PDRC Laurel Hill Site
Upland Site Summary

SITE NAME (DAR SITE ID #): FORMER LAUREL HILL SITE (#16)

Address:	44-02 56th Road Maspeth, NY 11378
Tax Lot Parcel(s):	QN-2529-1; QN-2529-10; QN-2529-20; QN-2529-30; QN-2529-40; QN-2529-50; QN-2529-60; QN-2529-70; QN-2552-70; QN-2520-60; QN-2527-5; QN-2528-2; QN-2526-50; QN-2526-30; QN-2526-2; QN-2525-50; QN-2519-1; QN-2519-100
Latitude:	N 40°43'35"
Longitude:	W 73°55'32"
Regulatory Programs Numbers/Codes:	NYS IHWDS: 241002; EPA ID: NYD001293489; NPDES #0005258, #0034908 & #0022799; and NYS SPILLS 0302512
Analytical Data Status:	☒ Electronic Data Available ☐ Hardcopies only ☐ No Data Available

Site Recommended for Further Targeted Investigation: ☐ Yes X No ☐ TBD

This Upland Site Summary was authored by Phelps Dodge Refining Corporation (PDRC). The opinions, statements, and conclusions herein are solely those of PDRC. They are not adopted by and should not be attributed to any other person.

1 SUMMARY OF CONSTITUENTS OF POTENTIAL CONCERN (COPCs) TRANSPORT PATHWAYS TO THE CREEK

The current understanding of the transport mechanisms of COPCs from the upland portions of the Site to Newtown Creek is summarized in this section and Table 1. This summary considers potential pathways based on historic, as well as current Site conditions. Because

the Site has undergone extensive remedial action under the oversight of New York State Department of Environmental Conservation (NYSDEC), historical pathways to Newtown Creek are not expected to present current "…sources of significant contaminant loadings to the Study Area" (RI/FS Work Plan 2011).

The industrial activities conducted at the Site that were associated with copper smelting and refining concluded in 1964 and 1983, respectively. Since that time, the Site has undergone numerous investigations and has been the subject of a series of remedial activities conducted under the oversight of the NYSDEC.

The Site is zoned M3-1 (heavy manufacturing) and its current involves a: 1) restaurant supply storage/distribution facility; 2) trucking form storage/transfer yard; and, 3) car/limousine facility. When the remainder of the engineered cap is installed (see Section 10) additional commercial use space will be made available.

The conclusion of industrial operations and subsequent completion of remedial activities at the Site resulted in the removal or reduction of COPCs in environmental media and the elimination or mitigation, through engineering controls, of pathways to Newtown Creek. Therefore, the evaluation of current pathways is the basis for determining whether there is a need for further targeted investigation. On this basis, it is the opinion of Phelps Dodge Refining Corporation (PDRC) that no further targeted investigation is warranted.

Overland Transport:

The Site was placed in the NYS Inactive Hazardous Waste Disposal Site program. The portion of the Site adjacent to Newtown Creek was designated as Operable Unit 1A under this program. COPCs were handled and/or identified in environmental media on OU-1A. Hence, in the opinion of PDRC, historic, overland flow from OU-1A is a potential pathway and is noted as such in Table 1.

As part of the approved remedial action, an engineered cap was placed at the Site. The cap and storm water collection system controls overland flow. The final section of the cap (approximately 20 acres), where storm water is currently managed via infiltration, is

scheduled to be installed in 2012/2013. Therefore, in the opinion of PDRC, under current conditions, this pathway is not complete.

Bank Erosion:

OU-1A occupies between 2000 and 3000 feet of shoreline along Newtown Creek. The existing information did not specifically identify bank erosion; though erosion controls were incorporated in selected remedial actions for the Site. Hence, there is no specific information to determine whether bank erosion was a historic potential pathway.

During the course of Site operations, the shoreline has undergone extensive renovation and upgrade. The current shoreline consists of the following from west to east: (1) 600 feet (ft) of rip rap protected bank; (2) 1,200 ft of wooden bulkhead; (3) 120 ft of natural shoreline; (4) 100 ft of wooden bulkhead; and (5) 100 ft of natural shoreline. In areas where there is natural shoreline, there is no current indication of significant erosion. Therefore, in the opinion of PDRC, under current conditions, this pathway is not complete.

Groundwater:

Groundwater flow beneath the Site is towards Newtown Creek. During prior investigations at the Site, COPCs were identified in groundwater. Hence, prior to implementation of groundwater remedial actions, it is the opinion of PDRC that groundwater represents a historic, potential pathway.

As part of the approved remedial action, a barrier wall that extends below the water table and is keyed into the underlying silt and clay unit was installed. The barrier wall consists of interlocking steel sheet piles with sealed joints and is 2,227 ft long by 20 to 25 ft deep. A ground water extraction system operates on the landward side of the barrier wall with collected ground water subject to treatment and discharge to the sanitary sewer pursuant to an industrial waste water discharge permit. The barrier wall groundwater collection system extends along the entire Site shoreline abutting Newtown and Maspeth Creeks (see Figure 14 for location of barrier wall/groundwater collection and treatment system). Therefore, in the opinion of PDRC, under current conditions, this pathway is not complete.

Overwater Activities:

During industrial operations at the Site deliveries of raw materials that include one or more COPCs were made via barge. In the opinion of PDRC, the identification of elevated copper levels in sediment immediately adjacent to the Site shoreline could indicate that that during periods of operation, this was a potential pathway.

Following the conclusion of industrial operations at the Site there are no longer any overwater activities. Hence, in the opinion of PDRC, under current conditions, this is no longer a complete pathway.

Stormwater/Wastewater Systems:

Existing information indicates that on-Site stormwater from the parcels designated OU-1A , OU-2 and part of OU-5 were managed by dedicated systems that discharged to Newtown Creek. Stormwater from other parcels (OU-3, 4 and the rest of OU-5) were either not identified or directed towards a storm sewer which was part of the NYC combined sewer system network. During industrial operations at the Site, wastewater was regulated under a NPDES permit with discharges to Newtown Creek. Based on this information, it is the opinion of PDRC that historically, the conveyance of stormwater and permitted wastewater discharges to Newtown Creek would have been a complete, potential pathway.

Currently, the stormwater system captures runoff from the engineered cap in the areas that have been redeveloped via existing catch basins and conveys it to historic outfalls for discharge into Newtown Creek. In the portion of the Site still scheduled to be capped (2012/2013), stormwater is managed through infiltration to ground water which is subsequently captured in the ground water extraction system described above. When the final portion of the engineered cap is installed it will include catch basins and piping to convey runoff from the capped surface to Newtown Creek.

The existing wastewater system conveys sanitary waste as well as treated ground water discharge from the operating ground water extraction system to a dedicated NYC sanitary

sewer in the vicinity of the Site. The treated ground water discharge is subject to an IWD permit that mandates periodic monitoring. Since inception, the ground water extraction system discharge to the sanitary sewer has been in compliance with permit limits.

As constructed, wastewater discharges from the Site flow into a dedicated local municipal sewer system at 49th Street and at this juncture, do not constitute a current, complete pathway to the creek.

Air Releases:

The prior industrial operations at the Site involved copper smelting and refining activities which had air emissions. These industrial activities concluded in mid-1960s (smelting) and mid-1980s (refining). There was insufficient information in the documents for PDRC to determine whether or not these former industrial air emission sources resulted in a complete, potential pathway to Newtown Creek during the historic operations at the Site.

Currently, there are no identifiable air sources at the Site. Hence, in the opinion of PDRC, under current conditions, this pathway is not complete.

2 PROJECT STATUS

A summary of investigation and remedial activities at the Site is provided in the following table.

The Site was listed on the New York State Registry of Inactive Hazardous Waste Disposal Sites as a “Class 2a” Site in 1980 and was reclassified as a “Class 2” Site in December 1986. The uplands were broken into 5 Operable Units (OU-1A, OU2, OU-3, OU-4 and OU-5).

The Site has been investigated and remediated under the direction of NYSDEC. Remediation activities are complete on OU-3, OU-4, OU-5 and parts of OU- 1A. Letters of completion were issued by NYSDEC on April 23, 2004 and July 10, 2007 for the Hot Spot Soil remediation and the Groundwater Collection /Treatment System, respectively. Remediation

work remaining to be completed includes installation of asphalt caps on OU-2 and portions of OU-1A.

A summary of investigation and remedial activities at the Site is provided in the table below.

Activity		Date(s)/Comments
Phase 1 Environmental Site Assessment	☒	Phase I – Hazardous Waste Site Assessment performed by Rizzo, Dec. 1990
Site Characterization	☒	Initial Site characterization studies were performed from 1984 to 1994. Studies included soil , groundwater, sediment, surface water sampling and analyses (Sverdrup 1985a,b; Hart 1986a,b,c, 1987a,b, 1988a,b,c,d, 1989a; CRA 1989, 1990b, 1992a)
Remedial Investigation	☒	Remedial investigations were conducted under NYSDEC Order on Consent. Remedial investigation report consisted of: (1) Preliminary Site Assessment Report OU Nos. 2, 3,4 and 5, (CRA 2000a) (2) Supplemental Preliminary Site Assessment Report OU Nos. 2,4 and 5, (CRA 2000e); and (3) Remedial Investigation Report OU 1A, (CRA 2000d).
Remedy Selection	☒	Remedial alternatives were evaluated in the Feasibility Study (CRA 2002). The 2003 ROD selected a remedial alternative consisting of hot spot soil removal, barrier wall groundwater collection/treatment system, Site specific cap (concrete, asphalt, buildings), and deed restrictions.

Activity		Date(s)/Comments
Remedial Design/Remedial Action Implementation	☒	Remedial actions consisting of soil excavation and off-Site disposal were conducted in 1987/88 (Hart 1986c, 1987a, 1988c, 1989a). Interim corrective measures consisting of asbestos abatement, PCB removals, and building demolition were performed in 2000 (CRA 1999a, 2000f). PCB and petroleum contaminated hot spot soil removal was performed in 2004 (CRA 2003a, 2004a,b). Barrier wall and groundwater collection/treatment system was constructed in 2005-2007 (CRA 2003a, 2003c, 2004b,c,2007a). Operable Units OU-5, OU-4, and part of OU-1Ab have been capped. Capping plans have been submitted to NYSDEC for the remaining OUs.
Use Restrictions (Environmental Easements or Institutional Controls)	☒	Environmental easements have been recorded for the Site.
Construction Completion	☒	Construction completion reports have been submitted to NYSDEC for 2000 IRM and building demolition (CRA 2000f), PCB and petroleum contaminated soil hot spot soil removal (CRA 2004d) and the barrier wall groundwater collection system (CRA, 2007a).
Site Closeout/No Further Action Determination	☒	NYSDEC letter dated April 23, 2004 for completion of Hot Spot Soil removal work. NYSDEC letter dated July 10, 2007 for completion of Groundwater Collection/Treatment System.

- NYSDEC Site Code(s): #241002
- NYSDEC Site Manager: Mr. Nigel Crawford

3 SITE OWNERSHIP HISTORY

Respondent Member: ☒ Yes ☐ No

The following table summarizes the current understanding of ownership of specific Parcels of the Site. The Parcels are shown on Attachment A.

Owner	Years	Occupant	Types of Operations
Phelps Dodge Refining Corporation acquires Nichols Copper Co.	1930	Phelps Dodge Refining Corporation	Operated mainly on Parcel 1, but also occupied Parcels 4, 5 – copper smelting and refining
General Chemical Co. , National Aniline & Chemical Co., and four other firms merge to form Allied Chemical and Dye Corp. and Dye Corp. and circa 1930 Phelps Dodge Refining Corporation	1921 - 1954	Allied Chemical and Dye Corp. and circa 1930 Phelps Dodge Refining Corporation	Operated mainly on Parcels 2, 3, 7, and portion of Parcel 1; repackaging and distribution of bulk acids and circa 1930 PDRC operated mainly on Parcel 1, but also occupied Parcels 4, 5 – copper smelting and refining

Owner	Years	Occupant	Types of Operations
Allied Chemical sells its Laurel Hill property to Phelps Dodge Refining Corporation	1954 - 1986	Phelps Dodge Refining Corporation	Copper and nickel sulfate plants on Parcel 5, copper sulfate plant on Parcel 4, copper refining, casting and smelting on Parcel 1. Smelting discontinued in ~1960. All operations ceased in 1983.
United States Postal Service	1986 - 1997	USPS	none
Phelps Dodge Refining Corporation	1997 to present	Phelps Dodge Refining Corporation	Site demolition, remediation
Phelps Dodge Refining Corporation sells Parcel 3,7	2002		
Phelps Dodge Refining Corporation sells Parcels 1B-1, 1B-2, 1B-1b, 10, 9, 8, 4A, 4B, and 6 in 2004	2004		
Phelps Dodge Refining Corporation sells Parcel 5	2005		
Newfound Holdings LLC. (Parcel 5)	2005 to present	Trocom Construction	Construction equipment laydown
Sagres 4B LLC. (Parcel 4B)	2004-2006	Sagres LLC.	none
JSB Equities (Parcel 4B)	2006-present	JSB Equities	Warehouse
Sagres 6 LLC (Parcel 6)	2004-2006	Sagres LLC	none
JSB Equities LLC (Parcel 6)	2006-present	JSB Equities	Warehouse
Cross Roads Realty (2002) Company Inc. (Parcel 7, 3)	2002- 2005	Sagres LLC	Equipment/truck storage
Spencer (1997) Limited Partnership (Parcel 7, 3)	2005-2006	Sagres LLC	Equipment/truck storage
Sagres Partners LLC. (Parcel 7, 3)	2006 - 2009	Sagres LLC	lumber storage

Owner	Years	Occupant	Types of Operations
Parcel 3 Maspeth LLC (Parcel 7,3)	2009 - present	Sagres LLC	lumber storage
Sagres 4A LLC (Parcel 4A)	2004-2006	Sagres LLC	none
56th Road & 43 rd St LLC (Parcel 4A)	2006 to present	Swing Staging Inc.	Scaffold storage
Sagres 1B2 LLC (Parcel 1B-2))	2004 to Present	Restaurant Depot	Restaurant food and equipment supply store
Sagres 1B-1 (Parcel 1B-1)	2004-2005	Sagres	none
Radhaswamy Realty Co. LLC	2005-2006	Radhaswamy Realty	none
Jumpstreet LLC (Parcel 1B-1)	2006 to present	Jumpstreet	none
Sagres 1B-1b (Parcel 1B-1b)	2004-2006	Sagres	none
Spencer (1997) Investment Ltd Partnership (Parcel 1B-1b)	2006 to 2011	Spencer	Truck parking
Patriot 2010 LLC (Parcel 1B-1b)	2011 to present	Patriot	Truck parking
Sagres 8 LLC (Parcel 8)	2004 to present	Sagres	Equipment storage
Sagres 9 LLC (Parcel 9a and 9b)	2004 to present	Sagres	GWTS Pump House and parking/storage
Sagres 10 LLC (Parcel 10)	2004 to present	Sagres	none

4 PROPERTY DESCRIPTION

The Site area is approximately 37 acres and lies within the Newtown Creek sewershed. The southerly portion of the Site abuts Newtown and Maspeth Creeks which are contiguous. Properties immediately to the west, north, and east of the Site are occupied by commercial and industrial businesses. The Long Island Railroad, 56th Avenue and 57th Avenue run east-west dividing the Site into northern and southern sections and 43rd Street runs

north-south dividing the Site into eastern and western sections. The Site location is shown on Figure 1.

The Site has a zoning classification of M3-1, heavy manufacturing zoning district. The majority of the surrounding area is zoned industrial with all the areas along Newtown Creek designated as M3, which are for heavy industrial uses generating noise, traffic, and pollutants. There are two cemeteries in the vicinity of the Site that are zoned as residential (R4). The zoning map is presented on Figure 2.

The Site is divided into the following operable units (OUs):

i) Operable Unit 1A (OU-1A) – 27.8 acres
ii) Operable Unit 2 (OU-2) – 2.2 acres
iii) Operable Unit 3 (OU-3) – 1.2 acres
iv) Operable Unit 4 (OU-4) – 3.8 acres
v) Operable Unit 5 (OU-5) – 2.2 acres

The July 2004 Consent Order further divided OU-1A into OU-1Aa, OU-1Ab, OU-1Ac, OU-1Ad, and OU-1Ae. For the purpose of simplicity and consistency with the RI Report and the FS, this report refers to OU-1A as defined in the July 2002 Consent Order.

Operable Unit 1A lies to the south of the Long Island Railroad and the rest of the OUs lie to the north of the railroad. The Operable Units are shown on Figure 3.

The majority of the Site is relatively flat except for OUs 4 and 5 that have more significant topographic relief. The topography of OU-5 ranges from approximately 37 ft (NAVD 88) at the northern end to 15 ft (NAVD 88) at the southern end. The topography of OU-4 ranges from approximately 72 ft (NAVD 88) at the northern end to 20 ft (NAVD 88) at the southern end. South of 56th Avenue the Site elevation ranges from approximately 18 ft (NAVD 88) at the northern edge of OU-3 to 6 ft (NAVD 88) on OU-1A next to Newtown Creek. Overall, the Site slopes from the north to the south towards Newtown Creek.

Operable Units OU-5, OU-4, OU-3 and approximately 8 acres of OU-1A have been capped and are currently covered with asphalt and/or buildings. The remaining OUs are partially covered with asphalt or have bare soil on the surface.

A 66-inch NYC-owned combined sewer traverses across OU-1A in a north south direction and discharges to Newtown Creek at the southern end of the Site. The Site does not discharge to the 66-inch sewer.

5 CURRENT SITE USE

A summary of the current operations at the various OUs is presented below:

- OU-1A- vacant lot, 75,454 sq ft restaurant food and hardware supply store, paved parking area
- OU-2 – vacant lot
- OU-3 – leased for lumber storage
- OU-4 – scaffold storage yard, warehouse for cable install company
- OU-5 - construction equipment lay-down area

A steel sheet pile/groundwater collection drain is located adjacent to Newtown Creek and collected groundwater is treated on Site prior to discharge to the NYC sanitary sewer located to the east of the Site on 49th Street. A more complete description of the groundwater treatment system is presented in Section 9.3.4.

6 SITE USE HISTORY

A reported history of the Site is provided in the Phase I - Hazardous Waste Site Assessment report prepared by Rizzo Associates, Inc. dated December 14, 1990 (Rizzo 1990).

In 1930, PDRC bought the Nichols Copper Company that was smelting and refining copper at the Site. According to Rizzo (Rizzo 1990), in 1929, a multi-year smelter rebuilding project was undertaken that included the construction of a baghouse for particulate emission

control. According to Rizzo (Rizzo 1990), smelting operations were reportedly resumed in 1936.

According to Rizzo (Rizzo 1990), a 1935 Phelps Dodge drawing indicates that silver refining was conducted on Parcel 4, and nickel refining was performed on Parcel 5.

General Chemical Company operated on the westerly portions of the Site into the 1950s. PDRC purchased this land and expanded its operations into this area in the 1950s. According to Rizzo (Rizzo 1990), the General Chemical Company buildings on Parcels 1 and 3 were razed in the 1950s and PDRC moved its administrative offices and laboratory into Building 10 on Parcel 2 in the later 1950s.

According to Rizzo (Rizzo 1990), historical plot plans from the 1950s indicate that the facility had copper and nickel sulfate producing plants on Parcel 5, a basic copper sulfate plant on Parcel 4, and copper refining, casting, and smelting operations on Parcel 1. Smelting operations were discontinued in approximately 1960, and the associated buildings were razed in the early 1960s. Other Site operations were continued through 1983.

Manufacturing operations were discontinued at the facility in late 1983, and PDRC removed equipment and cleaned out buildings thereafter and into 1984. The United States Postal Service (USPS) purchased the Site in December 1986. Phelps Dodge reacquired the property in 1997.

All buildings and structures were razed to ground level in 1999/2000.

Various parcels of the property have been sold and, in some cases, resold since 2004. Current uses of the property are listed below. The locations of the current Parcels and the ownership of the parcels are presented in Attachment A.1:

- Parcel s 1A, 1B-1, 1C, 2, 8, 9, 10– vacant land
- Parcel 1B-2 – 75,454 sq ft restaurant and food supply store
- Parcel 1B-1b – paved parking lot
- Parcel 4A – warehouse for cable install company

- Parcel 4B - scaffold storage yard,
- Parcel 5 - construction equipment laydown area
- Parcel 7 – leased for lumber storage

Operations on the various parcels since 2000 are described on the site ownership table presented in Section 3 (pages 9 – 10).

7 CURRENT AND HISTORICAL AREAS OF CONCERN AND COPCs

The current understanding of the historical and current potential upland and overwater areas of concern at the Site is summarized in Table 1. The following sections provide brief discussion of the potential sources and COPCs at the Site requiring additional discussion.

7.1 Uplands

Potential historical upland COPCs at each of the OUs are presented in the following paragraphs. Historical Site features referenced in the descriptions are shown on Figure 3.

OU-1A

USTs

According to Rizzo (Rizzo 1990), OU-1A contained nine USTs with volumes ranging from 550 to 3,000 gal. The USTs had been used to store gasoline, diesel fuel and/or industrial solvent (Solvesso No. 2). CRA conducted geophysical testing and excavated test pits in the area of the suspected USTs and did not locate the USTs (CRA 2000f) with the exception of the UST that was encountered and removed during the Hot Spot Soil removal work conducted in 2003/2004 (CRA 2004d).

ASTs

Two 170,000-gallon ASTs containing No. 6 fuel oil were located near the bank of Maspeth Creek on OU-1A (Location 182). The tanks were contained within a concrete dike and were filled by barges.

A 7,500-gallon oil storage AST and pump house were located within a concrete-bermed structure south of Building 36 (Location 35A). According to Rizzo (Rizzo 1990) the AST was suspected to have contained No. 4 or No 6 fuel oil. According to Rizzo (Rizzo 1990) the AST replaced an underground oil storage tank in this area that was taken out of service in approximately 1969. The former AST and pump house were located in the general vicinity of the petroleum contaminated soil remediation performed in 2003/2004.

According to Rizzo (Rizzo 1990), a 1,000-gallon AST that reportedly contained motor oil was located near the southeasterly corner of Building 130.

According to Rizzo (Rizzo 1990), an AST with unknown contents and with approximate capacity of 1,000 to 1,500 gallons was located adjacent to the exterior easterly wall of Building 251 (auto and truck repair) on OU-1A.

Electrical Equipment

According to Rizzo (Rizzo 1990), Location 9 on OU-1A formerly housed two 10,000k Va electrical transformers and Location 3A formerly contained electrical switch gear. The electrical equipment was removed in the late 1980s. The brick and concrete at Location 9 and 3A were sampled prior to demolition. Areas with PCBs were removed and disposed separately from the rest of the building materials (CRA 2000f).

Area Y on OU-1A formerly housed electrical equipment. Sampling of the soil and concrete in this area identified the presence of PCBs. The PCB contaminated material was removed and disposed off Site during the IRM/demolition work performed in 1999/2000 (CRA 2000f).

Electrical equipment contaminated with PCBs was located in Buildings 1, 3, 4, 5, 7 and 42 on OU-1A. The electrical equipment and any contaminated debris/ building material in these locations was removed prior to demolition and disposed off Site as PCB contaminated waste (CRA 2000f).

Smokestacks

Four smokestacks were located on OU-1A (Locations 11, 12, 106, and 187). Smokestacks 11, 12 and 187 received flue gases from the heating of Building 186 and from the copper casting furnaces in Buildings 252 and 209. Samples of the debris/brick/mortar from these smokestacks contained metals. Smokestack 106 received flue gases from the baghouse associated with the former smelting operation in the southeast portion of OU-1A and from Building 107 which contained a furnace that was used for wire salvage. Samples from the debris and brick/mortar at the base of smokestack 106 contained metals and PCBs (CRA 2000f).

Electrolytic Tank House Areas

Locations 39, 56, 53, 54 and Area U on OU-1A housed electrolytic tanks that were used for copper refining. Two below grade concrete tanks were located at the southern end of Building 56. Samples of the floor residues, concrete flooring and building materials in these areas contained PCBs and metals (CRA 2000f).

Samples collected from the walls and floor in Building 161 (stripping house adjoining Building 39 and Area U) also contained lead and PCBs (CRA 2000f).

The PCB contaminated material was removed and disposed off Site during the IRM/demolition work performed in 1999/2000 (CRA 2000f).

Auto and Truck Repair

Building 251 located in the southeastern corner of OU-1A was previously used for vehicle repair. According to Rizzo (Rizzo 1990), no grease pits or floor drains were observed in the building. According to Rizzo (Rizzo 1990), a parts degreasing unit was located in the Southeasterly corner of the building and a drain line from the unit was piped into the drainage trench on the easterly side of Building 251. According to Rizzo (Rizzo 1990), the trench was connected to a discharge line that discharged to Maspeth Creek. According to

Rizzo (Rizzo 1990), two other discharge pipes from Building 251 were connected to the trench.

Machine Shop

According to Rizzo (Rizzo 1990) Building 166 on OU-1A contained a machine shop and a perimeter trench was located inside the building.

Furnace Areas

Building 36 on OU-1A formerly housed two "anode" furnaces that were used to melt copper prior to casting it into anode molds on casting wheels. The casting process was performed in one recessed concrete pit. A sample of the standing water located within the pit collected prior to demolition contained metals. Concrete lined subsurface drainage trenches were located on the westerly, northerly and easterly sides of Building 36 (Rizzo 1990).

Buildings 209 and 252 formerly housed two copper casting furnaces where baled scrap copper was melted and subsequently poured into wire bars on casting wheels. The casting wheels were located in two recessed concrete pits. A sample of the standing water located within the pit prior to demolition contained minor concentrations of metals, PAHs, phthalates and phenols (CRA 2000f). A furnace slag pit was located immediately west of Building 252. According to Rizzo (Rizzo 1990) the pit was approximately 20 ft by 20 ft and had an earthen bottom and a depth of approximately 3 ft. According to Rizzo (Rizzo 1990) a former security employee reported that blast furnace slag was brought to the pit to be broken with a wrecking ball to recover copper for re-smelting.

Building 186 on OU- 1A housed three brick furnaces on the second and third floors.

Building 107 located on OU-1A contained a furnace that according the Rizzo (Rizzo 1990) was used later used for wire salvage. The flue from this furnace was discharged to smokestack 106. Samples from the debris and brick/mortar at the base of smokestack 106 contained metals and PCBs (CRA 2000f).

OU-1A Fill Area

A large portion of OU-1A was created by filling a former saltwater marsh on the northern bank of Newtown Creek. According to Rizzo (Rizzo 1990), this filling occurred during the late 1800s and early 1900s. The fill material contained slag, ash, concrete, wood, mixed with sand, gravel and silt. The thickness of the fill material ranges from approximately 5 to 20 ft. Samples collected from the fill material during the various Site investigations contained metals and PAHs (CRA 2000f).

OU-2

Operations

OU-2 contained 4 buildings: Buildings 10, 13, 15/20 and 19. According to Rizzo (Rizzo 1990) operations included packaging and distributing of acids (sulfuric, nitric and muriatic), ammonia, silicate and potentially other chemicals. Building 10 was the administration and research building. The research operations included a testing laboratory.

According to Rizzo, (Rizzo 1990) Building 13 was used for storage and potentially for acid mixing and packaging and the building contained 2 recessed pits approximately 2 to 4 inches deep and with an earthen bottom.

ASTs

Three ASTs were located inside former Building 20 on OU-2 and three additional tanks were located on the roof. According to Rizzo (Rizzo 1990) the tanks contained sulfuric acid, aqueous ammonia and nitric acid.

According to Rizzo (Rizzo 1990) an AST with a capacity of approximately 4,000 to 5,000 gallons was located on the second floor of Building 13 and the tank likely contained acid.

Drainage

Surface drainage from OU-2 discharged to sewers located on 56 th Road, 43 rd Street and an on-Site private drain that discharged to Newtown Creek at the south west corner of OU-1A via a 48-inch diameter outfall.

Sludge Lagoons

According to Rizzo (Rizzo 1990) hydroxide sludge was dewatered in an unlined earthen lagoon in the westerly yard of OU-1A and the sludge dewatering lagoon was moved to the northeasterly area of OU-1A in 1980. According to Rizzo (Rizzo 1990) a sample of hydroxide sludge collected in 1980 contained metals and an 1980 EP Toxicity analysis of the dewatered sludge yielded low concentrations of metals (i.e., below respective characteristic hazardous waste criteria).

OU-3

According to Rizzo (1990) the General Chemical Company operated on OU-3 until the late 1940s to 1950s and former buildings on this OU appear to have been razed in the 1950s or 1960s. Investigations conducted for the RI did not indicate significant contamination in the soil and groundwater at OU-3 and no remediation was required by NYSDEC for OU-3 except for institutional controls.

OU-4

Operations

Former buildings located on OU-4 included Copper Sulfate Plant, (Buildings 133 and 139), Storage and Research Laboratory (Buildings 135 and 137), Smokestack 134, Automobile Garage (Building 138) , and an Oil Storage structure located east of Building 135. A pit was located beneath the floor in Building 137. A sample of the standing water located within the pit collected prior to demolition included metals, PAHs, phthalates, TPH and PCBs (CRA, 2000f).

USTs

According to Rizzo (Rizzo 1990) one 100 gallon UST that contained gasoline was located on OU-4.

ASTs

Evidence of four ASTs was identified on OU-4. Two former tank pads were identified near the southeastern corner of Building 133 and two large tank pads (former acid tanks) were identified east of Building 121. The size and contents of the former ASTs are unknown.

Smokestacks

One smokestack was located on OU-4 (Location 134). Samples from the debris and brick/mortar at the base of smokestack 134 contained metals (CRA 2000f).

OU-5

Operations

OU-5 contained eight contiguous buildings. According to Rizzo (Rizzo 1990), Buildings 141, 142, 143, 146 and 150 were formerly used for production of copper sulfate. A subbasement was located in Building 141, 142 and 143. A sample of the standing water located within the subbasement collected prior to demolition included metals, pesticides, PAHs, PCBs and TPH (CRA 2000f).

According to Rizzo (Rizzo 1990), Buildings 156, 157 and 157A were used for the production of nickel sulfate. Rizzo reported observing a 2 to 3-inch thick layer of tar-like material covering portions of the Building 157 floor.

USTs

According to Rizzo (Rizzo 1990), two USTs of unknown volume were located on OU-5 and contained oil. During the Site demolition work in 1990/2000, CRA conducted geophysical testing and excavated test pits in the area of the suspected USTs and did not locate the USTs (CRA 2000f).

Drainage

A private drain historically extended from OU-5 to the south western corner of OU-1A where it discharged to Newtown Creek through a 48-inch diameter outfall. The 48-inch diameter outfall is no longer operational.

Outfalls

During the facility demolition phase, the Site drainage system consisting of catchbasins, trenches, drains and sewers was located in the field with the aid of historical Site plans. This drainage system was connected to 12 outfalls into Newtown Creek. The sewer lines were cleaned using a high pressure jet flush and the manholes/catchbasins on each of these lines were abandoned by filling with concrete, with the exception of one drainage line located in the south central area of OU-1A that was left operational to prevent excessive ponding of water on Site.

During construction of the barrier wall and groundwater collection system, an additional 6 historical outfalls were located along the bulkhead and shoreline of OU-1A. All 18 outfalls were severed during the installation of the barrier wall and the groundwater collection system with the exception of the 66-inch diameter NYC CSO that crosses OU-1A and discharges to Newtown Creek. The Site does not drain into the 66-inch diameter NYC CSO.

Currently, 9 of the severed outfalls have been reinstated and are used to discharge surface water runoff from the capped areas of OU-1A.

7.2 Overwater Activities

There are no current overwater activities.

Historical aerial photographs show barges docking along the shoreline of the property. Records indicate that copper concentrate was delivered to the Site by barges for smelting and refining. According to Rizzo (Rizzo 1990) when the smelting operation was running, ore concentrate bins were located in the vicinity of Buildings 63, 63A, 64 and 64A.

7.3 Spills

The following reported spill events were identified.

Rizzo (Rizzo 1990) reported that at least one underground gasoline tank on OU-1A appeared to have leaked, based on the 1939 Fire Department inspection report. Investigation activities conducted at the Site for the RI included soil and groundwater sampling in the vicinity of the former underground gasoline storage tanks. Sample results did not indicate significantly elevated concentrations of petroleum hydrocarbons in this area.

A search of the online NYSDEC Spill Incidents Database identified one spill record for the Site. A release of Number 6 oil of unknown quantity was recorded on June 9, 2003. The NYSDEC Spill Number is 0302512. This spill was remediated during the Hot Spot Soil Remediation conducted in 2003/2004 and described in Section 10.0. The spill was closed on September 27, 2004.

8 PHYSICAL SITE SETTING

8.1 Geology

Approximately 420 boreholes have been drilled and 90 monitoring wells have been installed at the Site. Borehole locations are shown on Figure 4 and monitoring well locations are shown on Figure 5.

The stratigraphic units are listed below in descending order from the ground surface:

- Fill Unit
- Silty Sand/Silt Unit
- Peat/Meadow Mat Unit
- Silt and Clay Unit
- Sand and Gravel Unit
- Bedrock Unit

The locations of the geologic cross-sections are shown on Figure 6. North-south geologic cross-sections A-A' and B-B' are shown on Figures 7 and 8, respectively. West-east geologic cross-sections C-C', D-D', and E-E' are shown on Figures 9, 10, and 11, respectively.

Detailed descriptions of the stratigraphic units are presented in the Remedial Investigation Report (CRA 2000d).

Fill Unit

The Fill Unit is comprised of varying amounts of sand, gravel, and silt. Sand, is however, the predominant soil within the Fill Unit. This unit also includes slag, wood, and concrete fragments within the predominantly sandy matrix.

The Fill Unit is continuous across the Site, varying in thickness from approximately 5 ft at the north part of the Site to approximately 15 to 20 ft along Newtown and Maspeth Creeks. The base of the Fill Unit is not regular and reflects the degree of disturbance/excavation across the Site.

The Fill Unit consists predominantly of coarse-grained material.

Silty Sand/Silt Unit

The Silty Sand/Silt Unit underlies the Fill Unit and envelops the Peat/Meadow Mat Unit (i.e., it is present underlying and overlying the Peat/Meadow Mat Unit). It is comprised of

fine to medium grained sand with considerable amounts of silt and very fine-grained sand. In places, this unit includes significant amounts of gravel and organic matter from erosion of the underlying Peat/Meadow Mat Unit.

The Silty Sand/Silt Unit is not continuous across the Site, as shown on the geologic cross-sections. It is generally present in the central and southern parts of the Site ranging in thickness from approximately 3 ft at PD-34 to 10 ft at OW2-90.

The Silty Sand/Silt Unit is, generally, a coarse-grained unit, although it incorporates significant amounts of fine-grained material.

Peat/Meadow Mat Unit

The Peat/Meadow Mat Unit underlies the Fill Unit or the Silty Sand/Silt Unit. It is comprised primarily of decomposed vegetative matter and shell fragments, all mixed within a primary fine-grained matrix (silt and clay). The peat and shell fragments represent the remains of vegetation and living organisms within an ancient marsh environment.

The organic material within the peat deposits are supported by a predominantly fine-grained matrix made up of silt and clay. The Peat/Meadow Mat Unit represents a remnant of saline Newtown and Maspeth Creeks deposits.

The Peat/Meadow Mat Unit, as shown on geologic cross-sections A-A', B-B', and C-C' is not continuous across the Site.

The thickness of the Peat/Meadow Mat Unit ranges from approximately 3 ft at PD-16 to a maximum of 15 ft at PD-32.

The Peat/Meadow Mat Unit is classified as a fine-grained unit and its distribution beneath the Site is shown on Figure 12.

Silt and Clay Unit

The Silt and Clay Unit underlies the Peat/Meadow Mat Unit and Silty Sand/Silt Unit. This unit is comprised primarily of silt and clay and, in places it is layered, reflecting a glaciolacustrine environment of deposition. This unit also includes occasional sand lenses which are isolated and discontinuous.

The Silt and Clay Unit is not continuous across the Site, as shown on the geologic cross-sections. The areal extent of the Silt and Clay Unit is shown on Figure 12. As shown on Figure 12, this unit occupies approximately three-quarters of OU-1A and is found on the central and southeastern parts of the Site.

The Silt and Clay Unit ranges in thickness from approximately 20 ft at boring PD-32 to 50 ft at boring B-5.

The Silt and Clay Unit is classified as a fine-grained unit.

Sand and Gravel Unit

The Sand and Gravel Unit underlies the Silt and Clay Unit or the Peat/Meadow Mat Unit where the above-noted fine-grained units are present. In the northwestern part of the Site, the Sand and Gravel Unit directly underlies the Fill Unit.

The Sand and Gravel Unit is continuous across the Site and directly underlies the Fill Unit in the northwestern part of the Site to a depth of more than 110 ft. The Sand and Gravel Unit is a coarse-grained unit.

Bedrock Unit

The Bedrock Unit as described in regional studies is found at depths of approximately 100 ft. The on-Site boreholes did not penetrate to the bedrock unit.

8.2 Hydrogeology

Water-Bearing Units

The water-bearing units beneath the Site are the following stratigraphic units:

- Fill Unit
- Silty Sand/Silt Unit
- Sand and Gravel Unit

The Fill Unit and the underlying Silty Sand/Silt Unit are hydraulically connected throughout much of OU-1A and comprise a single hydrostratigraphic unit (Surficial Water-Bearing Zone) which is under unconfined (water table) conditions. The water table is found at depths generally ranging between 2 and 5 feet below ground surface (ft bgs) in OU-1A and up to 30 ft bgs in OU-4. These materials are very heterogeneous and exhibit marked changes in hydraulic properties.

The Sand and Gravel Unit is separated hydraulically from the Surficial Water-Bearing Zone (Fill and Silty Sand/Silt Units) by fine-grained deposits (aquitards) of the Peat/Meadow Mat and Silt and Clay Units. The Fill Unit and Sand and Gravel Units are hydraulically connected in the northwestern part of OU-1A , OU-2 , OU-3, OU-4 and OU-5 due to the absence of the Peat/Meadow Mat Unit and Silt and Clay Unit in these OUs.

Aquitard Units

Aquitard units beneath the Site are the following stratigraphic units:

- Peat/Meadow Mat Unit; and
- Silt and Clay Unit.

The Peat/Meadow Mat Unit and Silt and Clay Unit, where present (central and eastern parts of OU-1A), form aquitards which separate the Fill and Silty Sand/Silt Units from the underlying Sand and Gravel Unit

Hydraulic Parameters

In situ hydraulic conductivity testing data are available from a number of the shallow monitoring wells as presented in the RI Report (CRA 2000d). These data were obtained by performing single well response tests.

Hydraulic conductivity values for the Surficial Water-Bearing Zone in OU-1A range from 1.25 x 10-5 cm/sec to greater than 1.0 x 10-2 cm/sec. The wide range in hydraulic conductivity values indicates that the materials, which comprise the Fill and Silty Sand/Silt Units are heterogeneous. Generally, hydraulic conductivity values are higher (10-2 to 10-3 cm/sec) in the southeast part of OU-1A. Hydraulic conductivity values are generally lower (10-4 to 10-5 cm/sec) in the northeast and western parts of OU-1A.

Hydraulic conductivity values for the Surficial Water-Bearing Zone at OU-2, -3, -4, and -5 range from greater than 1 x 10-1 cm/sec to 1.7 x 10-2 cm/sec.

Groundwater Flow Direction

The groundwater flow direction beneath the Site is generally from the northeast the southwest towards Newtown Creek. A groundwater contour map for January 13, 2004 (prior to construction and operation of the groundwater collection/treatment system) is presented on Figure 13.

9 NATURE AND EXTENT (CURRENT UNDERSTANDING OF ENVIRONMENTAL CONDITIONS)

9.1 Soil

Soil Investigations	X Yes ☐ No
Bank Samples	☐ Yes X No ☐ Not Applicable

9.1.1 Soil Investigations

Surface and subsurface soil samples were collected during Site investigation activities between 1984 and 2000. The soil sampling results were summarized in the November 2000 RI Report for OU-1A (CRA 2000d) and the Preliminary Site Assessment Report (CRA 2000a) and the Supplemental Preliminary Site Assessment Report (CRA 2000c) for OUs-2, -3, -4 and -5. These three reports are collectively referred to as the RI for the Site. Additional soil samples were collected during remediation activities for delineation and/or confirmation. Soil samples were analyzed for, VOCs, SVOCs, metals, TPH and PCBs. The surface soil sample results are presented in Attachment B and the subsurface soil results are presented in Attachment B. Surface soil sampling locations are presented on Figures B.1 to B.4. Subsurface soil sampling locations are shown on Figures C.1 to C.4.

It should be noted that the following table includes results for soil samples collected prior to Site remediation. Therefore, the maximum concentrations identified for several parameters on the following table are likely higher than the current maximum residual concentrations. For example, the hot spot soil removal work conducted in 2003/2004 included removal of PCB soils with concentrations greater than 10 mg/kg. NYSDEC issued a letter to PDRC dated April 23, 2004 indicating that the Hot Spot Soil removal work (i.e. removal of soil with PCBs above 10 mg/kg) was complete.

Selected results are summarized in the table below along with the current NYSDEC Soil Cleanup Objectives (SCOs).

Analyte	Units	NYSDEC SCO	Minimum Soil Concentration	Maximum Soil Concentration
Surface Soil (0 to 2 feet)				
DRO	mg/kg		0.39	5.7
GRO	mg/kg		25	4,100
Total PCBs	mg/kg	25	0.022	36,000
Acetone	mg/kg	1,000	.002J	5.4
Benzene	mg/kg	89	.001J	.019J
Ethylbenzene	mg/kg	780	.001J	.780J
Tetrachloroethene	mg/kg	300	.005J	.007J

Analyte	Units	NYSDEC SCO	Minimum Soil Concentration	Maximum Soil Concentration
Xylene (Total)	mg/kg	1,000	.002J	6.6
Benzo(a)anthracene	mg/kg	11	.040J	250
Benzo(a)pyrene	mg/kg	1.1	.047J	180
Benzo(b)fluoranthene	mg/kg	11	.054J	180
Benzo(k)fluoranthene	mg/kg	110	.065	160
Chrysene	mg/kg	110	.078J	240
Dibenzo(a,h)anthracene	mg/kg	1.1	.054J	3
Indeno(1,2,3-cd)pyrene	mg/kg	11	.049J	110
Phenanthrene	mg/kg	1,000	.064J	560
Pyrene	mg/kg	1,000	.091J	490
Aluminum	mg/kg		82.9	16,*400*
Arsenic	mg/kg	16	0.69	4,860
Cadmium	mg/kg	60	0.02	49.1
Chromium	mg/kg	6,800	0.47	373
Copper	mg/kg	10,000	10.1	187,000
Lead	mg/kg	3,900	4.2	11,900
Mercury	mg/kg	5.7	0.023J	562
Nickel	mg/kg	10,000	3	4,060
Selenium	mg/kg	6,800	0.34J	179
Zinc	mg/kg	10,000	4.8	28,800
Subsurface Soil (> 2 feet)				
DRO	mg/kg		61	420
GRO	mg/kg		5.3	650
Total PCBs	mg/kg	25	0.37	4,296
Acetone	mg/kg	1,000	.002J	6
Benzene	mg/kg	89	.001J	.64
Ethylbenzene	mg/kg	780	.001J	.370J
Tetrachloroethene	mg/kg	300	ND(.010)	ND(1.6)
Xylene (Total)	mg/kg	1,000	.001J	3.8
Anthracene	mg/kg	1,000	.041J	35.9
Benzo(a)anthracene	mg/kg	11	.067J	49.8
Benzo(a)pyrene	mg/kg	1.1	.045J	36.2

Analyte	Units	NYSDEC SCO	Minimum Soil Concentration	Maximum Soil Concentration
Benzo(b)fluoranthene	mg/kg	11	.041J	74.3
Benzo(k)fluoranthene	mg/kg	110	.047J	9.4
Chrysene	mg/kg	110	.065J	40.6
Dibenzo(a,h)anthracene	mg/kg	1.1	.100J	2.8
Indeno(1,2,3-cd)pyrene	mg/kg	11	.055J	13.0
Phenanthrene	mg/kg	1,000	.080J	1164
Pyrene	mg/kg	1,000	.040J	80
Aluminum	mg/kg		225	32,000
Arsenic	mg/kg	16	0.77	6,810
Cadmium	mg/kg	60	0.0055	380
Chromium	mg/kg	6,800	0.17	1,330
Copper	mg/kg	10,000	9.3	273,000
Lead	mg/kg	3,900	1.7	52,400
Mercury	mg/kg	5.7	0.034	354
Nickel	mg/kg	10,000	2,900	3,570
Selenium	mg/kg	6,800	0.27	890
Zinc	mg/kg	10,000	2.9	34,900

Notes:

mg/kg – milligrams per kilogram
µg/kg – microgram per kilogram
J– estimated.
ND – Not detected
NS – Not sampled for this analyte
NYSDEC SCO – 6NYCRR Subpart 375 Restricted Use Soil Cleanup Objectives for Industrial Site

VOCs were not detected in the surface or subsurface soil samples at concentrations above the SCOs.

PAHS were the most frequently detected SVOCs in soil samples at concentrations above the SCOs. PAHs were detected in subsurface soil samples at concentrations above the SCOs to depths up to 12 ft bgs, however, the vast majority of the detections of these parameters above the SCOs were in shallow subsurface soil samples (less than 4 ft bgs) and surface soil samples.

Arsenic, cadmium, copper, lead, mercury, nickel, selenium were the most frequently detected metals in soil samples at concentrations above the SCOs. Metals were detected at concentrations above the SCOs to depths up to 22 ft bgs.

Total PCBs (primarily Aroclor 1260 and 1254) were detected at concentrations greater than the corresponding Restricted Use Soil Cleanup Objectives – Industrial (SCOs) in surface and subsurface soil samples at depths up to 8 ft bgs (Attachments B and C). Remedial actions performed at the Site included removal of hot spot soils with total PCB concentrations greater than 10 ppm. NYSDEC issued a letter to PDRC dated April 23, 2004 indicating that the Hot Spot Soil removal work was complete.

9.1.2 Soil Summary

The main contaminants detected in surface and subsurface soils are metals, PAHs and PCBs. The highest concentrations were detected in surface soil and subsurface soils less than 4 ft bgs although metals were detected at concentrations above the SCOs to depths of 22 ft bgs. Remedial actions implemented at the Site in 2003/2004 involved removal of soils with Total PCBs above 10 mg/kg. NYSDEC issued a letter to PDRC dated April 23, 2004 indicating that the Hot Spot Soil removal work was complete.

9.2 Groundwater

Groundwater Investigations	XYes ☐ No
NAPL Presence (Historical & Current)	X Yes ☐ No
Dissolved COPC Plumes	X Yes ☐ No
Visual Seep Sample Data	☐ Yes X No ☐ Not Applicable

9.2.1 Groundwater Investigations

Groundwater investigations were conducted at the Site during the period from 1985 to 2000. Groundwater investigations included well installation, several rounds of groundwater sampling, slug tests (HydroQual 1997) and a tidal study at selected wells (CRA 1992a). The results are presented in the RI and FS reports (CRA 2000a,c,d, CRA 2002). Semi-annual groundwater monitoring has been performed at the Site since 2007 and the results are

presented to NYSDEC in quarterly progress reports and annual O,M & M reports (CRA 2008b, 2009, 2010b, 2012)

9.2.2 NAPL (Historical and Current) Presence

Free-phase petroleum product (LNAPL) has been encountered at two locations on OU-1A as described below.

Petroleum contaminated soil was identified in an area south of former Building 36 in the center of OU-1A. During 2004, as part of the Hot Spot Soil Removal remedial action, the UST was removed along with approximately 750 cubic yards of soil and 4,305 gallons of oil/water. Confirmatory samples were collected from the excavation sidewall and bottom and the results are presented in the Hot Spot Soil Removal Final Report (CRA 2004d). NYSDEC issued a letter to PDRC dated April 23, 2004 indicating that the Hot Spot Soil removal work was complete.

During construction of the storm sewer for the new building on OU-1A, petroleum contaminated soil was encountered at the south-central area of OU-1A (near former Building 252) in July 2005. NYSDEC was notified and approximately 28 drums of soil and 1,300 gallons of oil/water was removed. Following removal of the soil and oil/water, the excavation was inspected by NYSDEC and approved for backfilling.

9.2.3 Dissolved Contaminant Plume

Groundwater samples were collected from the on-Site monitoring wells on many occasions since 1985. Groundwater samples were analyzed for metals, VOCs, SVOCs, and PCBs. Groundwater sampling results are presented in Attachment D and groundwater sampling locations are presented on Figure D.1.

Metals including arsenic, cadmium, chromium, copper, nickel, selenium and zinc are the most prevalent parameters detected in the groundwater at concentrations above the Class GA Standards.

VOC and SVOCs detected at concentrations above the Class GA Standard include 1,1,1-trichloroethene, 1,1-dichloroethane, benzene, chloroform, methylene chloride, tetrachloroethene, toluene, bis-2ethylhexyl phthalate and phenol. These parameters are not widely distributed in the groundwater at the Site and the reported concentrations above the Class GA Standards were in less than 10 percent of the groundwater samples collected.

PCBs were sporadically detected in 4 of the 331 groundwater samples collected at the Site. The highest concentration detected was Aroclor 1260 at 2.2 µg/L in the 1993 sample from well PDW-20. Two of the three other PCB detections also occurred during the 1993 sampling event at wells OW-5 and PDW-40. The only other PCB detection was Aroclor 1260 at 0.08 µg/L in the 2004 sample from test extraction well EW-7. PCB concentrations in samples collected from these wells prior and subsequent to these monitoring events were non-detect.

Selected groundwater sampling results are summarized in the following table.

Analyte	Units	NYSDEC Class GA Groundwater Standard	Minimum Groundwater Concentration	Maximum Groundwater Concentration
Total PCBs	µg/L		0.008	2.2
Benzene	µg/L	1	1J	270
Xylenes (Total)	µg/L		2J	9J
Methyl tert-butyl Ether	µg/L		1J	3J
Tetrachloroethene	µg/L	5	1J	77
Toluene	µg/L	5	1J	25
-2 - methylnaphthalene	µg/L		1J	29
Benzo(b)fluoranthene	µg/L		2J	2J
Benzo(k)fluoranthene	µg/L		2J	2J
Chrysene	µg/L		2J	3J
Indeno(1,2,3-cd)pyrene	µg/L		1J	1J
Naphthalene	µg/L		1J	10
Pyrene	µg/L		1J	10
Arsenic	µg/L	25	1.8	10

Analyte	Units	NYSDEC Class GA Groundwater Standard	Minimum Groundwater Concentration	Maximum Groundwater Concentration
Cadmium	µg/L	5	0.27	1,240
Chromium	µg/L	50	0.33	17,700
Copper	µg/L	200	1.2J	162,000
Iron	µg/L	300	7.3	1,010,000
lead	µg/L	25	0. 78J	13,200
Mercury	µg/L	0.7	0. 10J	128
Nickel	µg/L	100	1.3	66,000
Selenium	µg/L	10	2	7,250J
Zinc	µg/L		3.4	84,400

Notes:

µg/L – micrograms per liter
ND – Not detected, detection limits not provided in source documents
J – estimated value

9.2.4 Groundwater Summary

Groundwater investigations were conducted at the Site during the time period from 1985 to 2000. Additional studies have been completed since 2000 for the design of the groundwater collection treatment system and semi-annual monitoring has been conducted since 2007. The groundwater flow direction across the Site is from the northeast to the southwest, towards Newtown Creek.

The groundwater monitoring results indicate that the groundwater contamination is generally limited to the shallow groundwater flow zone. The low permeability and contaminant attenuation characteristics of the Peat Meadow Mat and the Silt and Clay Unit limit the downward migration of contaminants to the deeper sand and gravel unit.

The main contaminants in the groundwater are metals (arsenic, cadmium, chromium, copper, nickel, selenium and zinc).

Petroleum product was found in two areas on OU-1A. These areas were excavated and the oil/water was pumped from the excavation. Groundwater monitoring results do not indicate

significant groundwater contamination for VOCs or SVOCs. The highest concentrations of tetrachloroethene were detected at upgradient monitoring well OW12R-07 on OU-4 indicating that this contamination is coming from an upgradient off Site source.

PCBs have only been sporadically detected in 4 groundwater samples collected from the Site. The highest concentration detected was Aroclor 1260 at 2.2 µg/L in the 1993 sample from well PDW-20. Two of the three other PCB detections also occurred during the 1993 sampling event at wells OW-5 and PDW-40. The only other PCB detection was Aroclor 1260 at 0.08 µg/L in the 2004 sample from well EW-7. PCB concentrations in samples collected from these wells prior and subsequent to these monitoring events were non-detect.

In 2005-2007, a barrier wall and groundwater collection system was installed extending the entire length of the property to a depth of 20 to 25 feet adjacent to Newtown and Maspeth Creeks to intercept the shallow groundwater before it reached the creeks (see Figure 14 for location of barrier wall/groundwater collection and treatment system). The collected groundwater is treated on Site prior to discharge to the NYC sanitary sewer in accordance with a permit issued by NYCDEP.

9.3 Surface Water

Surface Water Investigation	X Yes ☐ No
SPDES Permit (Current or Past)	X Yes ☐ No
Industrial Waste Discharge Permit (Current or Past)	X Yes ☐ No
Stormwater Data	☐ Yes X No
Catch Basin Solids Data	☐ Yes X No
Wastewater Data	X Yes ☐ No

9.3.1 Surface Water Investigation

Surface water samples were collected from Newtown Creek/ Maspeth Creek adjacent to the Site on several occasions. The results are presented and summarized in the RI Report (CRA 2000d). The surface water sampling locations are presented on Figure E.1 and the analytical results are presented in Attachment E. In some instances, the sample locations cannot be determined from the available information.

In summary, copper, zinc and silver were detected at concentrations above the Ambient Water Quality Standards in a limited number of the samples.

9.3.2 Stormwater and Wastewater Systems

This Site is within the Newtown Creek Water Pollution Control Plant (NC WPCP) sewershed.

Currently, stormwater and wastewater discharges from the Site flow into separate municipal sewer systems. Wastewater is conveyed to the Newtown Creek WPCP for treatment prior to discharge. Stormwater from the capped portions of OU-1A is conveyed to Newtown Creek and discharged through historical outfalls. For uncapped areas of the Site, stormwater generally infiltrates into the ground and then is captured with the groundwater collection system, treated and discharged to the sanitary sewer system.

As constructed, wastewater discharges from the Site flow into a dedicated local municipal sewer system at 49th Street and at this juncture, do not constitute a current, complete pathway to the creek.

9.3.3 SPDES Permit

According to Rizzo (Rizzo 1990) the facility received 3 NPDES permits from EPA and the NYSDEC in October 1974 for discharge of waste water to Newtown Creek (Permit #0005258 – copper refinery; Permit #0034908 – basic copper sulfate plant; Permit #0022799 – copper sulfate plant). PDRC retained its NPDES permits until the facility closed in 1983. According to Rizzo (Rizzo 1990), no permit violations were found in the records review.

There are no current SPDES permits for the Site.

9.3.4 Industrial Waste Discharge Permit

In 2007 the facility received a discharge permit C-3776 from NYCDEP that allows sewer discharge of groundwater collected from the groundwater collection system after on-Site pretreatment. The pretreatment system consists of an equalization tank and filtration using

twin bag filters. The permit is renewed on an annual basis. No permit violations have been recorded to date.

The most recent permit is described at length in the following table.

Permit Type	Permit Number	Start Date	Outfalls[1]	Volume	Frequency-Parameters
Sewer Discharge Permit	C-3776	Feb 6, 2007	**Discharge Point:** Sanitary sewer located on 49th Street	65,000 gallons per day	The discharge shall not exceed the following New York City Sewer Use Limits:

Sewer Use Limits (15 R.C.N.Y. ch. 19)		
Pollutant	Discharge Daily Limit (mg/L)	Monthly (mg/L)
pH	5.0-11.0 Standard Units	--
Cadmium	2.0	-
Cadmium (composite)	0.69	-
Chromium (Hexavalent)	5.0	--
Copper	5.0	--
Lead	2.0	--
Mercury	0.05	--
Nickel	3.0	--
Zinc	5.0	--
Benzene	0.134	0.057
Ethylbenzene	0.38	0.142
Napthalene	0.047	0.019
MTBE	0.05	--
Tetrachloroethene	0.02	--
Toluene	0.074	0.028
Xylenes (total)	0.074	0.028
PCBs (Total)	0.001	--
TSS	350	--
Non-Polar Material	50.0	--

9.3.5 Sampling Data

Since the original permit C-3776 was issued in 2007, the facility has submitted monthly discharge monitoring reports containing the effluent sampling results from the treatment unit prior to discharge to the NYC sewer. Since commencement of the system operation, permitted discharges have been compliant with the NYCDEP discharge criteria. The most recent monitoring data is included in the Operations, Maintenance and Monitoring Report – May 2010 to April 2011 (CRA 2012).

9.3.6 Surface Water Summary

The facility received 3 NPDES permits from EPA and the NYSDEC in October 1974 for discharge of waste water to Newtown Creek (Permit #0005258 – copper refinery; Permit #0034908 – basic copper sulfate plant; Permit #0022799 – copper sulfate plant). Phelps Dodge retained its NPDES permits until the facility closed in 1983. No permit violations were found in the records review.

Capped portions of OU-1A currently discharge stormwater runoff to Newtown Creek through historic outfalls. For uncapped areas of the Site, stormwater generally infiltrates into the ground and then is captured with the groundwater collection system, treated and discharged to the sanitary sewer system.

Since 2007, the Site holds a wastewater sewer discharge permit from NYCDEP that permits discharge of up to 65,000 gallons per day of collected groundwater following on Site pre-treatment. The treated groundwater is discharged to a City owned sanitary sewer located on 49th Street. Since commencement of the system operation, permitted discharges have been compliant with the NYCDEP discharge criteria.

Surface water samples were collected from Newtown Creek during Site investigation activities. Copper, zinc and silver were detected at concentrations above the Ambient Water Quality Standards in some of the samples.

9.4 Sediment

Creek Sediment Data X Yes ☐ No ☐ Not Applicable

In 1993, a total of 38 sediment samples were collected from Newtown and Maspeth Creeks at locations next to the Site and analyzed for VOCs, SVOCs, metals, PCBs, TPH and general chemistry parameters. The sampling locations are shown on Figure F.1 and the data are presented in Attachment F. Selected analytical results are presented below.

Analyte	Units	Minimum Sediment Concentration	Maximum Sediment Concentration
Total PCBs	mg/kg	0.86	3
Benzo(a)anthracene	mg/kg	1	3.2
Benzo(a)pyrene	mg/kg	0.87	2
Benzo(b)fluoranthene	mg/kg	0.68	2.8
Benzo(k)fluoranthene	mg/kg	NS	NS
Chrysene	mg/kg	0.43	3.6
Indeno(1,2,3-cd)pyrene	mg/kg	NS	NS
Pyrene	mg/kg	0.58	3.3
Aluminum	mg/kg	2,880	21,100
Arsenic	mg/kg	4.4	1,790
Cadmium	mg/kg	1.3	156
Copper	mg/kg	16.2	34,300
Lead	mg/kg	7.3	5,370
Mercury	mg/kg	0.24	3.1
Selenium	mg/kg	0.77B	194
Silver	mg/kg	1.9B	144
Zinc	mg/kg	93.2	12,300
TPH	mg/kg	229	34,200

Note:

mg/kg – milligrams per kilogram
NS – not sampled
B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

Sediments samples were also collected by Anchor Environmental and the results are presented in the OU-6 RI prepared by Anchor. The Anchor data are not discussed or evaluated in this uplands report.

9.5 Air

Air Permit	☐ Yes	☒ No
Air Data	☐ Yes	☒ No

There is no current air source at the Site.

10 REMEDIATION HISTORY (INTERIM REMEDIAL MEASURES AND OTHER CLEANUPS)

Remedial activities have been conducted at the Site under the direction of the NYSDEC since 1987. Letters of completion were issued by NYSDEC on April 23, 2004 and July 10, 2007 for the Hot Spot Soil Remediation and the Groundwater Collection /Treatment System, respectively. Remediation work remaining to be completed includes construction of asphalt caps on approximately 20 acres of OU-1A and OU-2. Capping plans have been submitted to NYSDEC for the remaining uncapped areas (CRA 2010a, 2011a,b).

Remediation work completed to date includes the following:

- Excavation and off-Site disposal of hot spot soil and concrete in 1987 (Hart 1986c, 1988b)
- Interim remedial measures and building demolition in 1999/2000 (CRA 2000f).
- Hot spot soil removal (PCB and petroleum contaminated soil) in 2003/2004 (CRA 2004d)
- Construction of a barrier wall/groundwater collection and treatment system in 2005 to 2007 (CRA 2007a). See Figure 14 for location of barrier wall/groundwater collection and treatment system.
- Capping OU-4, OU-5 and approximately 8 acres of OU-1A (performed by subsequent property owners)

PDRC contends that it has performed extensive remedial action at the Site under NYDEC's supervision and under current conditions pathways are not complete, as more fully explained in the text. As a result, it is PDRC's opinion that no further, targeted investigation of the Site is warranted.

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12 ATTACHMENTS

Figures

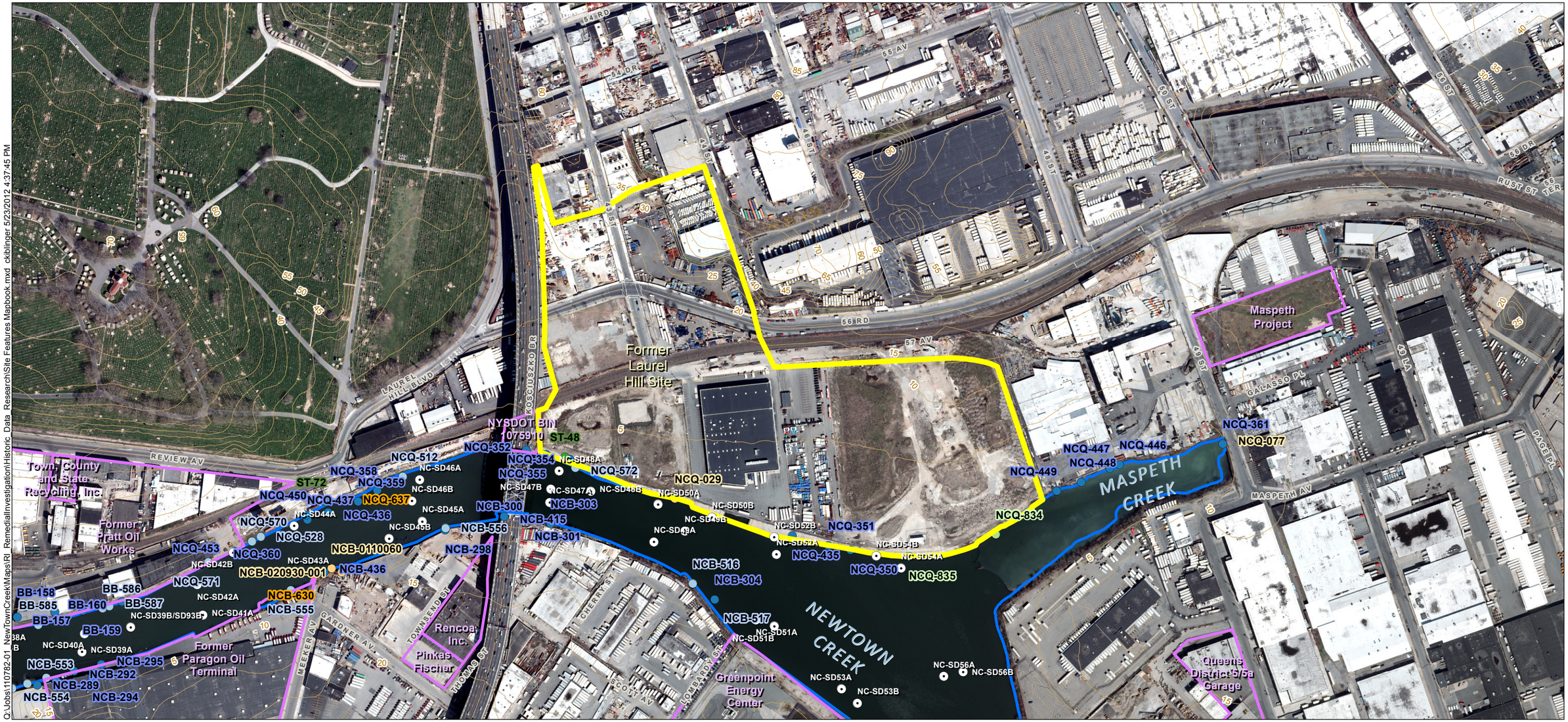
Figure 1 Site Vicinity Map
Figure 2 Zoning Map
Figure 3 Site Plan
Figure 4 RI/FS Borehole Locations (Jan 1985 - Sept 2000)
Figure 5 Monitoring Well Locations
Figure 6 Geologic Cross Section Locations
Figure 7 Geologic Cross-Section A-A'
Figure 8 Geologic Cross-Section B-B'
Figure 9 Geologic Cross-Section C-C'
Figure 10 Geologic Cross-Section D-D'
Figure 11 Geologic Cross-Section E-E
Figure 12 Extent of Peat/Meadow Mat and Silt and Clay Units
Figure 13 Groundwater Contours - January 13, 2004
Figure 14 Barrier Wall/Groundwater Collection System

Tables

Table 1 Potential Areas of Concern and Transport Pathways Assessment

Supplemental Attachments

Attachment A – Current Property (Parcel) Owners
Attachment B – Surface Soil Sample Data
Attachment C – Subsurface Soil Sample Data
Attachment D – Groundwater Sample Data
Attachment E – Sediment Sample Data
Attachment F – Surface Water Data

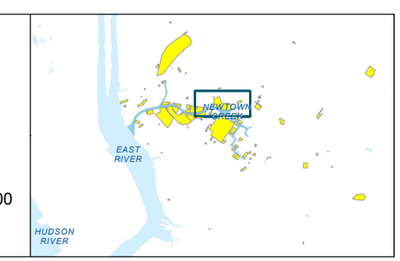


USEPA Sample Locations (Surface and Subsurface)
Shoreline (NYC Dept. of Information Technology, 2006)
USGS Nat'l Elev. Dataset 5-foot Contours
Selected Site Property Boundary
Neighboring Site Property Boundary

Outfall Class
- Direct Discharge
- General
- Highway Drain
- Major Stormwater Outfall
- SPDES
- Storm Drain

NOTES:
1. Outfall Labeling: BB: Bowery Bay; NC(B/Q): Newtown Creek, Brooklyn/Queens; ST: Stormwater.
2. Outfall locations are preliminary, compiled, estimated data based on New York City Department of Environmental Protection (NYCDEP) maps and tabulated data and other resources. Many outfall locations were taken from the New York City Shoreline Survey Program: Newtown Creek Water Pollution Control Plant Drainage Area, NYCDEP, March 31, 2003. Other locations were taken from an excerpt from a similar report from 2008 (the complete report was not included in files available for review). Finally, some outfall locations were inherited from previous Anchor QEA and Newtown Creek Project work. Latitudinal and longitudinal data provided in the 2003 and 2008 NYCDEP reports were rounded to the nearest second. This resulted in potential outfall location discrepancies of up to approximately 200 feet. All outfall locations are currently under field verification.
3. Aerial Photos: New York State Division of Homeland Security and Emergency Services, 2010.
4. Site Boundaries are based on New York City parcels data.
5. Coarse topographic contours are derived from U.S. Geological Survey 10-meter data.

Feet
0 200 400 600 800



ANCHOR QEA

DRAFT

Figure 1
Site Vicinty Map
Draft Upland Site Summary: Former Laurel Hill Site
Newtown Creek RI/FS

Q:\Jobs\110782-01_NewTownCreek\Maps\RI_RemedialInvestigation\Historic_Data_Research\Site Features Mapbook.mxd ckiblinger 5/23/2012 4:37:45 PM

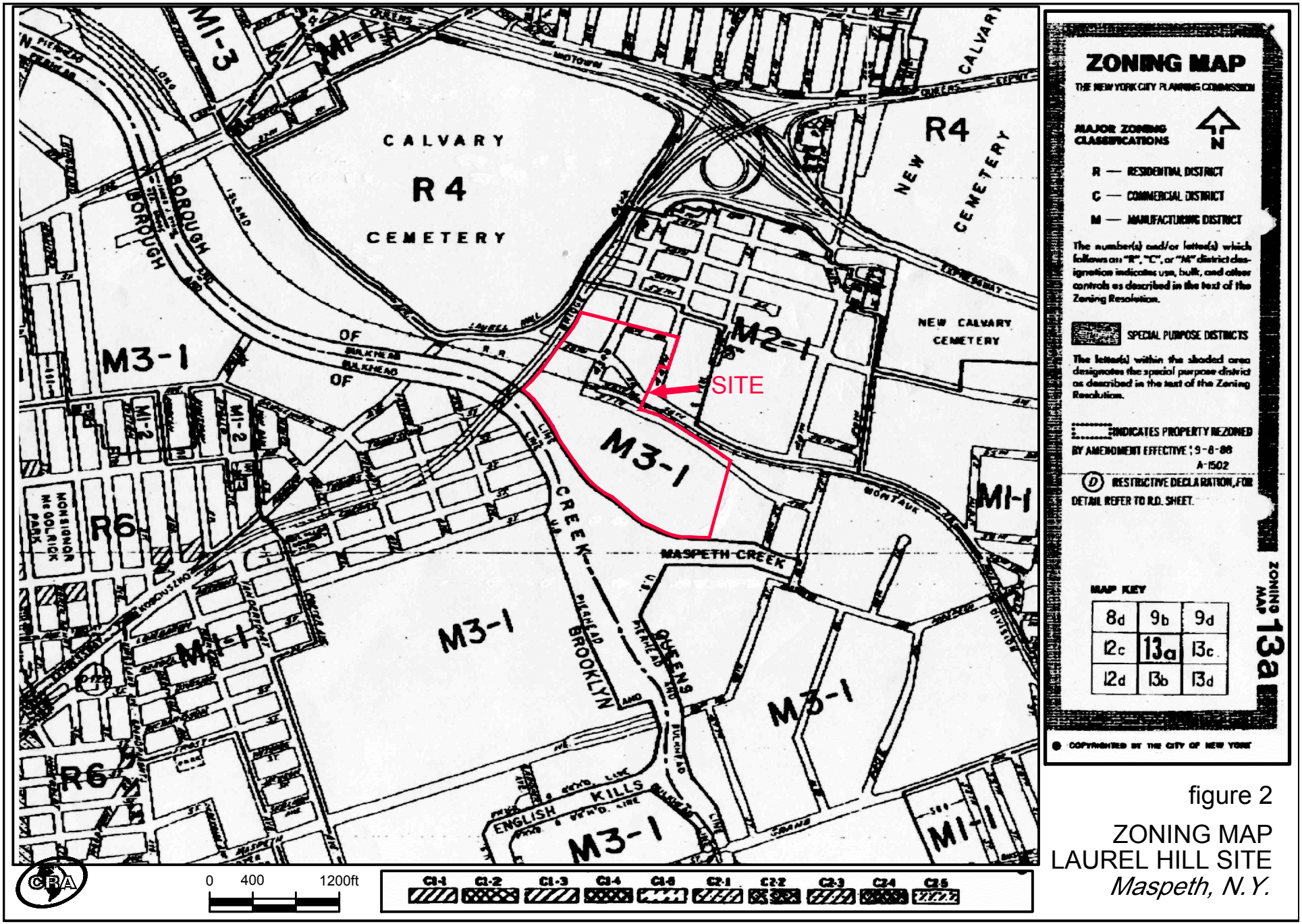
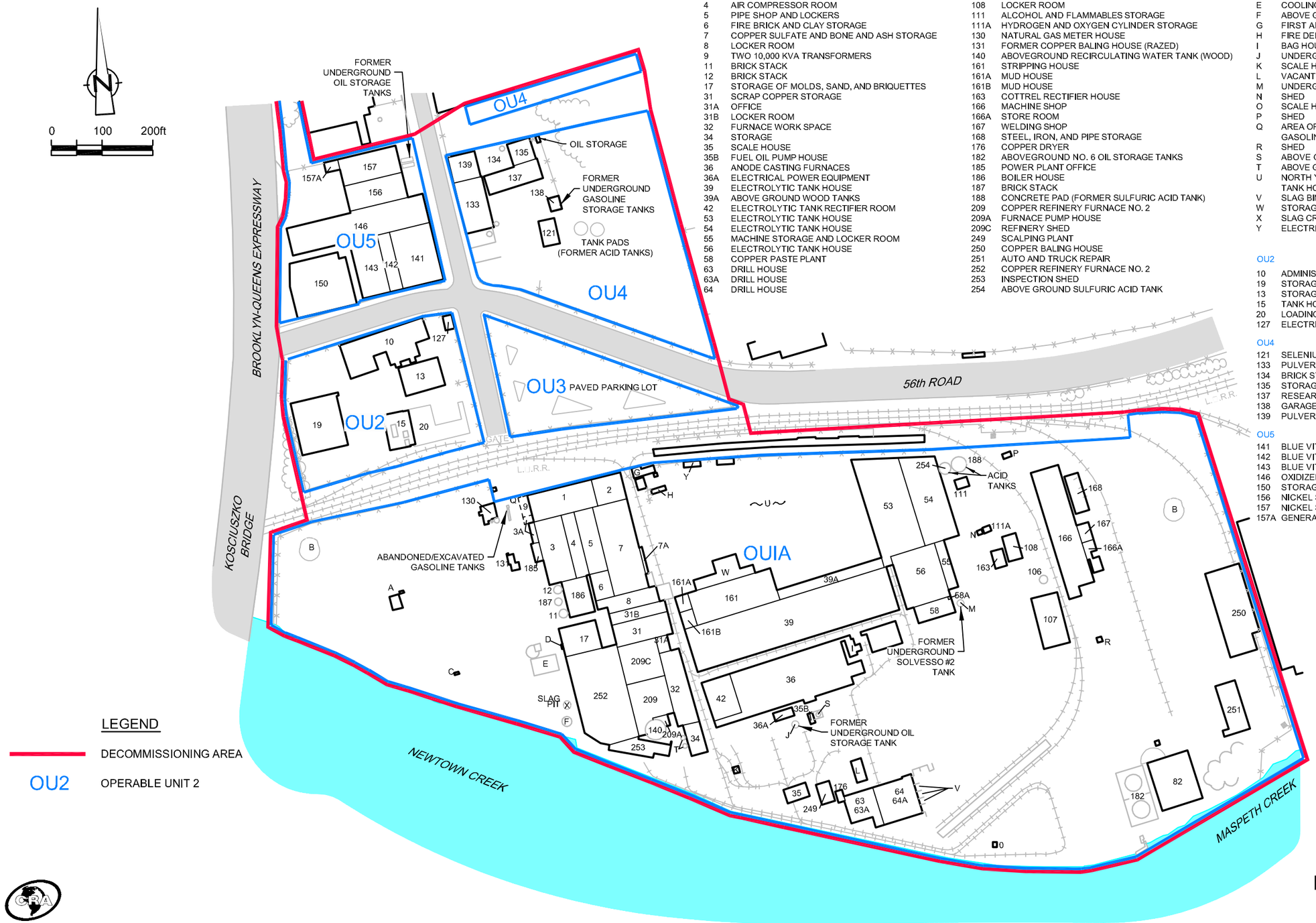


figure 2

ZONING MAP
LAUREL HILL SITE
Maspeth, N.Y.

02939-40(071)GN-WA019 JAN 20/2012



OU1A

1	POWER HOUSE
2	POWER HOUSE
3	POWER PLANT
3A	SWITCH HOUSE
4	AIR COMPRESSOR ROOM
5	PIPE SHOP AND LOCKERS
6	FIRE BRICK AND CLAY STORAGE
7	COPPER SULFATE AND BONE AND ASH STORAGE
8	LOCKER ROOM
9	TWO 10,000 KVA TRANSFORMERS
11	BRICK STACK
12	BRICK STACK
17	STORAGE OF MOLDS, SAND, AND BRIQUETTES
31	SCRAP COPPER STORAGE
31A	OFFICE
31B	LOCKER ROOM
32	FURNACE WORK SPACE
34	STORAGE
35	SCALE HOUSE
35B	FUEL OIL PUMP HOUSE
36	ANODE CASTING FURNACES
36A	ELECTRICAL POWER EQUIPMENT
39	ELECTROLYTIC TANK HOUSE
39A	ABOVE GROUND WOOD TANKS
42	ELECTROLYTIC TANK RECTIFIER ROOM
53	ELECTROLYTIC TANK HOUSE
54	ELECTROLYTIC TANK HOUSE
55	MACHINE STORAGE AND LOCKER ROOM
56	ELECTROLYTIC TANK HOUSE
58	COPPER PASTE PLANT
63	DRILL HOUSE
63A	DRILL HOUSE
64	DRILL HOUSE
64A	DRILL HOUSE
82	WAREHOUSE
106	BRICK STACK
107	WIRE SALVAGE FURNACE
108	LOCKER ROOM
111	ALCOHOL AND FLAMMABLES STORAGE
111A	HYDROGEN AND OXYGEN CYLINDER STORAGE
130	NATURAL GAS METER HOUSE
131	FORMER COPPER BALING HOUSE (RAZED)
140	ABOVEGROUND RECIRCULATING WATER TANK (WOOD)
161	STRIPPING HOUSE
161A	MUD HOUSE
161B	MUD HOUSE
163	COTTREL RECTIFIER HOUSE
166	MACHINE SHOP
166A	STORE ROOM
167	WELDING SHOP
168	STEEL, IRON, AND PIPE STORAGE
176	COPPER DRYER
182	ABOVEGROUND NO. 6 OIL STORAGE TANKS
185	POWER PLANT OFFICE
186	BOILER HOUSE
187	BRICK STACK
188	CONCRETE PAD (FORMER SULFURIC ACID TANK)
209	COPPER REFINERY FURNACE NO. 2
209A	FURNACE PUMP HOUSE
209C	REFINERY SHED
249	SCALPING PLANT
250	COPPER BALING HOUSE
251	AUTO AND TRUCK REPAIR
252	COPPER REFINERY FURNACE NO. 2
253	INSPECTION SHED
254	ABOVE GROUND SULFURIC ACID TANK
A	COPPER BALING HOUSE
B	FORMER SLUDGE LAGOONS (2)
C	SHED
D	ELECTRIC TRANSFORMER PAD
E	COOLING TOWERS
F	ABOVE GROUND WOOD TANK
G	FIRST AID BUILDING
H	FIRE DEPARTMENT HOUSE
I	BAG HOUSE
J	UNDERGROUND OIL STORAGE TANK
K	SCALE HOUSE
L	VACANT
M	UNDERGROUND SOLVESSO #2 TANK
N	SHED
O	SCALE HOUSE
P	SHED
Q	AREA OF ABANDONED/EXCAVATED GASOLINE TANKS
R	SHED
S	ABOVE GROUND OIL STORAGE TANK
T	ABOVE GROUND WOODEN TANK
U	NORTH YARD-FORMER ELECTROLYTIC TANK HOUSE
V	SLAG BINS
W	STORAGE AREAS
X	SLAG CRUSHING PIT
Y	ELECTRICAL EQUIPMENT STRUCTURE

OU2

10	ADMINISTRATION AND LABORATORY
19	STORAGE
13	STORAGE
15	TANK HOUSE
20	LOADING PAD
127	ELECTRICAL TRANSFORMERS

OU4

121	SELENIUM STORAGE
133	PULVERIZATION OF BASIC COPPER SULFATE
134	BRICK STACK
135	STORAGE
137	RESEARCH LAB
138	GARAGE
139	PULVERIZATION OF BASIC COPPER SULFATE

OU5

141	BLUE VITRIOL PLANT
142	BLUE VITRIOL PLANT
143	BLUE VITRIOL PLANT
146	OXIDIZERS
150	STORAGE OF BALED COPPER SULFATE BAGS
156	NICKEL SULFATE PLANT
157	NICKEL SULFATE PLANT
157A	GENERATOR ROOM

figure 3

SITE PLAN
LAUREL HILL SITE
Maspeth, N.Y.

02939-40(071)GN-WA020 JAN 24/2012

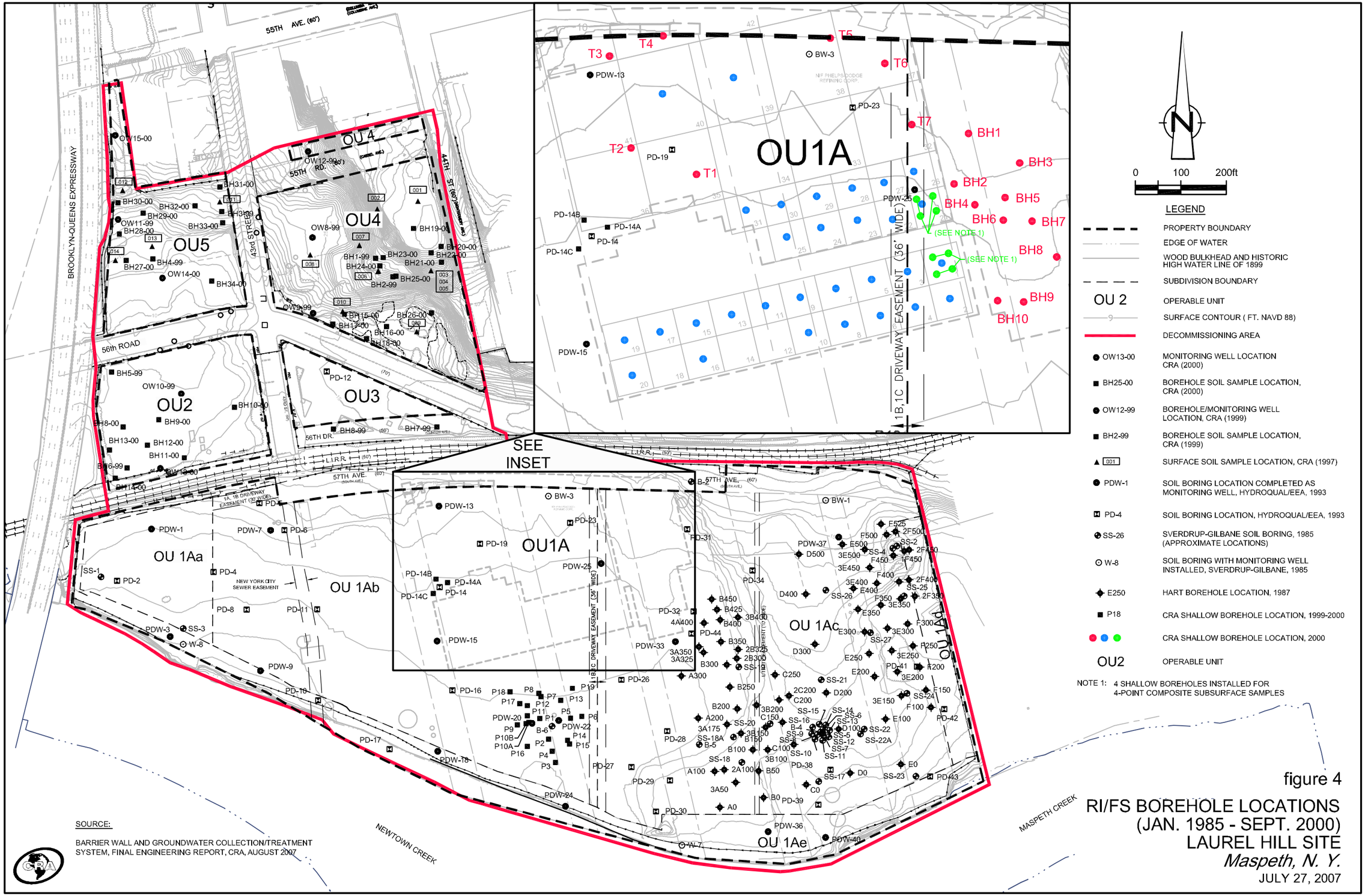
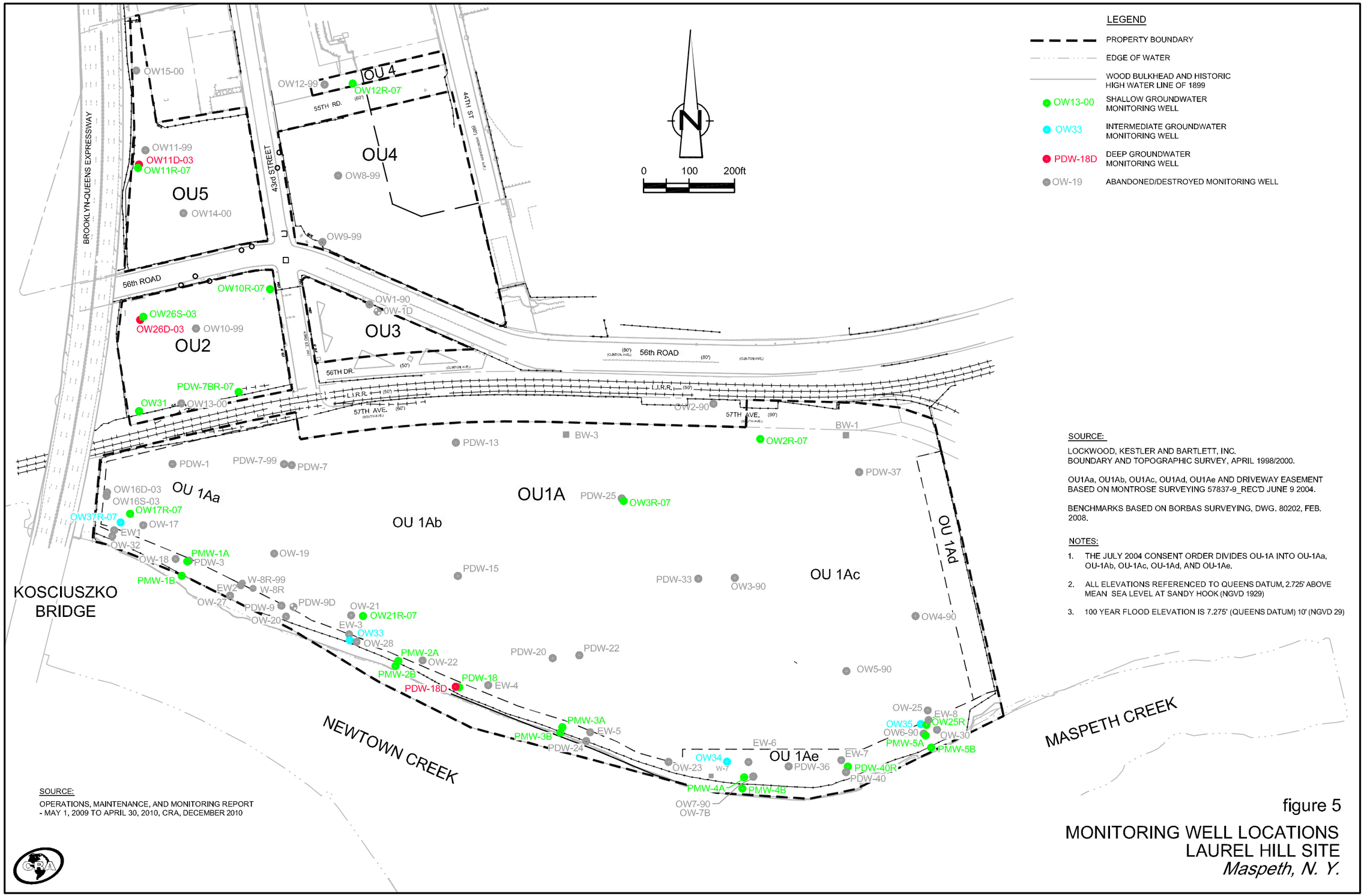


figure 4

RI/FS BOREHOLE LOCATIONS
(JAN. 1985 - SEPT. 2000)
LAUREL HILL SITE
Maspeth, N. Y.
JULY 27, 2007

02939-40(071)GN-WA011 JAN 20/2012



SOURCE:

LOCKWOOD, KESTLER AND BARTLETT, INC.
BOUNDARY AND TOPOGRAPHIC SURVEY, APRIL 1998/2000.

OU1Aa, OU1Ab, OU1Ac, OU1Ad, OU1Ae AND DRIVEWAY EASEMENT BASED ON MONTROSE SURVEYING 57837-9_REC'D JUNE 9 2004.

BENCHMARKS BASED ON BORBAS SURVEYING, DWG. 80202, FEB. 2008.

NOTES:

1. THE JULY 2004 CONSENT ORDER DIVIDES OU-1A INTO OU-1Aa, OU-1Ab, OU-1Ac, OU-1Ad, AND OU-1Ae.
2. ALL ELEVATIONS REFERENCED TO QUEENS DATUM, 2.725' ABOVE MEAN SEA LEVEL AT SANDY HOOK (NGVD 1929)
3. 100 YEAR FLOOD ELEVATION IS 7.275' (QUEENS DATUM) 10' (NGVD 29)

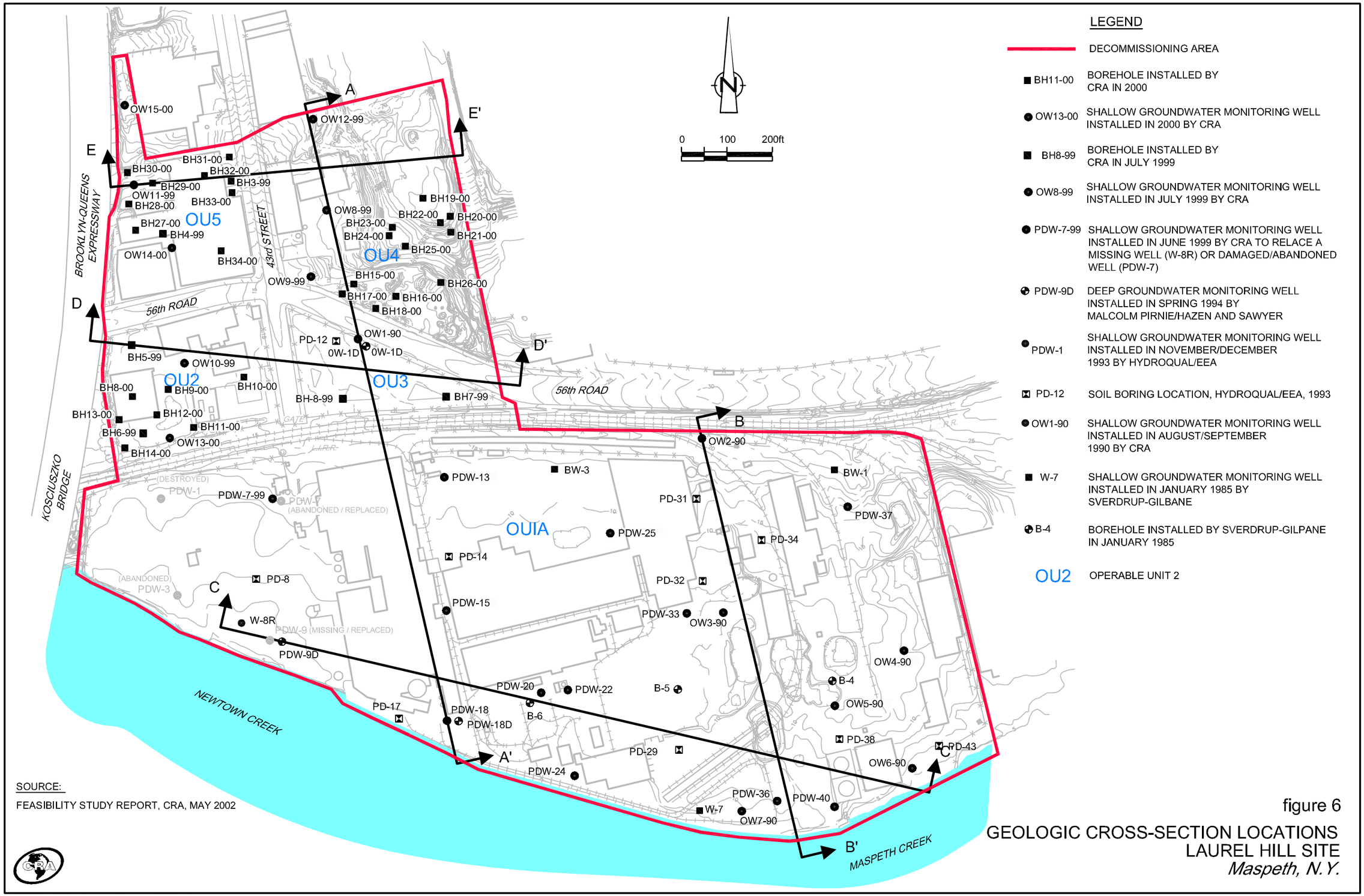
SOURCE:

OPERATIONS, MAINTENANCE, AND MONITORING REPORT - MAY 1, 2009 TO APRIL 30, 2010, CRA, DECEMBER 2010

figure 5

MONITORING WELL LOCATIONS
LAUREL HILL SITE
Maspeth, N. Y.

02939-40(071)GN-WA008 JAN 24/2012



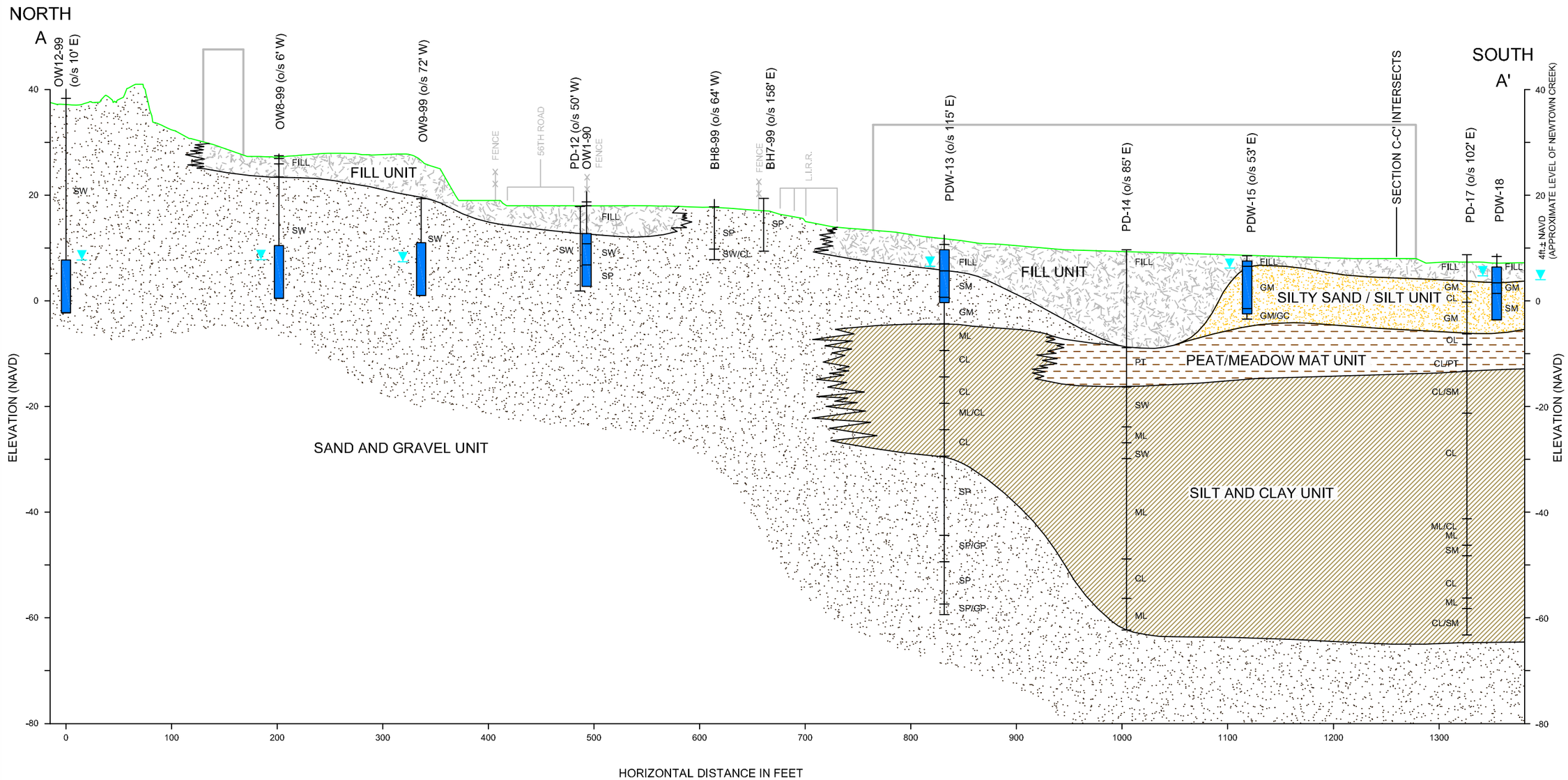
SOURCE:

FEASIBILITY STUDY REPORT, CRA, MAY 2002

figure 6

GEOLOGIC CROSS-SECTION LOCATIONS
LAUREL HILL SITE
Maspeth, N.Y.

02939-40(071)GN-WA001 JAN 20/2012



LEGEND

OW8-99 — WELL NAME

SW — LITHOLOGY IDENTIFIER

SCREENED INTERVAL

GROUNDWATER ELEVATION

LITHOLOGY

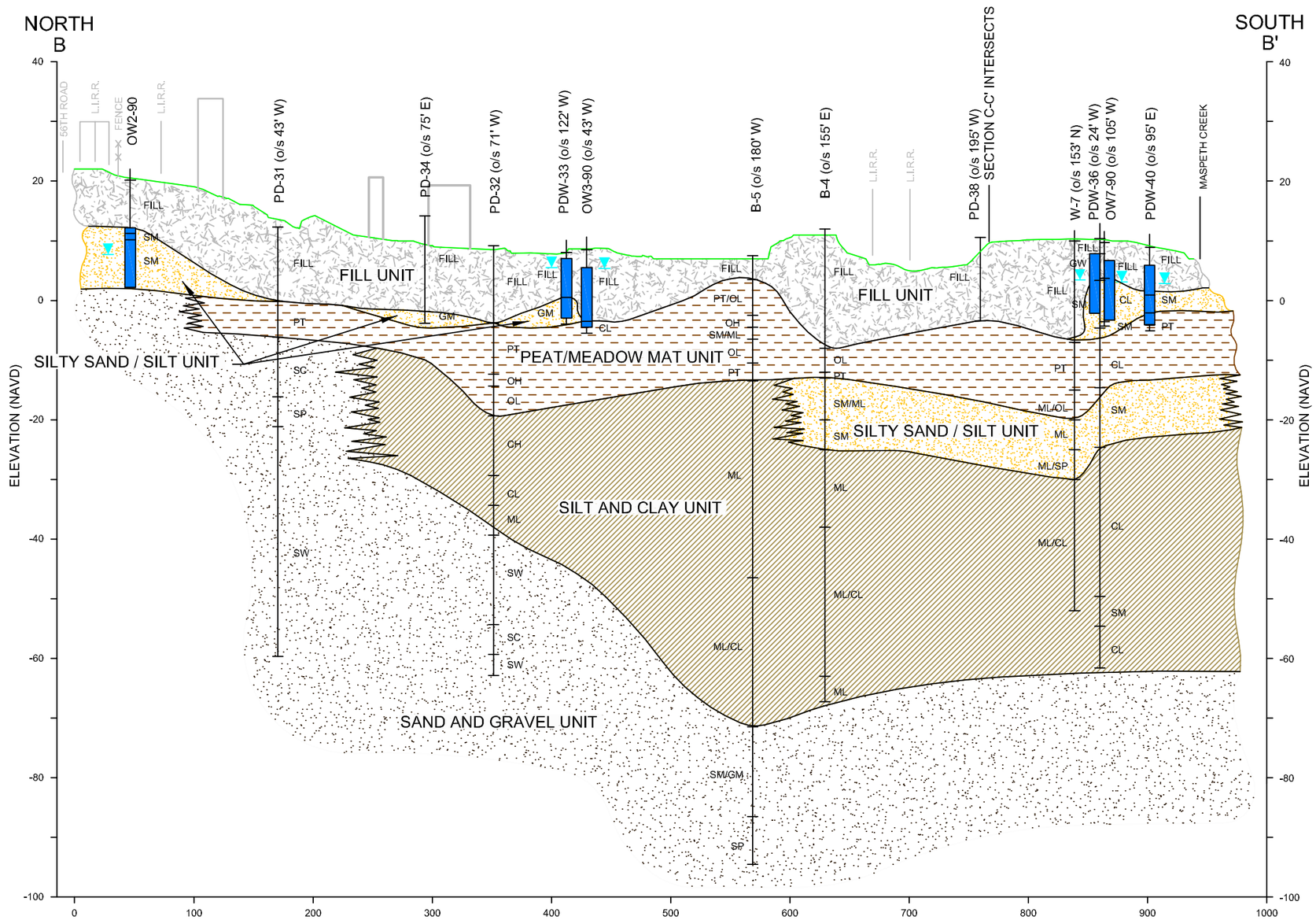
GP	GRAVEL, SAND MIX
GM	GRAVEL, SAND, SILT MIX
SW	SAND AND GRAVEL
SP	SAND
ML/CL	CLAY, SILT, SAND AND GRAVEL MIX (AS TILL)
ML	SILT
CL	CLAY
OL	ORGANIC SILTS AND CLAY
PT	PEAT

SOURCE:
REMEDIAL INVESTIGATION REPORT, CRA, NOVEMBER 2000

figure 7

GEOLOGIC CROSS-SECTION A-A'
LAUREL HILL SITE
Maspeth, N.Y.

02939-40(071)GN-WA002 JAN 20/2012



LEGEND

OW8-99 — WELL NAME

SW — LITHOLOGY IDENTIFIER

SCREENED INTERVAL

GROUNDWATER ELEVATION

LITHOLOGY

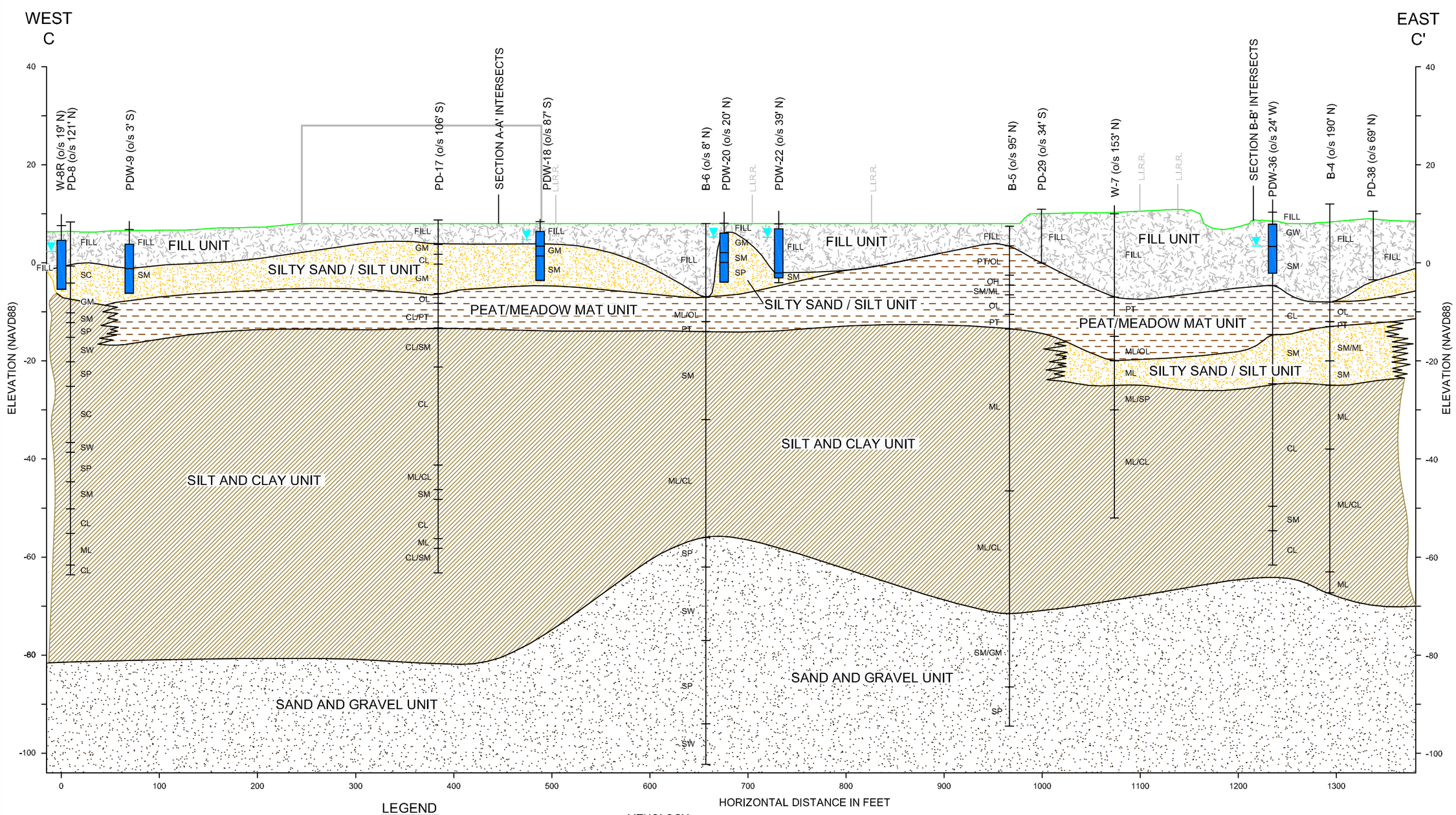
GP	GRAVEL, SAND MIX	ML/CL	CLAY, SILT, SAND AND GRAVEL MIX (AS TILL)
GM	GRAVEL, SAND, SILT MIX	ML	SILT
SW	SAND AND GRAVEL	CL	CLAY
SP	SAND	OL	ORGANIC SILTS AND CLAY
SM	SAND, SILT MIX	PT	PEAT

SOURCE:
REMEDIAL INVESTIGATION REPORT, CRA, NOVEMBER 2000

figure 8

GEOLOGIC CROSS-SECTION B-B'
LAUREL HILL SITE
Maspeth, N.Y.

02939-40(071)GN-WA003 JAN 20/2012



SOURCE:
REMEDIAL INVESTIGATION REPORT, CRA, NOVEMBER 2000

LEGEND

OW8-99 — WELL NAME

SW — LITHOLOGY IDENTIFIER

SCREENED INTERVAL

GROUNDWATER ELEVATION

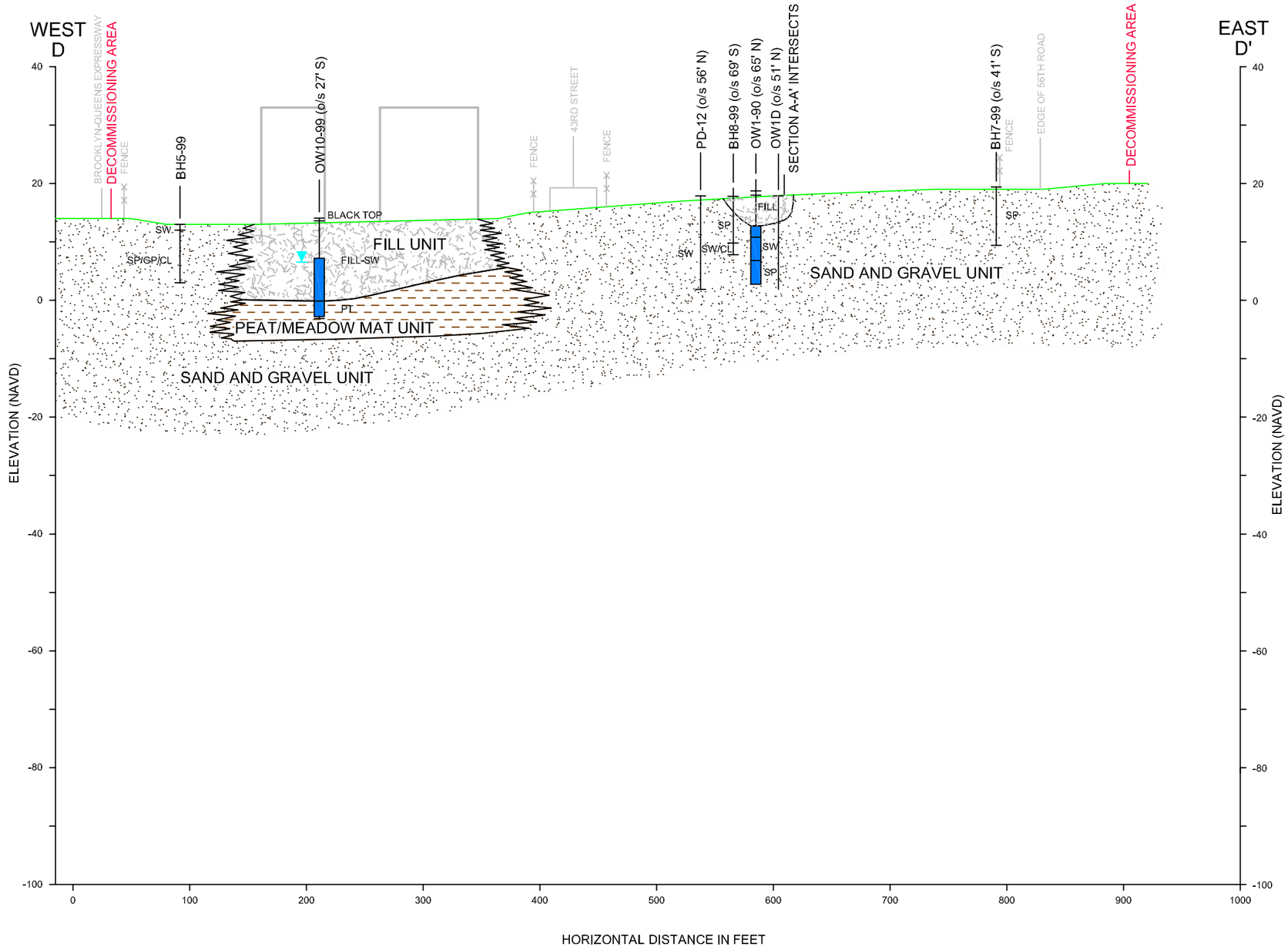
LITHOLOGY

GP	GRAVEL, SAND MIX	ML/CL	CLAY, SILT, SAND AND GRAVEL MIX (AS TILL)
GM	GRAVEL, SAND, SILT MIX	ML	SILT
SW	SAND AND GRAVEL	CL	CLAY
SP	SAND	OL	ORGANIC SILTS AND CLAY
SM	SAND, SILT MIX	PT	PEAT

figure 9

GEOLOGIC CROSS-SECTION C-C'
LAUREL HILL SITE
Maspeth, N.Y.

02939-40(071)GN-WA004 JAN 20/2012



LEGEND

OW8-99 — WELL NAME

SW — LITHOLOGY IDENTIFIER

SCREENED INTERVAL

GROUNDWATER ELEVATION

LITHOLOGY

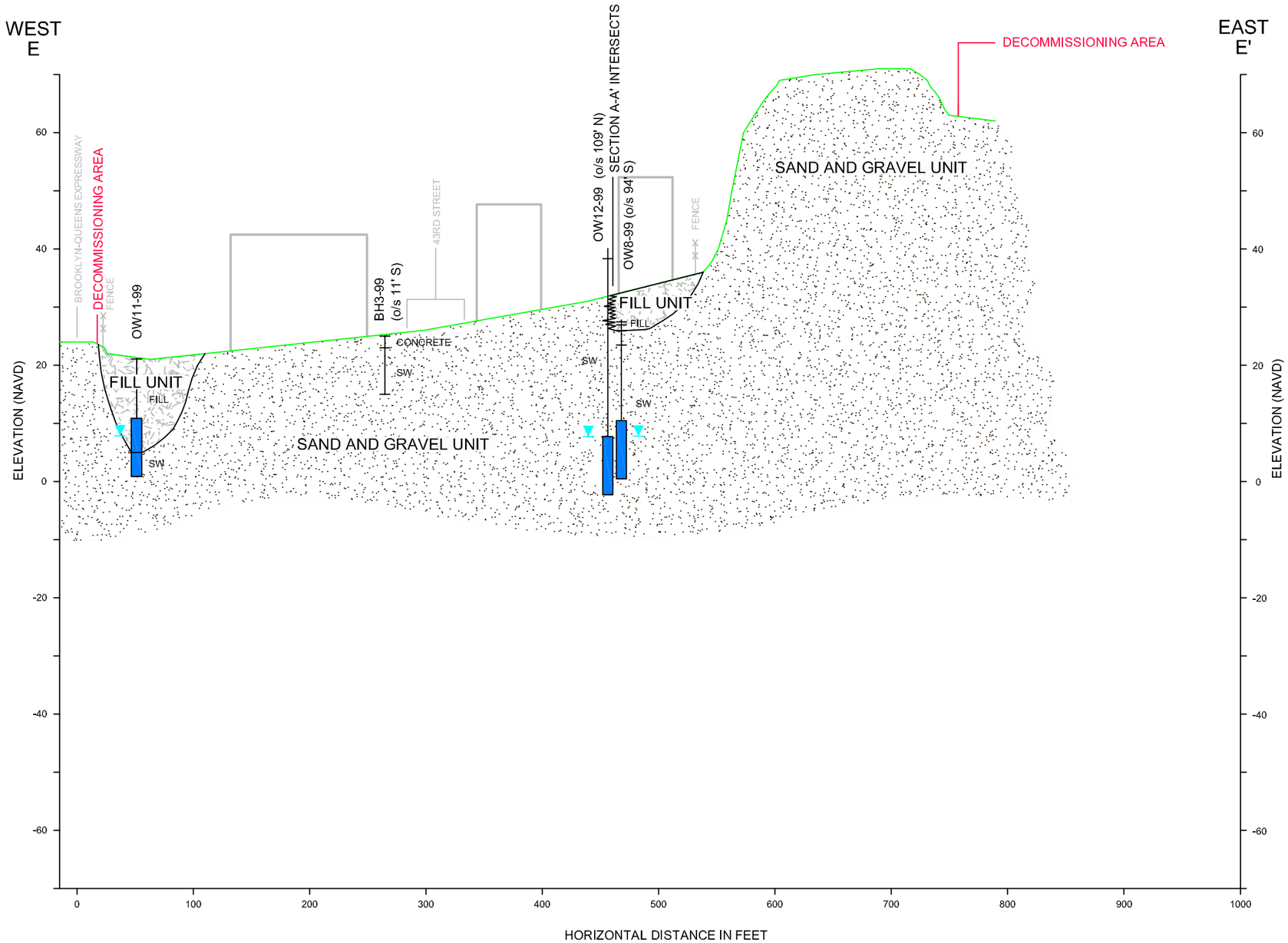
GP	GRAVEL, SAND MIX	ML/CL	CLAY, SILT, SAND AND GRAVEL MIX (AS TILL)
GM	GRAVEL, SAND, SILT MIX	ML	SILT
SW	SAND AND GRAVEL	CL	CLAY
SP	SAND	OL	ORGANIC SILTS AND CLAY
SM	SAND, SILT MIX	PT	PEAT

SOURCE:
REMEDIAL INVESTIGATION REPORT, CRA, NOVEMBER 2000

figure 10

GEOLOGIC CROSS-SECTION D-D'
LAUREL HILL SITE
Maspeth, N.Y.

02939-40(071)GN-WA005 JAN 20/2012



SOURCE:
REMEDIAL INVESTIGATION REPORT, CRA, NOVEMBER 2000

LEGEND

OW8-99 — WELL NAME

SW — LITHOLOGY IDENTIFIER

SCREENED INTERVAL

GROUNDWATER ELEVATION

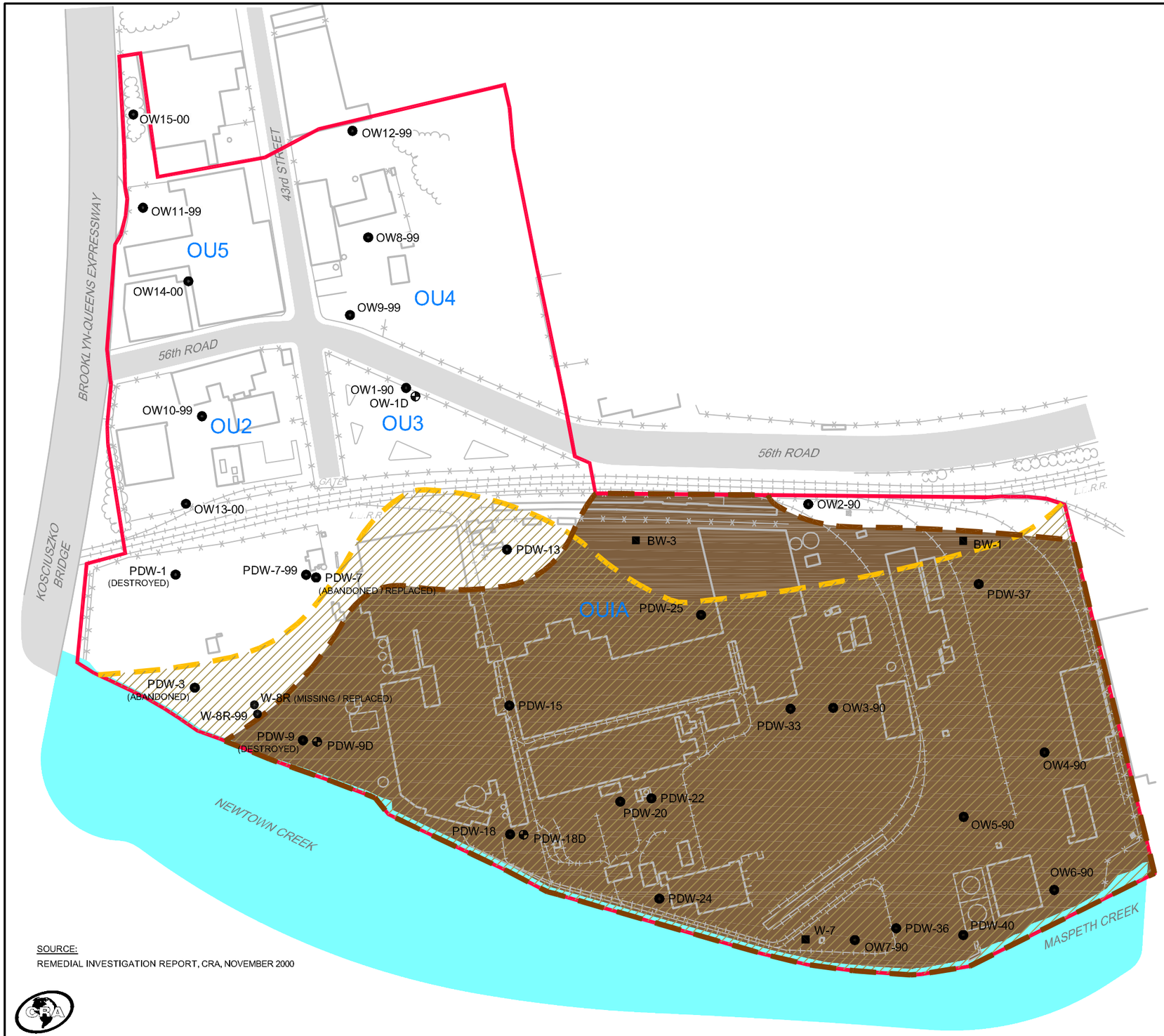
LITHOLOGY

GP	GRAVEL, SAND MIX	ML/CL	CLAY, SILT, SAND AND GRAVEL MIX (AS TILL)
GM	GRAVEL, SAND, SILT MIX	ML	SILT
SW	SAND AND GRAVEL	CL	CLAY
SP	SAND	OL	ORGANIC SILTS AND CLAY
SM	SAND, SILT MIX	PT	PEAT

figure 11

GEOLOGIC CROSS-SECTION E-E'
LAUREL HILL SITE
Maspeth, N.Y.

02939-40(071)GN-WA006 JAN 20/2012



SOURCE:
REMEDIAL INVESTIGATION REPORT, CRA, NOVEMBER 2000

0 100 200ft

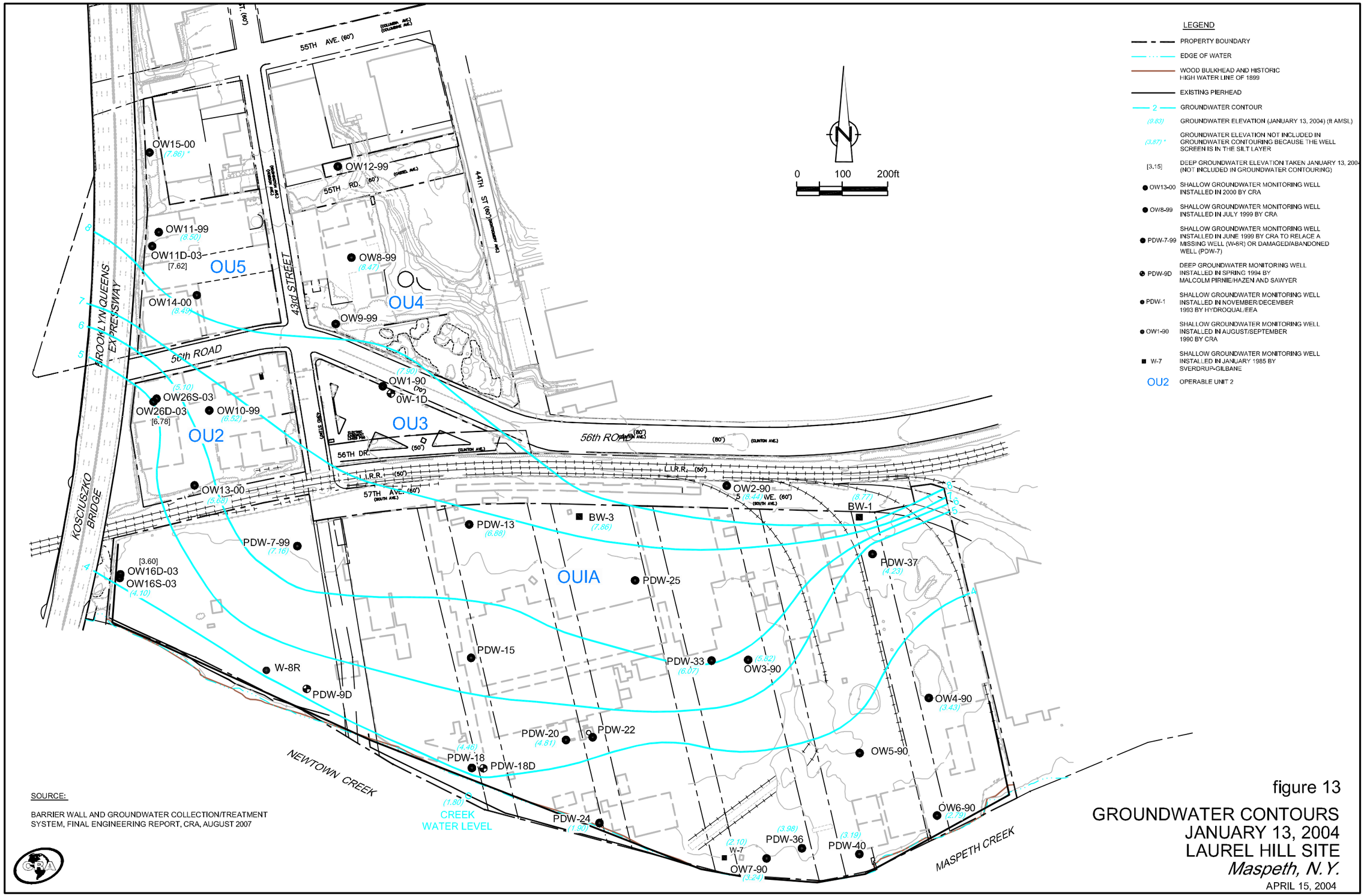
LEGEND

- DECOMMISSIONING AREA
- OW9-99 — SHALLOW GROUNDWATER MONITORING WELL INSTALLED IN JULY 1999 BY CRA
- PDW-7-99 — SHALLOW GROUNDWATER MONITORING WELL INSTALLED IN JUNE 1999 BY CRA TO REPLACE A MISSING WELL (W-8R) OR DAMAGED / ABANDONED WELL (PDW-7)
- PDW-9D, OW-1D — DEEP GROUNDWATER MONITORING WELL INSTALLED IN SPRING 1994 BY MALCOLM PIRNIE/HAZEN AND SAWYER
- PDW-1 — SHALLOW GROUNDWATER MONITORING WELL INSTALLED IN NOVEMBER/DECEMBER 1993 BY HYDROQUAL/EEA
- OW1-90 — SHALLOW GROUNDWATER MONITORING WELL INSTALLED IN AUGUST/SEPTEMBER 1990 BY CRA
- W-7, BW-1 — SHALLOW GROUNDWATER MONITORING WELL INSTALLED IN JANUARY 1985 BY SVERDRUP-GILBANE
- OU2 — OPERABLE UNIT 2
- APPROXIMATE EXTENT OF PEAT/MEADOW MAT UNIT BOUNDARY
- APPROXIMATE EXTENT OF SILT AND CLAY UNIT BOUNDARY

figure 12

EXTENT OF PEAT/MEADOW MAT AND SILT AND CLAY UNITS
LAUREL HILL SITE
Maspeth, N.Y.

02939-40(071)GN-WA007 JAN 20/2012



SOURCE:

BARRIER WALL AND GROUNDWATER COLLECTION/TREATMENT SYSTEM, FINAL ENGINEERING REPORT, CRA, AUGUST 2007

figure 13

GROUNDWATER CONTOURS
JANUARY 13, 2004
LAUREL HILL SITE
Maspeth, N.Y.

APRIL 15, 2004

02939-40(071)GN-WA009 JAN 20/2012

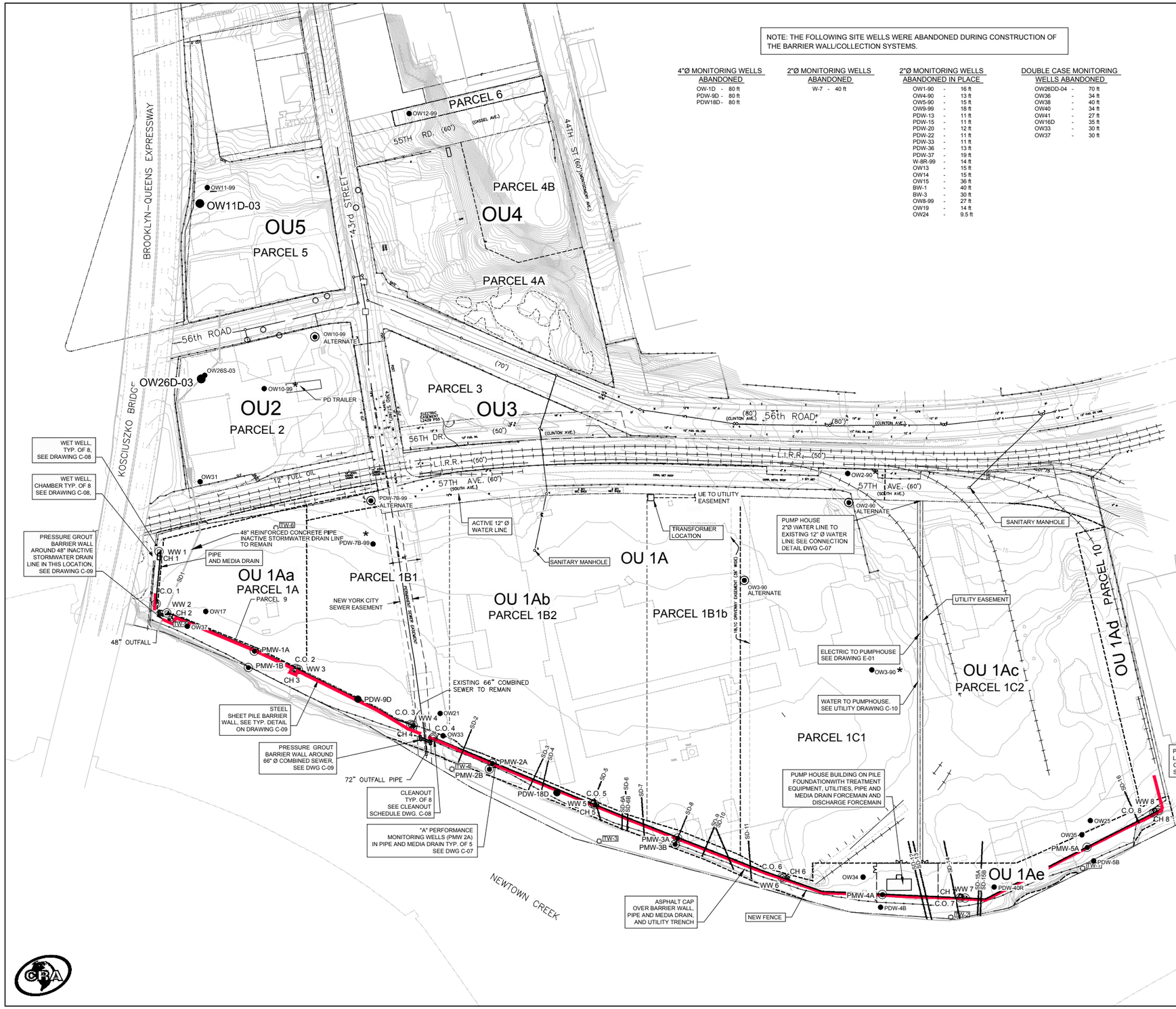
NOTE: THE FOLLOWING SITE WELLS WERE ABANDONED DURING CONSTRUCTION OF THE BARRIER WALL/COLLECTION SYSTEMS.

4"Ø MONITORING WELLS ABANDONED	
OW-1D	80 ft
PDW-9D	80 ft
PDW18D	80 ft

2"Ø MONITORING WELLS ABANDONED	
W-7	40 ft

2"Ø MONITORING WELLS ABANDONED IN PLACE	
OW1-90	16 ft
OW4-90	13 ft
OW5-90	15 ft
OW9-99	18 ft
PDW-13	11 ft
PDW-15	11 ft
PDW-20	12 ft
PDW-22	11 ft
PDW-33	11 ft
PDW-36	13 ft
PDW-37	19 ft
W-8R-99	14 ft
OW13	15 ft
OW14	15 ft
OW15	36 ft
BW-1	40 ft
BW-3	30 ft
OW8-99	27 ft
OW19	14 ft
OW24	9.5 ft

DOUBLE CASE MONITORING WELLS ABANDONED	
OW26DD-04	70 ft
OW36	34 ft
OW38	40 ft
OW40	34 ft
OW41	27 ft
OW16D	35 ft
OW33	30 ft
OW37	30 ft



LEGEND

- PROPERTY BOUNDARY
- EDGE OF WATER
- WOOD BULKHEAD AND HISTORIC HIGH WATER LINE OF 1899
- EXISTING PIERHEAD
- SURFACE CONTOUR
- OU2 OPERABLE UNIT 2
- SANITARY LINE
- COMBINED SEWER
- WATER LINE
- GAS LINE
- ELECTRICAL LINE
- STORM SEWER
- SUBDIVISION BOUNDARY
- EASEMENT
- MANHOLE LOCATION
- WW 8 MEDIA DRAIN WET WELL
- CH 1 MEDIA DRAIN WET WELL CHAMBER
- LOCATION OF BARRIER WALL
- PIPE AND MEDIA DRAIN
- TW-1 BENCHMARK
- SD-11 STORM DRAIN

MONITORING WELL LOCATION TO BE RETAINED

- PMW-1A PERFORMANCE MONITORING WELL LOCATION
- OW13-00 SHALLOW GROUNDWATER MONITORING WELL
- OW34-03 INTERMEDIATE GROUNDWATER MONITORING WELL
- OW11D-03 DEEP GROUNDWATER MONITORING WELL
- POTENTIAL ALTERNATE MONITORING WELL LOCATION
- OW3-90* WELL MAY BE REPLACED BY ALTERNATE MONITORING WELL LOCATION IN THE FUTURE

SOURCE:

LOCKWOOD, KESLER AND BARTLETT, INC.
BOUNDARY AND TOPOGRAPHIC SURVEY, APRIL 1998/2000.

OU1Aa, OU1Ab, OU1Ac, OU1Ad, OU1Ae AND DRIVEWAY EASEMENT BASED ON MONTROSE SURVEYING 57837-9_REC'D JUNE 9 2004.

BENCHMARKS

- TW-1 STAKE SET 10'± SOUTHERLY FROM 6' HIGH CHAIN LINK FENCE AND 5'± NORTHERLY FROM TIMBER BULKHEAD, ELEVATION 3.399', E 23581.917, N -50101.581.
- TW-2 X-CUT SET AT 5'± NORTHERLY FROM TIMBER BULKHEAD, ELEVATION 5.385', E 23324.982, N -50196.846.
- TW-3 X-CUT SET AT 3'± SOUTHERLY FROM TIMBER BULKHEAD, ELEVATION 6.655', E 22639.45, N -50048.773.
- TW-4 DISK SET AT 4'± SOUTHERLY FROM TIMBER BULKHEAD, ELEVATION 6.225', E 22352.486, N -49908.199.
- TW-5 X-CUT SET AT 16.5'± NORTHERLY FROM 6' HIGH CHAIN LINK FENCE, ELEVATION 5.635', E 21804.702, N -49615.087.
- TW-6 X-CUT SET 30'± SOUTHERLY FROM UTILITY POLE AT SOUTH SIDE OF 57th AVE., ELEVATION 7.7', E 22009.362, N -49437.837.

NOTES:

1. ALL ELEVATIONS REFERENCED TO QUEENS DATUM, 2.725' ABOVE MEAN SEA LEVEL AT SANDY HOOK (NGVD 1929)
2. 100 YEAR FLOOD ELEVATION IS 7.275' (QUEENS DATUM) 10' (NGVD 29)

figure 14

BARRIER WALL / GROUNDWATER COLLECTION SYSTEM LAUREL HILL SITE

Maspeth, N.Y.

02939-40(071)GN-WA028 MAY 14/2012

TABLE 1

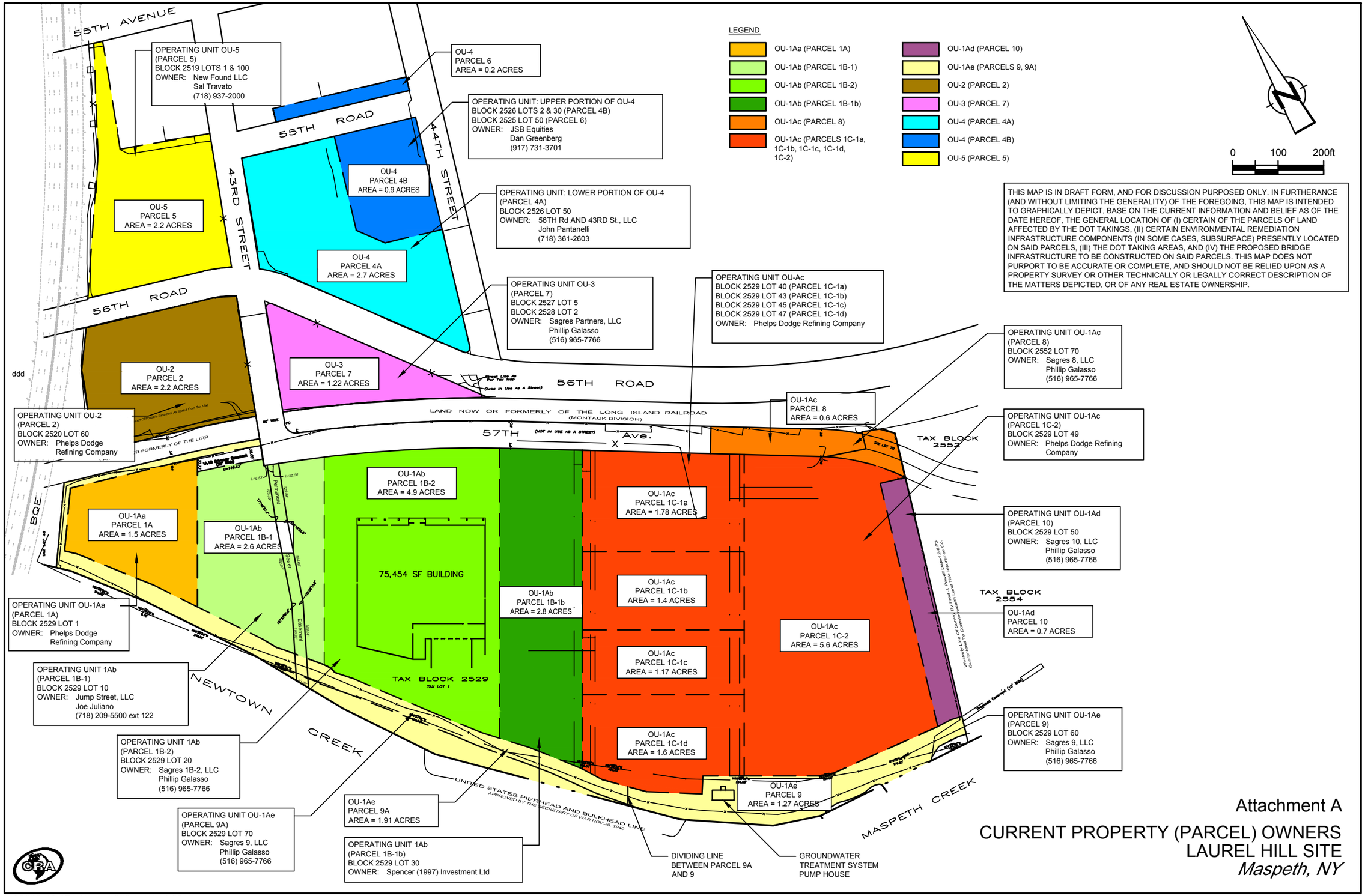
POTENTIAL AREAS OF CONCERN AND TRANSPORT PATHWAYS ASSESSMENT *
Phelps Dodge Refining Corporation - Laurel Hill Site

Potential Areas of Concern	*Media Impacted*					*COPCs*														*Potential Complete Historic or Current Pathway*					
						TPH			*VOCs*																
Description of Areas of Concern	*Surface Soil*	*Subsurface Soil*	*Groundwater*	*Catch Basin Solids*	*River Sediment*	*Gasoline-Range*	*Diesel – Range*	*Heavier – Range*	*Petroleum Related (e.g., BTEX)*	*VOCs*	*Chlorinated VOCs*	*SVOCs*	*PAHs*	*Phthalates*	*Phenolics*	*Metals*	*PCBs*	*Herbicides and Pesticides*	*Dioxins/Furans*	*Overland Transport*	*Groundwater*	*Direct Discharge – Overwater*	*Direct Discharge – Storm/Wastewater*	*Discharge to Sewer/CSO*	*Bank Erosion*
OU-1A	√	√	√	?	√	√	√	√	√	√	--	--	√	--	--	√	√	--	--	√	√	--	√	√	?
OU-2	√	√	√	?	--	√	√	√	√	√	--	--	√	--	--	√	--	--	--	--	√	--	√	√	--
OU-3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU-4	√	√	√	?	--	√	√	√	√	√	?**	--	√	√	--	√	√	--	--	--	√	--	--	√	--
OU-5	√	√	√	?	--	√	√	√	√	√	--	--	√	√	--	√	√	--	--	--	√	--	√	√	--
Overwater Activities	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	√	--	--	--
Spills	√	√	√	--	--	√	√	√	√	--	--	--	√	--	--	√	--	--	--	?	?	?	--	--	--

Notes:
* PDRC contends that it has performed extensive remedial action at the Site under NYDEC's supervision and that under current conditions potential pathways are not complete, as more fully explained in the text. As a result, it is PDRC's opinion that no further, targeted investigation of the Site is warranted.
** Chlorinated VOCs were detected in the groundwater at OU-4 in the most upgradient monitoring well. It is suspected that these COPCs are originating from an upgradient off site source
√ **-** COPCs are/were present in Areas of Concern having a current or historical pathway that is determined to be complete or potentially complete
? - There is not enough information to determine if COPC is/was present in Area of Concern or if pathway is complete
-- - Current or historical pathway has been investigated and shown to be not present or incomplete
COPCs – Constituents of Potential Concern
BTEX - Benzene, toluene, ethylbenzene, and xylenes
PAHs - Polycyclic aromatic hydrocarbons
SVOCs - Semi-volatile Organic Compounds
TPH - Total Petroleum Hydrocarbons
VOCs - Volatile Organic Compounds
Metals - Target Analyte List (TAL)

ATTACHMENT A

CURRENT PROPERTY (PARCEL) OWNER



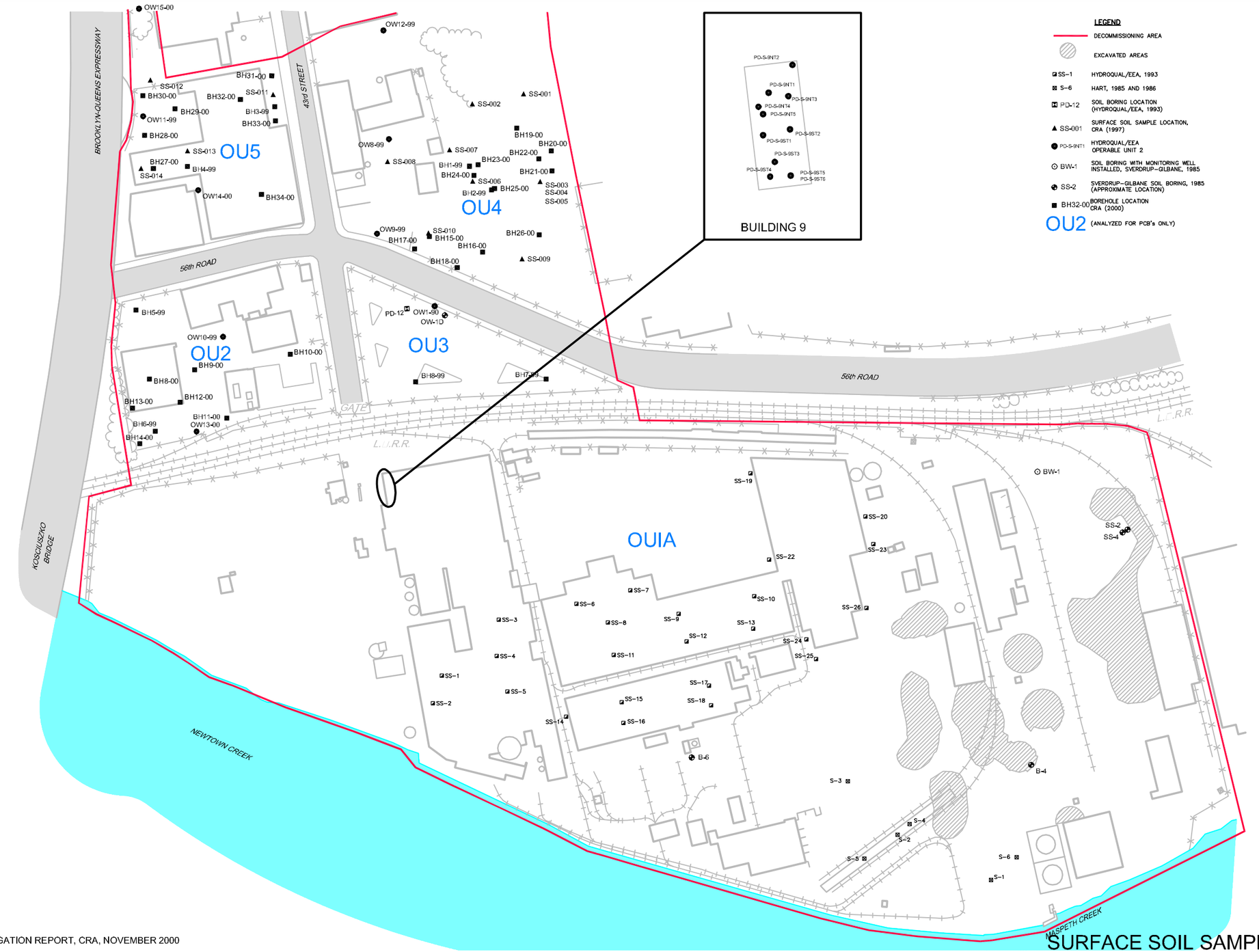
Attachment A

CURRENT PROPERTY (PARCEL) OWNERS
LAUREL HILL SITE
Maspeth, NY

02939-40(071)GN-WA029 MAY 14/2012

ATTACHMENT B

SURFACE SOIL SAMPLE DATA



SOURCE:
REMEDIAL INVESTIGATION REPORT, CRA, NOVEMBER 2000

figure B.1

SURFACE SOIL SAMPLE LOCATIONS
LAUREL HILL SITE
Maspeth, N.Y.

02939-40(071)GN-WA012 JAN 27/2012

figure B.2

BUILDING 39
SURFACE SOIL PCB SAMPLING LOCATIONS
LAUREL HILL SITE
Maspeth, N.Y.

02939-40(071)GN-WA013 JAN 27/2012

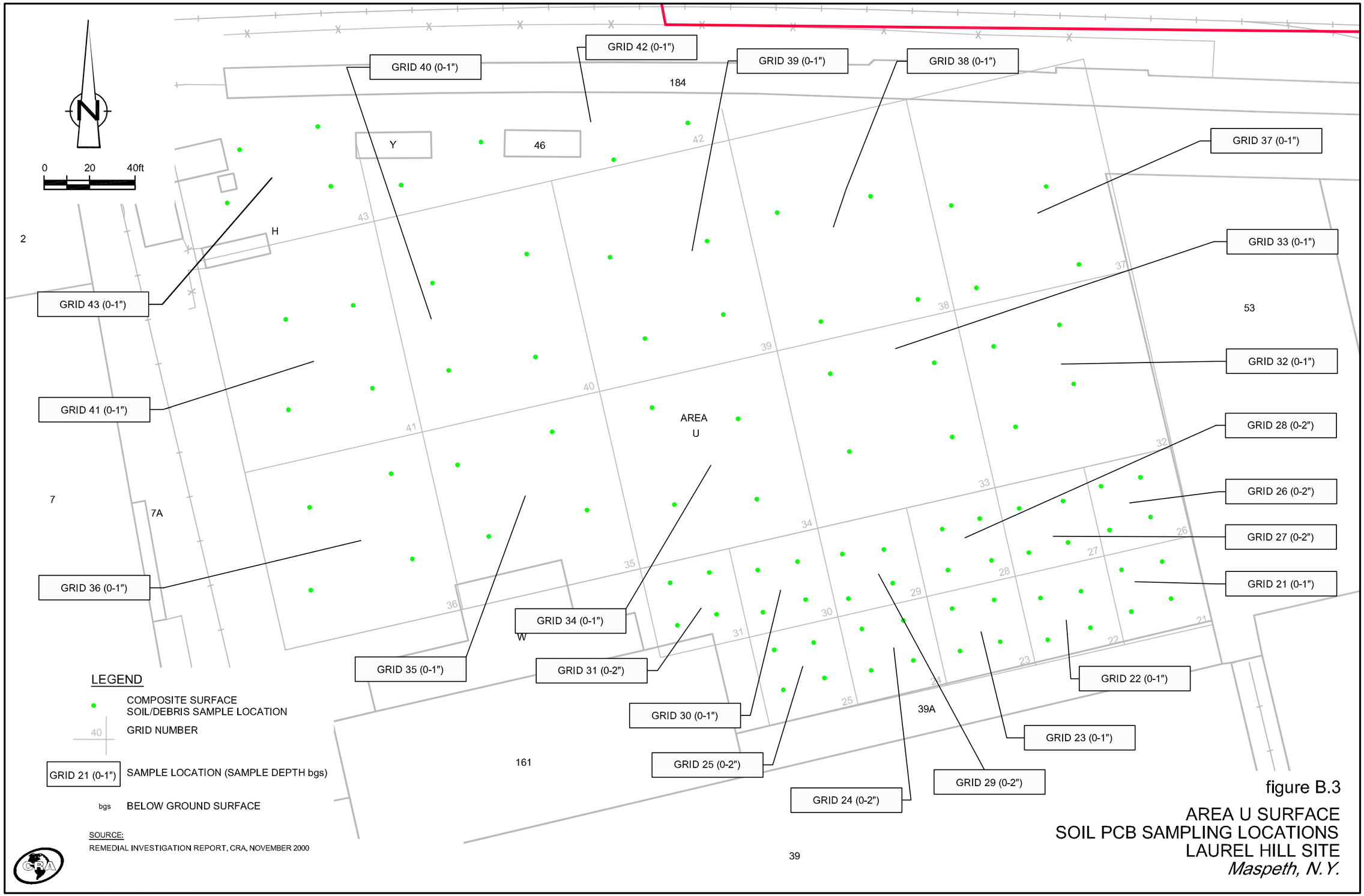


figure B.3

AREA U SURFACE
SOIL PCB SAMPLING LOCATIONS
LAUREL HILL SITE
Maspeth, N.Y.

02939-40(071)GN-WA014 JAN 27/2012

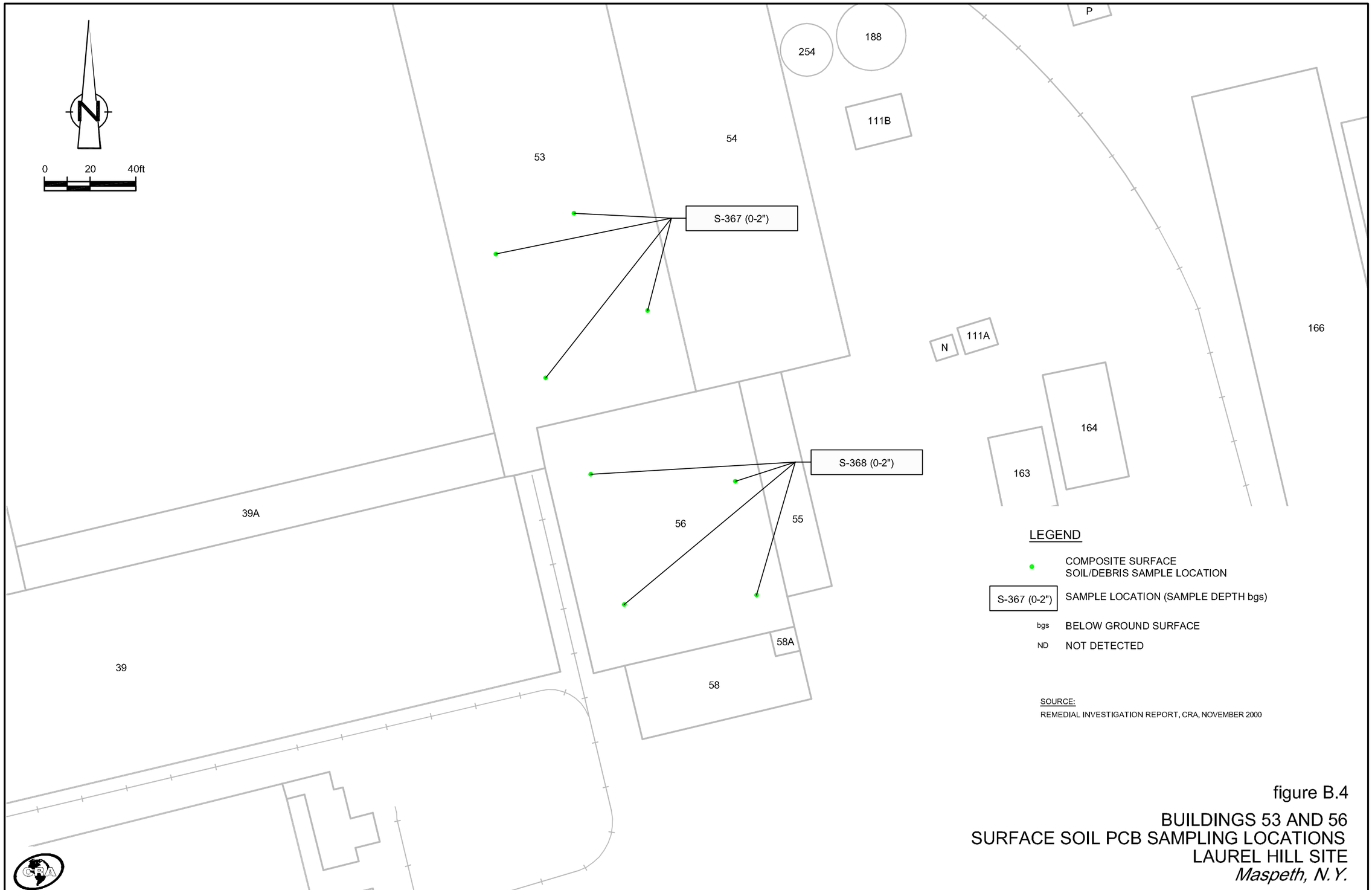


figure B.4

BUILDINGS 53 AND 56
SURFACE SOIL PCB SAMPLING LOCATIONS
LAUREL HILL SITE
Maspeth, N.Y.

02939-40(071)GN-WA015 JAN 27/2012

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:
Sample ID:
Sample Date:
Sample Depth:

Parameter	*Units*	*RUSCO Criteria*	*# of Samples*	*# of Detects*	*# of Exceedances*	*Min Detect*	*Max Detect*	*Min ND*	*Max ND*
Volatiles									
1,1,1-Trichloroethane	µg/kg	1000000	70	0	0	N/A	N/A	ND (10)	ND (1900)
1,1,2,2-Tetrachloroethane	µg/kg	-	70	1	N/A	1 J	1 J	ND (10)	ND (1900)
1,1,2-Trichloroethane	µg/kg	-	70	0	N/A	N/A	N/A	ND (10)	ND (1900)
1,1-Dichloroethane	µg/kg	480000	70	0	0	N/A	N/A	ND (10)	ND (1900)
1,1-Dichloroethene	µg/kg	1000000	70	0	0	N/A	N/A	ND (10)	ND (1900)
1,2,4-Trichlorobenzene	µg/kg	-	6	0	N/A	N/A	N/A	ND (11)	ND (12)
1,2,4-Trimethylbenzene	µg/kg	380000	1	0	0	N/A	N/A	ND (1)	ND (1)
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	6	0	N/A	N/A	N/A	ND (11)	ND (12)
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	6	0	N/A	N/A	N/A	ND (11)	ND (12)
1,2-Dichlorobenzene	µg/kg	1000000	6	0	0	N/A	N/A	ND (11)	ND (12)
1,2-Dichloroethane	µg/kg	60000	70	0	0	N/A	N/A	ND (10)	ND (1900)
1,2-Dichloroethene (total)	µg/kg	-	64	0	N/A	N/A	N/A	ND (10)	ND (1900)
1,2-Dichloropropane	µg/kg	-	70	0	N/A	N/A	N/A	ND (10)	ND (1900)
1,3,5-Trimethylbenzene	µg/kg	380000	1	0	0	N/A	N/A	ND (1)	ND (1)
1,3-Dichlorobenzene	µg/kg	560000	6	0	0	N/A	N/A	ND (11)	ND (12)
1,4-Dichlorobenzene	µg/kg	250000	6	0	0	N/A	N/A	ND (11)	ND (12)
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	70	1	0	2 J	2 J	ND (10)	ND (1900)
2-Hexanone	µg/kg	-	70	0	N/A	N/A	N/A	ND (10)	ND (1900)
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	1	0	0	N/A	N/A	ND (1)	ND (1)
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	70	0	N/A	N/A	N/A	ND (10)	ND (1900)
Acetone	µg/kg	1000000	70	28	0	2 J	5400	ND (10)	ND (7600)
Benzene	µg/kg	89000	71	11	0	1 J	19 J	ND (1)	ND (1900)
Bromodichloromethane	µg/kg	-	70	0	N/A	N/A	N/A	ND (10)	ND (1900)
Bromoform	µg/kg	-	70	0	N/A	N/A	N/A	ND (10)	ND (1900)
Bromomethane (Methyl bromide)	µg/kg	-	70	0	N/A	N/A	N/A	ND (10)	ND (1900)
Carbon disulfide	µg/kg	-	70	5	N/A	2 J	34 J	ND (10)	ND (1900)
Carbon tetrachloride	µg/kg	44000	70	0	0	N/A	N/A	ND (10)	ND (1900)
Chlorobenzene	µg/kg	1000000	70	4	0	1 J	3 J	ND (10)	ND (1900)
Chloroethane	µg/kg	-	70	1	N/A	3 J	3 J	ND (10)	ND (1900)
Chloroform (Trichloromethane)	µg/kg	700000	70	3	0	1 J	1 J	ND (10)	ND (1900)
Chloromethane (Methyl chloride)	µg/kg	-	70	1	N/A	1 J	1 J	ND (10)	ND (1900)
cis-1,2-Dichloroethene	µg/kg	1000000	7	0	0	N/A	N/A	ND (11)	ND (12)
cis-1,3-Dichloropropene	µg/kg	-	70	0	N/A	N/A	N/A	ND (10)	ND (1900)
Cyclohexane	µg/kg	-	6	0	N/A	N/A	N/A	ND (11)	ND (12)
Cymene (p-Isopropyltoluene)	µg/kg	-	1	0	N/A	N/A	N/A	ND (1)	ND (1)
Dibromochloromethane	µg/kg	-	70	0	N/A	N/A	N/A	ND (10)	ND (1900)
Dichlorodifluoromethane (CFC-12)	µg/kg	-	6	0	N/A	N/A	N/A	ND (11)	ND (12)
Ethylbenzene	µg/kg	780000	71	4	0	1 J	780 J	ND (1)	ND (1900)
Isopropyl benzene	µg/kg	-	7	0	N/A	N/A	N/A	ND (1)	ND (12)
m&p-Xylenes	µg/kg	-	7	0	N/A	N/A	N/A	ND (1)	ND (12)

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:
Sample ID:
Sample Date:
Sample Depth:

Parameter	*Units*	*RUSCO Criteria*	*# of Samples*	*# of Detects*	*# of Exceedances*	*Min Detect*	*Max Detect*	*Min ND*	*Max ND*
Methyl acetate	µg/kg	-	6	0	N/A	N/A	N/A	ND (11)	ND (12)
Methyl cyclohexane	µg/kg	-	6	0	N/A	N/A	N/A	ND (11)	ND (12)
Methyl tert butyl ether (MTBE)	µg/kg	1000000	7	0	0	N/A	N/A	ND (1)	ND (12)
Methylene chloride	µg/kg	1000000	70	7	0	1 J	470 J	ND (10)	ND (1900)
Naphthalene	µg/kg	1000000	1	0	0	N/A	N/A	ND (1)	ND (1)
N-Butylbenzene	µg/kg	1000000	1	0	0	N/A	N/A	ND (1)	ND (1)
N-Propylbenzene	µg/kg	1000000	1	0	0	N/A	N/A	ND (1)	ND (1)
o-Xylene	µg/kg	-	1	0	N/A	N/A	N/A	ND (1)	ND (1)
Styrene	µg/kg	-	70	0	N/A	N/A	N/A	ND (10)	ND (1900)
tert-Butylbenzene	µg/kg	1000000	1	0	0	N/A	N/A	ND (1)	ND (1)
Tetrachloroethene	µg/kg	300000	70	2	0	5 J	7 J	ND (10)	ND (1900)
Toluene	µg/kg	1000000	71	10	0	1 J	17 J	ND (1)	ND (1900)
trans-1,2-Dichloroethene	µg/kg	1000000	6	0	0	N/A	N/A	ND (11)	ND (12)
trans-1,3-Dichloropropene	µg/kg	-	70	0	N/A	N/A	N/A	ND (10)	ND (1900)
Trichloroethene	µg/kg	400000	70	1	0	3 J	3 J	ND (10)	ND (1900)
Trichlorofluoromethane (CFC-11)	µg/kg	-	6	0	N/A	N/A	N/A	ND (11)	ND (12)
Trifluorotrichloroethane (Freon 113)	µg/kg	-	6	0	N/A	N/A	N/A	ND (11)	ND (12)
Vinyl chloride	µg/kg	27000	70	0	0	N/A	N/A	ND (10)	ND (1900)
Xylenes (total)	µg/kg	1000000	71	11	0	2 J	6600	ND (1)	ND (1900)
Semi-Volatiles									
1,2,4-Trichlorobenzene	µg/kg	-	99	1	N/A	110 J	110 J	ND (340)	ND (72000)
1,2-Dichlorobenzene	µg/kg	1000000	99	0	0	N/A	N/A	ND (340)	ND (72000)
1,3-Dichlorobenzene	µg/kg	560000	99	0	0	N/A	N/A	ND (340)	ND (72000)
1,4-Dichlorobenzene	µg/kg	250000	99	0	0	N/A	N/A	ND (340)	ND (72000)
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	105	0	N/A	N/A	N/A	ND (340)	ND (72000)
2,4,5-Trichlorophenol	µg/kg	-	105	0	N/A	N/A	N/A	ND (850)	ND (180000)
2,4,6-Trichlorophenol	µg/kg	-	105	0	N/A	N/A	N/A	ND (340)	ND (72000)
2,4-Dichlorophenol	µg/kg	-	105	0	N/A	N/A	N/A	ND (340)	ND (72000)
2,4-Dimethylphenol	µg/kg	-	105	2	N/A	36 J	180 J	ND (340)	ND (72000)
2,4-Dinitrophenol	µg/kg	-	105	0	N/A	N/A	N/A	ND (730)	ND (180000)
2,4-Dinitrotoluene	µg/kg	-	105	0	N/A	N/A	N/A	ND (340)	ND (72000)
2,6-Dinitrotoluene	µg/kg	-	105	0	N/A	N/A	N/A	ND (340)	ND (72000)
2-Chloronaphthalene	µg/kg	-	105	0	N/A	N/A	N/A	ND (340)	ND (72000)
2-Chlorophenol	µg/kg	-	105	0	N/A	N/A	N/A	ND (340)	ND (72000)
2-Methylnaphthalene	µg/kg	-	112	42	N/A	90 J	30000 J	ND (330)	ND (1900)
2-Methylphenol	µg/kg	1000000	105	0	0	N/A	N/A	ND (340)	ND (72000)
2-Nitroaniline	µg/kg	-	105	0	N/A	N/A	N/A	ND (850)	ND (180000)
2-Nitrophenol	µg/kg	-	105	0	N/A	N/A	N/A	ND (340)	ND (72000)
3&4-Methylphenol	µg/kg	-	9	0	N/A	N/A	N/A	ND (350)	ND (390)
3,3'-Dichlorobenzidine	µg/kg	-	105	0	N/A	N/A	N/A	ND (340)	ND (72000)

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:
Sample ID:
Sample Date:
Sample Depth:

Parameter	*Units*	*RUSCO Criteria*	*# of Samples*	*# of Detects*	*# of Exceedances*	*Min Detect*	*Max Detect*	*Min ND*	*Max ND*
3-Nitroaniline	µg/kg	-	105	0	N/A	N/A	N/A	ND (850)	ND (180000)
4,6-Dinitro-2-methylphenol	µg/kg	-	105	0	N/A	N/A	N/A	ND (850)	ND (180000)
4-Bromophenyl phenyl ether	µg/kg	-	105	0	N/A	N/A	N/A	ND (340)	ND (72000)
4-Chloro-3-methylphenol	µg/kg	-	105	2	N/A	140 J	700	ND (340)	ND (72000)
4-Chloroaniline	µg/kg	-	105	0	N/A	N/A	N/A	ND (340)	ND (72000)
4-Chlorophenyl phenyl ether	µg/kg	-	105	0	N/A	N/A	N/A	ND (340)	ND (72000)
4-Methylphenol	µg/kg	1000000	96	1	0	80 J	80 J	ND (340)	ND (72000)
4-Nitroaniline	µg/kg	-	105	0	N/A	N/A	N/A	ND (850)	ND (180000)
4-Nitrophenol	µg/kg	-	105	0	N/A	N/A	N/A	ND (730)	ND (180000)
Acenaphthene	µg/kg	1000000	113	56	0	38 J	50000 J	ND (330)	ND (1800)
Acenaphthylene	µg/kg	1000000	105	45	0	67 J	20000 J	ND (340)	ND (72000)
Acetophenone	µg/kg	-	6	3	N/A	72 J	87 J	ND (350)	ND (390)
Anthracene	µg/kg	1000000	113	78	0	51 J	120000	ND (330)	ND (1800)
Atrazine	µg/kg	-	6	0	N/A	N/A	N/A	ND (350)	ND (390)
Benzaldehyde	µg/kg	-	6	2	N/A	110 J	110 J	ND (350)	ND (390) UJ
Benzo(a)anthracene	µg/kg	11000	113	94	6	40 J	250000	ND (330)	ND (510)
Benzo(a)pyrene	µg/kg	1100	113	95	46	47 J	180000	ND (330)	ND (510)
Benzo(b)fluoranthene	µg/kg	11000	113	99	6	54 J	180000	ND (330)	ND (510)
Benzo(g,h,i)perylene	µg/kg	1000000	113	90	0	49 J	110000	ND (330)	ND (510)
Benzo(k)fluoranthene	µg/kg	110000	113	93	1	65 J	160000	ND (330)	ND (510)
Benzoic acid	µg/kg	-	9	0	N/A	N/A	N/A	ND (370)	ND (510)
Benzyl alcohol	µg/kg	-	9	0	N/A	N/A	N/A	ND (370)	ND (510)
Biphenyl (1,1-Biphenyl)	µg/kg	-	6	0	N/A	N/A	N/A	ND (350)	ND (390)
bis(2-Chloroethoxy)methane	µg/kg	-	105	0	N/A	N/A	N/A	ND (340)	ND (72000)
bis(2-Chloroethyl)ether	µg/kg	-	105	0	N/A	N/A	N/A	ND (340)	ND (72000)
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	112	67	N/A	38 J	18000	ND (330)	ND (72000)
Butyl benzylphthalate (BBP)	µg/kg	-	105	19	N/A	44 J	11000	ND (340)	ND (72000)
Caprolactam	µg/kg	-	6	0	N/A	N/A	N/A	ND (350)	ND (390)
Carbazole	µg/kg	-	104	58	N/A	48 J	60000 J	ND (330)	ND (1800)
Chrysene	µg/kg	110000	113	97	2	78 J	240000	ND (330)	ND (510)
Dibenz(a,h)acridine	µg/kg	-	9	0	N/A	N/A	N/A	ND (370)	ND (510)
Dibenz(a,h)anthracene	µg/kg	1100	106	34	5	54 J	3000	ND (340)	ND (72000)
Dibenz(a,j)acridine	µg/kg	-	9	0	N/A	N/A	N/A	ND (370)	ND (510)
Dibenzo(a,h)pyrene	µg/kg	-	9	0	N/A	N/A	N/A	ND (370)	ND (510)
Dibenzo(a,i)pyrene	µg/kg	-	9	0	N/A	N/A	N/A	ND (370)	ND (510)
Dibenzofuran	µg/kg	1000000	112	47	0	72 J	41000	ND (330)	ND (1900)
Diethyl phthalate	µg/kg	-	105	0	N/A	N/A	N/A	ND (340)	ND (72000)
Dimethyl phthalate	µg/kg	-	105	1	N/A	410 J	410 J	ND (340)	ND (72000)
Di-n-butylphthalate (DBP)	µg/kg	-	105	19	N/A	38 J	3100	ND (340)	ND (72000)
Di-n-octyl phthalate (DnOP)	µg/kg	-	105	7	N/A	80 J	2900	ND (340)	ND (72000)
Fluoranthene	µg/kg	1000000	113	100	0	91 J	550000	ND (330)	ND (510)

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:
Sample ID:
Sample Date:
Sample Depth:

Parameter	*Units*	*RUSCO Criteria*	*# of Samples*	*# of Detects*	*# of Exceedances*	*Min Detect*	*Max Detect*	*Min ND*	*Max ND*
Fluorene	µg/kg	1000000	113	54	0	35 J	50000 J	ND (330)	ND (1800)
Hexachlorobenzene	µg/kg	12000	105	3	0	80 J	300 J	ND (340)	ND (72000)
Hexachlorobutadiene	µg/kg	-	105	0	N/A	N/A	N/A	ND (340)	ND (72000)
Hexachlorocyclopentadiene	µg/kg	-	105	0	N/A	N/A	N/A	ND (340)	ND (72000)
Hexachloroethane	µg/kg	-	105	0	N/A	N/A	N/A	ND (340)	ND (72000)
Indeno(1,2,3-cd)pyrene	µg/kg	11000	113	89	3	49 J	110000	ND (330)	ND (510)
Isophorone	µg/kg	-	105	1	N/A	2400	2400	ND (340)	ND (72000)
Naphthalene	µg/kg	1000000	113	57	0	67 J	63000	ND (330)	ND (1900)
Nitrobenzene	µg/kg	140000	105	0	0	N/A	N/A	ND (340)	ND (72000)
N-Nitrosodi-n-propylamine	µg/kg	-	105	1	N/A	300 J	300 J	ND (340)	ND (72000)
N-Nitrosodiphenylamine	µg/kg	-	105	1	N/A	350	350	ND (340)	ND (72000)
Pentachlorophenol	µg/kg	55000	105	0	0	N/A	N/A	ND (850)	ND (180000)
Phenanthrene	µg/kg	1000000	113	98	0	64 J	560000	ND (330)	ND (510)
Phenol	µg/kg	1000000	105	3	0	230 J	1300	ND (340)	ND (72000)
Pyrene	µg/kg	1000000	113	101	0	91 J	490000	ND (330)	ND (510)
Metals									
Aluminum	µg/kg	-	138	138	N/A	82900	16400000	N/A	N/A
Antimony	µg/kg	-	138	113	N/A	250 J	317000 J	ND (180) J	ND (15600) J
Arsenic	µg/kg	16000	138	138	91	690	4860000 J	N/A	N/A
Barium	µg/kg	10000000	138	138	0	8100	1960000	N/A	N/A
Beryllium	µg/kg	2700000	138	126	0	130	39200	ND (110)	ND (290) UN
Cadmium	µg/kg	60000	138	125	0	20	49100	ND (11)	ND (1200)
Calcium	µg/kg	-	138	138	N/A	63200	138000000	N/A	N/A
Chromium	µg/kg	-	138	138	N/A	470	373000	N/A	N/A
Cobalt	µg/kg	-	138	138	N/A	1700	1310000	N/A	N/A
Copper	µg/kg	10000000	138	138	40	10100	187000000	N/A	N/A
Iron	µg/kg	-	138	138	N/A	254000	172000000	N/A	N/A
Lead	µg/kg	3900000	138	138	5	4200	11900000	N/A	N/A
Magnesium	µg/kg	-	138	138	N/A	21900 BE	67700000	N/A	N/A
Manganese	µg/kg	10000000	138	138	0	2900	3270000	N/A	N/A
Mercury	µg/kg	5700	154	140	18	23 J	562000	ND (18)	ND (160)
Nickel	µg/kg	10000000	138	138	0	3000	4060000 J	N/A	N/A
Potassium	µg/kg	-	138	131	N/A	173000 B	2340000	ND (90300)	ND (463000)
Selenium	µg/kg	6800000	138	125	0	340 J	179000	ND (240) UJ	ND (9500)
Silver	µg/kg	6800000	138	133	0	170	293000 J	ND (100)	ND (2100)
Sodium	µg/kg	-	138	128	N/A	37600	4510000	ND (92000)	ND (648000)
Thallium	µg/kg	-	138	66	N/A	28	14300	ND (110)	ND (24000)
Vanadium	µg/kg	-	138	135	N/A	500	210000	ND (330)	ND (350)
Zinc	µg/kg	10000000	138	137	4	4800	28800000	ND (3400) E	ND (3400) E

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:
Sample ID:
Sample Date:
Sample Depth:

Parameter	*Units*	*RUSCO Criteria*	*# of Samples*	*# of Detects*	*# of Exceedances*	*Min Detect*	*Max Detect*	*Min ND*	*Max ND*
PCBs									
Aroclor-1016 (PCB-1016)	µg/kg	-	549	1	N/A	1100	1100	ND (18)	ND (300000)
Aroclor-1221 (PCB-1221)	µg/kg	-	549	1	N/A	13000	13000	ND (18)	ND (600000)
Aroclor-1232 (PCB-1232)	µg/kg	-	549	0	N/A	N/A	N/A	ND (18)	ND (620000)
Aroclor-1242 (PCB-1242)	µg/kg	-	549	0	N/A	N/A	N/A	ND (18)	ND (300000)
Aroclor-1248 (PCB-1248)	µg/kg	-	548	81	N/A	280	130000	ND (18)	ND (620000)
Aroclor-1254 (PCB-1254)	µg/kg	-	550	421	N/A	15 J	3800000	ND (18)	ND (300000) J
Aroclor-1260 (PCB-1260)	µg/kg	-	549	169	N/A	30 J	36000000	ND (18)	ND (620000)
Total PCBs	µg/kg	-	550	442	N/A	22	36000000	ND	ND
Pesticides									
4,4'-DDD	µg/kg	180000	62	10	0	2.9 J	35 J	ND (1.8)	ND (200)
4,4'-DDE	µg/kg	120000	62	12	0	2.4 J	59	ND (1.8)	ND (200)
4,4'-DDT	µg/kg	94000	62	11	0	7.2 J	300 J	ND (3.4)	ND (400)
Aldrin	µg/kg	1400	62	6	0	1.9 J	26 J	ND (1.4)	ND (160)
alpha-BHC	µg/kg	6800	62	9	0	1.5	4.1	ND (0.89)	ND (100)
alpha-Chlordane	µg/kg	47000	62	9	0	2.7	160	ND (1.7)	ND (200)
beta-BHC	µg/kg	14000	62	0	0	N/A	N/A	ND (1.7)	ND (200)
delta-BHC	µg/kg	1000000	62	2	0	2.5 J	16	ND (1.7)	ND (200)
Dieldrin	µg/kg	2800	62	9	0	3.4 J	370	ND (1.8)	ND (200)
Endosulfan I	µg/kg	920000	62	10	0	2.1 J	160	ND (1.7)	ND (200)
Endosulfan II	µg/kg	920000	62	5	0	2.0 J	16	ND (1.8)	ND (200)
Endosulfan sulfate	µg/kg	920000	62	11	0	2.4 J	33	ND (3.4)	ND (400)
Endrin	µg/kg	410000	62	7	0	4.0 J	25 J	ND (1.8)	ND (200)
Endrin aldehyde	µg/kg	-	62	15	N/A	2.7 J	43	ND (1.8)	ND (200)
Endrin ketone	µg/kg	-	62	11	N/A	2.4 J	49 J	ND (1.8)	ND (200)
gamma-BHC (lindane)	µg/kg	23000	62	1	0	1.1 J	1.1 J	ND (1.7)	ND (200)
gamma-Chlordane	µg/kg	-	62	8	N/A	1.3 J	11	ND (1.7)	ND (200)
Heptachlor	µg/kg	29000	62	0	0	N/A	N/A	ND (1.4)	ND (160)
Heptachlor epoxide	µg/kg	-	62	10	N/A	1.2 J	43	ND (1.7)	ND (400)
Methoxychlor	µg/kg	-	62	0	N/A	N/A	N/A	ND (14)	ND (1600)
Toxaphene	µg/kg	-	62	0	N/A	N/A	N/A	ND (8.9)	ND (1900)
Petroleum Hydrocarbons									
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	25	3	N/A	390	5700	ND (220)	ND (260)
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	25	25	N/A	25000	4100000 J	N/A	N/A
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	1	1	N/A	110000	110000	N/A	N/A

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:
Sample ID:
Sample Date:
Sample Depth:

Parameter	*Units*	*RUSCO Criteria*	*# of Samples*	*# of Detects*	*# of Exceedances*	*Min Detect*	*Max Detect*	*Min ND*	*Max ND*
General Chemistry									
Chemical oxygen demand (COD)	µg/kg	-	25	10	N/A	675000	2160000	ND (278000)	ND (323000)
Cyanide (total)	µg/kg	10000000	61	2	0	1700	2700	ND (510)	ND (1500)
Nitrogen	µg/kg	-	25	0	N/A	N/A	N/A	ND (5560)	ND (6460)
Oil and grease	µg/kg	-	39	18	N/A	396000	11900000	ND (1000000)	ND (1400000)
Oil and grease (HEM), total	µg/kg	-	25	25	N/A	163000	9660000	N/A	N/A
Percent moisture	%	-	52	52	N/A	5.9	23.5	N/A	N/A
pH	s.u.	-	10	10	N/A	4.74	8.36	N/A	N/A
pH (water)	s.u.	-	25	25	N/A	6.8	11.2	N/A	N/A
Total organic carbon (TOC)	µg/kg	-	10	10	N/A	414000	127000000	N/A	N/A
Total Petroleum Hydrocarbons	µg/kg	-	37	31	N/A	56000	8320000	ND (51000)	ND (71000)
Total solids	%	-	118	118	N/A	69.6	99.8	N/A	N/A
Total volatile solids	%	-	25	25	N/A	2.3	7.3	N/A	N/A

Notes:

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference (Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:				*001*	*002*	*2B*	*003*	*006*	*007*	*008*
Sample ID:				*DM-001*	*DM-002*	*2B*	*DM-003*	*DM-006*	*DM-007*	*DM-008*
Sample Date:				*11/20/1997*	*11/20/1997*	*11/30/1993*	*11/20/1997*	*11/20/1997*	*11/20/1997*	*11/20/1997*
Sample Depth:				*0-1 ft BGS*	*0-1 ft BGS*	*-*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*	*Max Location*							
Volatiles										
1,1,1-Trichloroethane	µg/kg	1000000	N/A	ND (11)	ND (11)	-	ND (11) UJ	ND (11)	ND (12)	ND (11)
1,1,2,2-Tetrachloroethane	µg/kg	-	008	ND (11)	ND (11)	-	ND (11) UJ	ND (11)	ND (12)	1 J
1,1,2-Trichloroethane	µg/kg	-	N/A	ND (11)	ND (11)	-	ND (11) UJ	ND (11)	ND (12)	ND (11)
1,1-Dichloroethane	µg/kg	480000	N/A	ND (11)	ND (11)	-	ND (11) UJ	ND (11)	ND (12)	ND (11)
1,1-Dichloroethene	µg/kg	1000000	N/A	ND (11)	ND (11)	-	ND (11) UJ	ND (11)	ND (12)	ND (11)
1,2,4-Trichlorobenzene	µg/kg	-	N/A	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	N/A	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	N/A	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	N/A	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	N/A	-	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	N/A	ND (11)	ND (11)	-	ND (11) UJ	ND (11)	ND (12)	ND (11)
1,2-Dichloroethene (total)	µg/kg	-	N/A	ND (11)	ND (11)	-	ND (11) UJ	ND (11)	ND (12)	ND (11)
1,2-Dichloropropane	µg/kg	-	N/A	ND (11)	ND (11)	-	ND (11) UJ	ND (11)	ND (12)	ND (11)
1,3,5-Trimethylbenzene	µg/kg	380000	N/A	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	N/A	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	N/A	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	OW11-99	ND (11)	ND (11)	-	ND (11) UJ	ND (11)	ND (12)	ND (11)
2-Hexanone	µg/kg	-	N/A	ND (11)	ND (11)	-	ND (11) UJ	ND (11)	ND (12)	ND (11)
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	N/A	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	N/A	ND (11)	ND (11)	-	ND (11) UJ	ND (11)	ND (12)	ND (11)
Acetone	µg/kg	1000000	SS17	ND (11)	4 J	-	4 J	3 J	ND (12)	ND (11)
Benzene	µg/kg	89000	003	7 J	6 J	-	19 J	1 J	4 J	ND (11)
Bromodichloromethane	µg/kg	-	N/A	ND (11)	ND (11)	-	ND (11) UJ	ND (11)	ND (12)	ND (11)
Bromoform	µg/kg	-	N/A	ND (11)	ND (11)	-	ND (11) UJ	ND (11)	ND (12)	ND (11)
Bromomethane (Methyl bromide)	µg/kg	-	N/A	ND (11)	ND (11)	-	ND (11) UJ	ND (11)	ND (12)	ND (11)
Carbon disulfide	µg/kg	-	SS25M	ND (11)	ND (11)	-	ND (11) UJ	ND (11)	ND (12)	ND (11)
Carbon tetrachloride	µg/kg	44000	N/A	ND (11)	ND (11)	-	ND (11) UJ	ND (11)	ND (12)	ND (11)
Chlorobenzene	µg/kg	1000000	SS6	1 J	ND (11)	-	ND (11) UJ	ND (11)	ND (12)	ND (11)
Chloroethane	µg/kg	-	014	ND (11)	ND (11)	-	ND (11) UJ	ND (11)	ND (12)	ND (11)
Chloroform (Trichloromethane)	µg/kg	700000	012/013/BH1-99	ND (11)	ND (11)	-	ND (11) UJ	ND (11)	ND (12)	ND (11)
Chloromethane (Methyl chloride)	µg/kg	-	012	ND (11)	ND (11)	-	ND (11) UJ	ND (11)	ND (12)	ND (11)
cis-1,2-Dichloroethene	µg/kg	1000000	N/A	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	N/A	ND (11)	ND (11)	-	ND (11) UJ	ND (11)	ND (12)	ND (11)
Cyclohexane	µg/kg	-	N/A	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	N/A	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	N/A	ND (11)	ND (11)	-	ND (11) UJ	ND (11)	ND (12)	ND (11)
Dichlorodifluoromethane (CFC-12)	µg/kg	-	N/A	-	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	SS20	3 J	ND (11)	-	ND (11) UJ	ND (11)	ND (12)	ND (11)
Isopropyl benzene	µg/kg	-	N/A	-	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	N/A	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:				*001*	*002*	*2B*	*003*	*006*	*007*	*008*
Sample ID:				*DM-001*	*DM-002*	*2B*	*DM-003*	*DM-006*	*DM-007*	*DM-008*
Sample Date:				*11/20/1997*	*11/20/1997*	*11/30/1993*	*11/20/1997*	*11/20/1997*	*11/20/1997*	*11/20/1997*
Sample Depth:				*0-1 ft BGS*	*0-1 ft BGS*	*-*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*	*Max Location*							
Methyl acetate	µg/kg	-	N/A	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	N/A	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	N/A	-	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	SS11	ND (11)	ND (11)	-	31 J	ND (11)	ND (12)	ND (11)
Naphthalene	µg/kg	1000000	N/A	-	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	N/A	-	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	N/A	-	-	-	-	-	-	-
o-Xylene	µg/kg	-	N/A	-	-	-	-	-	-	-
Styrene	µg/kg	-	N/A	ND (11)	ND (11)	-	ND (11) UJ	ND (11)	ND (12)	ND (11)
tert-Butylbenzene	µg/kg	1000000	N/A	-	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	SS9	ND (11)	ND (11)	-	ND (11) UJ	ND (11)	ND (12)	ND (11)
Toluene	µg/kg	1000000	SS25S	3 J	ND (11)	-	4 J	ND (11)	ND (12)	ND (11)
trans-1,2-Dichloroethene	µg/kg	1000000	N/A	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	N/A	ND (11)	ND (11)	-	ND (11) UJ	ND (11)	ND (12)	ND (11)
Trichloroethene	µg/kg	400000	SS6	ND (11)	ND (11)	-	ND (11) UJ	ND (11)	ND (12)	ND (11)
Trichlorofluoromethane (CFC-11)	µg/kg	-	N/A	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	N/A	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	N/A	ND (11)	ND (11)	-	ND (11) UJ	ND (11)	ND (12)	ND (11)
Xylenes (total)	µg/kg	1000000	SS20	5 J	ND (11)	-	3 J	ND (11)	ND (12)	ND (11)
Semi-Volatiles										
1,2,4-Trichlorobenzene	µg/kg	-	BH6-99	ND (1800)	ND (1800)	-	ND (1900)	ND (360)	ND (380)	ND (370)
1,2-Dichlorobenzene	µg/kg	1000000	N/A	ND (1800)	ND (1800)	-	ND (1900)	ND (360)	ND (380)	ND (370)
1,3-Dichlorobenzene	µg/kg	560000	N/A	ND (1800)	ND (1800)	-	ND (1900)	ND (360)	ND (380)	ND (370)
1,4-Dichlorobenzene	µg/kg	250000	N/A	ND (1800)	ND (1800)	-	ND (1900)	ND (360)	ND (380)	ND (370)
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	N/A	ND (1800)	ND (1800)	-	ND (1900)	ND (360)	ND (380)	ND (370)
2,4,5-Trichlorophenol	µg/kg	-	N/A	ND (4500)	ND (4600)	-	ND (4700)	ND (910)	ND (960)	ND (920)
2,4,6-Trichlorophenol	µg/kg	-	N/A	ND (1800)	ND (1800)	-	ND (1900)	ND (360)	ND (380)	ND (370)
2,4-Dichlorophenol	µg/kg	-	N/A	ND (1800)	ND (1800)	-	ND (1900)	ND (360)	ND (380)	ND (370)
2,4-Dimethylphenol	µg/kg	-	BH6-99	ND (1800)	ND (1800)	-	ND (1900)	ND (360)	ND (380)	ND (370)
2,4-Dinitrophenol	µg/kg	-	N/A	ND (4500)	ND (4600)	-	ND (4700)	ND (910)	ND (960)	ND (920)
2,4-Dinitrotoluene	µg/kg	-	N/A	ND (1800)	ND (1800)	-	ND (1900)	ND (360)	ND (380)	ND (370)
2,6-Dinitrotoluene	µg/kg	-	N/A	ND (1800)	ND (1800)	-	ND (1900)	ND (360)	ND (380)	ND (370)
2-Chloronaphthalene	µg/kg	-	N/A	ND (1800)	ND (1800)	-	ND (1900)	ND (360)	ND (380)	ND (370)
2-Chlorophenol	µg/kg	-	N/A	ND (1800)	ND (1800)	-	ND (1900)	ND (360)	ND (380)	ND (370)
2-Methylnaphthalene	µg/kg	-	OU-4-BH-43	280 J	ND (1800)	-	250 J	ND (360)	ND (380)	ND (370)
2-Methylphenol	µg/kg	1000000	N/A	ND (1800)	ND (1800)	-	ND (1900)	ND (360)	ND (380)	ND (370)
2-Nitroaniline	µg/kg	-	N/A	ND (4500)	ND (4600)	-	ND (4700)	ND (910)	ND (960)	ND (920)
2-Nitrophenol	µg/kg	-	N/A	ND (1800)	ND (1800)	-	ND (1900)	ND (360)	ND (380)	ND (370)
3&4-Methylphenol	µg/kg	-	N/A	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	N/A	ND (1800)	ND (1800)	-	ND (1900)	ND (360)	ND (380)	ND (370)

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:				*001*	*002*	*2B*	*003*	*006*	*007*	*008*
Sample ID:				*DM-001*	*DM-002*	*2B*	*DM-003*	*DM-006*	*DM-007*	*DM-008*
Sample Date:				*11/20/1997*	*11/20/1997*	*11/30/1993*	*11/20/1997*	*11/20/1997*	*11/20/1997*	*11/20/1997*
Sample Depth:				*0-1 ft BGS*	*0-1 ft BGS*	*-*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*	*Max Location*							
3-Nitroaniline	µg/kg	-	N/A	ND (4500)	ND (4600)	-	ND (4700)	ND (910)	ND (960)	ND (920)
4,6-Dinitro-2-methylphenol	µg/kg	-	N/A	ND (4500)	ND (4600)	-	ND (4700)	ND (910)	ND (960)	ND (920)
4-Bromophenyl phenyl ether	µg/kg	-	N/A	ND (1800)	ND (1800)	-	ND (1900)	ND (360)	ND (380)	ND (370)
4-Chloro-3-methylphenol	µg/kg	-	SS15	ND (1800)	ND (1800)	-	ND (1900)	ND (360)	ND (380)	ND (370)
4-Chloroaniline	µg/kg	-	N/A	ND (1800)	ND (1800)	-	ND (1900)	ND (360)	ND (380)	ND (370)
4-Chlorophenyl phenyl ether	µg/kg	-	N/A	ND (1800)	ND (1800)	-	ND (1900)	ND (360)	ND (380)	ND (370)
4-Methylphenol	µg/kg	1000000	OW10-99	ND (1800)	ND (1800)	-	ND (1900)	ND (360)	ND (380)	ND (370)
4-Nitroaniline	µg/kg	-	N/A	ND (4500)	ND (4600)	-	ND (4700)	ND (910)	ND (960)	ND (920)
4-Nitrophenol	µg/kg	-	N/A	ND (4500)	ND (4600)	-	ND (4700)	ND (910)	ND (960)	ND (920)
Acenaphthene	µg/kg	1000000	OU-4-SS-001	250 J	ND (1800)	-	280 J	ND (360)	ND (380)	ND (370)
Acenaphthylene	µg/kg	1000000	OU-4-BH-43	440 J	220 J	-	190 J	ND (360)	ND (380)	160 J
Acetophenone	µg/kg	-	SB-1-ROW	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	OU-4-SS-001	480 J	ND (1800)	-	830 J	ND (360)	54 J	280 J
Atrazine	µg/kg	-	N/A	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	SB-1-ROW/SB-2-ROW	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	OU-4-SS-001	2300	400 J	-	2100	ND (360)	220 J	1600
Benzo(a)pyrene	µg/kg	1100	OU-4-SS-001	**3100**	470 J	-	**2200**	ND (360)	210 J	**1600**
Benzo(b)fluoranthene	µg/kg	11000	OU-4-SS-001	2000	420 J	-	2200	ND (360)	240 J	2000
Benzo(g,h,i)perylene	µg/kg	1000000	OU-4-SS-001	1200 J	220 J	-	1900 J	ND (360)	160 J	880
Benzo(k)fluoranthene	µg/kg	110000	OU-4-SS-001	2300	470 J	-	1900	ND (360)	240 J	760
Benzoic acid	µg/kg	-	N/A	-	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	N/A	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	N/A	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	N/A	ND (1800)	ND (1800)	-	ND (1900)	ND (360)	ND (380)	ND (370)
bis(2-Chloroethyl)ether	µg/kg	-	N/A	ND (1800)	ND (1800)	-	ND (1900)	ND (360)	ND (380)	ND (370)
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	OU-4-SS-003	ND (1800)	240 J	-	330 J	38 J	430	79 J
Butyl benzylphthalate (BBP)	µg/kg	-	OU-4-SS-002	ND (1800)	ND (1800)	-	ND (1900)	ND (360)	66 J	44 J
Caprolactam	µg/kg	-	N/A	-	-	-	-	-	-	-
Carbazole	µg/kg	-	OU-4-SS-001	210 J	ND (1800)	-	490 J	ND (360)	48 J	56 J
Chrysene	µg/kg	110000	OU-4-SS-001	2300	490 J	-	2400	ND (360)	310 J	1600
Dibenz(a,h)acridine	µg/kg	-	N/A	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	010	ND (1800)	ND (1800)	-	ND (1900)	ND (360)	ND (380)	ND (370)
Dibenz(a,j)acridine	µg/kg	-	N/A	-	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	N/A	-	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	N/A	-	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	OU-4-BH-43	ND (1800)	ND (1800)	-	240 J	ND (360)	ND (380)	ND (370)
Diethyl phthalate	µg/kg	-	N/A	ND (1800)	ND (1800)	-	ND (1900)	ND (360)	ND (380)	ND (370)
Dimethyl phthalate	µg/kg	-	013	ND (1800)	ND (1800)	-	ND (1900)	ND (360)	ND (380)	ND (370)
Di-n-butylphthalate (DBP)	µg/kg	-	OU-4-SS-007	ND (1800)	ND (1800)	-	ND (1900)	ND (360)	ND (380)	ND (370)
Di-n-octyl phthalate (DnOP)	µg/kg	-	SS16	ND (1800)	ND (1800)	-	ND (1900)	ND (360)	ND (380)	ND (370)
Fluoranthene	µg/kg	1000000	OU-4-SS-001	2000	570 J	-	4100	ND (360)	550	2400

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:				*001*	*002*	*2B*	*003*	*006*	*007*	*008*
Sample ID:				*DM-001*	*DM-002*	*2B*	*DM-003*	*DM-006*	*DM-007*	*DM-008*
Sample Date:				*11/20/1997*	*11/20/1997*	*11/30/1993*	*11/20/1997*	*11/20/1997*	*11/20/1997*	*11/20/1997*
Sample Depth:				*0-1 ft BGS*	*0-1 ft BGS*	*-*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*	*Max Location*							
Fluorene	µg/kg	1000000	OU-4-SS-001	ND (1800)	ND (1800)	-	280 J	ND (360)	ND (380)	37 J
Hexachlorobenzene	µg/kg	12000	OU-4-SS-014	ND (1800)	ND (1800)	-	ND (1900)	ND (360)	ND (380)	ND (370)
Hexachlorobutadiene	µg/kg	-	N/A	ND (1800)	ND (1800)	-	ND (1900)	ND (360)	ND (380)	ND (370)
Hexachlorocyclopentadiene	µg/kg	-	N/A	ND (1800)	ND (1800)	-	ND (1900)	ND (360)	ND (380)	ND (370)
Hexachloroethane	µg/kg	-	N/A	ND (1800)	ND (1800)	-	ND (1900)	ND (360)	ND (380)	ND (370)
Indeno(1,2,3-cd)pyrene	µg/kg	11000	OU-4-SS-001	1200 J	210 J	-	1600 J	ND (360)	150 J	960
Isophorone	µg/kg	-	SB-3-ROW	ND (1800)	ND (1800)	-	ND (1900)	ND (360)	ND (380)	ND (370)
Naphthalene	µg/kg	1000000	OU-4-BH-43	1000 J	ND (1800)	-	280 J	ND (360)	ND (380)	ND (370)
Nitrobenzene	µg/kg	140000	N/A	ND (1800)	ND (1800)	-	ND (1900)	ND (360)	ND (380)	ND (370)
N-Nitrosodi-n-propylamine	µg/kg	-	OU-4-BH-35	ND (1800)	ND (1800)	-	ND (1900)	ND (360)	ND (380)	ND (370)
N-Nitrosodiphenylamine	µg/kg	-	OW10-99	ND (1800)	ND (1800)	-	ND (1900)	ND (360)	ND (380)	ND (370)
Pentachlorophenol	µg/kg	55000	N/A	ND (4500) UJ	ND (4600) UJ	-	ND (4700) UJ	ND (910) UJ	ND (960) UJ	ND (920) UJ
Phenanthrene	µg/kg	1000000	OU-4-SS-001	1100 J	240 J	-	3300	ND (360)	290 J	840
Phenol	µg/kg	1000000	SS17	ND (1800)	ND (1800)	-	ND (1900)	ND (360)	ND (380)	ND (370)
Pyrene	µg/kg	1000000	OU-4-SS-001	2000	640 J	-	3800	ND (360)	430	2000
Metals										
Aluminum	µg/kg	-	SS8	7200000	6670000	-	6060000	8070000	10300000	7960000
Antimony	µg/kg	-	OU-4-SS-28	ND (330)	ND (330)	-	1900 J	ND (330)	ND (350)	ND (330)
Arsenic	µg/kg	16000	BH32-00	7500	4200	-	**80500**	**40100**	**29500**	2500
Barium	µg/kg	10000000	OU-4-SS-002	117000 J	71900 J	-	197000 J	36400 J	112000 J	45800 J
Beryllium	µg/kg	2700000	OU-4-SS-24	420	470	-	3800	370	820	390
Cadmium	µg/kg	60000	SS15	890	450	-	15200	570	4300	ND (30)
Calcium	µg/kg	-	SS5D	3150000 J	2330000 J	-	28100000 J	817000 J	1380000 J	1120000 J
Chromium	µg/kg	-	SS5	16700 J	18600 J	-	54200 J	17300 J	34600 J	16700 J
Cobalt	µg/kg	-	PDW-40	7900 J	7600 J	-	43400 J	4600 J	11400 J	5300 J
Copper	µg/kg	10000000	013	338000	347000	-	**77000000**	1440000	3280000	124000
Iron	µg/kg	-	PDW-40	14200000	13800000	-	30500000	14000000	24000000	13100000
Lead	µg/kg	3900000	OU-4-SS-28	171000	128000	-	1790000	54400	755000	8600
Magnesium	µg/kg	-	SS5	2790000	2840000	-	4860000	1830000	2640000	1870000
Manganese	µg/kg	10000000	PDW-40	309000	281000	-	294000	203000	275000	203000
Mercury	µg/kg	5700	U Area-Box 1	370 J	210 J	-	1500 J	200 J	380 J	160 J
Nickel	µg/kg	10000000	BH32-00	18700	19600	-	654000	29900	322000	13400
Potassium	µg/kg	-	BH15-00	1050000	1450000	-	546000	658000	970000	611000
Selenium	µg/kg	6800000	SS23	1200	750	-	33000 J	4400	6400	930
Silver	µg/kg	6800000	OU-4-SS-012	1100 J	380 J	-	54500 J	2100 J	5700 J	230 J
Sodium	µg/kg	-	014	111000	102000	-	263000	56100	131000	53200
Thallium	µg/kg	-	BH6-99	380	ND (280)	-	1100	ND (280)	800	ND (290)
Vanadium	µg/kg	-	007	44500	27300	-	29800	23400	210000	20100
Zinc	µg/kg	10000000	PDW-40	269000	299000	-	4970000	106000	516000	35300

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:				*001*	*002*	*2B*	*003*	*006*	*007*	*008*
Sample ID:				*DM-001*	*DM-002*	*2B*	*DM-003*	*DM-006*	*DM-007*	*DM-008*
Sample Date:				*11/20/1997*	*11/20/1997*	*11/30/1993*	*11/20/1997*	*11/20/1997*	*11/20/1997*	*11/20/1997*
Sample Depth:				*0-1 ft BGS*	*0-1 ft BGS*	*-*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*	*Max Location*							
PCBs										
Aroclor-1016 (PCB-1016)	µg/kg	-	003	ND (72)	ND (72)	ND (20)	1100	ND (36)	ND (38)	ND (37)
Aroclor-1221 (PCB-1221)	µg/kg	-	U Area-Grid 36	ND (140)	ND (150)	ND (20)	ND (150)	ND (70)	ND (75)	ND (75)
Aroclor-1232 (PCB-1232)	µg/kg	-	N/A	ND (72)	ND (72)	ND (20)	ND (75)	ND (36)	ND (38)	ND (37)
Aroclor-1242 (PCB-1242)	µg/kg	-	N/A	ND (72)	ND (72)	ND (20)	ND (75)	ND (36)	ND (38)	ND (37)
Aroclor-1248 (PCB-1248)	µg/kg	-	B-7 F-9/B-7 G-3	ND (72)	ND (72)	ND (20)	ND (75)	ND (36)	ND (38)	ND (37)
Aroclor-1254 (PCB-1254)	µg/kg	-	Bldg.39-Grid 20 (SW Corner)	ND (72)	83	420	2900	ND (36)	120	50
Aroclor-1260 (PCB-1260)	µg/kg	-	Area Y	140	64 J	ND (20)	1100	ND (36)	150	ND (37)
Total PCBs	µg/kg	-	Area Y	140	147	420	5100	ND	270	50
Pesticides										
4,4'-DDD	µg/kg	180000	OW10-99	ND (7.2)	ND (7.2)	ND (2.0)	9.3	ND (3.6)	4.9	ND (3.7)
4,4'-DDE	µg/kg	120000	003	ND (7.2)	3.6 J	ND (2.0)	59	ND (3.6)	16	2.4 J
4,4'-DDT	µg/kg	94000	OW10-99	7.2 J	9.9	ND (3.9)	24 J	ND (3.6)	ND (3.8)	ND (3.7)
Aldrin	µg/kg	1400	003	1.9 J	2.2 J	ND (1.6)	26 J	ND (1.9) UJ	ND (2.0) UJ	ND (1.9) UJ
alpha-BHC	µg/kg	6800	013	2.3 J	3.7	ND (0.98)	ND (3.9)	2.0	2.0	2.4
alpha-Chlordane	µg/kg	47000	013	4.5	2.9 J	ND (2.0)	31	ND (1.9)	3.1	ND (1.9)
beta-BHC	µg/kg	14000	N/A	ND (3.7)	ND (3.7)	ND (2.0)	ND (3.9)	ND (1.9)	ND (2.0)	ND (1.9)
delta-BHC	µg/kg	1000000	013	ND (3.7)	ND (3.7)	ND (2.0)	2.5 J	ND (1.9)	ND (2.0)	ND (1.9)
Dieldrin	µg/kg	2800	013	ND (7.2)	45	ND (2.0)	24	ND (3.6)	3.4 J	ND (3.7)
Endosulfan I	µg/kg	920000	013	5.1	ND (3.7)	ND (2.0)	35	ND (1.9)	3.4	ND (1.9)
Endosulfan II	µg/kg	920000	003	ND (7.2)	ND (7.2)	ND (2.0)	16	ND (3.6)	4.3	ND (3.7)
Endosulfan sulfate	µg/kg	920000	010	7.2 J	4.3 J	ND (3.9)	6.7 J	ND (3.6)	ND (3.8)	ND (3.7)
Endrin	µg/kg	410000	003	ND (7.2)	4.0 J	ND (2.0)	25 J	ND (3.6)	4.4 J	ND (3.7)
Endrin aldehyde	µg/kg	-	013	3.9 J	4.9 J	ND (2.0)	28	ND (3.6)	15	2.7 J
Endrin ketone	µg/kg	-	OW10-99	7.0 J	6.0 J	ND (2.0)	28	ND (3.6)	2.4 J	ND (3.7)
gamma-BHC (lindane)	µg/kg	23000	007	ND (3.7)	ND (3.7)	ND (2.0)	ND (3.9)	ND (1.9)	1.1 J	ND (1.9)
gamma-Chlordane	µg/kg	-	003	3.7 J	3.6 J	ND (2.0)	11	ND (1.9)	3.1	ND (1.9)
Heptachlor	µg/kg	29000	N/A	ND (3.7)	ND (3.7)	ND (1.6)	ND (3.9)	ND (1.9)	ND (2.0)	ND (1.9)
Heptachlor epoxide	µg/kg	-	010	3.6 J	3.7	ND (3.9)	20	ND (1.9)	1.6 J	1.2 J
Methoxychlor	µg/kg	-	N/A	ND (37)	ND (37)	ND (16)	ND (39)	ND (19)	ND (20)	ND (19)
Toxaphene	µg/kg	-	N/A	ND (370)	ND (370)	ND (9.8)	ND (390)	ND (180)	ND (200)	ND (190)
Petroleum Hydrocarbons										
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	Bldg.39-Grid 8	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	Bldg.56-Grid 5	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	OU-4-Boring 3	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:				*001*	*002*	*2B*	*003*	*006*	*007*	*008*
Sample ID:				*DM-001*	*DM-002*	*2B*	*DM-003*	*DM-006*	*DM-007*	*DM-008*
Sample Date:				*11/20/1997*	*11/20/1997*	*11/30/1993*	*11/20/1997*	*11/20/1997*	*11/20/1997*	*11/20/1997*
Sample Depth:				*0-1 ft BGS*	*0-1 ft BGS*	*-*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*	*Max Location*							
General Chemistry										
Chemical oxygen demand (COD)	µg/kg	-	U Area-Grids 32, 33, 34, 37, 38	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	SS25	ND (550) UJ	ND (550) UJ	-	ND (570) UJ	ND (540) UJ	ND (580) UJ	ND (550) UJ
Nitrogen	µg/kg	-	N/A	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	SS20	-	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	Bldg.56-Trenches 1, 2, 3	-	-	-	-	-	-	-
Percent moisture	%	-	Bldg.39-Grid 3	-	-	-	-	-	-	-
pH	s.u.	-	BH29-00	-	-	-	-	-	-	-
pH (water)	s.u.	-	U Area-Grids 42, 43-Trenches 6-11	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	BH8-00	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	SS20	-	-	-	-	-	-	-
Total solids	%	-	U Area-Grid 36	-	-	-	-	-	-	-
Total volatile solids	%	-	Bldg.39-Grid 19	-	-	-	-	-	-	-

Notes:

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference (Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*8-A*	*009*	*010*	*011*	*012*	*013*	*014*	*Area U*	*Area U*
Sample ID:			*8-A*	*DM-009*	*DM-010*	*DM-011*	*DM-012*	*DM-013*	*DM-014*	*CN-017*	*CN-018*
Sample Date:			*11/30/1993*	*11/20/1997*	*11/20/1997*	*11/21/1997*	*11/21/1997*	*11/21/1997*	*11/21/1997*	*9/30/1999*	*9/30/1999*
Sample Depth:			*-*	*0.5-0.75 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0.5-0.75 ft BGS*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*									
Volatiles											
1,1,1-Trichloroethane	µg/kg	1000000	-	ND (11)	ND (12) UJ	ND (12)	ND (11)	ND (11)	ND (11)	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	ND (11)	ND (12) UJ	ND (12)	ND (11)	ND (11)	ND (11)	-	-
1,1,2-Trichloroethane	µg/kg	-	-	ND (11)	ND (12) UJ	ND (12)	ND (11)	ND (11)	ND (11)	-	-
1,1-Dichloroethane	µg/kg	480000	-	ND (11)	ND (12) UJ	ND (12)	ND (11)	ND (11)	ND (11)	-	-
1,1-Dichloroethene	µg/kg	1000000	-	ND (11)	ND (12) UJ	ND (12)	ND (11)	ND (11)	ND (11)	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	ND (11)	ND (12) UJ	ND (12)	ND (11)	ND (11)	ND (11)	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	ND (11)	ND (12) UJ	ND (12)	ND (11)	ND (11)	ND (11)	-	-
1,2-Dichloropropane	µg/kg	-	-	ND (11)	ND (12) UJ	ND (12)	ND (11)	ND (11)	ND (11)	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	ND (11)	ND (12) UJ	ND (12)	ND (11)	ND (11)	ND (11)	-	-
2-Hexanone	µg/kg	-	-	ND (11)	ND (12) UJ	ND (12)	ND (11)	ND (11)	ND (11)	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	ND (11)	ND (12) UJ	ND (12)	ND (11)	ND (11)	ND (11)	-	-
Acetone	µg/kg	1000000	-	ND (11)	ND (12) UJ	ND (12)	ND (11)	ND (11)	ND (11)	-	-
Benzene	µg/kg	89000	-	ND (11)	13 J	7 J	8 J	5 J	2 J	-	-
Bromodichloromethane	µg/kg	-	-	ND (11)	ND (12) UJ	ND (12)	ND (11)	ND (11)	ND (11)	-	-
Bromoform	µg/kg	-	-	ND (11)	ND (12) UJ	ND (12)	ND (11)	ND (11)	ND (11)	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	ND (11)	ND (12) UJ	ND (12)	ND (11)	ND (11)	ND (11)	-	-
Carbon disulfide	µg/kg	-	-	ND (11)	ND (12) UJ	ND (12)	ND (11)	ND (11)	ND (11)	-	-
Carbon tetrachloride	µg/kg	44000	-	ND (11)	ND (12) UJ	ND (12)	ND (11)	ND (11)	ND (11)	-	-
Chlorobenzene	µg/kg	1000000	-	ND (11)	2 J	1 J	ND (11)	ND (11)	ND (11)	-	-
Chloroethane	µg/kg	-	-	ND (11)	ND (12) UJ	ND (12)	ND (11)	ND (11)	3 J	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	ND (11)	ND (12) UJ	ND (12)	1 J	1 J	ND (11)	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	ND (11)	ND (12) UJ	ND (12)	1 J	ND (11)	ND (11)	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	ND (11)	ND (12) UJ	ND (12)	ND (11)	ND (11)	ND (11)	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	ND (11)	ND (12) UJ	ND (12)	ND (11)	ND (11)	ND (11)	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	ND (11)	ND (12) UJ	ND (12)	ND (11)	ND (11)	ND (11)	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*8-A*	*009*	*010*	*011*	*012*	*013*	*014*	*Area U*	*Area U*
Sample ID:			*8-A*	*DM-009*	*DM-010*	*DM-011*	*DM-012*	*DM-013*	*DM-014*	*CN-017*	*CN-018*
Sample Date:			*11/30/1993*	*11/20/1997*	*11/20/1997*	*11/21/1997*	*11/21/1997*	*11/21/1997*	*11/21/1997*	*9/30/1999*	*9/30/1999*
Sample Depth:			*-*	*0.5-0.75 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0.5-0.75 ft BGS*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*									
Methyl acetate	µg/kg	-	-	-	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	ND (11)	ND (18) UJ	ND (13)	ND (11)	ND (11)	ND (11)	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-	-	-	-
Styrene	µg/kg	-	-	ND (11)	ND (12) UJ	ND (12)	ND (11)	ND (11)	ND (11)	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	ND (11)	ND (12) UJ	ND (12)	ND (11)	ND (11)	ND (11)	-	-
Toluene	µg/kg	1000000	-	ND (11)	3 J	2 J	2 J	ND (11)	ND (11)	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	ND (11)	ND (12) UJ	ND (12)	ND (11)	ND (11)	ND (11)	-	-
Trichloroethene	µg/kg	400000	-	ND (11)	ND (12) UJ	ND (12)	ND (11)	ND (11)	ND (11)	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	ND (11)	ND (12) UJ	ND (12)	ND (11)	ND (11)	ND (11)	-	-
Xylenes (total)	µg/kg	1000000	-	ND (11)	4 J	ND (12)	2 J	ND (11)	2 J	-	-
Semi-Volatiles											
1,2,4-Trichlorobenzene	µg/kg	-	-	ND (360)	ND (1900)	ND (1900)	ND (1800)	ND (1900)	ND (1800)	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	ND (360)	ND (1900)	ND (1900)	ND (1800)	ND (1900)	ND (1800)	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	ND (360)	ND (1900)	ND (1900)	ND (1800)	ND (1900)	ND (1800)	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	ND (360)	ND (1900)	ND (1900)	ND (1800)	ND (1900)	ND (1800)	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	ND (360)	ND (1900)	ND (1900)	ND (1800)	ND (1900)	ND (1800)	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	ND (910)	ND (4900)	ND (4900)	ND (4600)	ND (4700)	ND (4400)	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	ND (360)	ND (1900)	ND (1900)	ND (1800)	ND (1900)	ND (1800)	-	-
2,4-Dichlorophenol	µg/kg	-	-	ND (360)	ND (1900)	ND (1900)	ND (1800)	ND (1900)	ND (1800)	-	-
2,4-Dimethylphenol	µg/kg	-	-	ND (360)	ND (1900)	ND (1900)	ND (1800)	ND (1900)	ND (1800)	-	-
2,4-Dinitrophenol	µg/kg	-	-	ND (910)	ND (4900)	ND (4900)	ND (4600)	ND (4700)	ND (4400)	-	-
2,4-Dinitrotoluene	µg/kg	-	-	ND (360)	ND (1900)	ND (1900)	ND (1800)	ND (1900)	ND (1800)	-	-
2,6-Dinitrotoluene	µg/kg	-	-	ND (360)	ND (1900)	ND (1900)	ND (1800)	ND (1900)	ND (1800)	-	-
2-Chloronaphthalene	µg/kg	-	-	ND (360)	ND (1900)	ND (1900)	ND (1800)	ND (1900)	ND (1800)	-	-
2-Chlorophenol	µg/kg	-	-	ND (360)	ND (1900)	ND (1900)	ND (1800)	ND (1900)	ND (1800)	-	-
2-Methylnaphthalene	µg/kg	-	-	ND (360)	570 J	ND (1900)	ND (1800)	ND (1900)	190 J	-	-
2-Methylphenol	µg/kg	1000000	-	ND (360)	ND (1900)	ND (1900)	ND (1800)	ND (1900)	ND (1800)	-	-
2-Nitroaniline	µg/kg	-	-	ND (910)	ND (4900)	ND (4900)	ND (4600)	ND (4700)	ND (4400)	-	-
2-Nitrophenol	µg/kg	-	-	ND (360)	ND (1900)	ND (1900)	ND (1800)	ND (1900)	ND (1800)	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	ND (360)	ND (1900)	ND (1900)	ND (1800)	ND (1900)	ND (1800)	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*8-A*	*009*	*010*	*011*	*012*	*013*	*014*	*Area U*	*Area U*
Sample ID:			*8-A*	*DM-009*	*DM-010*	*DM-011*	*DM-012*	*DM-013*	*DM-014*	*CN-017*	*CN-018*
Sample Date:			*11/30/1993*	*11/20/1997*	*11/20/1997*	*11/21/1997*	*11/21/1997*	*11/21/1997*	*11/21/1997*	*9/30/1999*	*9/30/1999*
Sample Depth:			*-*	*0.5-0.75 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0.5-0.75 ft BGS*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*									
3-Nitroaniline	µg/kg	-	-	ND (910)	ND (4900)	ND (4900)	ND (4600)	ND (4700)	ND (4400)	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	ND (910)	ND (4900)	ND (4900)	ND (4600)	ND (4700)	ND (4400)	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	ND (360)	ND (1900)	ND (1900)	ND (1800)	ND (1900)	ND (1800)	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	ND (360)	ND (1900)	ND (1900)	ND (1800)	ND (1900)	ND (1800)	-	-
4-Chloroaniline	µg/kg	-	-	ND (360)	ND (1900)	ND (1900)	ND (1800)	ND (1900)	ND (1800)	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	ND (360)	ND (1900)	ND (1900)	ND (1800)	ND (1900)	ND (1800)	-	-
4-Methylphenol	µg/kg	1000000	-	ND (360)	ND (1900)	ND (1900)	ND (1800)	ND (1900)	ND (1800)	-	-
4-Nitroaniline	µg/kg	-	-	ND (910)	ND (4900)	ND (4900)	ND (4600)	ND (4700)	ND (4400)	-	-
4-Nitrophenol	µg/kg	-	-	ND (910)	ND (4900)	ND (4900)	ND (4600)	ND (4700)	ND (4400)	-	-
Acenaphthene	µg/kg	1000000	-	ND (360)	1700 J	330 J	ND (1800)	320 J	340 J	-	-
Acenaphthylene	µg/kg	1000000	-	ND (360)	770 J	420 J	ND (1800)	ND (1900)	ND (1800)	-	-
Acetophenone	µg/kg	-	-	-	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	ND (360)	3800	1300 J	410 J	1000 J	650 J	-	-
Atrazine	µg/kg	-	-	-	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	110 J	9700	5900	1100 J	6300	1500 J	-	-
Benzo(a)pyrene	µg/kg	1100	-	110 J	**9200**	**6400**	970 J	**5800**	940 J	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	110 J	**12000**	9800	1100 J	8200	1100 J	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	98 J	6000	4000	640 J	2400	540 J	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	110 J	4600	3200	1000 J	5500	1200 J	-	-
Benzoic acid	µg/kg	-	-	-	-	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	ND (360)	ND (1900)	ND (1900)	ND (1800)	ND (1900)	ND (1800)	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	ND (360)	ND (1900)	ND (1900)	ND (1800)	ND (1900)	ND (1800)	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	110 J	ND (1900)	510 J	500 J	2300	ND (1800)	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	44 J	ND (1900)	ND (1900)	ND (1800)	780 J	ND (1800)	-	-
Caprolactam	µg/kg	-	-	-	-	-	-	-	-	-	-
Carbazole	µg/kg	-	-	ND (360)	2700	1200 J	260 J	1400 J	470 J	-	-
Chrysene	µg/kg	110000	-	130 J	10000	6900	1200 J	7300	1700 J	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	ND (360)	**3000**	ND (1900)	ND (1800)	ND (1900)	ND (1800)	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	ND (360)	1600 J	300 J	ND (1800)	ND (1900)	1100 J	-	-
Diethyl phthalate	µg/kg	-	-	ND (360)	ND (1900)	ND (1900)	ND (1800)	ND (1900)	ND (1800)	-	-
Dimethyl phthalate	µg/kg	-	-	ND (360)	ND (1900)	ND (1900)	ND (1800)	410 J	ND (1800)	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	ND (360)	ND (1900)	ND (1900)	260 J	670 J	ND (1800)	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	ND (360)	ND (1900)	ND (1900)	ND (1800)	ND (1900)	ND (1800)	-	-
Fluoranthene	µg/kg	1000000	-	230 J	20000	9800	2500	11000	4600	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*8-A*	*009*	*010*	*011*	*012*	*013*	*014*	*Area U*	*Area U*
Sample ID:			*8-A*	*DM-009*	*DM-010*	*DM-011*	*DM-012*	*DM-013*	*DM-014*	*CN-017*	*CN-018*
Sample Date:			*11/30/1993*	*11/20/1997*	*11/20/1997*	*11/21/1997*	*11/21/1997*	*11/21/1997*	*11/21/1997*	*9/30/1999*	*9/30/1999*
Sample Depth:			*-*	*0.5-0.75 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0.5-0.75 ft BGS*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*									
Fluorene	µg/kg	1000000	-	ND (360)	1700 J	320 J	ND (1800)	310 J	520 J	-	-
Hexachlorobenzene	µg/kg	12000	-	ND (360)	ND (1900)	ND (1900)	ND (1800)	ND (1900)	ND (1800)	-	-
Hexachlorobutadiene	µg/kg	-	-	ND (360)	ND (1900)	ND (1900)	ND (1800)	ND (1900)	ND (1800)	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	ND (360)	ND (1900)	ND (1900)	ND (1800)	ND (1900)	ND (1800)	-	-
Hexachloroethane	µg/kg	-	-	ND (360)	ND (1900)	ND (1900)	ND (1800)	ND (1900)	ND (1800)	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	87 J	6200	4500	660 J	2600	550 J	-	-
Isophorone	µg/kg	-	-	ND (360)	ND (1900)	ND (1900)	ND (1800)	ND (1900)	ND (1800)	-	-
Naphthalene	µg/kg	1000000	-	ND (360)	980 J	240 J	ND (1800)	550 J	210 J	-	-
Nitrobenzene	µg/kg	140000	-	ND (360)	ND (1900)	ND (1900)	ND (1800)	ND (1900)	ND (1800)	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	ND (360)	ND (1900)	ND (1900)	ND (1800)	ND (1900)	ND (1800)	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	ND (360)	ND (1900)	ND (1900)	ND (1800)	ND (1900)	ND (1800)	-	-
Pentachlorophenol	µg/kg	55000	-	ND (910) UJ	ND (4900) UJ	ND (4900) UJ	ND (4600) UJ	ND (4700) UJ	ND (4400) UJ	-	-
Phenanthrene	µg/kg	1000000	-	120 J	19000	6000	1800 J	4800	6700	-	-
Phenol	µg/kg	1000000	-	ND (360)	ND (1900)	ND (1900)	ND (1800)	ND (1900)	ND (1800)	-	-
Pyrene	µg/kg	1000000	-	200 J	15000	8100	1900	9600	3400	-	-
Metals											
Aluminum	µg/kg	-	-	2590000	9740000	9230000	4050000	5250000	4810000	-	-
Antimony	µg/kg	-	-	ND (330)	5800 J	78400 J	1400 J	33500 J	780 J	-	-
Arsenic	µg/kg	16000	-	11300	**119000**	**3440000**	**44400**	**389000**	12100	-	-
Barium	µg/kg	10000000	-	21500 J	453000 J	186000 J	76100 J	264000 J	79600 J	-	-
Beryllium	µg/kg	2700000	-	150	700	610	290	330	380	-	-
Cadmium	µg/kg	60000	-	ND (120)	2000	3800	3400	9200	930	-	-
Calcium	µg/kg	-	-	22900000 J	5280000 J	1490000 J	89300000 J	5760000 J	18700000 J	-	-
Chromium	µg/kg	-	-	25100 J	42800 J	56400 J	18700 J	62200 J	141000 J	-	-
Cobalt	µg/kg	-	-	3100 J	10100 J	23400 J	5100 J	11900 J	7700 J	-	-
Copper	µg/kg	10000000	-	38000	3840000	**12200000**	2290000	**187000000**	338000	-	-
Iron	µg/kg	-	-	7700000	24300000	70400000	13500000	115000000	15200000	-	-
Lead	µg/kg	3900000	-	11400	2060000	**4850000**	369000	1020000	661000	-	-
Magnesium	µg/kg	-	-	3520000	1910000	1670000	4060000	3140000	3410000	-	-
Manganese	µg/kg	10000000	-	109000	228000	317000	248000	437000	244000	-	-
Mercury	µg/kg	5700	-	60 J	2400 J	1800 J	280 J	590 J	330 J	-	-
Nickel	µg/kg	10000000	-	16000	163000	2680000	67300	183000	24300	-	-
Potassium	µg/kg	-	-	344000	1370000	1360000	805000	792000	1010000	-	-
Selenium	µg/kg	6800000	-	410	28700 J	56700 J	3000	21000 J	2000	-	-
Silver	µg/kg	6800000	-	ND (100)	30200 J	58900 J	2800 J	37800 J	1500 J	-	-
Sodium	µg/kg	-	-	63900	180000	336000	189000	205000	4510000	-	-
Thallium	µg/kg	-	-	ND (280)	650	ND (1500)	ND (290)	ND (3000)	ND (270)	-	-
Vanadium	µg/kg	-	-	7900	42300	92200	23400	23800	20500	-	-
Zinc	µg/kg	10000000	-	26200	656000	958000	399000	896000	512000	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*8-A*	*009*	*010*	*011*	*012*	*013*	*014*	*Area U*	*Area U*
Sample ID:			*8-A*	*DM-009*	*DM-010*	*DM-011*	*DM-012*	*DM-013*	*DM-014*	*CN-017*	*CN-018*
Sample Date:			*11/30/1993*	*11/20/1997*	*11/20/1997*	*11/21/1997*	*11/21/1997*	*11/21/1997*	*11/21/1997*	*9/30/1999*	*9/30/1999*
Sample Depth:			*-*	*0.5-0.75 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0.5-0.75 ft BGS*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*									
PCBs											
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (20)	ND (36)	ND (77)	ND (77)	ND (73)	ND (74)	ND (70)	ND (4000)	ND (20000)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (20)	ND (73)	ND (160)	ND (160)	ND (150)	ND (150)	ND (140)	ND (8000)	ND (41000)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (20)	ND (36)	ND (77)	ND (77)	ND (73)	ND (74)	ND (70)	ND (4000)	ND (20000)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (20)	ND (36)	ND (77)	ND (77)	ND (73)	ND (74)	ND (70)	ND (4000)	ND (20000)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (20)	ND (36)	ND (77)	ND (77)	ND (73)	ND (74)	ND (70)	ND (4000)	ND (20000)
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (20)	ND (36)	540	740	280	910	120	30000	220000
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (20)	ND (36)	610	440	190	460	210	5300	27000
Total PCBs	µg/kg	-	ND	ND	1150	1180	470	1370	330	35300	247000
Pesticides											
4,4'-DDD	µg/kg	180000	ND (2.0)	ND (3.6)	15	14	ND (7.3)	18	4.6 J	-	-
4,4'-DDE	µg/kg	120000	ND (2.0)	ND (3.6)	25	38	16	45	10	-	-
4,4'-DDT	µg/kg	94000	ND (4.0)	ND (3.6)	33 J	64 J	ND (7.3)	71 J	11 J	-	-
Aldrin	µg/kg	1400	ND (1.6)	ND (1.9) UJ	24 J	8.7 J	ND (3.8) UJ	ND (3.8) UJ	7.8 J	-	-
alpha-BHC	µg/kg	6800	ND (0.99)	2.1	1.5	ND (4.0)	3.5 J	4.1	ND (3.6)	-	-
alpha-Chlordane	µg/kg	47000	ND (2.0)	ND (1.9)	3.3 J	2.7	4.2	160	3.4 J	-	-
beta-BHC	µg/kg	14000	ND (2.0)	ND (1.9)	ND (4.0)	ND (4.0)	ND (3.8)	ND (3.8)	ND (3.6)	-	-
delta-BHC	µg/kg	1000000	ND (2.0)	ND (1.9)	ND (4.0)	ND (4.0)	ND (3.8)	16	ND (3.6)	-	-
Dieldrin	µg/kg	2800	ND (2.0)	ND (3.6)	8.0	14	4.1 J	370	6.1 J	-	-
Endosulfan I	µg/kg	920000	ND (2.0)	ND (1.9)	9.2	12	5.8	160	2.1 J	-	-
Endosulfan II	µg/kg	920000	ND (2.0)	ND (3.6)	ND (7.7)	ND (7.7)	ND (7.3)	10	ND (7.0)	-	-
Endosulfan sulfate	µg/kg	920000	ND (4.0)	ND (3.6)	33	7.8	ND (7.3)	15	6.2 J	-	-
Endrin	µg/kg	410000	ND (2.0)	ND (3.6)	8.9 J	13 J	6.2 J	ND (7.4)	4.9 J	-	-
Endrin aldehyde	µg/kg	-	ND (2.0)	ND (3.6)	29	24	8.2	43	5.6 J	-	-
Endrin ketone	µg/kg	-	ND (2.0)	ND (3.6)	47	ND (7.7)	ND (7.3)	ND (7.4)	ND (7.0)	-	-
gamma-BHC (lindane)	µg/kg	23000	ND (2.0)	ND (1.9)	ND (4.0)	ND (4.0)	ND (3.8)	ND (3.8)	ND (3.6)	-	-
gamma-Chlordane	µg/kg	-	ND (2.0)	ND (1.9)	ND (4.0)	4.6	2.6 J	4.4	ND (3.6)	-	-
Heptachlor	µg/kg	29000	ND (1.6)	ND (1.9)	ND (4.0)	ND (4.0)	ND (3.8)	ND (3.8)	ND (3.6)	-	-
Heptachlor epoxide	µg/kg	-	ND (4.0)	ND (1.9)	43	18	2.7 J	21	16	-	-
Methoxychlor	µg/kg	-	ND (16)	ND (19)	ND (40)	ND (40)	ND (38)	ND (38)	ND (36)	-	-
Toxaphene	µg/kg	-	ND (9.9)	ND (180)	ND (400)	ND (400)	ND (380)	ND (380)	ND (360)	-	-
Petroleum Hydrocarbons											
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*8-A*	*009*	*010*	*011*	*012*	*013*	*014*	*Area U*	*Area U*
Sample ID:			*8-A*	*DM-009*	*DM-010*	*DM-011*	*DM-012*	*DM-013*	*DM-014*	*CN-017*	*CN-018*
Sample Date:			*11/30/1993*	*11/20/1997*	*11/20/1997*	*11/21/1997*	*11/21/1997*	*11/21/1997*	*11/21/1997*	*9/30/1999*	*9/30/1999*
Sample Depth:			*-*	*0.5-0.75 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0.5-0.75 ft BGS*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*									
General Chemistry											
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	ND (550) UJ	ND (580) UJ	ND (580) UJ	ND (550) UJ	ND (570) UJ	ND (520) UJ	-	-
Nitrogen	µg/kg	-	-	-	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-	-	-	-	-

Notes:

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference (Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Area U*	*Area U*	*Area U*	*Area U*	*Area U*	*Area U*	*Area U*	*Area U*	*Area U*	*Area U*	*Area Y*
Sample ID:			*CN-019*	*CN-020*	*CN-021*	*CN-022*	*JRR-144*	*JRR-145*	*JRR-146*	*JRR-147*	*JRR-148*	*JRR-149*	*S-JRR-002*
Sample Date:			*9/30/1999*	*9/30/1999*	*9/30/1999*	*9/30/1999*	*11/5/1999*	*11/5/1999*	*11/5/1999*	*11/5/1999*	*11/5/1999*	*11/5/1999*	*7/8/1999*
Sample Depth:			*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*
		RUSCO				*Duplicate*							
Parameter	*Units*	*Criteria*											
Volatiles													
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-	-	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Area U*	*Area U*	*Area U*	*Area U*	*Area U*	*Area U*	*Area U*	*Area U*	*Area U*	*Area U*	*Area Y*
Sample ID:			*CN-019*	*CN-020*	*CN-021*	*CN-022*	*JRR-144*	*JRR-145*	*JRR-146*	*JRR-147*	*JRR-148*	*JRR-149*	*S-JRR-002*
Sample Date:			*9/30/1999*	*9/30/1999*	*9/30/1999*	*9/30/1999*	*11/5/1999*	*11/5/1999*	*11/5/1999*	*11/5/1999*	*11/5/1999*	*11/5/1999*	*7/8/1999*
Sample Depth:			-	-	-	-	-	-	-	-	-	-	-
		RUSCO				*Duplicate*							
Parameter	*Units*	*Criteria*											
Methyl acetate	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-	-	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-	-	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-	-
Semi-Volatiles													
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Area U*	*Area U*	*Area U*	*Area U*	*Area U*	*Area U*	*Area U*	*Area U*	*Area U*	*Area U*	*Area Y*
Sample ID:			*CN-019*	*CN-020*	*CN-021*	*CN-022*	*JRR-144*	*JRR-145*	*JRR-146*	*JRR-147*	*JRR-148*	*JRR-149*	*S-JRR-002*
Sample Date:			*9/30/1999*	*9/30/1999*	*9/30/1999*	*9/30/1999*	*11/5/1999*	*11/5/1999*	*11/5/1999*	*11/5/1999*	*11/5/1999*	*11/5/1999*	*7/8/1999*
Sample Depth:			-	-	-	-	-	-	-	-	-	-	-
		RUSCO				*Duplicate*							
Parameter	*Units*	*Criteria*											
3-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-	-	-	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-	-	-	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-	-	-	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Area U*	*Area U*	*Area U*	*Area U*	*Area U*	*Area U*	*Area U*	*Area U*	*Area U*	*Area U*	*Area Y*
Sample ID:			*CN-019*	*CN-020*	*CN-021*	*CN-022*	*JRR-144*	*JRR-145*	*JRR-146*	*JRR-147*	*JRR-148*	*JRR-149*	*S-JRR-002*
Sample Date:			*9/30/1999*	*9/30/1999*	*9/30/1999*	*9/30/1999*	*11/5/1999*	*11/5/1999*	*11/5/1999*	*11/5/1999*	*11/5/1999*	*11/5/1999*	*7/8/1999*
Sample Depth:			*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*
		RUSCO				*Duplicate*							
Parameter	*Units*	*Criteria*											
Fluorene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-	-	-	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-	-
Metals													
Aluminum	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-	-	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-	-	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-	-	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-	-	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-	-	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-	-	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-	-	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-	-	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-	-	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-	-	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-	-	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Area U*	*Area U*	*Area U*	*Area U*	*Area U*	*Area U*	*Area U*	*Area U*	*Area U*	*Area U*	*Area Y*
Sample ID:			*CN-019*	*CN-020*	*CN-021*	*CN-022*	*JRR-144*	*JRR-145*	*JRR-146*	*JRR-147*	*JRR-148*	*JRR-149*	*S-JRR-002*
Sample Date:			*9/30/1999*	*9/30/1999*	*9/30/1999*	*9/30/1999*	*11/5/1999*	*11/5/1999*	*11/5/1999*	*11/5/1999*	*11/5/1999*	*11/5/1999*	*7/8/1999*
Sample Depth:			*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*
		RUSCO				*Duplicate*							
Parameter	*Units*	*Criteria*											
PCBs													
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (780)	ND (380)	ND (4100)	ND (2000)	ND (450)	ND (370)	ND (360)	ND (350)	ND (370)	ND (410)	ND (300000)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (1600)	ND (780)	ND (8300)	ND (4000)	ND (900)	ND (740)	ND (720)	ND (700)	ND (740)	ND (820)	ND (600000)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (780)	ND (380)	ND (4100)	ND (2000)	ND (450)	ND (370)	ND (360)	ND (350)	ND (370)	ND (410)	ND (300000)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (780)	ND (380)	ND (4100)	ND (2000)	ND (450)	ND (370)	ND (360)	ND (350)	ND (370)	ND (410)	ND (300000)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (780)	ND (380)	ND (4100)	ND (2000)	ND (450)	ND (370)	ND (360)	ND (350)	ND (370)	ND (410)	ND (300000) J
Aroclor-1254 (PCB-1254)	µg/kg	-	30000	2200	59000	20000	18000	5200	22000	10000	31000	47000	ND (300000) J
Aroclor-1260 (PCB-1260)	µg/kg	-	4800	880	8000 J	3700	3100	1100	4900	2100	4700	5800	36000000
Total PCBs	µg/kg	-	34800	3080	67000	23700	21100	6300	26900	12100	35700	52800	36000000
Pesticides													
4,4'-DDD	µg/kg	180000	-	-	-	-	-	-	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-	-	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-	-	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-	-	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-	-	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-	-	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-	-	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-	-	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-	-	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-	-	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-	-	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-	-	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-	-	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-	-	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Petroleum Hydrocarbons													
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Area U*	*Area U*	*Area U*	*Area U*	*Area U*	*Area U*	*Area U*	*Area U*	*Area U*	*Area U*	*Area Y*
Sample ID:			*CN-019*	*CN-020*	*CN-021*	*CN-022*	*JRR-144*	*JRR-145*	*JRR-146*	*JRR-147*	*JRR-148*	*JRR-149*	*S-JRR-002*
Sample Date:			*9/30/1999*	*9/30/1999*	*9/30/1999*	*9/30/1999*	*11/5/1999*	*11/5/1999*	*11/5/1999*	*11/5/1999*	*11/5/1999*	*11/5/1999*	*7/8/1999*
Sample Depth:			*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*
		RUSCO				*Duplicate*							
Parameter	*Units*	*Criteria*											
General Chemistry													
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	73.9	89.9	92.6	95.2	89.9	80.4	-
Total volatile solids	%	-	-	-	-	-	-	-	-	-	-	-	-

Notes:

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference (Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Area Y*	*Area Y*	*Area Y*	*Area Y*	*Area Y*	*Area Y*	*Area Y*	*B-7 A-1*	*B-7 A-2*
Sample ID:			*S-JRR-003*	*S-JRR-004*	*S-JRR-005*	*S-CN-032*	*S-2939-CN-001*	*S-2939-CN-002*	*S-2939-CN-003*	*S-091503-SD-32*	*S-091503-SD-36*
Sample Date:			*7/8/1999*	*7/8/1999*	*7/8/1999*	*8/3/1999*	*9/13/1999*	*9/13/1999*	*9/13/1999*	*9/15/2003*	*9/15/2003*
Sample Depth:			*-*	*-*	*-*	*-*	*-*	*-*	*-*	*0-2 ft BGS*	*0-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*									
Volatiles											
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Area Y*	*Area Y*	*Area Y*	*Area Y*	*Area Y*	*Area Y*	*Area Y*	*B-7 A-1*	*B-7 A-2*
Sample ID:			*S-JRR-003*	*S-JRR-004*	*S-JRR-005*	*S-CN-032*	*S-2939-CN-001*	*S-2939-CN-002*	*S-2939-CN-003*	*S-091503-SD-32*	*S-091503-SD-36*
Sample Date:			*7/8/1999*	*7/8/1999*	*7/8/1999*	*8/3/1999*	*9/13/1999*	*9/13/1999*	*9/13/1999*	*9/15/2003*	*9/15/2003*
Sample Depth:			*-*	*-*	*-*	*-*	*-*	*-*	*-*	*0-2 ft BGS*	*0-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*									
Methyl acetate	µg/kg	-	-	-	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-	-	-	-	-
Semi-Volatiles											
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Area Y*	*Area Y*	*Area Y*	*Area Y*	*Area Y*	*Area Y*	*Area Y*	*B-7 A-1*	*B-7 A-2*
Sample ID:			*S-JRR-003*	*S-JRR-004*	*S-JRR-005*	*S-CN-032*	*S-2939-CN-001*	*S-2939-CN-002*	*S-2939-CN-003*	*S-091503-SD-32*	*S-091503-SD-36*
Sample Date:			*7/8/1999*	*7/8/1999*	*7/8/1999*	*8/3/1999*	*9/13/1999*	*9/13/1999*	*9/13/1999*	*9/15/2003*	*9/15/2003*
Sample Depth:			*-*	*-*	*-*	*-*	*-*	*-*	*-*	*0-2 ft BGS*	*0-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*									
3-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Area Y*	*Area Y*	*Area Y*	*Area Y*	*Area Y*	*Area Y*	*Area Y*	*B-7 A-1*	*B-7 A-2*
Sample ID:			*S-JRR-003*	*S-JRR-004*	*S-JRR-005*	*S-CN-032*	*S-2939-CN-001*	*S-2939-CN-002*	*S-2939-CN-003*	*S-091503-SD-32*	*S-091503-SD-36*
Sample Date:			*7/8/1999*	*7/8/1999*	*7/8/1999*	*8/3/1999*	*9/13/1999*	*9/13/1999*	*9/13/1999*	*9/15/2003*	*9/15/2003*
Sample Depth:			*-*	*-*	*-*	*-*	*-*	*-*	*-*	*0-2 ft BGS*	*0-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*									
Fluorene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
Metals											
Aluminum	µg/kg	-	-	-	-	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Area Y*	*Area Y*	*Area Y*	*Area Y*	*Area Y*	*Area Y*	*Area Y*	*B-7 A-1*	*B-7 A-2*
Sample ID:			*S-JRR-003*	*S-JRR-004*	*S-JRR-005*	*S-CN-032*	*S-2939-CN-001*	*S-2939-CN-002*	*S-2939-CN-003*	*S-091503-SD-32*	*S-091503-SD-36*
Sample Date:			*7/8/1999*	*7/8/1999*	*7/8/1999*	*8/3/1999*	*9/13/1999*	*9/13/1999*	*9/13/1999*	*9/15/2003*	*9/15/2003*
Sample Depth:			*-*	*-*	*-*	*-*	*-*	*-*	*-*	*0-2 ft BGS*	*0-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*									
PCBs											
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (1300)	ND (1400)	ND (1300)	ND (34)	ND (19000) J	ND (3800) J	ND (3800) J	ND (590) UJ	ND (570) UJ
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (2700)	ND (2900)	ND (2700)	ND (68)	ND (39000)	ND (7700)	ND (7800)	ND (1200)	ND (1100) UJ
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (1300)	ND (1400)	ND (1300)	ND (34)	ND (19000) J	ND (3800) J	ND (3800) J	ND (590) UJ	ND (570) UJ
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (1300)	ND (1400)	ND (1300)	ND (34)	ND (19000) J	ND (3800) J	ND (3800) J	ND (590) UJ	ND (570) UJ
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (1300) J	ND (1400) J	ND (1300)	ND (34)	ND (19000) J	ND (3800) J	ND (3800) J	6100 J	73000 J
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (1300) J	ND (1400) J	ND (1300) J	5200	94000	30000	10000	ND (590) UJ	3500 J
Aroclor-1260 (PCB-1260)	µg/kg	-	14000000	33000000	370000	4300	22000	16000	4300	ND (590) UJ	ND (570) UJ
Total PCBs	µg/kg	-	14000000	33000000	370000	9500	116000	46000	14300	6100	76500
Pesticides											
4,4'-DDD	µg/kg	180000	-	-	-	-	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-	-	-	-	-
Petroleum Hydrocarbons											
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Area Y*	*Area Y*	*Area Y*	*Area Y*	*Area Y*	*Area Y*	*Area Y*	*B-7 A-1*	*B-7 A-2*
Sample ID:			*S-JRR-003*	*S-JRR-004*	*S-JRR-005*	*S-CN-032*	*S-2939-CN-001*	*S-2939-CN-002*	*S-2939-CN-003*	*S-091503-SD-32*	*S-091503-SD-36*
Sample Date:			*7/8/1999*	*7/8/1999*	*7/8/1999*	*8/3/1999*	*9/13/1999*	*9/13/1999*	*9/13/1999*	*9/15/2003*	*9/15/2003*
Sample Depth:			*-*	*-*	*-*	*-*	*-*	*-*	*-*	*0-2 ft BGS*	*0-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*									
General Chemistry											
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-	-	-	-	-

Notes:

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference (Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 A-3*	*B-7 B-1*	*B-7 B-2*	*B-7 (Between F-9 and F-10)*	*B-7 C-1*	*B-7 C-2*	*B-7 C-3*
Sample ID:			*S-091603-SD-46*	*S-091603-SD-52*	*S-091603-SD-41*	*S-122303-SD-016*	*S-092503-SD-66*	*S-092503-SD-70*	*S-092503-SD-74*
Sample Date:			*9/16/2003*	*9/16/2003*	*9/16/2003*	*12/23/2003*	*9/25/2003*	*9/25/2003*	*9/25/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*1 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							
Volatiles									
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 A-3*	*B-7 B-1*	*B-7 B-2*	*B-7 (Between F-9 and F-10)*	*B-7 C-1*	*B-7 C-2*	*B-7 C-3*
Sample ID:			*S-091603-SD-46*	*S-091603-SD-52*	*S-091603-SD-41*	*S-122303-SD-016*	*S-092503-SD-66*	*S-092503-SD-70*	*S-092503-SD-74*
Sample Date:			*9/16/2003*	*9/16/2003*	*9/16/2003*	*12/23/2003*	*9/25/2003*	*9/25/2003*	*9/25/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*1 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							
Methyl acetate	µg/kg	-	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-	-	-
Semi-Volatiles									
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 A-3*	*B-7 B-1*	*B-7 B-2*	*B-7 (Between F-9 and F-10)*	*B-7 C-1*	*B-7 C-2*	*B-7 C-3*
Sample ID:			*S-091603-SD-46*	*S-091603-SD-52*	*S-091603-SD-41*	*S-122303-SD-016*	*S-092503-SD-66*	*S-092503-SD-70*	*S-092503-SD-74*
Sample Date:			*9/16/2003*	*9/16/2003*	*9/16/2003*	*12/23/2003*	*9/25/2003*	*9/25/2003*	*9/25/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*1 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							
3-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 A-3*	*B-7 B-1*	*B-7 B-2*	*B-7 (Between F-9 and F-10)*	*B-7 C-1*	*B-7 C-2*	*B-7 C-3*
Sample ID:			*S-091603-SD-46*	*S-091603-SD-52*	*S-091603-SD-41*	*S-122303-SD-016*	*S-092503-SD-66*	*S-092503-SD-70*	*S-092503-SD-74*
Sample Date:			*9/16/2003*	*9/16/2003*	*9/16/2003*	*12/23/2003*	*9/25/2003*	*9/25/2003*	*9/25/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*1 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							
Fluorene	µg/kg	1000000	-	-	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-	-	-
Metals									
Aluminum	µg/kg	-	-	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 A-3*	*B-7 B-1*	*B-7 B-2*	*B-7 (Between F-9 and F-10)*	*B-7 C-1*	*B-7 C-2*	*B-7 C-3*
Sample ID:			*S-091603-SD-46*	*S-091603-SD-52*	*S-091603-SD-41*	*S-122303-SD-016*	*S-092503-SD-66*	*S-092503-SD-70*	*S-092503-SD-74*
Sample Date:			*9/16/2003*	*9/16/2003*	*9/16/2003*	*12/23/2003*	*9/25/2003*	*9/25/2003*	*9/25/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*1 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							
PCBs									
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (570) UJ	ND (570) UJ	ND (560)	ND (630)	ND (590)	ND (540) UJ	ND (560) UJ
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (1100) UJ	ND (1100) UJ	ND (1100)	ND (630)	ND (1200)	ND (1100) UJ	ND (1100) UJ
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (570) UJ	ND (570) UJ	ND (560)	ND (630)	ND (590)	ND (540) UJ	ND (560) UJ
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (570) UJ	ND (570) UJ	ND (560)	ND (630)	ND (590)	ND (540) UJ	ND (560) UJ
Aroclor-1248 (PCB-1248)	µg/kg	-	25000 J	50000 J	770 J	ND (630) UJ	330 J	110000 J	45000
Aroclor-1254 (PCB-1254)	µg/kg	-	7700 J	2100 J	670 J	1700 J	1100 J	7800 J	14000
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (570) UJ	ND (570) UJ	ND (560)	6100 J	ND (590)	ND (540) UJ	ND (560) UJ
Total PCBs	µg/kg	-	32700	52100	1440	7800	1430	117800	59000
Pesticides									
4,4'-DDD	µg/kg	180000	-	-	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-	-	-
Petroleum Hydrocarbons									
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 A-3*	*B-7 B-1*	*B-7 B-2*	*B-7 (Between F-9 and F-10)*	*B-7 C-1*	*B-7 C-2*	*B-7 C-3*
Sample ID:			*S-091603-SD-46*	*S-091603-SD-52*	*S-091603-SD-41*	*S-122303-SD-016*	*S-092503-SD-66*	*S-092503-SD-70*	*S-092503-SD-74*
Sample Date:			*9/16/2003*	*9/16/2003*	*9/16/2003*	*12/23/2003*	*9/25/2003*	*9/25/2003*	*9/25/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*1 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							
General Chemistry									
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-	-	-

Notes:

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference (Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 C-4*	*B-7 C-5*	*B-7 C-6*	*B-7 (Center)*	*B-7 D-1*	*B-7 D-2*	*B-7 D-3*
Sample ID:			*S-092603-SD-78*	*S-092603-SD-80*	*S-092603-SD-86*	*S-091003-SD-04*	*S-100903-SD-100*	*S-100903-SD-104*	*S-100903-SD-105*
Sample Date:			*9/26/2003*	*9/26/2003*	*9/26/2003*	*9/10/2003*	*10/9/2003*	*10/9/2003*	*10/9/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							
Volatiles									
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 C-4*	*B-7 C-5*	*B-7 C-6*	*B-7 (Center)*	*B-7 D-1*	*B-7 D-2*	*B-7 D-3*
Sample ID:			*S-092603-SD-78*	*S-092603-SD-80*	*S-092603-SD-86*	*S-091003-SD-04*	*S-100903-SD-100*	*S-100903-SD-104*	*S-100903-SD-105*
Sample Date:			*9/26/2003*	*9/26/2003*	*9/26/2003*	*9/10/2003*	*10/9/2003*	*10/9/2003*	*10/9/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							
Methyl acetate	µg/kg	-	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-	-	-
Semi-Volatiles									
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 C-4*	*B-7 C-5*	*B-7 C-6*	*B-7 (Center)*	*B-7 D-1*	*B-7 D-2*	*B-7 D-3*
Sample ID:			*S-092603-SD-78*	*S-092603-SD-80*	*S-092603-SD-86*	*S-091003-SD-04*	*S-100903-SD-100*	*S-100903-SD-104*	*S-100903-SD-105*
Sample Date:			*9/26/2003*	*9/26/2003*	*9/26/2003*	*9/10/2003*	*10/9/2003*	*10/9/2003*	*10/9/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							
3-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 C-4*	*B-7 C-5*	*B-7 C-6*	*B-7 (Center)*	*B-7 D-1*	*B-7 D-2*	*B-7 D-3*
Sample ID:			*S-092603-SD-78*	*S-092603-SD-80*	*S-092603-SD-86*	*S-091003-SD-04*	*S-100903-SD-100*	*S-100903-SD-104*	*S-100903-SD-105*
Sample Date:			*9/26/2003*	*9/26/2003*	*9/26/2003*	*9/10/2003*	*10/9/2003*	*10/9/2003*	*10/9/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							
Fluorene	µg/kg	1000000	-	-	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-	-	-
Metals									
Aluminum	µg/kg	-	-	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 C-4*	*B-7 C-5*	*B-7 C-6*	*B-7 (Center)*	*B-7 D-1*	*B-7 D-2*	*B-7 D-3*
Sample ID:			*S-092603-SD-78*	*S-092603-SD-80*	*S-092603-SD-86*	*S-091003-SD-04*	*S-100903-SD-100*	*S-100903-SD-104*	*S-100903-SD-105*
Sample Date:			*9/26/2003*	*9/26/2003*	*9/26/2003*	*9/10/2003*	*10/9/2003*	*10/9/2003*	*10/9/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							
PCBs									
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (560)	ND (560)	ND (540)	ND (530) UJ	ND (540) UJ	ND (540) UJ	ND (560) UJ
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (1100)	ND (1100)	ND (1100)	ND (1100) UJ	ND (1100) UJ	ND (1100) UJ	ND (1100) UJ
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (560)	ND (560)	ND (540)	ND (530) UJ	ND (540) UJ	ND (540) UJ	ND (560) UJ
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (560)	ND (560)	ND (540)	ND (530) UJ	ND (540) UJ	ND (540) UJ	ND (560) UJ
Aroclor-1248 (PCB-1248)	µg/kg	-	5900 J	ND (560)	2300 J	23000 J	39000 J	32000	47000
Aroclor-1254 (PCB-1254)	µg/kg	-	2700 J	930 J	3600 J	1300 J	3700 J	16000	14000
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (560)	ND (560)	ND (540)	ND (530)	ND (540) UJ	ND (540) UJ	ND (560) UJ
Total PCBs	µg/kg	-	8600	930	5900	24300	42700	48000	61000
Pesticides									
4,4'-DDD	µg/kg	180000	-	-	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-	-	-
Petroleum Hydrocarbons									
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 C-4*	*B-7 C-5*	*B-7 C-6*	*B-7 (Center)*	*B-7 D-1*	*B-7 D-2*	*B-7 D-3*
Sample ID:			*S-092603-SD-78*	*S-092603-SD-80*	*S-092603-SD-86*	*S-091003-SD-04*	*S-100903-SD-100*	*S-100903-SD-104*	*S-100903-SD-105*
Sample Date:			*9/26/2003*	*9/26/2003*	*9/26/2003*	*9/10/2003*	*10/9/2003*	*10/9/2003*	*10/9/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							
General Chemistry									
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-	-	-

Notes:

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference (Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 D-4*	*B-7 D-5*	*B-7 E-1*	*B-7 E-2*	*B-7 E-3*	*B-7 E-3*	*B-7 E-4*
Sample ID:			*S-100903-SD-106*	*S-100903-SD-110*	*S-110303-SD-001*	*S-110303-SD-003*	*S-110303-SD-005*	*S-110303-SD-011*	*S-110303-SD-007*
Sample Date:			*10/9/2003*	*10/9/2003*	*11/3/2003*	*11/3/2003*	*11/3/2003*	*11/3/2003*	*11/3/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
		RUSCO						*Duplicate*	
Parameter	*Units*	*Criteria*							
Volatiles									
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 D-4*	*B-7 D-5*	*B-7 E-1*	*B-7 E-2*	*B-7 E-3*	*B-7 E-3*	*B-7 E-4*
Sample ID:			*S-100903-SD-106*	*S-100903-SD-110*	*S-110303-SD-001*	*S-110303-SD-003*	*S-110303-SD-005*	*S-110303-SD-011*	*S-110303-SD-007*
Sample Date:			*10/9/2003*	*10/9/2003*	*11/3/2003*	*11/3/2003*	*11/3/2003*	*11/3/2003*	*11/3/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
		RUSCO						*Duplicate*	
Parameter	*Units*	*Criteria*							
Methyl acetate	µg/kg	-	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-	-	-
Semi-Volatiles									
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 D-4*	*B-7 D-5*	*B-7 E-1*	*B-7 E-2*	*B-7 E-3*	*B-7 E-3*	*B-7 E-4*
Sample ID:			*S-100903-SD-106*	*S-100903-SD-110*	*S-110303-SD-001*	*S-110303-SD-003*	*S-110303-SD-005*	*S-110303-SD-011*	*S-110303-SD-007*
Sample Date:			*10/9/2003*	*10/9/2003*	*11/3/2003*	*11/3/2003*	*11/3/2003*	*11/3/2003*	*11/3/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
		RUSCO						*Duplicate*	
Parameter	*Units*	*Criteria*							
3-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 D-4*	*B-7 D-5*	*B-7 E-1*	*B-7 E-2*	*B-7 E-3*	*B-7 E-3*	*B-7 E-4*
Sample ID:			*S-100903-SD-106*	*S-100903-SD-110*	*S-110303-SD-001*	*S-110303-SD-003*	*S-110303-SD-005*	*S-110303-SD-011*	*S-110303-SD-007*
Sample Date:			*10/9/2003*	*10/9/2003*	*11/3/2003*	*11/3/2003*	*11/3/2003*	*11/3/2003*	*11/3/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
		RUSCO						*Duplicate*	
Parameter	*Units*	*Criteria*							
Fluorene	µg/kg	1000000	-	-	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-	-	-
Metals									
Aluminum	µg/kg	-	-	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 D-4*	*B-7 D-5*	*B-7 E-1*	*B-7 E-2*	*B-7 E-3*	*B-7 E-3*	*B-7 E-4*
Sample ID:			*S-100903-SD-106*	*S-100903-SD-110*	*S-110303-SD-001*	*S-110303-SD-003*	*S-110303-SD-005*	*S-110303-SD-011*	*S-110303-SD-007*
Sample Date:			*10/9/2003*	*10/9/2003*	*11/3/2003*	*11/3/2003*	*11/3/2003*	*11/3/2003*	*11/3/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
		RUSCO						*Duplicate*	
Parameter	*Units*	*Criteria*							
PCBs									
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (570) UJ	ND (660)	ND (630)	ND (6300)	ND (5900)	ND (5900)	ND (1200)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (1100)	ND (1300)	ND (630)	ND (6300)	ND (5900)	ND (5900)	ND (1200)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (570) UJ	ND (660)	ND (630)	ND (6300)	ND (5900)	ND (5900)	ND (1200)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (570) UJ	ND (660)	ND (630)	ND (6300)	ND (5900)	ND (5900)	ND (1200)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (570) UJ	ND (660)	3800	ND (6300)	ND (5900)	ND (5900)	ND (1200)
Aroclor-1254 (PCB-1254)	µg/kg	-	8600	1100 J	4500	57000	63000	37000	13000
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (570) UJ	ND (660)	4400	ND (6300)	ND (5900)	ND (5900)	ND (1200)
Total PCBs	µg/kg	-	8600	1100	12700	57000	63000	37000	13000
Pesticides									
4,4'-DDD	µg/kg	180000	-	-	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-	-	-
Petroleum Hydrocarbons									
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 D-4*	*B-7 D-5*	*B-7 E-1*	*B-7 E-2*	*B-7 E-3*	*B-7 E-3*	*B-7 E-4*
Sample ID:			*S-100903-SD-106*	*S-100903-SD-110*	*S-110303-SD-001*	*S-110303-SD-003*	*S-110303-SD-005*	*S-110303-SD-011*	*S-110303-SD-007*
Sample Date:			*10/9/2003*	*10/9/2003*	*11/3/2003*	*11/3/2003*	*11/3/2003*	*11/3/2003*	*11/3/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
		RUSCO						*Duplicate*	
Parameter	*Units*	*Criteria*							
General Chemistry									
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-	-	-

Notes:

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference (Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 E-5*	*B-7 F-1*	*B-7 F-2*	*B-7 F-3*	*B-7 F-3*	*B-7 F-3 (Center)*	*B-7 F-3 (NE Corner)*
Sample ID:			*S-110303-SD-009*	*S-111203-SD-001*	*S-111203-SD-004*	*S-111203-SD-006*	*S-111203-SD-006A*	*S-121703-SD-008*	*S-121703-SD-006*
Sample Date:			*11/3/2003*	*11/12/2003*	*11/12/2003*	*11/12/2003*	*11/12/2003*	*12/17/2003*	*12/17/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0.5 ft BGS*	*0.5 ft BGS*
		RUSCO					*Duplicate*		
Parameter	*Units*	*Criteria*							
Volatiles									
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 E-5*	*B-7 F-1*	*B-7 F-2*	*B-7 F-3*	*B-7 F-3*	*B-7 F-3 (Center)*	*B-7 F-3 (NE Corner)*
Sample ID:			*S-110303-SD-009*	*S-111203-SD-001*	*S-111203-SD-004*	*S-111203-SD-006*	*S-111203-SD-006A*	*S-121703-SD-008*	*S-121703-SD-006*
Sample Date:			*11/3/2003*	*11/12/2003*	*11/12/2003*	*11/12/2003*	*11/12/2003*	*12/17/2003*	*12/17/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0.5 ft BGS*	*0.5 ft BGS*
		RUSCO					*Duplicate*		
Parameter	*Units*	*Criteria*							
Methyl acetate	µg/kg	-	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-	-	-
Semi-Volatiles									
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 E-5*	*B-7 F-1*	*B-7 F-2*	*B-7 F-3*	*B-7 F-3*	*B-7 F-3 (Center)*	*B-7 F-3 (NE Corner)*
Sample ID:			*S-110303-SD-009*	*S-111203-SD-001*	*S-111203-SD-004*	*S-111203-SD-006*	*S-111203-SD-006A*	*S-121703-SD-008*	*S-121703-SD-006*
Sample Date:			*11/3/2003*	*11/12/2003*	*11/12/2003*	*11/12/2003*	*11/12/2003*	*12/17/2003*	*12/17/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0.5 ft BGS*	*0.5 ft BGS*
		RUSCO					*Duplicate*		
Parameter	*Units*	*Criteria*							
3-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 E-5*	*B-7 F-1*	*B-7 F-2*	*B-7 F-3*	*B-7 F-3*	*B-7 F-3 (Center)*	*B-7 F-3 (NE Corner)*
Sample ID:			*S-110303-SD-009*	*S-111203-SD-001*	*S-111203-SD-004*	*S-111203-SD-006*	*S-111203-SD-006A*	*S-121703-SD-008*	*S-121703-SD-006*
Sample Date:			*11/3/2003*	*11/12/2003*	*11/12/2003*	*11/12/2003*	*11/12/2003*	*12/17/2003*	*12/17/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0.5 ft BGS*	*0.5 ft BGS*
		RUSCO					*Duplicate*		
Parameter	*Units*	*Criteria*							
Fluorene	µg/kg	1000000	-	-	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-	-	-
Metals									
Aluminum	µg/kg	-	-	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 E-5*	*B-7 F-1*	*B-7 F-2*	*B-7 F-3*	*B-7 F-3*	*B-7 F-3 (Center)*	*B-7 F-3 (NE Corner)*
Sample ID:			*S-110303-SD-009*	*S-111203-SD-001*	*S-111203-SD-004*	*S-111203-SD-006*	*S-111203-SD-006A*	*S-121703-SD-008*	*S-121703-SD-006*
Sample Date:			*11/3/2003*	*11/12/2003*	*11/12/2003*	*11/12/2003*	*11/12/2003*	*12/17/2003*	*12/17/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0.5 ft BGS*	*0.5 ft BGS*
		RUSCO					*Duplicate*		
Parameter	*Units*	*Criteria*							
PCBs									
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (12000)	ND (570)	ND (570)	ND (640)	ND (620)	ND (690) UJ	ND (1200)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (12000)	ND (570)	ND (570)	ND (640)	ND (620)	ND (690)	ND (500)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (12000)	ND (570)	ND (570)	ND (640)	ND (620)	ND (690) UJ	ND (1200)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (12000)	ND (570)	ND (570)	ND (640)	ND (620)	ND (690) UJ	ND (1200)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (12000)	ND (570)	370 J	ND (640)	ND (620)	1000	ND (1200)
Aroclor-1254 (PCB-1254)	µg/kg	-	97000	2700	1600 J	630 J	660 J	1300 J	12000 J
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (12000)	760	450 J	570 J	1100 J	500 J	1600 J
Total PCBs	µg/kg	-	97000	3460	2420	1200	1760	2800	13600
Pesticides									
4,4'-DDD	µg/kg	180000	-	-	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-	-	-
Petroleum Hydrocarbons									
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 E-5*	*B-7 F-1*	*B-7 F-2*	*B-7 F-3*	*B-7 F-3*	*B-7 F-3 (Center)*	*B-7 F-3 (NE Corner)*
Sample ID:			*S-110303-SD-009*	*S-111203-SD-001*	*S-111203-SD-004*	*S-111203-SD-006*	*S-111203-SD-006A*	*S-121703-SD-008*	*S-121703-SD-006*
Sample Date:			*11/3/2003*	*11/12/2003*	*11/12/2003*	*11/12/2003*	*11/12/2003*	*12/17/2003*	*12/17/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0.5 ft BGS*	*0.5 ft BGS*
		RUSCO					*Duplicate*		
Parameter	*Units*	*Criteria*							
General Chemistry									
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-	-	-

Notes:

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference (Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-3 (NW Corner)*	*B-7 F-3 (SE Corner)*	*B-7 F-3 (SE Corner)*	*B-7 F-3 (SW Corner)*	*B-7 F-4*	*B-7 F-5*
Sample ID:			*S-121703-SD-007*	*S-121703-SD-010*	*S-121703-SD-011*	*S-121703-SD-009*	*S-111203-SD-007*	*S-111203-SD-010*
Sample Date:			*12/17/2003*	*12/17/2003*	*12/17/2003*	*12/17/2003*	*11/12/2003*	*11/12/2003*
Sample Depth:			*0.5 ft BGS*	*0.5 ft BGS*	*0.5 ft BGS*	*0.5 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
		RUSCO			*Duplicate*			
Parameter	*Units*	*Criteria*						
Volatiles								
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-3 (NW Corner)*	*B-7 F-3 (SE Corner)*	*B-7 F-3 (SE Corner)*	*B-7 F-3 (SW Corner)*	*B-7 F-4*	*B-7 F-5*
Sample ID:			*S-121703-SD-007*	*S-121703-SD-010*	*S-121703-SD-011*	*S-121703-SD-009*	*S-111203-SD-007*	*S-111203-SD-010*
Sample Date:			*12/17/2003*	*12/17/2003*	*12/17/2003*	*12/17/2003*	*11/12/2003*	*11/12/2003*
Sample Depth:			*0.5 ft BGS*	*0.5 ft BGS*	*0.5 ft BGS*	*0.5 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
		RUSCO			*Duplicate*			
Parameter	*Units*	*Criteria*						
Methyl acetate	µg/kg	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-	-
Semi-Volatiles								
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-3 (NW Corner)*	*B-7 F-3 (SE Corner)*	*B-7 F-3 (SE Corner)*	*B-7 F-3 (SW Corner)*	*B-7 F-4*	*B-7 F-5*
Sample ID:			*S-121703-SD-007*	*S-121703-SD-010*	*S-121703-SD-011*	*S-121703-SD-009*	*S-111203-SD-007*	*S-111203-SD-010*
Sample Date:			*12/17/2003*	*12/17/2003*	*12/17/2003*	*12/17/2003*	*11/12/2003*	*11/12/2003*
Sample Depth:			*0.5 ft BGS*	*0.5 ft BGS*	*0.5 ft BGS*	*0.5 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
		RUSCO			*Duplicate*			
Parameter	*Units*	*Criteria*						
3-Nitroaniline	µg/kg	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-3 (NW Corner)*	*B-7 F-3 (SE Corner)*	*B-7 F-3 (SE Corner)*	*B-7 F-3 (SW Corner)*	*B-7 F-4*	*B-7 F-5*
Sample ID:			*S-121703-SD-007*	*S-121703-SD-010*	*S-121703-SD-011*	*S-121703-SD-009*	*S-111203-SD-007*	*S-111203-SD-010*
Sample Date:			*12/17/2003*	*12/17/2003*	*12/17/2003*	*12/17/2003*	*11/12/2003*	*11/12/2003*
Sample Depth:			*0.5 ft BGS*	*0.5 ft BGS*	*0.5 ft BGS*	*0.5 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
		RUSCO			*Duplicate*			
Parameter	*Units*	*Criteria*						
Fluorene	µg/kg	1000000	-	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-	-
Metals								
Aluminum	µg/kg	-	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-3 (NW Corner)*	*B-7 F-3 (SE Corner)*	*B-7 F-3 (SE Corner)*	*B-7 F-3 (SW Corner)*	*B-7 F-4*	*B-7 F-5*
Sample ID:			*S-121703-SD-007*	*S-121703-SD-010*	*S-121703-SD-011*	*S-121703-SD-009*	*S-111203-SD-007*	*S-111203-SD-010*
Sample Date:			*12/17/2003*	*12/17/2003*	*12/17/2003*	*12/17/2003*	*11/12/2003*	*11/12/2003*
Sample Depth:			*0.5 ft BGS*	*0.5 ft BGS*	*0.5 ft BGS*	*0.5 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
		RUSCO			*Duplicate*			
Parameter	*Units*	*Criteria*						
PCBs								
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (650) UJ	ND (630)	ND (630) UJ	ND (650) UJ	ND (590)	ND (560)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (650)	ND (630) UJ	ND (630)	ND (650)	ND (590)	ND (560)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (650) UJ	ND (630) UJ	ND (630) UJ	ND (650) UJ	ND (590)	ND (560)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (650) UJ	ND (630) UJ	ND (630) UJ	ND (650) UJ	ND (590)	ND (560)
Aroclor-1248 (PCB-1248)	µg/kg	-	400 J	1100	640	720 J	3600	ND (560)
Aroclor-1254 (PCB-1254)	µg/kg	-	1700 J	1800 J	2000 J	790 J	5300 J	920 J
Aroclor-1260 (PCB-1260)	µg/kg	-	1100 J	1200 J	1200 J	1100 J	1500 J	5800 J
Total PCBs	µg/kg	-	3200	4100	3840	2610	10400	6720
Pesticides								
4,4'-DDD	µg/kg	180000	-	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-	-
Petroleum Hydrocarbons								
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-3 (NW Corner)*	*B-7 F-3 (SE Corner)*	*B-7 F-3 (SE Corner)*	*B-7 F-3 (SW Corner)*	*B-7 F-4*	*B-7 F-5*
Sample ID:			*S-121703-SD-007*	*S-121703-SD-010*	*S-121703-SD-011*	*S-121703-SD-009*	*S-111203-SD-007*	*S-111203-SD-010*
Sample Date:			*12/17/2003*	*12/17/2003*	*12/17/2003*	*12/17/2003*	*11/12/2003*	*11/12/2003*
Sample Depth:			*0.5 ft BGS*	*0.5 ft BGS*	*0.5 ft BGS*	*0.5 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
		RUSCO			*Duplicate*			
Parameter	*Units*	*Criteria*						
General Chemistry								
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-	-

Notes:

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference (Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-6*	*B-7 F-6 (Center)*	*B-7 F-6 (Center)*	*B-7 F-6 (NE Corner)*	*B-7 F-6 (NE Corner)*	*B-7 F-6 (NW Corner)*
Sample ID:			*S-111203-SD-027*	*S-121703-SD-014*	*S-010804-SD-015*	*S-121703-SD-013*	*S-010804-SD-014*	*S-121703-SD-012*
Sample Date:			*11/12/2003*	*12/17/2003*	*1/8/2004*	*12/17/2003*	*1/8/2004*	*12/17/2003*
Sample Depth:			*0-2 ft BGS*	*0.5 ft BGS*	*1.5 ft BGS*	*0.5 ft BGS*	*1.5 ft BGS*	*0.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
Volatiles								
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-6*	*B-7 F-6 (Center)*	*B-7 F-6 (Center)*	*B-7 F-6 (NE Corner)*	*B-7 F-6 (NE Corner)*	*B-7 F-6 (NW Corner)*
Sample ID:			*S-111203-SD-027*	*S-121703-SD-014*	*S-010804-SD-015*	*S-121703-SD-013*	*S-010804-SD-014*	*S-121703-SD-012*
Sample Date:			*11/12/2003*	*12/17/2003*	*1/8/2004*	*12/17/2003*	*1/8/2004*	*12/17/2003*
Sample Depth:			*0-2 ft BGS*	*0.5 ft BGS*	*1.5 ft BGS*	*0.5 ft BGS*	*1.5 ft BGS*	*0.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
Methyl acetate	µg/kg	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-	-
Semi-Volatiles								
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-6*	*B-7 F-6 (Center)*	*B-7 F-6 (Center)*	*B-7 F-6 (NE Corner)*	*B-7 F-6 (NE Corner)*	*B-7 F-6 (NW Corner)*
Sample ID:			*S-111203-SD-027*	*S-121703-SD-014*	*S-010804-SD-015*	*S-121703-SD-013*	*S-010804-SD-014*	*S-121703-SD-012*
Sample Date:			*11/12/2003*	*12/17/2003*	*1/8/2004*	*12/17/2003*	*1/8/2004*	*12/17/2003*
Sample Depth:			*0-2 ft BGS*	*0.5 ft BGS*	*1.5 ft BGS*	*0.5 ft BGS*	*1.5 ft BGS*	*0.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
3-Nitroaniline	µg/kg	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-6*	*B-7 F-6 (Center)*	*B-7 F-6 (Center)*	*B-7 F-6 (NE Corner)*	*B-7 F-6 (NE Corner)*	*B-7 F-6 (NW Corner)*
Sample ID:			*S-111203-SD-027*	*S-121703-SD-014*	*S-010804-SD-015*	*S-121703-SD-013*	*S-010804-SD-014*	*S-121703-SD-012*
Sample Date:			*11/12/2003*	*12/17/2003*	*1/8/2004*	*12/17/2003*	*1/8/2004*	*12/17/2003*
Sample Depth:			*0-2 ft BGS*	*0.5 ft BGS*	*1.5 ft BGS*	*0.5 ft BGS*	*1.5 ft BGS*	*0.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
Fluorene	µg/kg	1000000	-	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-	-
Metals								
Aluminum	µg/kg	-	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-6*	*B-7 F-6 (Center)*	*B-7 F-6 (Center)*	*B-7 F-6 (NE Corner)*	*B-7 F-6 (NE Corner)*	*B-7 F-6 (NW Corner)*
Sample ID:			*S-111203-SD-027*	*S-121703-SD-014*	*S-010804-SD-015*	*S-121703-SD-013*	*S-010804-SD-014*	*S-121703-SD-012*
Sample Date:			*11/12/2003*	*12/17/2003*	*1/8/2004*	*12/17/2003*	*1/8/2004*	*12/17/2003*
Sample Depth:			*0-2 ft BGS*	*0.5 ft BGS*	*1.5 ft BGS*	*0.5 ft BGS*	*1.5 ft BGS*	*0.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
PCBs								
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (590)	ND (580) UJ	ND (5800)	ND (590) UJ	ND (5700)	ND (1200)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (590)	ND (580)	ND (580)	ND (590)	ND (570)	ND (580)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (590)	ND (580) UJ	ND (5800)	ND (590) UJ	ND (5700)	ND (1200)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (590)	ND (580) UJ	ND (5800)	ND (590) UJ	ND (5700)	ND (1200)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (590)	670	74000	8100	2900	4800
Aroclor-1254 (PCB-1254)	µg/kg	-	4500	380 J	ND (5800)	3400 J	50000 J	13000
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (590)	ND (580)	4600	1100 J	8900 J	ND (1200)
Total PCBs	µg/kg	-	4500	1050	78600	12600	61800	17800
Pesticides								
4,4'-DDD	µg/kg	180000	-	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-	-
Petroleum Hydrocarbons								
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-6*	*B-7 F-6 (Center)*	*B-7 F-6 (Center)*	*B-7 F-6 (NE Corner)*	*B-7 F-6 (NE Corner)*	*B-7 F-6 (NW Corner)*
Sample ID:			*S-111203-SD-027*	*S-121703-SD-014*	*S-010804-SD-015*	*S-121703-SD-013*	*S-010804-SD-014*	*S-121703-SD-012*
Sample Date:			*11/12/2003*	*12/17/2003*	*1/8/2004*	*12/17/2003*	*1/8/2004*	*12/17/2003*
Sample Depth:			*0-2 ft BGS*	*0.5 ft BGS*	*1.5 ft BGS*	*0.5 ft BGS*	*1.5 ft BGS*	*0.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
General Chemistry								
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-	-

Notes:

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference (Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-6 (NW Corner)*	*B-7 F-6 (SE Corner)*	*B-7 F-6 (SE Corner)*	*B-7 F-6 (SW Corner)*	*B-7 F-6 (SW Corner)*	*B-7 F-6 (W)*
Sample ID:			*S-010804-SD-013*	*S-121703-SD-016*	*S-010804-SD-017*	*S-121703-SD-015*	*S-010804-SD-016*	*S-010804-SD-018*
Sample Date:			*1/8/2004*	*12/17/2003*	*1/8/2004*	*12/17/2003*	*1/8/2004*	*1/8/2004*
Sample Depth:			*1.5 ft BGS*	*0.5 ft BGS*	*1.5 ft BGS*	*0.5 ft BGS*	*1.5 ft BGS*	*1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
Volatiles								
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-6 (NW Corner)*	*B-7 F-6 (SE Corner)*	*B-7 F-6 (SE Corner)*	*B-7 F-6 (SW Corner)*	*B-7 F-6 (SW Corner)*	*B-7 F-6 (W)*
Sample ID:			*S-010804-SD-013*	*S-121703-SD-016*	*S-010804-SD-017*	*S-121703-SD-015*	*S-010804-SD-016*	*S-010804-SD-018*
Sample Date:			*1/8/2004*	*12/17/2003*	*1/8/2004*	*12/17/2003*	*1/8/2004*	*1/8/2004*
Sample Depth:			*1.5 ft BGS*	*0.5 ft BGS*	*1.5 ft BGS*	*0.5 ft BGS*	*1.5 ft BGS*	*1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
Methyl acetate	µg/kg	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-	-
Semi-Volatiles								
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-6 (NW Corner)*	*B-7 F-6 (SE Corner)*	*B-7 F-6 (SE Corner)*	*B-7 F-6 (SW Corner)*	*B-7 F-6 (SW Corner)*	*B-7 F-6 (W)*
Sample ID:			*S-010804-SD-013*	*S-121703-SD-016*	*S-010804-SD-017*	*S-121703-SD-015*	*S-010804-SD-016*	*S-010804-SD-018*
Sample Date:			*1/8/2004*	*12/17/2003*	*1/8/2004*	*12/17/2003*	*1/8/2004*	*1/8/2004*
Sample Depth:			*1.5 ft BGS*	*0.5 ft BGS*	*1.5 ft BGS*	*0.5 ft BGS*	*1.5 ft BGS*	*1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
3-Nitroaniline	µg/kg	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-6 (NW Corner)*	*B-7 F-6 (SE Corner)*	*B-7 F-6 (SE Corner)*	*B-7 F-6 (SW Corner)*	*B-7 F-6 (SW Corner)*	*B-7 F-6 (W)*
Sample ID:			*S-010804-SD-013*	*S-121703-SD-016*	*S-010804-SD-017*	*S-121703-SD-015*	*S-010804-SD-016*	*S-010804-SD-018*
Sample Date:			*1/8/2004*	*12/17/2003*	*1/8/2004*	*12/17/2003*	*1/8/2004*	*1/8/2004*
Sample Depth:			*1.5 ft BGS*	*0.5 ft BGS*	*1.5 ft BGS*	*0.5 ft BGS*	*1.5 ft BGS*	*1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
Fluorene	µg/kg	1000000	-	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-	-
Metals								
Aluminum	µg/kg	-	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-6 (NW Corner)*	*B-7 F-6 (SE Corner)*	*B-7 F-6 (SE Corner)*	*B-7 F-6 (SW Corner)*	*B-7 F-6 (SW Corner)*	*B-7 F-6 (W)*
Sample ID:			*S-010804-SD-013*	*S-121703-SD-016*	*S-010804-SD-017*	*S-121703-SD-015*	*S-010804-SD-016*	*S-010804-SD-018*
Sample Date:			*1/8/2004*	*12/17/2003*	*1/8/2004*	*12/17/2003*	*1/8/2004*	*1/8/2004*
Sample Depth:			*1.5 ft BGS*	*0.5 ft BGS*	*1.5 ft BGS*	*0.5 ft BGS*	*1.5 ft BGS*	*1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
PCBs								
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (570) UJ	ND (610) UJ	ND (620) UJ	ND (3100)	ND (1200)	ND (560)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (570)	ND (610)	ND (620)	ND (630)	ND (590)	ND (560)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (570) UJ	ND (610) UJ	ND (620) UJ	ND (3100)	ND (1200)	ND (560)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (570) UJ	ND (610) UJ	ND (620) UJ	ND (3100)	ND (1200)	ND (560)
Aroclor-1248 (PCB-1248)	µg/kg	-	1700	1900	4500	43000	10000	ND (560)
Aroclor-1254 (PCB-1254)	µg/kg	-	3000 J	1900 J	2300 J	8100 J	3000 J	ND (560)
Aroclor-1260 (PCB-1260)	µg/kg	-	1600 J	1500 J	1200 J	1500 J	990 J	ND (560)
Total PCBs	µg/kg	-	6300	5300	8000	52600	13990	ND
Pesticides								
4,4'-DDD	µg/kg	180000	-	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-	-
Petroleum Hydrocarbons								
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-6 (NW Corner)*	*B-7 F-6 (SE Corner)*	*B-7 F-6 (SE Corner)*	*B-7 F-6 (SW Corner)*	*B-7 F-6 (SW Corner)*	*B-7 F-6 (W)*
Sample ID:			*S-010804-SD-013*	*S-121703-SD-016*	*S-010804-SD-017*	*S-121703-SD-015*	*S-010804-SD-016*	*S-010804-SD-018*
Sample Date:			*1/8/2004*	*12/17/2003*	*1/8/2004*	*12/17/2003*	*1/8/2004*	*1/8/2004*
Sample Depth:			*1.5 ft BGS*	*0.5 ft BGS*	*1.5 ft BGS*	*0.5 ft BGS*	*1.5 ft BGS*	*1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
General Chemistry								
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-	-

Notes:

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference (Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-7*	*B-7 F-8*	*B-7 F-9*	*B-7 (Between F-9 and F-10)*	*B-7 F-10*	*B-7 F-10*
Sample ID:			*S-111203-SD-024*	*S-111203-SD-022*	*S-111203-SD-020*	*S-011304-SD-001*	*S-111203-SD-016*	*S-111203-SD-017*
Sample Date:			*11/12/2003*	*11/12/2003*	*11/12/2003*	*1/13/2004*	*11/12/2003*	*11/12/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*1 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						*Duplicate*
Volatiles								
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-7*	*B-7 F-8*	*B-7 F-9*	*B-7 (Between F-9 and F-10)*	*B-7 F-10*	*B-7 F-10*
Sample ID:			*S-111203-SD-024*	*S-111203-SD-022*	*S-111203-SD-020*	*S-011304-SD-001*	*S-111203-SD-016*	*S-111203-SD-017*
Sample Date:			*11/12/2003*	*11/12/2003*	*11/12/2003*	*1/13/2004*	*11/12/2003*	*11/12/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*1 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						*Duplicate*
Methyl acetate	µg/kg	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-	-
Semi-Volatiles								
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-7*	*B-7 F-8*	*B-7 F-9*	*B-7 (Between F-9 and F-10)*	*B-7 F-10*	*B-7 F-10*
Sample ID:			*S-111203-SD-024*	*S-111203-SD-022*	*S-111203-SD-020*	*S-011304-SD-001*	*S-111203-SD-016*	*S-111203-SD-017*
Sample Date:			*11/12/2003*	*11/12/2003*	*11/12/2003*	*1/13/2004*	*11/12/2003*	*11/12/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*1 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						*Duplicate*
3-Nitroaniline	µg/kg	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-7*	*B-7 F-8*	*B-7 F-9*	*B-7 (Between F-9 and F-10)*	*B-7 F-10*	*B-7 F-10*
Sample ID:			*S-111203-SD-024*	*S-111203-SD-022*	*S-111203-SD-020*	*S-011304-SD-001*	*S-111203-SD-016*	*S-111203-SD-017*
Sample Date:			*11/12/2003*	*11/12/2003*	*11/12/2003*	*1/13/2004*	*11/12/2003*	*11/12/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*1 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						*Duplicate*
Fluorene	µg/kg	1000000	-	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-	-
Metals								
Aluminum	µg/kg	-	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-7*	*B-7 F-8*	*B-7 F-9*	*B-7 (Between F-9 and F-10)*	*B-7 F-10*	*B-7 F-10*
Sample ID:			*S-111203-SD-024*	*S-111203-SD-022*	*S-111203-SD-020*	*S-011304-SD-001*	*S-111203-SD-016*	*S-111203-SD-017*
Sample Date:			*11/12/2003*	*11/12/2003*	*11/12/2003*	*1/13/2004*	*11/12/2003*	*11/12/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*1 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						*Duplicate*
PCBs								
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (590)	ND (12000)	ND (12000)	ND (600) UJ	ND (590)	ND (610)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (590)	ND (12000)	ND (12000)	ND (600)	ND (590)	ND (610)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (590)	ND (12000)	ND (12000)	ND (600) UJ	ND (590)	ND (610)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (590)	ND (12000)	ND (12000)	ND (600) UJ	ND (590)	ND (610)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (3000)	120000	130000	1600	2000 J	ND (610) UJ
Aroclor-1254 (PCB-1254)	µg/kg	-	27000	78000 J	ND (12000)	1100 J	2700 J	810 J
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (3000)	30000 J	ND (12000)	610 J	2200 J	2900 J
Total PCBs	µg/kg	-	27000	228000	130000	3310	6900	3710
Pesticides								
4,4'-DDD	µg/kg	180000	-	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-	-
Petroleum Hydrocarbons								
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-7*	*B-7 F-8*	*B-7 F-9*	*B-7 (Between F-9 and F-10)*	*B-7 F-10*	*B-7 F-10*
Sample ID:			*S-111203-SD-024*	*S-111203-SD-022*	*S-111203-SD-020*	*S-011304-SD-001*	*S-111203-SD-016*	*S-111203-SD-017*
Sample Date:			*11/12/2003*	*11/12/2003*	*11/12/2003*	*1/13/2004*	*11/12/2003*	*11/12/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*1 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						*Duplicate*
General Chemistry								
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-	-

Notes:

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference (Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-11*	*B-7 F-12*	*B-7 F-13*	*B-7 F-14*	*B-7 F-15*	*B-7 F-16*	*B-7 F-17*
Sample ID:			*S-111203-SD-029*	*S-111203-SD-032*	*S-111203-SD-035*	*S-111203-SD-038*	*S-111203-SD-042*	*S-111203-SD-045*	*S-111203-SD-013*
Sample Date:			*11/12/2003*	*11/12/2003*	*11/12/2003*	*11/12/2003*	*11/12/2003*	*11/12/2003*	*11/12/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							
Volatiles									
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-11*	*B-7 F-12*	*B-7 F-13*	*B-7 F-14*	*B-7 F-15*	*B-7 F-16*	*B-7 F-17*
Sample ID:			*S-111203-SD-029*	*S-111203-SD-032*	*S-111203-SD-035*	*S-111203-SD-038*	*S-111203-SD-042*	*S-111203-SD-045*	*S-111203-SD-013*
Sample Date:			*11/12/2003*	*11/12/2003*	*11/12/2003*	*11/12/2003*	*11/12/2003*	*11/12/2003*	*11/12/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							
Methyl acetate	µg/kg	-	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-	-	-
Semi-Volatiles									
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-11*	*B-7 F-12*	*B-7 F-13*	*B-7 F-14*	*B-7 F-15*	*B-7 F-16*	*B-7 F-17*
Sample ID:			*S-111203-SD-029*	*S-111203-SD-032*	*S-111203-SD-035*	*S-111203-SD-038*	*S-111203-SD-042*	*S-111203-SD-045*	*S-111203-SD-013*
Sample Date:			*11/12/2003*	*11/12/2003*	*11/12/2003*	*11/12/2003*	*11/12/2003*	*11/12/2003*	*11/12/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							
3-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-11*	*B-7 F-12*	*B-7 F-13*	*B-7 F-14*	*B-7 F-15*	*B-7 F-16*	*B-7 F-17*
Sample ID:			*S-111203-SD-029*	*S-111203-SD-032*	*S-111203-SD-035*	*S-111203-SD-038*	*S-111203-SD-042*	*S-111203-SD-045*	*S-111203-SD-013*
Sample Date:			*11/12/2003*	*11/12/2003*	*11/12/2003*	*11/12/2003*	*11/12/2003*	*11/12/2003*	*11/12/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							
Fluorene	µg/kg	1000000	-	-	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-	-	-
Metals									
Aluminum	µg/kg	-	-	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-11*	*B-7 F-12*	*B-7 F-13*	*B-7 F-14*	*B-7 F-15*	*B-7 F-16*	*B-7 F-17*
Sample ID:			*S-111203-SD-029*	*S-111203-SD-032*	*S-111203-SD-035*	*S-111203-SD-038*	*S-111203-SD-042*	*S-111203-SD-045*	*S-111203-SD-013*
Sample Date:			*11/12/2003*	*11/12/2003*	*11/12/2003*	*11/12/2003*	*11/12/2003*	*11/12/2003*	*11/12/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							
PCBs									
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (620)	ND (570)	ND (3200)	ND (6300)	ND (730)	ND (2900)	ND (580)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (620)	ND (570)	ND (640)	ND (6300)	ND (730)	ND (580)	ND (580)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (620)	ND (570)	ND (3200)	ND (6300)	ND (730)	ND (2900)	ND (580)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (620)	ND (570)	ND (3200)	ND (6300)	ND (730)	ND (2900)	ND (580)
Aroclor-1248 (PCB-1248)	µg/kg	-	1100	1100	17000	62000	7000 J	30000	1400
Aroclor-1254 (PCB-1254)	µg/kg	-	650	660	6700 J	39000 J	4900 J	ND (2900)	6900 J
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (620)	ND (570)	1400 J	15000 J	7400 J	ND (580)	2300 J
Total PCBs	µg/kg	-	1750	1760	25100	116000	19300	30000	10600
Pesticides									
4,4'-DDD	µg/kg	180000	-	-	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-	-	-
Petroleum Hydrocarbons									
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-11*	*B-7 F-12*	*B-7 F-13*	*B-7 F-14*	*B-7 F-15*	*B-7 F-16*	*B-7 F-17*
Sample ID:			*S-111203-SD-029*	*S-111203-SD-032*	*S-111203-SD-035*	*S-111203-SD-038*	*S-111203-SD-042*	*S-111203-SD-045*	*S-111203-SD-013*
Sample Date:			*11/12/2003*	*11/12/2003*	*11/12/2003*	*11/12/2003*	*11/12/2003*	*11/12/2003*	*11/12/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							
General Chemistry									
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-	-	-

Notes:

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference (Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-18*	*B-7 F-19*	*B-7 F-6 (SW Side)*	*B-7 F-6 (Center)*	*B-7 G-1*	*B-7 G-2*	*B-7 G-3*
Sample ID:			*S-121103-SD-001*	*S-121103-SD-005*	*S-121703-SD-115*	*S-122303-SD-017*	*S-111803-SD-001*	*S-111803-SD-003*	*S-111803-SD-005*
Sample Date:			*12/11/2003*	*12/11/2003*	*12/17/2003*	*12/23/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0.5 ft BGS*	*0.5 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							
Volatiles									
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-18*	*B-7 F-19*	*B-7 F-6 (SW Side)*	*B-7 F-6 (Center)*	*B-7 G-1*	*B-7 G-2*	*B-7 G-3*
Sample ID:			*S-121103-SD-001*	*S-121103-SD-005*	*S-121703-SD-115*	*S-122303-SD-017*	*S-111803-SD-001*	*S-111803-SD-003*	*S-111803-SD-005*
Sample Date:			*12/11/2003*	*12/11/2003*	*12/17/2003*	*12/23/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0.5 ft BGS*	*0.5 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							
Methyl acetate	µg/kg	-	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-	-	-
Semi-Volatiles									
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-18*	*B-7 F-19*	*B-7 F-6 (SW Side)*	*B-7 F-6 (Center)*	*B-7 G-1*	*B-7 G-2*	*B-7 G-3*
Sample ID:			*S-121103-SD-001*	*S-121103-SD-005*	*S-121703-SD-115*	*S-122303-SD-017*	*S-111803-SD-001*	*S-111803-SD-003*	*S-111803-SD-005*
Sample Date:			*12/11/2003*	*12/11/2003*	*12/17/2003*	*12/23/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0.5 ft BGS*	*0.5 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							
3-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-18*	*B-7 F-19*	*B-7 F-6 (SW Side)*	*B-7 F-6 (Center)*	*B-7 G-1*	*B-7 G-2*	*B-7 G-3*
Sample ID:			*S-121103-SD-001*	*S-121103-SD-005*	*S-121703-SD-115*	*S-122303-SD-017*	*S-111803-SD-001*	*S-111803-SD-003*	*S-111803-SD-005*
Sample Date:			*12/11/2003*	*12/11/2003*	*12/17/2003*	*12/23/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0.5 ft BGS*	*0.5 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							
Fluorene	µg/kg	1000000	-	-	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-	-	-
Metals									
Aluminum	µg/kg	-	-	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-18*	*B-7 F-19*	*B-7 F-6 (SW Side)*	*B-7 F-6 (Center)*	*B-7 G-1*	*B-7 G-2*	*B-7 G-3*
Sample ID:			*S-121103-SD-001*	*S-121103-SD-005*	*S-121703-SD-115*	*S-122303-SD-017*	*S-111803-SD-001*	*S-111803-SD-003*	*S-111803-SD-005*
Sample Date:			*12/11/2003*	*12/11/2003*	*12/17/2003*	*12/23/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0.5 ft BGS*	*0.5 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							
PCBs									
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (590) UJ	ND (3000)	ND (6300)	ND (570)	ND (11000)	ND (570) UJ	ND (28000)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (590)	ND (600)	ND (630)	ND (570)	ND (560)	ND (570)	ND (28000)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (590) UJ	ND (3000)	ND (6300)	ND (570)	ND (11000)	ND (570) UJ	ND (28000)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (590) UJ	ND (3000)	ND (6300)	ND (570) UJ	ND (11000)	ND (570) UJ	ND (28000)
Aroclor-1248 (PCB-1248)	µg/kg	-	2200	16000	52000	420 J	67000	4200	130000 J
Aroclor-1254 (PCB-1254)	µg/kg	-	3600 J	ND (3000)	20000 J	1200 J	ND (11000)	ND (570) UJ	ND (28000)
Aroclor-1260 (PCB-1260)	µg/kg	-	1400 J	830	2200 J	1000 J	1100	590	4100
Total PCBs	µg/kg	-	7200	16830	74200	2620	68100	4790	134100
Pesticides									
4,4'-DDD	µg/kg	180000	-	-	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-	-	-
Petroleum Hydrocarbons									
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-18*	*B-7 F-19*	*B-7 F-6 (SW Side)*	*B-7 F-6 (Center)*	*B-7 G-1*	*B-7 G-2*	*B-7 G-3*
Sample ID:			*S-121103-SD-001*	*S-121103-SD-005*	*S-121703-SD-115*	*S-122303-SD-017*	*S-111803-SD-001*	*S-111803-SD-003*	*S-111803-SD-005*
Sample Date:			*12/11/2003*	*12/11/2003*	*12/17/2003*	*12/23/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0.5 ft BGS*	*0.5 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							
General Chemistry									
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-	-	-

Notes:

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference (Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 G-4*	*B-7 G-5*	*B-7 G-6*	*B-7 G-7*	*B-7 G-8*	*B-7 G-9*	*B-7 G-10*
Sample ID:			*S-111803-SD-007*	*S-111803-SD-009*	*S-111803-SD-011*	*S-111803-SD-013*	*S-111803-SD-015*	*S-111803-SD-017*	*S-111803-SD-019*
Sample Date:			*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							
Volatiles									
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 G-4*	*B-7 G-5*	*B-7 G-6*	*B-7 G-7*	*B-7 G-8*	*B-7 G-9*	*B-7 G-10*
Sample ID:			*S-111803-SD-007*	*S-111803-SD-009*	*S-111803-SD-011*	*S-111803-SD-013*	*S-111803-SD-015*	*S-111803-SD-017*	*S-111803-SD-019*
Sample Date:			*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							
Methyl acetate	µg/kg	-	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-	-	-
Semi-Volatiles									
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 G-4*	*B-7 G-5*	*B-7 G-6*	*B-7 G-7*	*B-7 G-8*	*B-7 G-9*	*B-7 G-10*
Sample ID:			*S-111803-SD-007*	*S-111803-SD-009*	*S-111803-SD-011*	*S-111803-SD-013*	*S-111803-SD-015*	*S-111803-SD-017*	*S-111803-SD-019*
Sample Date:			*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							
3-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 G-4*	*B-7 G-5*	*B-7 G-6*	*B-7 G-7*	*B-7 G-8*	*B-7 G-9*	*B-7 G-10*
Sample ID:			*S-111803-SD-007*	*S-111803-SD-009*	*S-111803-SD-011*	*S-111803-SD-013*	*S-111803-SD-015*	*S-111803-SD-017*	*S-111803-SD-019*
Sample Date:			*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							
Fluorene	µg/kg	1000000	-	-	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-	-	-
Metals									
Aluminum	µg/kg	-	-	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 G-4*	*B-7 G-5*	*B-7 G-6*	*B-7 G-7*	*B-7 G-8*	*B-7 G-9*	*B-7 G-10*
Sample ID:			*S-111803-SD-007*	*S-111803-SD-009*	*S-111803-SD-011*	*S-111803-SD-013*	*S-111803-SD-015*	*S-111803-SD-017*	*S-111803-SD-019*
Sample Date:			*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							
PCBs									
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (5900)	ND (540) UJ	ND (550) UJ	ND (570)	ND (580)	ND (570)	ND (570)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (590)	ND (540)	ND (550)	ND (570)	ND (580)	ND (570)	ND (570)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (5900)	ND (540) UJ	ND (550) UJ	ND (570)	ND (2900)	ND (2800)	ND (570)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (5900)	ND (540) UJ	ND (550) UJ	ND (570)	ND (580)	ND (570)	ND (570)
Aroclor-1248 (PCB-1248)	µg/kg	-	2000	3000	2400	ND (570)	ND (580)	ND (570)	ND (570)
Aroclor-1254 (PCB-1254)	µg/kg	-	45000	ND (540) UJ	3500 J	9000	28000	15000	7200
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (5900)	1500	3800 J	ND (570) UJ	ND (2900)	ND (2800)	2100
Total PCBs	µg/kg	-	47000	4500	9700	9000	28000	15000	9300
Pesticides									
4,4'-DDD	µg/kg	180000	-	-	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-	-	-
Petroleum Hydrocarbons									
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 G-4*	*B-7 G-5*	*B-7 G-6*	*B-7 G-7*	*B-7 G-8*	*B-7 G-9*	*B-7 G-10*
Sample ID:			*S-111803-SD-007*	*S-111803-SD-009*	*S-111803-SD-011*	*S-111803-SD-013*	*S-111803-SD-015*	*S-111803-SD-017*	*S-111803-SD-019*
Sample Date:			*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							
General Chemistry									
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-	-	-

Notes:

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference (Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 G-11*	*B-7 G-12*	*B-7 G-13*	*B-7 G-14*	*B-7 G-14*	*B-7 G-15*	*B-7 H-2 (8 ft N of F12)*
Sample ID:			*S-111803-SD-021*	*S-111803-SD-023*	*S-111803-SD-026*	*S-111803-SD-028*	*S-111803-SD-029*	*S-111803-SD-031*	*S-112003-SD-007*
Sample Date:			*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/20/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
		RUSCO					*Duplicate*		
Parameter	*Units*	*Criteria*							
Volatiles									
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 G-11*	*B-7 G-12*	*B-7 G-13*	*B-7 G-14*	*B-7 G-14*	*B-7 G-15*	*B-7 H-2 (8 ft N of F12)*
Sample ID:			*S-111803-SD-021*	*S-111803-SD-023*	*S-111803-SD-026*	*S-111803-SD-028*	*S-111803-SD-029*	*S-111803-SD-031*	*S-112003-SD-007*
Sample Date:			*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/20/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
		RUSCO					*Duplicate*		
Parameter	*Units*	*Criteria*							
Methyl acetate	µg/kg	-	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-	-	-
Semi-Volatiles									
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 G-11*	*B-7 G-12*	*B-7 G-13*	*B-7 G-14*	*B-7 G-14*	*B-7 G-15*	*B-7 H-2 (8 ft N of F12)*
Sample ID:			*S-111803-SD-021*	*S-111803-SD-023*	*S-111803-SD-026*	*S-111803-SD-028*	*S-111803-SD-029*	*S-111803-SD-031*	*S-112003-SD-007*
Sample Date:			*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/20/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
		RUSCO					*Duplicate*		
Parameter	*Units*	*Criteria*							
3-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 G-11*	*B-7 G-12*	*B-7 G-13*	*B-7 G-14*	*B-7 G-14*	*B-7 G-15*	*B-7 H-2 (8 ft N of F12)*
Sample ID:			*S-111803-SD-021*	*S-111803-SD-023*	*S-111803-SD-026*	*S-111803-SD-028*	*S-111803-SD-029*	*S-111803-SD-031*	*S-112003-SD-007*
Sample Date:			*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/20/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
		RUSCO					*Duplicate*		
Parameter	*Units*	*Criteria*							
Fluorene	µg/kg	1000000	-	-	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-	-	-
Metals									
Aluminum	µg/kg	-	-	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 G-11*	*B-7 G-12*	*B-7 G-13*	*B-7 G-14*	*B-7 G-14*	*B-7 G-15*	*B-7 H-2 (8 ft N of F12)*
Sample ID:			*S-111803-SD-021*	*S-111803-SD-023*	*S-111803-SD-026*	*S-111803-SD-028*	*S-111803-SD-029*	*S-111803-SD-031*	*S-112003-SD-007*
Sample Date:			*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/20/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
		RUSCO					*Duplicate*		
Parameter	*Units*	*Criteria*							
PCBs									
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (570)	ND (590)	ND (580)	ND (590)	ND (580)	ND (2900)	ND (600) UJ
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (570)	ND (590)	ND (580)	ND (590)	ND (580)	ND (580)	ND (600)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (2900)	ND (5900)	ND (2900)	ND (2900)	ND (5800)	ND (2900)	ND (600) UJ
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (570)	ND (590)	ND (580)	ND (590)	ND (580)	ND (2900)	ND (600) UJ
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (570)	ND (5900)	ND (580)	ND (590)	ND (5800)	20000	380 J
Aroclor-1254 (PCB-1254)	µg/kg	-	20000	61000	22000	33000 J	56000 J	27000	2000
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (2900)	ND (5900)	ND (2900)	ND (2900)	ND (5800)	ND (2900)	ND (600)
Total PCBs	µg/kg	-	20000	61000	22000	33000	56000	47000	2380
Pesticides									
4,4'-DDD	µg/kg	180000	-	-	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-	-	-
Petroleum Hydrocarbons									
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 G-11*	*B-7 G-12*	*B-7 G-13*	*B-7 G-14*	*B-7 G-14*	*B-7 G-15*	*B-7 H-2 (8 ft N of F12)*
Sample ID:			*S-111803-SD-021*	*S-111803-SD-023*	*S-111803-SD-026*	*S-111803-SD-028*	*S-111803-SD-029*	*S-111803-SD-031*	*S-112003-SD-007*
Sample Date:			*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/20/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
		RUSCO					*Duplicate*		
Parameter	*Units*	*Criteria*							
General Chemistry									
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-	-	-

Notes:

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference (Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 H-3 (3 ft S of F12)*	*B-7 H-1 (3 ft N of F12)*	*B-7 H-4 (8 ft S of F12)*	*B-7 H-5 (3 ft W of F12)*	*B-7 H-6 (8 ft W of F12)*
Sample ID:			*S-112003-SD-001*	*S-112003-SD-005*	*S-112003-SD-003*	*S-112003-SD-021*	*S-112003-SD-024*
Sample Date:			*11/20/2003*	*11/20/2003*	*11/20/2003*	*11/20/2003*	*11/20/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 H-3 (3 ft S of F12)*	*B-7 H-1 (3 ft N of F12)*	*B-7 H-4 (8 ft S of F12)*	*B-7 H-5 (3 ft W of F12)*	*B-7 H-6 (8 ft W of F12)*
Sample ID:			*S-112003-SD-001*	*S-112003-SD-005*	*S-112003-SD-003*	*S-112003-SD-021*	*S-112003-SD-024*
Sample Date:			*11/20/2003*	*11/20/2003*	*11/20/2003*	*11/20/2003*	*11/20/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 H-3 (3 ft S of F12)*	*B-7 H-1 (3 ft N of F12)*	*B-7 H-4 (8 ft S of F12)*	*B-7 H-5 (3 ft W of F12)*	*B-7 H-6 (8 ft W of F12)*
Sample ID:			*S-112003-SD-001*	*S-112003-SD-005*	*S-112003-SD-003*	*S-112003-SD-021*	*S-112003-SD-024*
Sample Date:			*11/20/2003*	*11/20/2003*	*11/20/2003*	*11/20/2003*	*11/20/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
3-Nitroaniline	µg/kg	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 H-3 (3 ft S of F12)*	*B-7 H-1 (3 ft N of F12)*	*B-7 H-4 (8 ft S of F12)*	*B-7 H-5 (3 ft W of F12)*	*B-7 H-6 (8 ft W of F12)*
Sample ID:			*S-112003-SD-001*	*S-112003-SD-005*	*S-112003-SD-003*	*S-112003-SD-021*	*S-112003-SD-024*
Sample Date:			*11/20/2003*	*11/20/2003*	*11/20/2003*	*11/20/2003*	*11/20/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Fluorene	µg/kg	1000000	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-
Metals							
Aluminum	µg/kg	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 H-3 (3 ft S of F12)*	*B-7 H-1 (3 ft N of F12)*	*B-7 H-4 (8 ft S of F12)*	*B-7 H-5 (3 ft W of F12)*	*B-7 H-6 (8 ft W of F12)*
Sample ID:			*S-112003-SD-001*	*S-112003-SD-005*	*S-112003-SD-003*	*S-112003-SD-021*	*S-112003-SD-024*
Sample Date:			*11/20/2003*	*11/20/2003*	*11/20/2003*	*11/20/2003*	*11/20/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (570) UJ	ND (600) UJ	ND (660)	ND (5700)	ND (620) UJ
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (570)	ND (600)	ND (660)	ND (5700)	ND (620)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (570) UJ	ND (600) UJ	ND (660)	ND (5700)	ND (620) UJ
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (570) UJ	ND (600) UJ	ND (660)	ND (5700)	ND (620) UJ
Aroclor-1248 (PCB-1248)	µg/kg	-	670	4700	ND (660)	ND (5700)	1500
Aroclor-1254 (PCB-1254)	µg/kg	-	1400	4000 J	ND (660)	69000 J	3100 J
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (570)	1200 J	ND (660)	16000 J	1100 J
Total PCBs	µg/kg	-	2070	9900	ND	85000	5700
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 H-3 (3 ft S of F12)*	*B-7 H-1 (3 ft N of F12)*	*B-7 H-4 (8 ft S of F12)*	*B-7 H-5 (3 ft W of F12)*	*B-7 H-6 (8 ft W of F12)*
Sample ID:			*S-112003-SD-001*	*S-112003-SD-005*	*S-112003-SD-003*	*S-112003-SD-021*	*S-112003-SD-024*
Sample Date:			*11/20/2003*	*11/20/2003*	*11/20/2003*	*11/20/2003*	*11/20/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-

Notes:

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference (Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 H-7 (3 ft E of F12)*	*B-7 H-8 (8 ft E of F12)*	*BH1-99*	*BH2-99*	*BH5-99*	*BH6-99*	*BH7-99*	*BH8-00*	*BH8-99*
Sample ID:			*S-112003-SD-014*	*S-112003-SD-018*	*S-JRR-060*	*S-JRR-059*	*S-JRR-046*	*S-JRR-042*	*S-JRR-034*	*S-MEJ-415*	*S-JRR-038*
Sample Date:			*11/20/2003*	*11/20/2003*	*8/5/1999*	*8/5/1999*	*8/5/1999*	*8/5/1999*	*8/4/1999*	*9/5/2000*	*8/4/1999*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*1-2 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*1-2 ft BGS*	*0-1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*									
Volatiles											
1,1,1-Trichloroethane	µg/kg	1000000	-	-	ND (11)	ND (11)	ND (11)	ND (11)	ND (11)	-	ND (10)
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	ND (11)	ND (11)	ND (11)	ND (11)	ND (11)	-	ND (10)
1,1,2-Trichloroethane	µg/kg	-	-	-	ND (11)	ND (11)	ND (11)	ND (11)	ND (11)	-	ND (10)
1,1-Dichloroethane	µg/kg	480000	-	-	ND (11)	ND (11)	ND (11)	ND (11)	ND (11)	-	ND (10)
1,1-Dichloroethene	µg/kg	1000000	-	-	ND (11)	ND (11)	ND (11)	ND (11)	ND (11)	-	ND (10)
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	ND (11)	ND (11)	ND (11)	ND (11)	ND (11)	-	ND (10)
1,2-Dichloroethene (total)	µg/kg	-	-	-	ND (11)	ND (11)	ND (11)	ND (11)	ND (11)	-	ND (10)
1,2-Dichloropropane	µg/kg	-	-	-	ND (11)	ND (11)	ND (11)	ND (11)	ND (11)	-	ND (10)
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	ND (11)	ND (11)	ND (11)	ND (11)	ND (11)	-	ND (10)
2-Hexanone	µg/kg	-	-	-	ND (11)	ND (11)	ND (11)	ND (11)	ND (11)	-	ND (10)
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	ND (11)	ND (11)	ND (11)	ND (11)	ND (11)	-	ND (10)
Acetone	µg/kg	1000000	-	-	ND (11)	ND (11)	2 J	ND (11)	4 J	-	2 J
Benzene	µg/kg	89000	-	-	ND (11)	ND (11)	ND (11)	ND (11)	ND (11)	-	ND (10)
Bromodichloromethane	µg/kg	-	-	-	ND (11)	ND (11)	ND (11)	ND (11)	ND (11)	-	ND (10)
Bromoform	µg/kg	-	-	-	ND (11)	ND (11)	ND (11)	ND (11)	ND (11)	-	ND (10)
Bromomethane (Methyl bromide)	µg/kg	-	-	-	ND (11)	ND (11)	ND (11)	ND (11)	ND (11)	-	ND (10)
Carbon disulfide	µg/kg	-	-	-	3 J	3 J	ND (11)	ND (11)	2 J	-	3 J
Carbon tetrachloride	µg/kg	44000	-	-	ND (11)	ND (11)	ND (11)	ND (11)	ND (11)	-	ND (10)
Chlorobenzene	µg/kg	1000000	-	-	ND (11)	ND (11)	ND (11)	ND (11)	ND (11)	-	ND (10)
Chloroethane	µg/kg	-	-	-	ND (11)	ND (11)	ND (11)	ND (11)	ND (11)	-	ND (10)
Chloroform (Trichloromethane)	µg/kg	700000	-	-	1 J	ND (11)	ND (11)	ND (11)	ND (11)	-	ND (10)
Chloromethane (Methyl chloride)	µg/kg	-	-	-	ND (11)	ND (11)	ND (11)	ND (11)	ND (11)	-	ND (10)
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	ND (11)	ND (11)	ND (11)	ND (11)	ND (11)	-	ND (10)
Cyclohexane	µg/kg	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	ND (11)	ND (11)	ND (11)	ND (11)	ND (11)	-	ND (10)
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	2 J	ND (11)	ND (11)	ND (11)	ND (11)	-	1 J
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 H-7 (3 ft E of F12)*	*B-7 H-8 (8 ft E of F12)*	*BH1-99*	*BH2-99*	*BH5-99*	*BH6-99*	*BH7-99*	*BH8-00*	*BH8-99*
Sample ID:			*S-112003-SD-014*	*S-112003-SD-018*	*S-JRR-060*	*S-JRR-059*	*S-JRR-046*	*S-JRR-042*	*S-JRR-034*	*S-MEJ-415*	*S-JRR-038*
Sample Date:			*11/20/2003*	*11/20/2003*	*8/5/1999*	*8/5/1999*	*8/5/1999*	*8/5/1999*	*8/4/1999*	*9/5/2000*	*8/4/1999*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*1-2 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*1-2 ft BGS*	*0-1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*									
Methyl acetate	µg/kg	-	-	-	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	ND (11)	ND (11)	ND (11)	ND (11)	ND (11)	-	ND (10)
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	ND (11)	ND (11)	ND (11)	ND (11)	ND (11)	-	ND (10)
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	ND (11)	ND (11)	ND (11)	ND (11)	ND (11)	-	ND (10)
Toluene	µg/kg	1000000	-	-	7 J	3 J	ND (11)	ND (11)	1 J	-	4 J
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	ND (11)	ND (11)	ND (11)	ND (11)	ND (11)	-	ND (10)
Trichloroethene	µg/kg	400000	-	-	ND (11)	ND (11)	ND (11)	ND (11)	ND (11)	-	ND (10)
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	ND (11)	ND (11)	ND (11)	ND (11)	ND (11)	-	ND (10)
Xylenes (total)	µg/kg	1000000	-	-	7 J	ND (3) J	ND (11)	ND (11)	ND (11)	-	7 J
Semi-Volatiles											
1,2,4-Trichlorobenzene	µg/kg	-	-	-	ND (340)	ND (690)	ND (720)	110 J	ND (730)	-	ND (350)
1,2-Dichlorobenzene	µg/kg	1000000	-	-	ND (340)	ND (690)	ND (720)	ND (720)	ND (730)	-	ND (350)
1,3-Dichlorobenzene	µg/kg	560000	-	-	ND (340)	ND (690)	ND (720)	ND (720)	ND (730)	-	ND (350)
1,4-Dichlorobenzene	µg/kg	250000	-	-	ND (340)	ND (690)	ND (720)	ND (720)	ND (730)	-	ND (350)
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	ND (340)	ND (690)	ND (720)	ND (720)	ND (730)	-	ND (350)
2,4,5-Trichlorophenol	µg/kg	-	-	-	ND (850)	ND (1700)	ND (1800)	ND (1800)	ND (1800)	-	ND (870)
2,4,6-Trichlorophenol	µg/kg	-	-	-	ND (340)	ND (690)	ND (720)	ND (720)	ND (730)	-	ND (350)
2,4-Dichlorophenol	µg/kg	-	-	-	ND (340)	ND (690)	ND (720)	ND (720)	ND (730)	-	ND (350)
2,4-Dimethylphenol	µg/kg	-	-	-	ND (340)	ND (690)	ND (720)	180 J	ND (730)	-	ND (350)
2,4-Dinitrophenol	µg/kg	-	-	-	ND (850)	ND (1700)	ND (1800)	ND (1800)	ND (730)	-	ND (870)
2,4-Dinitrotoluene	µg/kg	-	-	-	ND (340)	ND (690)	ND (720)	ND (720)	ND (730)	-	ND (350)
2,6-Dinitrotoluene	µg/kg	-	-	-	ND (340)	ND (690)	ND (720)	ND (720)	ND (730)	-	ND (350)
2-Chloronaphthalene	µg/kg	-	-	-	ND (340)	ND (690)	ND (720)	ND (720)	ND (730)	-	ND (350)
2-Chlorophenol	µg/kg	-	-	-	ND (340)	ND (690)	ND (720)	ND (720)	ND (730)	-	ND (350)
2-Methylnaphthalene	µg/kg	-	-	-	ND (340)	ND (690)	ND (720)	380 J	ND (730)	-	95 J
2-Methylphenol	µg/kg	1000000	-	-	ND (340)	ND (690)	ND (720)	ND (720)	ND (730)	-	ND (350)
2-Nitroaniline	µg/kg	-	-	-	ND (850)	ND (1700)	ND (1800)	ND (1800)	ND (1800)	-	ND (870)
2-Nitrophenol	µg/kg	-	-	-	ND (340)	ND (690)	ND (720)	ND (720)	ND (730)	-	ND (350)
3&4-Methylphenol	µg/kg	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	ND (340)	ND (690)	ND (720)	ND (720)	ND (730)	-	ND (350)

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 H-7 (3 ft E of F12)*	*B-7 H-8 (8 ft E of F12)*	*BH1-99*	*BH2-99*	*BH5-99*	*BH6-99*	*BH7-99*	*BH8-00*	*BH8-99*
Sample ID:			*S-112003-SD-014*	*S-112003-SD-018*	*S-JRR-060*	*S-JRR-059*	*S-JRR-046*	*S-JRR-042*	*S-JRR-034*	*S-MEJ-415*	*S-JRR-038*
Sample Date:			*11/20/2003*	*11/20/2003*	*8/5/1999*	*8/5/1999*	*8/5/1999*	*8/5/1999*	*8/4/1999*	*9/5/2000*	*8/4/1999*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*1-2 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*1-2 ft BGS*	*0-1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*									
3-Nitroaniline	µg/kg	-	-	-	ND (850)	ND (1700)	ND (1800)	ND (1800)	ND (1800)	-	ND (870)
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	ND (850)	ND (1700)	ND (1800)	ND (1800)	ND (1800)	-	ND (870)
4-Bromophenyl phenyl ether	µg/kg	-	-	-	ND (340)	ND (690)	ND (720)	ND (720)	ND (730)	-	ND (350)
4-Chloro-3-methylphenol	µg/kg	-	-	-	ND (340)	ND (690)	ND (720)	ND (720)	ND (730)	-	ND (350)
4-Chloroaniline	µg/kg	-	-	-	ND (340)	ND (690)	ND (720)	ND (720)	ND (730)	-	ND (350)
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	ND (340)	ND (690)	ND (720)	ND (720)	ND (730)	-	ND (350)
4-Methylphenol	µg/kg	1000000	-	-	ND (340)	ND (690)	ND (720)	ND (720)	ND (730)	-	ND (350)
4-Nitroaniline	µg/kg	-	-	-	ND (850)	ND (1700)	ND (1800)	ND (1800)	ND (1800)	-	ND (870)
4-Nitrophenol	µg/kg	-	-	-	ND (850)	ND (1700)	ND (1800)	ND (1800)	ND (730)	-	ND (870)
Acenaphthene	µg/kg	1000000	-	-	ND (340)	87 J	ND (720)	470 J	ND (730)	-	120 J
Acenaphthylene	µg/kg	1000000	-	-	ND (340)	ND (690)	ND (720)	640 J	ND (730)	-	140 J
Acetophenone	µg/kg	-	-	-	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	ND (340)	200 J	82 J	1400	190 J	-	440
Atrazine	µg/kg	-	-	-	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	120 J	550 J	310 J	4200	590 J	-	1900
Benzo(a)pyrene	µg/kg	1100	-	-	120 J	470 J	350 J	**3400**	590 J	-	**1700**
Benzo(b)fluoranthene	µg/kg	11000	-	-	170 J	550 J	370 J	5500	610 J	-	1900
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	52 J	180 J	170 J	1400	220 J	-	950
Benzo(k)fluoranthene	µg/kg	110000	-	-	160 J	440 J	320 J	3200	560 J	-	1300
Benzoic acid	µg/kg	-	-	-	-	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	ND (340)	ND (690)	ND (720)	ND (720)	ND (730)	-	ND (350)
bis(2-Chloroethyl)ether	µg/kg	-	-	-	ND (340)	ND (690)	ND (720)	ND (720)	ND (730)	-	ND (350)
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	120 J	ND (690)	ND (720)	180 J	200 J	-	110 J
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	ND (340)	ND (690)	ND (720)	ND (720)	ND (730)	-	ND (350)
Caprolactam	µg/kg	-	-	-	-	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	ND (340)	75 J	ND (720)	410 J	84 J	-	190 J
Chrysene	µg/kg	110000	-	-	180 J	640 J	380 J	5100	710 J	-	2100
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	ND (340)	89 J	ND (720)	830	ND (730)	-	420
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	ND (340)	ND (690)	ND (720)	410 J	ND (730)	-	96 J
Diethyl phthalate	µg/kg	-	-	-	ND (340)	ND (690)	ND (720)	ND (720)	ND (730)	-	ND (350)
Dimethyl phthalate	µg/kg	-	-	-	ND (340)	ND (690)	ND (720)	ND (720)	ND (730)	-	ND (350)
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	38 J	ND (690)	ND (720)	ND (720)	ND (730)	-	ND (350)
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	ND (340)	ND (690)	ND (720)	ND (720)	ND (730)	-	ND (350)
Fluoranthene	µg/kg	1000000	-	-	290 J	1200	530 J	6900	1300	-	3900

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 H-7 (3 ft E of F12)*	*B-7 H-8 (8 ft E of F12)*	*BH1-99*	*BH2-99*	*BH5-99*	*BH6-99*	*BH7-99*	*BH8-00*	*BH8-99*
Sample ID:			*S-112003-SD-014*	*S-112003-SD-018*	*S-JRR-060*	*S-JRR-059*	*S-JRR-046*	*S-JRR-042*	*S-JRR-034*	*S-MEJ-415*	*S-JRR-038*
Sample Date:			*11/20/2003*	*11/20/2003*	*8/5/1999*	*8/5/1999*	*8/5/1999*	*8/5/1999*	*8/4/1999*	*9/5/2000*	*8/4/1999*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*1-2 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*1-2 ft BGS*	*0-1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*									
Fluorene	µg/kg	1000000	-	-	ND (340)	70 J	ND (720)	870	ND (730)	-	120 J
Hexachlorobenzene	µg/kg	12000	-	-	ND (340)	ND (690)	ND (720)	ND (720)	ND (730)	-	ND (350)
Hexachlorobutadiene	µg/kg	-	-	-	ND (340)	ND (690)	ND (720)	ND (720)	ND (730)	-	ND (350)
Hexachlorocyclopentadiene	µg/kg	-	-	-	ND (340)	ND (690)	ND (720)	ND (720) J	ND (730)	-	ND (350)
Hexachloroethane	µg/kg	-	-	-	ND (340)	ND (690)	ND (720)	ND (720)	ND (730)	-	ND (350)
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	56 J	180 J	140 J	1500	230 J	-	950
Isophorone	µg/kg	-	-	-	ND (340)	ND (690)	ND (720)	ND (720)	ND (730)	-	ND (350)
Naphthalene	µg/kg	1000000	-	-	ND (340)	ND (690)	ND (720)	460 J	ND (730)	-	100 J
Nitrobenzene	µg/kg	140000	-	-	ND (340)	ND (690)	ND (720)	ND (720)	ND (730)	-	ND (350)
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	ND (340)	ND (690)	ND (720)	ND (720)	ND (730)	-	ND (350)
N-Nitrosodiphenylamine	µg/kg	-	-	-	ND (340)	ND (690)	ND (720)	ND (720)	ND (730)	-	ND (350)
Pentachlorophenol	µg/kg	55000	-	-	ND (850)	ND (1700)	ND (1800)	ND (1800)	ND (1800)	-	ND (870)
Phenanthrene	µg/kg	1000000	-	-	150 J	980	350 J	5000	890	-	2100
Phenol	µg/kg	1000000	-	-	ND (340)	ND (690)	ND (720)	ND (720)	ND (730)	-	ND (350)
Pyrene	µg/kg	1000000	-	-	200 J	960	470 J	4900	980	-	3200
Metals											
Aluminum	µg/kg	-	-	-	7550000	9970000	5600000	8240000	6760000	2740000	5290000
Antimony	µg/kg	-	-	-	1900 J	8500 J	12500 J	ND (15600) J	1800 J	1600 J	1900 J
Arsenic	µg/kg	16000	-	-	**17300**	**65400**	**28900**	**50700**	13300	11000 J	**23400**
Barium	µg/kg	10000000	-	-	48400	92700	72400	256000	88200	35700	86500
Beryllium	µg/kg	2700000	-	-	410	540	2400	630	370	170	270
Cadmium	µg/kg	60000	-	-	460	920	35900	3600	1200	ND (43)	1300
Calcium	µg/kg	-	-	-	882000	1440000	39200000	16300000	15400000	345000	70100000
Chromium	µg/kg	-	-	-	20200 J	29500	39700	126000	18900	6300	13900
Cobalt	µg/kg	-	-	-	6200	11100	16900	75600	10600	2800	6700
Copper	µg/kg	10000000	-	-	740000 J	1980000 J	**57300000 J**	3040000 J	494000 J	230000	1020000 J
Iron	µg/kg	-	-	-	15200000	29500000	12300000	86200000	16000000	6600000	13500000
Lead	µg/kg	3900000	-	-	253000	498000	487000	2930000	325000	61700	460000
Magnesium	µg/kg	-	-	-	1960000	3330000	6960000	9690000	3990000	498000	9070000
Manganese	µg/kg	10000000	-	-	208000	395000 J	166000 J	709000 J	195000	50800	422000 J
Mercury	µg/kg	5700	-	-	610 J	1000 J	500 J	**11600 J**	380 J	450 J	1000 J
Nickel	µg/kg	10000000	-	-	37000	66100	166000	72200	20000	5600	22300
Potassium	µg/kg	-	-	-	469000 J	1400000 J	498000 J	1480000 J	917000 J	286000	1320000 J
Selenium	µg/kg	6800000	-	-	41000	32200	8700	11500	2100	36200	4500
Silver	µg/kg	6800000	-	-	3600	13200	16400	4000	1100	2100 J	1500
Sodium	µg/kg	-	-	-	ND (92000)	107000	569000	840000	165000	79000	493000
Thallium	µg/kg	-	-	-	ND (1300)	2000	1600	14300	1800	710	1700
Vanadium	µg/kg	-	-	-	46600	61400	33200	48800	27700	10300	22900
Zinc	µg/kg	10000000	-	-	93200	274000	1010000	6050000	401000 J	24300	328000

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 H-7 (3 ft E of F12)*	*B-7 H-8 (8 ft E of F12)*	*BH1-99*	*BH2-99*	*BH5-99*	*BH6-99*	*BH7-99*	*BH8-00*	*BH8-99*
Sample ID:			*S-112003-SD-014*	*S-112003-SD-018*	*S-JRR-060*	*S-JRR-059*	*S-JRR-046*	*S-JRR-042*	*S-JRR-034*	*S-MEJ-415*	*S-JRR-038*
Sample Date:			*11/20/2003*	*11/20/2003*	*8/5/1999*	*8/5/1999*	*8/5/1999*	*8/5/1999*	*8/4/1999*	*9/5/2000*	*8/4/1999*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*1-2 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*1-2 ft BGS*	*0-1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*									
PCBs											
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (600) UJ	ND (600)	ND (34)	ND (34)	ND (36)	ND (36)	ND (36)	-	ND (34)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (600)	ND (600)	ND (68)	ND (69)	ND (72)	ND (72)	ND (73)	-	ND (70)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (600) UJ	ND (600)	ND (34)	ND (34)	ND (36)	ND (36)	ND (36)	-	ND (34)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (600) UJ	ND (600)	ND (34)	ND (34)	ND (36)	ND (36)	ND (36)	-	ND (34)
Aroclor-1248 (PCB-1248)	µg/kg	-	460 J	560 J	ND (34)	ND (34)	ND (36)	ND (36)	ND (36)	-	ND (34)
Aroclor-1254 (PCB-1254)	µg/kg	-	2700	ND (600)	ND (34)	83 J	66 J	130 J	26 J	-	42
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (600) UJ	ND (600)	ND (34)	85	68 J	100	65 J	-	51
Total PCBs	µg/kg	-	3160	560	ND	168	134	230	91	-	93
Pesticides											
4,4'-DDD	µg/kg	180000	-	-	ND (3.4)	ND (3.4)	ND (3.6)	2.9 J	3.6 J	-	ND (3.4)
4,4'-DDE	µg/kg	120000	-	-	ND (3.4)	ND (3.4)	5.7 J	5.6 J	ND (3.6)	-	ND (3.4)
4,4'-DDT	µg/kg	94000	-	-	14 J	13 J	ND (18)	8.8	ND (3.6)	-	ND (3.4)
Aldrin	µg/kg	1400	-	-	ND (1.7)	ND (1.8)	ND (1.8)	ND (1.8)	ND (1.8)	-	ND (1.8)
alpha-BHC	µg/kg	6800	-	-	ND (1.7)	ND (1.8)	ND (1.8)	ND (1.8)	ND (1.8)	-	ND (1.8)
alpha-Chlordane	µg/kg	47000	-	-	ND (1.7)	ND (1.8)	ND (1.8)	ND (1.8)	ND (4.1)	-	ND (1.8)
beta-BHC	µg/kg	14000	-	-	ND (1.7)	ND (1.8)	ND (1.8)	ND (1.8)	ND (1.8)	-	ND (1.8)
delta-BHC	µg/kg	1000000	-	-	ND (1.7)	ND (1.8)	ND (1.8)	ND (1.8)	ND (1.8)	-	ND (1.8)
Dieldrin	µg/kg	2800	-	-	ND (3.4)	ND (3.4)	ND (3.6)	ND (3.6)	ND (3.6)	-	ND (3.4)
Endosulfan I	µg/kg	920000	-	-	ND (1.7)	ND (1.8)	ND (3.6)	4.4 J	ND (1.8)	-	ND (1.8)
Endosulfan II	µg/kg	920000	-	-	ND (3.4)	2.0 J	ND (3.6)	ND (3.6)	ND (3.6)	-	ND (3.4)
Endosulfan sulfate	µg/kg	920000	-	-	ND (3.4)	2.4 J	ND (3.6)	4.6 J	4.2 J	-	3.8 J
Endrin	µg/kg	410000	-	-	ND (3.4)	ND (3.4)	ND (3.6)	ND (3.6)	ND (3.6)	-	ND (3.4)
Endrin aldehyde	µg/kg	-	-	-	3.3 J	2.8 J	5.1 J	15	ND (3.6)	-	ND (3.4)
Endrin ketone	µg/kg	-	-	-	ND (3.4)	6.0 J	6.0 J	14	3.9	-	11
gamma-BHC (lindane)	µg/kg	23000	-	-	ND (1.7)	ND (1.8)	ND (1.8)	ND (1.8)	ND (1.8)	-	ND (1.8)
gamma-Chlordane	µg/kg	-	-	-	ND (1.7)	ND (1.8)	ND (1.8)	ND (1.8)	ND (3.8)	-	1.3 J
Heptachlor	µg/kg	29000	-	-	ND (1.7)	ND (1.8)	ND (1.8)	ND (1.8)	ND (1.8)	-	ND (1.8)
Heptachlor epoxide	µg/kg	-	-	-	ND (1.7)	ND (1.8)	ND (1.8)	ND (1.8)	ND (1.8)	-	ND (1.8)
Methoxychlor	µg/kg	-	-	-	ND (17)	ND (18)	ND (18)	ND (18)	ND (18)	-	ND (18)
Toxaphene	µg/kg	-	-	-	ND (170)	ND (180)	ND (180)	ND (180)	ND (180)	-	ND (180)
Petroleum Hydrocarbons											
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 H-7 (3 ft E of F12)*	*B-7 H-8 (8 ft E of F12)*	*BH1-99*	*BH2-99*	*BH5-99*	*BH6-99*	*BH7-99*	*BH8-00*	*BH8-99*
Sample ID:			*S-112003-SD-014*	*S-112003-SD-018*	*S-JRR-060*	*S-JRR-059*	*S-JRR-046*	*S-JRR-042*	*S-JRR-034*	*S-MEJ-415*	*S-JRR-038*
Sample Date:			*11/20/2003*	*11/20/2003*	*8/5/1999*	*8/5/1999*	*8/5/1999*	*8/5/1999*	*8/4/1999*	*9/5/2000*	*8/4/1999*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*1-2 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*1-2 ft BGS*	*0-1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*									
General Chemistry											
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	ND (520)	ND (540)	ND (540)	ND (540)	-	ND (520)
Nitrogen	µg/kg	-	-	-	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-	-	-	5.39	-
pH (water)	s.u.	-	-	-	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-	-	-	127000000	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-	-	-	92.2	-
Total volatile solids	%	-	-	-	-	-	-	-	-	-	-

Notes:

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference (Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*BH9-00*	*BH12-00*	*BH13-00*	*BH15-00*	*BH16-00*	*BH17-00*	*BH18-00*	*BH19-00*	*BH20-00*	*BH21-00*
Sample ID:			*S-MEJ-419*	*S-MEJ-423*	*S-MEJ-412*	*S-AMD-437*	*S-AMD-461*	*S-AMD-435*	*S-AMD-439*	*S-AMD-452*	*S-AMD-454*	*S-AMD-457*
Sample Date:			*9/6/2000*	*9/6/2000*	*9/5/2000*	*9/7/2000*	*9/11/2000*	*9/7/2000*	*9/7/2000*	*9/11/2000*	*9/11/2000*	*9/11/2000*
Sample Depth:			*0.8-1.8 ft BGS*	*1-2 ft BGS*	*1-2 ft BGS*	*1-2 ft BGS*	*0-1 ft BGS*	*1-2 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*										
Volatiles												
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*BH9-00*	*BH12-00*	*BH13-00*	*BH15-00*	*BH16-00*	*BH17-00*	*BH18-00*	*BH19-00*	*BH20-00*	*BH21-00*
Sample ID:			*S-MEJ-419*	*S-MEJ-423*	*S-MEJ-412*	*S-AMD-437*	*S-AMD-461*	*S-AMD-435*	*S-AMD-439*	*S-AMD-452*	*S-AMD-454*	*S-AMD-457*
Sample Date:			*9/6/2000*	*9/6/2000*	*9/5/2000*	*9/7/2000*	*9/11/2000*	*9/7/2000*	*9/7/2000*	*9/11/2000*	*9/11/2000*	*9/11/2000*
Sample Depth:			*0.8-1.8 ft BGS*	*1-2 ft BGS*	*1-2 ft BGS*	*1-2 ft BGS*	*0-1 ft BGS*	*1-2 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*										
Methyl acetate	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
Semi-Volatiles												
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*BH9-00*	*BH12-00*	*BH13-00*	*BH15-00*	*BH16-00*	*BH17-00*	*BH18-00*	*BH19-00*	*BH20-00*	*BH21-00*
Sample ID:			*S-MEJ-419*	*S-MEJ-423*	*S-MEJ-412*	*S-AMD-437*	*S-AMD-461*	*S-AMD-435*	*S-AMD-439*	*S-AMD-452*	*S-AMD-454*	*S-AMD-457*
Sample Date:			*9/6/2000*	*9/6/2000*	*9/5/2000*	*9/7/2000*	*9/11/2000*	*9/7/2000*	*9/7/2000*	*9/11/2000*	*9/11/2000*	*9/11/2000*
Sample Depth:			*0.8-1.8 ft BGS*	*1-2 ft BGS*	*1-2 ft BGS*	*1-2 ft BGS*	*0-1 ft BGS*	*1-2 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*										
3-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-	-	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-	-	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-	-	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*BH9-00*	*BH12-00*	*BH13-00*	*BH15-00*	*BH16-00*	*BH17-00*	*BH18-00*	*BH19-00*	*BH20-00*	*BH21-00*
Sample ID:			*S-MEJ-419*	*S-MEJ-423*	*S-MEJ-412*	*S-AMD-437*	*S-AMD-461*	*S-AMD-435*	*S-AMD-439*	*S-AMD-452*	*S-AMD-454*	*S-AMD-457*
Sample Date:			*9/6/2000*	*9/6/2000*	*9/5/2000*	*9/7/2000*	*9/11/2000*	*9/7/2000*	*9/7/2000*	*9/11/2000*	*9/11/2000*	*9/11/2000*
Sample Depth:			*0.8-1.8 ft BGS*	*1-2 ft BGS*	*1-2 ft BGS*	*1-2 ft BGS*	*0-1 ft BGS*	*1-2 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*										
Fluorene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-	-	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
Metals												
Aluminum	µg/kg	-	1320000	2990000	3060000	4710000	3990000	12500000	4870000	6750000	7650000	8330000
Antimony	µg/kg	-	250 J	940 J	2600 J	1800 J	810 J	560 J	800 J	1200 J	1800 J	1100 J
Arsenic	µg/kg	16000	1900	15500	**23400 J**	**54200**	14800	**180000**	5800	5800	7600	6800
Barium	µg/kg	10000000	37400	31800	49400	29200	89900	401000	183000	107000	95000	106000
Beryllium	µg/kg	2700000	160	240	180	140	200	580	290	440	460	1000
Cadmium	µg/kg	60000	ND (44)	110	ND (44)	270	400	66	620	630	960	1500
Calcium	µg/kg	-	25800000	24000000	1312000	4510000	25700000	63200	14300000	2490000	4060000	7150000
Chromium	µg/kg	-	2600	14100	9000	95000	38900 J	470	14800	20900 J	21800 J	22200 J
Cobalt	µg/kg	-	1700	3100	3600	2500	5300	14700	5000	12700	8100	10300
Copper	µg/kg	10000000	10100	164000	317000	121000	36400	4210000	96900	305000	712000	450000
Iron	µg/kg	-	3150000	5960000	14500000	11800000	9460000	416000	9720000	15700000	17100000	20000000
Lead	µg/kg	3900000	14000 J	103000 J	113000	142000 J	87900 J	22200 J	290000 J	207000 J	230000 J	177000 J
Magnesium	µg/kg	-	12200000	1330000	692000	938000	3270000	40400	1880000	2890000	3290000	4150000
Manganese	µg/kg	10000000	41100 J	64400 J	60400	82300 J	127000	3500 J	182000 J	281000	298000	280000
Mercury	µg/kg	5700	380	170	560 J	140	ND (62)	3500	370	180	360	210
Nickel	µg/kg	10000000	5200	9400	8100	11600	20200	207000	14800	23100	25900	28300
Potassium	µg/kg	-	274000	329000	362000	2340000	378000	1700000	464000	1260000	1300000	1670000
Selenium	µg/kg	6800000	620 J	1800 J	46600	1100 J	440	340 J	1100 J	1100	1500	1600
Silver	µg/kg	6800000	220 J	1000 J	3500 J	520 J	270 J	48000 J	500 J	630 J	890 J	940 J
Sodium	µg/kg	-	37600	131000	603000	208000	198000	1220000	122000	182000	229000	219000
Thallium	µg/kg	-	ND (250)	370	1600	710	ND (290)	28	410	750	690	1000
Vanadium	µg/kg	-	31400	8500	13000	41800	23200	500	20100	34600	41800	40500
Zinc	µg/kg	10000000	14300	50400	31100	76300	135000	16100	225000	363000	343000	474000

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*BH9-00*	*BH12-00*	*BH13-00*	*BH15-00*	*BH16-00*	*BH17-00*	*BH18-00*	*BH19-00*	*BH20-00*	*BH21-00*
Sample ID:			*S-MEJ-419*	*S-MEJ-423*	*S-MEJ-412*	*S-AMD-437*	*S-AMD-461*	*S-AMD-435*	*S-AMD-439*	*S-AMD-452*	*S-AMD-454*	*S-AMD-457*
Sample Date:			*9/6/2000*	*9/6/2000*	*9/5/2000*	*9/7/2000*	*9/11/2000*	*9/7/2000*	*9/7/2000*	*9/11/2000*	*9/11/2000*	*9/11/2000*
Sample Depth:			*0.8-1.8 ft BGS*	*1-2 ft BGS*	*1-2 ft BGS*	*1-2 ft BGS*	*0-1 ft BGS*	*1-2 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*										
PCBs												
Aroclor-1016 (PCB-1016)	µg/kg	-	-	-	-	-	-	-	-	ND (34)	ND (37)	ND (36)
Aroclor-1221 (PCB-1221)	µg/kg	-	-	-	-	-	-	-	-	ND (69)	ND (75)	ND (71)
Aroclor-1232 (PCB-1232)	µg/kg	-	-	-	-	-	-	-	-	ND (34)	ND (37)	ND (36)
Aroclor-1242 (PCB-1242)	µg/kg	-	-	-	-	-	-	-	-	ND (34)	ND (37)	ND (36)
Aroclor-1248 (PCB-1248)	µg/kg	-	-	-	-	-	-	-	-	ND (34)	ND (37)	ND (36)
Aroclor-1254 (PCB-1254)	µg/kg	-	-	-	-	-	-	-	-	ND (34)	ND (37)	ND (36)
Aroclor-1260 (PCB-1260)	µg/kg	-	-	-	-	-	-	-	-	ND (34)	45	64
Total PCBs	µg/kg	-	-	-	-	-	-	-	-	ND	45	64
Pesticides												
4,4'-DDD	µg/kg	180000	-	-	-	-	-	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Petroleum Hydrocarbons												
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*BH9-00*	*BH12-00*	*BH13-00*	*BH15-00*	*BH16-00*	*BH17-00*	*BH18-00*	*BH19-00*	*BH20-00*	*BH21-00*
Sample ID:			*S-MEJ-419*	*S-MEJ-423*	*S-MEJ-412*	*S-AMD-437*	*S-AMD-461*	*S-AMD-435*	*S-AMD-439*	*S-AMD-452*	*S-AMD-454*	*S-AMD-457*
Sample Date:			*9/6/2000*	*9/6/2000*	*9/5/2000*	*9/7/2000*	*9/11/2000*	*9/7/2000*	*9/7/2000*	*9/11/2000*	*9/11/2000*	*9/11/2000*
Sample Depth:			*0.8-1.8 ft BGS*	*1-2 ft BGS*	*1-2 ft BGS*	*1-2 ft BGS*	*0-1 ft BGS*	*1-2 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*										
General Chemistry												
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-	-	-	-	-
pH	s.u.	-	-	-	4.74	6.2	-	-	7.31	-	8.18	-
pH (water)	s.u.	-	-	-	-	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	40700000	414000	-	-	65300000	-	17300000	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Total solids	%	-	96	79.1	91.8	96.6	80.6	92.6	82.2	96.1	89.3	93.8
Total volatile solids	%	-	-	-	-	-	-	-	-	-	-	-

Notes:

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference (Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*BH22-00*	*BH23-00*	*BH24-00*	*BH25-00*	*BH26-00*	*BH27-00*	*BH28-00*	*BH29-00*	*BH30-00*	*BH31-00*
Sample ID:			*S-MEJ-498*	*S-AMD-469*	*S-AMD-471*	*S-AMD-473*	*S-AMD-459*	*S-MEJ-487*	*S-MEJ-490*	*S-MEJ-484*	*S-MEJ-494*	*S-MEJ-480*
Sample Date:			*9/12/2000*	*9/11/2000*	*9/11/2000*	*9/11/2000*	*9/11/2000*	*9/12/2000*	*9/12/2000*	*9/12/2000*	*9/12/2000*	*9/12/2000*
Sample Depth:			*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*1-2 ft BGS*	*0-1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*										
Volatiles												
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*BH22-00*	*BH23-00*	*BH24-00*	*BH25-00*	*BH26-00*	*BH27-00*	*BH28-00*	*BH29-00*	*BH30-00*	*BH31-00*
Sample ID:			*S-MEJ-498*	*S-AMD-469*	*S-AMD-471*	*S-AMD-473*	*S-AMD-459*	*S-MEJ-487*	*S-MEJ-490*	*S-MEJ-484*	*S-MEJ-494*	*S-MEJ-480*
Sample Date:			*9/12/2000*	*9/11/2000*	*9/11/2000*	*9/11/2000*	*9/11/2000*	*9/12/2000*	*9/12/2000*	*9/12/2000*	*9/12/2000*	*9/12/2000*
Sample Depth:			*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*1-2 ft BGS*	*0-1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*										
Methyl acetate	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
Semi-Volatiles												
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*BH22-00*	*BH23-00*	*BH24-00*	*BH25-00*	*BH26-00*	*BH27-00*	*BH28-00*	*BH29-00*	*BH30-00*	*BH31-00*
Sample ID:			*S-MEJ-498*	*S-AMD-469*	*S-AMD-471*	*S-AMD-473*	*S-AMD-459*	*S-MEJ-487*	*S-MEJ-490*	*S-MEJ-484*	*S-MEJ-494*	*S-MEJ-480*
Sample Date:			*9/12/2000*	*9/11/2000*	*9/11/2000*	*9/11/2000*	*9/11/2000*	*9/12/2000*	*9/12/2000*	*9/12/2000*	*9/12/2000*	*9/12/2000*
Sample Depth:			*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*1-2 ft BGS*	*0-1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*										
3-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-	-	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-	-	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-	-	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*BH22-00*	*BH23-00*	*BH24-00*	*BH25-00*	*BH26-00*	*BH27-00*	*BH28-00*	*BH29-00*	*BH30-00*	*BH31-00*
Sample ID:			*S-MEJ-498*	*S-AMD-469*	*S-AMD-471*	*S-AMD-473*	*S-AMD-459*	*S-MEJ-487*	*S-MEJ-490*	*S-MEJ-484*	*S-MEJ-494*	*S-MEJ-480*
Sample Date:			*9/12/2000*	*9/11/2000*	*9/11/2000*	*9/11/2000*	*9/11/2000*	*9/12/2000*	*9/12/2000*	*9/12/2000*	*9/12/2000*	*9/12/2000*
Sample Depth:			*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*1-2 ft BGS*	*0-1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*										
Fluorene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-	-	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
Metals												
Aluminum	µg/kg	-	6840000	7600000	8850000	5670000	5690000	3280000	6830000	7670000	8650000	5690000
Antimony	µg/kg	-	5900 J	2800 J	420 J	ND (180) J	1600 J	42700 J	259000 J	239000 J	85200 J	98600 J
Arsenic	µg/kg	16000	**16100 J**	14500	3000	1500	6400	**54500 J**	**515000 J**	**765000 J**	**512000 J**	**1480000 J**
Barium	µg/kg	10000000	119000	151000	44600	105000	37400	86300	124000	143000	105000	38400
Beryllium	µg/kg	2700000	410	460	390	510	360	360	690	380	510	260
Cadmium	µg/kg	60000	1400	1200	400	ND (42)	460	1200	8400	4500	6000	1100
Calcium	µg/kg	-	4370000	13800000	824000	622000	785000	129000000	41700000	11800000	11800000	1560000
Chromium	µg/kg	-	23200	22300 J	19300 J	13800 J	14600 J	18600	51600	26400	35200	17700
Cobalt	µg/kg	-	7800 J	10500	7200	15100	6100	6300	22300	24200	45000	28700
Copper	µg/kg	10000000	751000	505000	329000	148000	409000	1840000 J	**48600000 J**	6900000 J	**11000000 J**	2330000 J
Iron	µg/kg	-	16100000	19600000	18200000	32300000	19700000	15100000	38000000	42900000	37200000	17800000
Lead	µg/kg	3900000	298000	420000 J	55700 J	16000 J	88900 J	160000	1070000	1940000	1010000	156000
Magnesium	µg/kg	-	2490000	6930000	1890000	1390000	1730000	45700000	7100000	3470000	4720000	1860000
Manganese	µg/kg	10000000	259000	277000	346000	1170000	383000	217000	250000	146000	229000	164000
Mercury	µg/kg	5700	570	650	540	ND (50)	85	120	610	2500	1300	260
Nickel	µg/kg	10000000	40900 J	23600	18800	12900	14000	75100 J	854000 J	1450000 J	1270000 J	1510000 J
Potassium	µg/kg	-	1140000	1080000	744000	565000	730000	1120000	895000	1540000	1380000	641000
Selenium	µg/kg	6800000	2300	3100	2200	2700	9100	6100	37200	70300	33100	10400
Silver	µg/kg	6800000	4900 J	1300 J	370 J	380 J	1600 J	9100 J	42800 J	28900 J	11700 J	8500 J
Sodium	µg/kg	-	154000	160000	65500	58300	82100	496000	518000	507000	852000	85900
Thallium	µg/kg	-	240	1200	1300	3900	1200	ND (260)	6000	5600	3700	330
Vanadium	µg/kg	-	28600	37200	30400	24800	29900	18200	39800	29900	44300	29300
Zinc	µg/kg	10000000	500000	562000	42300	47600	52300	411000	1480000	1040000	846000	304000

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*BH22-00*	*BH23-00*	*BH24-00*	*BH25-00*	*BH26-00*	*BH27-00*	*BH28-00*	*BH29-00*	*BH30-00*	*BH31-00*
Sample ID:			*S-MEJ-498*	*S-AMD-469*	*S-AMD-471*	*S-AMD-473*	*S-AMD-459*	*S-MEJ-487*	*S-MEJ-490*	*S-MEJ-484*	*S-MEJ-494*	*S-MEJ-480*
Sample Date:			*9/12/2000*	*9/11/2000*	*9/11/2000*	*9/11/2000*	*9/11/2000*	*9/12/2000*	*9/12/2000*	*9/12/2000*	*9/12/2000*	*9/12/2000*
Sample Depth:			*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*1-2 ft BGS*	*0-1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*										
PCBs												
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (35)	ND (35)	ND (35)	ND (35)	ND (35)	ND (37) J	ND (370) J	ND (380) J	ND (37)	ND (36)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (70)	ND (69)	ND (70)	ND (70)	ND (70)	ND (75) J	ND (730) J	ND (760) J	ND (74)	ND (71)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (35)	ND (35)	ND (35)	ND (35)	ND (35)	ND (37) J	ND (370) J	ND (380) J	ND (37)	ND (36)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (35)	ND (35)	ND (35)	ND (35)	ND (35)	ND (37) J	ND (370) J	ND (380) J	ND (37)	ND (36)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (35)	ND (35)	ND (35)	ND (35)	ND (35)	ND (37) J	ND (370) J	ND (380) J	ND (37)	ND (36)
Aroclor-1254 (PCB-1254)	µg/kg	-	440	ND (35)	ND (35)	ND (35)	80	370 J	670 J	1500 J	170	ND (36)
Aroclor-1260 (PCB-1260)	µg/kg	-	180	74	ND (35)	ND (35)	68	100 J	ND (370) J	ND (380) J	50	ND (36)
Total PCBs	µg/kg	-	620	74	ND	ND	148	470	670	1500	220	ND
Pesticides												
4,4'-DDD	µg/kg	180000	-	-	-	-	-	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Petroleum Hydrocarbons												
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*BH22-00*	*BH23-00*	*BH24-00*	*BH25-00*	*BH26-00*	*BH27-00*	*BH28-00*	*BH29-00*	*BH30-00*	*BH31-00*
Sample ID:			*S-MEJ-498*	*S-AMD-469*	*S-AMD-471*	*S-AMD-473*	*S-AMD-459*	*S-MEJ-487*	*S-MEJ-490*	*S-MEJ-484*	*S-MEJ-494*	*S-MEJ-480*
Sample Date:			*9/12/2000*	*9/11/2000*	*9/11/2000*	*9/11/2000*	*9/11/2000*	*9/12/2000*	*9/12/2000*	*9/12/2000*	*9/12/2000*	*9/12/2000*
Sample Depth:			*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*1-2 ft BGS*	*0-1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*										
General Chemistry												
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-	-	-	-	-
pH	s.u.	-	-	-	-	7.45	-	-	-	8.36	-	-
pH (water)	s.u.	-	-	-	-	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	1560000	-	-	-	28000000	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Total solids	%	-	95.9	96.2	95.2	95.7	95.2	89	91	87.2	90.2	93.3
Total volatile solids	%	-	-	-	-	-	-	-	-	-	-	-

Notes:

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference (Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*BH32-00*	*BH33-00*	*BH34-00*	*Bldg.9-Middle*	*Bldg.9-North*	*Bldg.9-South*	*Bldg.39-Grid 1*	*Bldg.39-Grid 1*
Sample ID:			*S-MEJ-482*	*S-MEJ-477*	*S-MEJ-474*	*S-JRR-007*	*S-JRR-006*	*S-JRR-008*	*S-JRR-267*	*S-JRR-266A*
Sample Date:			*9/12/2000*	*9/12/2000*	*9/12/2000*	*7/8/1999*	*7/8/1999*	*7/8/1999*	*5/22/2000*	*5/25/2000*
Sample Depth:			*0-1 ft BGS*	*0-1 ft BGS*	*1-2 ft BGS*	*-*	*-*	*-*	*0-0.5 ft BGS*	*1-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*								
Volatiles										
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*BH32-00*	*BH33-00*	*BH34-00*	*Bldg.9-Middle*	*Bldg.9-North*	*Bldg.9-South*	*Bldg.39-Grid 1*	*Bldg.39-Grid 1*
Sample ID:			*S-MEJ-482*	*S-MEJ-477*	*S-MEJ-474*	*S-JRR-007*	*S-JRR-006*	*S-JRR-008*	*S-JRR-267*	*S-JRR-266A*
Sample Date:			*9/12/2000*	*9/12/2000*	*9/12/2000*	*7/8/1999*	*7/8/1999*	*7/8/1999*	*5/22/2000*	*5/25/2000*
Sample Depth:			*0-1 ft BGS*	*0-1 ft BGS*	*1-2 ft BGS*	*-*	*-*	*-*	*0-0.5 ft BGS*	*1-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*								
Methyl acetate	µg/kg	-	-	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-	-	-	-
Semi-Volatiles										
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*BH32-00*	*BH33-00*	*BH34-00*	*Bldg.9-Middle*	*Bldg.9-North*	*Bldg.9-South*	*Bldg.39-Grid 1*	*Bldg.39-Grid 1*
Sample ID:			*S-MEJ-482*	*S-MEJ-477*	*S-MEJ-474*	*S-JRR-007*	*S-JRR-006*	*S-JRR-008*	*S-JRR-267*	*S-JRR-266A*
Sample Date:			*9/12/2000*	*9/12/2000*	*9/12/2000*	*7/8/1999*	*7/8/1999*	*7/8/1999*	*5/22/2000*	*5/25/2000*
Sample Depth:			*0-1 ft BGS*	*0-1 ft BGS*	*1-2 ft BGS*	*-*	*-*	*-*	*0-0.5 ft BGS*	*1-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*								
3-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*BH32-00*	*BH33-00*	*BH34-00*	*Bldg.9-Middle*	*Bldg.9-North*	*Bldg.9-South*	*Bldg.39-Grid 1*	*Bldg.39-Grid 1*
Sample ID:			*S-MEJ-482*	*S-MEJ-477*	*S-MEJ-474*	*S-JRR-007*	*S-JRR-006*	*S-JRR-008*	*S-JRR-267*	*S-JRR-266A*
Sample Date:			*9/12/2000*	*9/12/2000*	*9/12/2000*	*7/8/1999*	*7/8/1999*	*7/8/1999*	*5/22/2000*	*5/25/2000*
Sample Depth:			*0-1 ft BGS*	*0-1 ft BGS*	*1-2 ft BGS*	*-*	*-*	*-*	*0-0.5 ft BGS*	*1-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*								
Fluorene	µg/kg	1000000	-	-	-	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-	-	-	-
Metals										
Aluminum	µg/kg	-	8760000	6630000	8100000	-	-	-	-	-
Antimony	µg/kg	-	65100 J	29600 J	420 J	-	-	-	-	-
Arsenic	µg/kg	16000	**4860000 J**	**295000 J**	10400 J	-	-	-	-	-
Barium	µg/kg	10000000	121000	116000	63700	-	-	-	-	-
Beryllium	µg/kg	2700000	380	450	350	-	-	-	-	-
Cadmium	µg/kg	60000	2900	450	390	-	-	-	-	-
Calcium	µg/kg	-	62000000	31300000	6210000	-	-	-	-	-
Chromium	µg/kg	-	14200	18800	21800	-	-	-	-	-
Cobalt	µg/kg	-	40400	39400	8000	-	-	-	-	-
Copper	µg/kg	10000000	**19100000 J**	4320000	2340000	-	-	-	-	-
Iron	µg/kg	-	30700000	26800000	22800000	-	-	-	-	-
Lead	µg/kg	3900000	283000	1300000	55300	-	-	-	-	-
Magnesium	µg/kg	-	3070000	1960000	3050000	-	-	-	-	-
Manganese	µg/kg	10000000	176000	146000	233000	-	-	-	-	-
Mercury	µg/kg	5700	110	2800	100	-	-	-	-	-
Nickel	µg/kg	10000000	4060000 J	1550000 J	49100 J	-	-	-	-	-
Potassium	µg/kg	-	1790000	653000	1190000	-	-	-	-	-
Selenium	µg/kg	6800000	15900	37000	1300	-	-	-	-	-
Silver	µg/kg	6800000	3400 J	69300 J	210 J	-	-	-	-	-
Sodium	µg/kg	-	550000	331000	198000	-	-	-	-	-
Thallium	µg/kg	-	1700	740	1300	-	-	-	-	-
Vanadium	µg/kg	-	22500	17200	29800	-	-	-	-	-
Zinc	µg/kg	10000000	428000	464000	299000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*BH32-00*	*BH33-00*	*BH34-00*	*Bldg.9-Middle*	*Bldg.9-North*	*Bldg.9-South*	*Bldg.39-Grid 1*	*Bldg.39-Grid 1*
Sample ID:			*S-MEJ-482*	*S-MEJ-477*	*S-MEJ-474*	*S-JRR-007*	*S-JRR-006*	*S-JRR-008*	*S-JRR-267*	*S-JRR-266A*
Sample Date:			*9/12/2000*	*9/12/2000*	*9/12/2000*	*7/8/1999*	*7/8/1999*	*7/8/1999*	*5/22/2000*	*5/25/2000*
Sample Depth:			*0-1 ft BGS*	*0-1 ft BGS*	*1-2 ft BGS*	*-*	*-*	*-*	*0-0.5 ft BGS*	*1-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*								
PCBs										
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (39)	ND (39)	ND (35)	ND (1400)	ND (1400)	ND (34)	ND (4000)	ND (4300)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (77)	ND (78)	ND (71)	ND (2800)	ND (2900)	ND (69)	ND (8000)	ND (8600)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (39)	ND (39)	ND (35)	ND (1400)	ND (1400)	ND (34)	ND (4000)	ND (4300)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (39)	ND (39)	ND (35)	ND (1400)	ND (1400)	ND (34)	ND (4000)	ND (4300)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (39)	ND (39)	ND (35)	ND (1400)	ND (1400)	ND (34)	ND (4000)	ND (4300)
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (39)	ND (39)	ND (35)	2500	3200	150	36000	18000
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (39)	ND (39)	ND (35)	1600	3100	480	6800	ND (4300)
Total PCBs	µg/kg	-	ND	ND	ND	4100	6300	630	42800	18000
Pesticides										
4,4'-DDD	µg/kg	180000	-	-	-	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-	-	-	-
Petroleum Hydrocarbons										
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*BH32-00*	*BH33-00*	*BH34-00*	*Bldg.9-Middle*	*Bldg.9-North*	*Bldg.9-South*	*Bldg.39-Grid 1*	*Bldg.39-Grid 1*
Sample ID:			*S-MEJ-482*	*S-MEJ-477*	*S-MEJ-474*	*S-JRR-007*	*S-JRR-006*	*S-JRR-008*	*S-JRR-267*	*S-JRR-266A*
Sample Date:			*9/12/2000*	*9/12/2000*	*9/12/2000*	*7/8/1999*	*7/8/1999*	*7/8/1999*	*5/22/2000*	*5/25/2000*
Sample Depth:			*0-1 ft BGS*	*0-1 ft BGS*	*1-2 ft BGS*	*-*	*-*	*-*	*0-0.5 ft BGS*	*1-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*								
General Chemistry										
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-	-	-
pH	s.u.	-	-	6.75	7.1	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	35800000	2370000	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-	-
Total solids	%	-	86.2	85.4	94.2	-	-	-	83.4	77.8
Total volatile solids	%	-	-	-	-	-	-	-	-	-

Notes:

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference (Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 1*	*Bldg.39-Grids 1, 2*	*Bldg.39-Grid 1 (Center)*	*Bldg.39-Grid 1 (NE Corner)*	*Bldg.39-Grid 1 (North Subgrid)*
Sample ID:			*S-AMD-444*	*S-2939-4-14-03-SW-081*	*S-111003-SW-004*	*S-111003-SW-002*	*S-2939-4-14-03-SW-078*
Sample Date:			*9/8/2000*	*4/14/2003*	*11/10/2003*	*11/10/2003*	*4/14/2003*
Sample Depth:			*1-2 ft BGS*	*-*	*1.5 ft*	*1.5 ft*	*-*
Parameter	*Units*	*RUSCO Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 1*	*Bldg.39-Grids 1, 2*	*Bldg.39-Grid 1 (Center)*	*Bldg.39-Grid 1 (NE Corner)*	*Bldg.39-Grid 1 (North Subgrid)*
Sample ID:			*S-AMD-444*	*S-2939-4-14-03-SW-081*	*S-111003-SW-004*	*S-111003-SW-002*	*S-2939-4-14-03-SW-078*
Sample Date:			*9/8/2000*	*4/14/2003*	*11/10/2003*	*11/10/2003*	*4/14/2003*
Sample Depth:			*1-2 ft BGS*	*-*	*1.5 ft*	*1.5 ft*	*-*
Parameter	*Units*	*RUSCO Criteria*					
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 1*	*Bldg.39-Grids 1, 2*	*Bldg.39-Grid 1 (Center)*	*Bldg.39-Grid 1 (NE Corner)*	*Bldg.39-Grid 1 (North Subgrid)*
Sample ID:			*S-AMD-444*	*S-2939-4-14-03-SW-081*	*S-111003-SW-004*	*S-111003-SW-002*	*S-2939-4-14-03-SW-078*
Sample Date:			*9/8/2000*	*4/14/2003*	*11/10/2003*	*11/10/2003*	*4/14/2003*
Sample Depth:			*1-2 ft BGS*	*-*	*1.5 ft*	*1.5 ft*	*-*
Parameter	*Units*	*RUSCO Criteria*					
3-Nitroaniline	µg/kg	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 1*	*Bldg.39-Grids 1, 2*	*Bldg.39-Grid 1 (Center)*	*Bldg.39-Grid 1 (NE Corner)*	*Bldg.39-Grid 1 (North Subgrid)*
Sample ID:			*S-AMD-444*	*S-2939-4-14-03-SW-081*	*S-111003-SW-004*	*S-111003-SW-002*	*S-2939-4-14-03-SW-078*
Sample Date:			*9/8/2000*	*4/14/2003*	*11/10/2003*	*11/10/2003*	*4/14/2003*
Sample Depth:			*1-2 ft BGS*	*-*	*1.5 ft*	*1.5 ft*	*-*
Parameter	*Units*	*RUSCO Criteria*					
Fluorene	µg/kg	1000000	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-
Metals							
Aluminum	µg/kg	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 1*	*Bldg.39-Grids 1, 2*	*Bldg.39-Grid 1 (Center)*	*Bldg.39-Grid 1 (NE Corner)*	*Bldg.39-Grid 1 (North Subgrid)*
Sample ID:			*S-AMD-444*	*S-2939-4-14-03-SW-081*	*S-111003-SW-004*	*S-111003-SW-002*	*S-2939-4-14-03-SW-078*
Sample Date:			*9/8/2000*	*4/14/2003*	*11/10/2003*	*11/10/2003*	*4/14/2003*
Sample Depth:			*1-2 ft BGS*	*-*	*1.5 ft*	*1.5 ft*	*-*
Parameter	*Units*	*RUSCO Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (400)	-	ND (3300)	ND (650)	ND (6100)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (800)	-	ND (3300)	ND (650)	ND (12000)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (400)	-	ND (3300)	ND (650)	ND (6100)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (400)	-	ND (3300)	ND (650)	ND (6100)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (400)	-	ND (3300)	ND (650)	ND (6100)
Aroclor-1254 (PCB-1254)	µg/kg	-	1400	-	15000	3900	7400
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (400)	-	ND (3300)	ND (650)	ND (6100)
Total PCBs	µg/kg	-	1400	-	15000	3900	7400
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	ND (240)	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	2400000	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 1*	*Bldg.39-Grids 1, 2*	*Bldg.39-Grid 1 (Center)*	*Bldg.39-Grid 1 (NE Corner)*	*Bldg.39-Grid 1 (North Subgrid)*
Sample ID:			*S-AMD-444*	*S-2939-4-14-03-SW-081*	*S-111003-SW-004*	*S-111003-SW-002*	*S-2939-4-14-03-SW-078*
Sample Date:			*9/8/2000*	*4/14/2003*	*11/10/2003*	*11/10/2003*	*4/14/2003*
Sample Depth:			*1-2 ft BGS*	*-*	*1.5 ft*	*1.5 ft*	*-*
Parameter	*Units*	*RUSCO Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	999000	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
Nitrogen	µg/kg	-	-	ND (5950)	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	2880000	-	-	-
Percent moisture	%	-	-	15.9	-	-	17.5
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	10.5	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	82.8	84.1	-	-	-
Total volatile solids	%	-	-	6.3	-	-	-

Notes:

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference (Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 1 (NW Corner)*	*Bldg.39-Grid 1 (SE Corner)*	*Bldg.39-Grid 1 (South Subgrid)*	*Bldg.39-Grid 1 (SW Corner)*	*Bldg.39-Grid 2*
Sample ID:			*S-111003-SW-003*	*S-111003-SW-005*	*S-2939-4-14-03-SW-079*	*S-111003-SW-006*	*S-JRR-268A*
Sample Date:			*11/10/2003*	*11/10/2003*	*4/14/2003*	*11/10/2003*	*5/25/2000*
Sample Depth:			*1.5 ft*	*1.5 ft*	*-*	*1.5 ft*	*0-0.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 1 (NW Corner)*	*Bldg.39-Grid 1 (SE Corner)*	*Bldg.39-Grid 1 (South Subgrid)*	*Bldg.39-Grid 1 (SW Corner)*	*Bldg.39-Grid 2*
Sample ID:			*S-111003-SW-003*	*S-111003-SW-005*	*S-2939-4-14-03-SW-079*	*S-111003-SW-006*	*S-JRR-268A*
Sample Date:			*11/10/2003*	*11/10/2003*	*4/14/2003*	*11/10/2003*	*5/25/2000*
Sample Depth:			*1.5 ft*	*1.5 ft*	*-*	*1.5 ft*	*0-0.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 1 (NW Corner)*	*Bldg.39-Grid 1 (SE Corner)*	*Bldg.39-Grid 1 (South Subgrid)*	*Bldg.39-Grid 1 (SW Corner)*	*Bldg.39-Grid 2*
Sample ID:			*S-111003-SW-003*	*S-111003-SW-005*	*S-2939-4-14-03-SW-079*	*S-111003-SW-006*	*S-JRR-268A*
Sample Date:			*11/10/2003*	*11/10/2003*	*4/14/2003*	*11/10/2003*	*5/25/2000*
Sample Depth:			*1.5 ft*	*1.5 ft*	*-*	*1.5 ft*	*0-0.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
3-Nitroaniline	µg/kg	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 1 (NW Corner)*	*Bldg.39-Grid 1 (SE Corner)*	*Bldg.39-Grid 1 (South Subgrid)*	*Bldg.39-Grid 1 (SW Corner)*	*Bldg.39-Grid 2*
Sample ID:			*S-111003-SW-003*	*S-111003-SW-005*	*S-2939-4-14-03-SW-079*	*S-111003-SW-006*	*S-JRR-268A*
Sample Date:			*11/10/2003*	*11/10/2003*	*4/14/2003*	*11/10/2003*	*5/25/2000*
Sample Depth:			*1.5 ft*	*1.5 ft*	*-*	*1.5 ft*	*0-0.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Fluorene	µg/kg	1000000	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-
Metals							
Aluminum	µg/kg	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 1 (NW Corner)*	*Bldg.39-Grid 1 (SE Corner)*	*Bldg.39-Grid 1 (South Subgrid)*	*Bldg.39-Grid 1 (SW Corner)*	*Bldg.39-Grid 2*
Sample ID:			*S-111003-SW-003*	*S-111003-SW-005*	*S-2939-4-14-03-SW-079*	*S-111003-SW-006*	*S-JRR-268A*
Sample Date:			*11/10/2003*	*11/10/2003*	*4/14/2003*	*11/10/2003*	*5/25/2000*
Sample Depth:			*1.5 ft*	*1.5 ft*	*-*	*1.5 ft*	*0-0.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (3300)	ND (3600)	ND (5800)	ND (680)	ND (18000)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (3300)	ND (3600)	ND (12000)	ND (680)	ND (36000)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (3300)	ND (3600)	ND (5800)	ND (680)	ND (18000)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (3300)	ND (3600)	ND (5800)	ND (680)	ND (18000)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (3300)	ND (3600)	ND (5800)	ND (680)	ND (18000)
Aroclor-1254 (PCB-1254)	µg/kg	-	23000	21000	28000	7800	110000
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (3300)	ND (3600)	ND (5800)	ND (680)	ND (18000)
Total PCBs	µg/kg	-	23000	21000	28000	7800	110000
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 1 (NW Corner)*	*Bldg.39-Grid 1 (SE Corner)*	*Bldg.39-Grid 1 (South Subgrid)*	*Bldg.39-Grid 1 (SW Corner)*	*Bldg.39-Grid 2*
Sample ID:			*S-111003-SW-003*	*S-111003-SW-005*	*S-2939-4-14-03-SW-079*	*S-111003-SW-006*	*S-JRR-268A*
Sample Date:			*11/10/2003*	*11/10/2003*	*4/14/2003*	*11/10/2003*	*5/25/2000*
Sample Depth:			*1.5 ft*	*1.5 ft*	*-*	*1.5 ft*	*0-0.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-
Percent moisture	%	-	-	-	13.2	-	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	91.7
Total volatile solids	%	-	-	-	-	-	-

Notes:

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference (Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 2*	*Bldg.39-Grid 2 (Center)*	*Bldg.39-Grid 2 (NE Corner)*	*Bldg.39-Grid 2 (NW Corner)*	*Bldg.39-Grid 2 (SE Corner)*
Sample ID:			*S-2939-4-14-03-SW-080*	*S-111003-SW-007*	*S-111503-SW-001*	*S-111503-SW-002*	*S-111503-SW-003*
Sample Date:			*4/14/2003*	*11/10/2003*	*11/15/2003*	*11/15/2003*	*11/15/2003*
Sample Depth:			*-*	*1.5 ft*	*1.5 ft*	*1.5 ft*	*1.5 ft*
Parameter	*Units*	*RUSCO Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 2*	*Bldg.39-Grid 2 (Center)*	*Bldg.39-Grid 2 (NE Corner)*	*Bldg.39-Grid 2 (NW Corner)*	*Bldg.39-Grid 2 (SE Corner)*
Sample ID:			*S-2939-4-14-03-SW-080*	*S-111003-SW-007*	*S-111503-SW-001*	*S-111503-SW-002*	*S-111503-SW-003*
Sample Date:			*4/14/2003*	*11/10/2003*	*11/15/2003*	*11/15/2003*	*11/15/2003*
Sample Depth:			*-*	*1.5 ft*	*1.5 ft*	*1.5 ft*	*1.5 ft*
Parameter	*Units*	*RUSCO Criteria*					
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 2*	*Bldg.39-Grid 2 (Center)*	*Bldg.39-Grid 2 (NE Corner)*	*Bldg.39-Grid 2 (NW Corner)*	*Bldg.39-Grid 2 (SE Corner)*
Sample ID:			*S-2939-4-14-03-SW-080*	*S-111003-SW-007*	*S-111503-SW-001*	*S-111503-SW-002*	*S-111503-SW-003*
Sample Date:			*4/14/2003*	*11/10/2003*	*11/15/2003*	*11/15/2003*	*11/15/2003*
Sample Depth:			*-*	*1.5 ft*	*1.5 ft*	*1.5 ft*	*1.5 ft*
Parameter	*Units*	*RUSCO Criteria*					
3-Nitroaniline	µg/kg	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 2*	*Bldg.39-Grid 2 (Center)*	*Bldg.39-Grid 2 (NE Corner)*	*Bldg.39-Grid 2 (NW Corner)*	*Bldg.39-Grid 2 (SE Corner)*
Sample ID:			*S-2939-4-14-03-SW-080*	*S-111003-SW-007*	*S-111503-SW-001*	*S-111503-SW-002*	*S-111503-SW-003*
Sample Date:			*4/14/2003*	*11/10/2003*	*11/15/2003*	*11/15/2003*	*11/15/2003*
Sample Depth:			*-*	*1.5 ft*	*1.5 ft*	*1.5 ft*	*1.5 ft*
Parameter	*Units*	*RUSCO Criteria*					
Fluorene	µg/kg	1000000	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-
Metals							
Aluminum	µg/kg	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 2*	*Bldg.39-Grid 2 (Center)*	*Bldg.39-Grid 2 (NE Corner)*	*Bldg.39-Grid 2 (NW Corner)*	*Bldg.39-Grid 2 (SE Corner)*
Sample ID:			*S-2939-4-14-03-SW-080*	*S-111003-SW-007*	*S-111503-SW-001*	*S-111503-SW-002*	*S-111503-SW-003*
Sample Date:			*4/14/2003*	*11/10/2003*	*11/15/2003*	*11/15/2003*	*11/15/2003*
Sample Depth:			*-*	*1.5 ft*	*1.5 ft*	*1.5 ft*	*1.5 ft*
Parameter	*Units*	*RUSCO Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (12000)	ND (560)	ND (650)	ND (570)	ND (620)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (24000)	ND (560)	ND (650)	ND (570)	ND (620)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (12000)	ND (560)	ND (650)	ND (570)	ND (620)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (12000)	ND (560)	ND (650)	ND (570)	ND (620)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (12000)	ND (560)	ND (650)	ND (570)	ND (620)
Aroclor-1254 (PCB-1254)	µg/kg	-	92000	8700	7300	1000	ND (620)
Aroclor-1260 (PCB-1260)	µg/kg	-	9900	ND (560)	ND (650)	ND (570)	ND (620)
Total PCBs	µg/kg	-	101900	8700	7300	1000	ND
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 2*	*Bldg.39-Grid 2 (Center)*	*Bldg.39-Grid 2 (NE Corner)*	*Bldg.39-Grid 2 (NW Corner)*	*Bldg.39-Grid 2 (SE Corner)*
Sample ID:			*S-2939-4-14-03-SW-080*	*S-111003-SW-007*	*S-111503-SW-001*	*S-111503-SW-002*	*S-111503-SW-003*
Sample Date:			*4/14/2003*	*11/10/2003*	*11/15/2003*	*11/15/2003*	*11/15/2003*
Sample Depth:			*-*	*1.5 ft*	*1.5 ft*	*1.5 ft*	*1.5 ft*
Parameter	*Units*	*RUSCO Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-
Percent moisture	%	-	15.3	-	-	-	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-

Notes:

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference (Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 2 (SW Corner)*	*Bldg.39-Grid 3*	*Bldg.39-Grid 3*	*Bldg.39-Grids 3, 4, 5, 6*	*Bldg.39-Grid 3 (Center)*
Sample ID:			*S-111503-SW-004*	*S-JRR-270*	*S-2939-4-14-03-SW-082*	*S-2939-4-14-03-SW-086*	*S-111003-SW-008*
Sample Date:			*11/15/2003*	*5/22/2000*	*4/14/2003*	*4/14/2003*	*11/10/2003*
Sample Depth:			*1.5 ft*	*0-0.25 ft BGS*	*-*	*-*	*1.5 ft*
Parameter	*Units*	*RUSCO Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 2 (SW Corner)*	*Bldg.39-Grid 3*	*Bldg.39-Grid 3*	*Bldg.39-Grids 3, 4, 5, 6*	*Bldg.39-Grid 3 (Center)*
Sample ID:			*S-111503-SW-004*	*S-JRR-270*	*S-2939-4-14-03-SW-082*	*S-2939-4-14-03-SW-086*	*S-111003-SW-008*
Sample Date:			*11/15/2003*	*5/22/2000*	*4/14/2003*	*4/14/2003*	*11/10/2003*
Sample Depth:			*1.5 ft*	*0-0.25 ft BGS*	*-*	*-*	*1.5 ft*
Parameter	*Units*	*RUSCO Criteria*					
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 2 (SW Corner)*	*Bldg.39-Grid 3*	*Bldg.39-Grid 3*	*Bldg.39-Grids 3, 4, 5, 6*	*Bldg.39-Grid 3 (Center)*
Sample ID:			*S-111503-SW-004*	*S-JRR-270*	*S-2939-4-14-03-SW-082*	*S-2939-4-14-03-SW-086*	*S-111003-SW-008*
Sample Date:			*11/15/2003*	*5/22/2000*	*4/14/2003*	*4/14/2003*	*11/10/2003*
Sample Depth:			*1.5 ft*	*0-0.25 ft BGS*	*-*	*-*	*1.5 ft*
Parameter	*Units*	*RUSCO Criteria*					
3-Nitroaniline	µg/kg	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 2 (SW Corner)*	*Bldg.39-Grid 3*	*Bldg.39-Grid 3*	*Bldg.39-Grids 3, 4, 5, 6*	*Bldg.39-Grid 3 (Center)*
Sample ID:			*S-111503-SW-004*	*S-JRR-270*	*S-2939-4-14-03-SW-082*	*S-2939-4-14-03-SW-086*	*S-111003-SW-008*
Sample Date:			*11/15/2003*	*5/22/2000*	*4/14/2003*	*4/14/2003*	*11/10/2003*
Sample Depth:			*1.5 ft*	*0-0.25 ft BGS*	*-*	*-*	*1.5 ft*
Parameter	*Units*	*RUSCO Criteria*					
Fluorene	µg/kg	1000000	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-
Metals							
Aluminum	µg/kg	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 2 (SW Corner)*	*Bldg.39-Grid 3*	*Bldg.39-Grid 3*	*Bldg.39-Grids 3, 4, 5, 6*	*Bldg.39-Grid 3 (Center)*
Sample ID:			*S-111503-SW-004*	*S-JRR-270*	*S-2939-4-14-03-SW-082*	*S-2939-4-14-03-SW-086*	*S-111003-SW-008*
Sample Date:			*11/15/2003*	*5/22/2000*	*4/14/2003*	*4/14/2003*	*11/10/2003*
Sample Depth:			*1.5 ft*	*0-0.25 ft BGS*	*-*	*-*	*1.5 ft*
Parameter	*Units*	*RUSCO Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (580)	ND (3800)	ND (6500)	-	ND (590)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (580)	ND (7700)	ND (13000)	-	ND (590)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (580)	ND (3800)	ND (6500)	-	ND (590)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (580)	ND (3800)	ND (6500)	-	ND (590)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (580)	ND (3800)	ND (6500)	-	ND (590)
Aroclor-1254 (PCB-1254)	µg/kg	-	3700	40000	8800	-	7100
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (580)	9200	ND (6500)	-	ND (590)
Total PCBs	µg/kg	-	3700	49200	8800	-	7100
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	ND (260)	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	2400000	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 2 (SW Corner)*	*Bldg.39-Grid 3*	*Bldg.39-Grid 3*	*Bldg.39-Grids 3, 4, 5, 6*	*Bldg.39-Grid 3 (Center)*
Sample ID:			*S-111503-SW-004*	*S-JRR-270*	*S-2939-4-14-03-SW-082*	*S-2939-4-14-03-SW-086*	*S-111003-SW-008*
Sample Date:			*11/15/2003*	*5/22/2000*	*4/14/2003*	*4/14/2003*	*11/10/2003*
Sample Depth:			*1.5 ft*	*0-0.25 ft BGS*	*-*	*-*	*1.5 ft*
Parameter	*Units*	*RUSCO Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	923000	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	ND (6450)	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	2990000	-
Percent moisture	%	-	-	-	23.5	22.5	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	8.9	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	86.6	-	77.5	-
Total volatile solids	%	-	-	-	-	2.4	-

Notes:

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference (Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 3 (NE Corner)*	*Bldg.39-Grid 3 (NW Corner)*	*Bldg.39-Grid 3 (SE Corner)*	*Bldg.39-Grid 3 (SW Corner)*	*Bldg.39-Grid 4*
Sample ID:			*S-111503-SW-005*	*S-111503-SW-006*	*S-111503-SW-007*	*S-111503-SW-008*	*S-JRR-273*
Sample Date:			*11/15/2003*	*11/15/2003*	*11/15/2003*	*11/15/2003*	*5/22/2000*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*1.5 ft*	*0-0.4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 3 (NE Corner)*	*Bldg.39-Grid 3 (NW Corner)*	*Bldg.39-Grid 3 (SE Corner)*	*Bldg.39-Grid 3 (SW Corner)*	*Bldg.39-Grid 4*
Sample ID:			*S-111503-SW-005*	*S-111503-SW-006*	*S-111503-SW-007*	*S-111503-SW-008*	*S-JRR-273*
Sample Date:			*11/15/2003*	*11/15/2003*	*11/15/2003*	*11/15/2003*	*5/22/2000*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*1.5 ft*	*0-0.4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 3 (NE Corner)*	*Bldg.39-Grid 3 (NW Corner)*	*Bldg.39-Grid 3 (SE Corner)*	*Bldg.39-Grid 3 (SW Corner)*	*Bldg.39-Grid 4*
Sample ID:			*S-111503-SW-005*	*S-111503-SW-006*	*S-111503-SW-007*	*S-111503-SW-008*	*S-JRR-273*
Sample Date:			*11/15/2003*	*11/15/2003*	*11/15/2003*	*11/15/2003*	*5/22/2000*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*1.5 ft*	*0-0.4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
3-Nitroaniline	µg/kg	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 3 (NE Corner)*	*Bldg.39-Grid 3 (NW Corner)*	*Bldg.39-Grid 3 (SE Corner)*	*Bldg.39-Grid 3 (SW Corner)*	*Bldg.39-Grid 4*
Sample ID:			*S-111503-SW-005*	*S-111503-SW-006*	*S-111503-SW-007*	*S-111503-SW-008*	*S-JRR-273*
Sample Date:			*11/15/2003*	*11/15/2003*	*11/15/2003*	*11/15/2003*	*5/22/2000*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*1.5 ft*	*0-0.4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Fluorene	µg/kg	1000000	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-
Metals							
Aluminum	µg/kg	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 3 (NE Corner)*	*Bldg.39-Grid 3 (NW Corner)*	*Bldg.39-Grid 3 (SE Corner)*	*Bldg.39-Grid 3 (SW Corner)*	*Bldg.39-Grid 4*
Sample ID:			*S-111503-SW-005*	*S-111503-SW-006*	*S-111503-SW-007*	*S-111503-SW-008*	*S-JRR-273*
Sample Date:			*11/15/2003*	*11/15/2003*	*11/15/2003*	*11/15/2003*	*5/22/2000*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*1.5 ft*	*0-0.4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (2800)	ND (670)	ND (660)	ND (720)	ND (19000)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (2800)	ND (670)	ND (660)	ND (720)	ND (38000)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (2800)	ND (670)	ND (660)	ND (720)	ND (19000)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (2800)	ND (670)	ND (660)	ND (720)	ND (19000)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (2800)	ND (670)	ND (660)	ND (720)	ND (19000)
Aroclor-1254 (PCB-1254)	µg/kg	-	31000	690	1500	2800	91000
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (2800)	ND (670)	ND (660)	ND (720)	ND (19000)
Total PCBs	µg/kg	-	31000	690	1500	2800	91000
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 3 (NE Corner)*	*Bldg.39-Grid 3 (NW Corner)*	*Bldg.39-Grid 3 (SE Corner)*	*Bldg.39-Grid 3 (SW Corner)*	*Bldg.39-Grid 4*
Sample ID:			*S-111503-SW-005*	*S-111503-SW-006*	*S-111503-SW-007*	*S-111503-SW-008*	*S-JRR-273*
Sample Date:			*11/15/2003*	*11/15/2003*	*11/15/2003*	*11/15/2003*	*5/22/2000*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*1.5 ft*	*0-0.4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	87.6
Total volatile solids	%	-	-	-	-	-	-

Notes:

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference (Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 4*	*Bldg.39-Grid 4 (Center)*	*Bldg.39-Grid 4 (NE Corner)*	*Bldg.39-Grid 4 (NW Corner)*	*Bldg.39-Grid 4 (SE Corner)*
Sample ID:			*S-2939-4-14-03-SW-083*	*S-120103-SD-003*	*S-120103-SD-002*	*S-120103-SD-001*	*S-120103-SD-005*
Sample Date:			*4/14/2003*	*12/1/2003*	*12/1/2003*	*12/1/2003*	*12/1/2003*
Sample Depth:			*-*	*1 ft*	*1 ft*	*1 ft*	*1 ft*
Parameter	*Units*	*RUSCO Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 4*	*Bldg.39-Grid 4 (Center)*	*Bldg.39-Grid 4 (NE Corner)*	*Bldg.39-Grid 4 (NW Corner)*	*Bldg.39-Grid 4 (SE Corner)*
Sample ID:			*S-2939-4-14-03-SW-083*	*S-120103-SD-003*	*S-120103-SD-002*	*S-120103-SD-001*	*S-120103-SD-005*
Sample Date:			*4/14/2003*	*12/1/2003*	*12/1/2003*	*12/1/2003*	*12/1/2003*
Sample Depth:			*-*	*1 ft*	*1 ft*	*1 ft*	*1 ft*
Parameter	*Units*	*RUSCO Criteria*					
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 4*	*Bldg.39-Grid 4 (Center)*	*Bldg.39-Grid 4 (NE Corner)*	*Bldg.39-Grid 4 (NW Corner)*	*Bldg.39-Grid 4 (SE Corner)*
Sample ID:			*S-2939-4-14-03-SW-083*	*S-120103-SD-003*	*S-120103-SD-002*	*S-120103-SD-001*	*S-120103-SD-005*
Sample Date:			*4/14/2003*	*12/1/2003*	*12/1/2003*	*12/1/2003*	*12/1/2003*
Sample Depth:			*-*	*1 ft*	*1 ft*	*1 ft*	*1 ft*
Parameter	*Units*	*RUSCO Criteria*					
3-Nitroaniline	µg/kg	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 4*	*Bldg.39-Grid 4 (Center)*	*Bldg.39-Grid 4 (NE Corner)*	*Bldg.39-Grid 4 (NW Corner)*	*Bldg.39-Grid 4 (SE Corner)*
Sample ID:			*S-2939-4-14-03-SW-083*	*S-120103-SD-003*	*S-120103-SD-002*	*S-120103-SD-001*	*S-120103-SD-005*
Sample Date:			*4/14/2003*	*12/1/2003*	*12/1/2003*	*12/1/2003*	*12/1/2003*
Sample Depth:			*-*	*1 ft*	*1 ft*	*1 ft*	*1 ft*
Parameter	*Units*	*RUSCO Criteria*					
Fluorene	µg/kg	1000000	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-
Metals							
Aluminum	µg/kg	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 4*	*Bldg.39-Grid 4 (Center)*	*Bldg.39-Grid 4 (NE Corner)*	*Bldg.39-Grid 4 (NW Corner)*	*Bldg.39-Grid 4 (SE Corner)*
Sample ID:			*S-2939-4-14-03-SW-083*	*S-120103-SD-003*	*S-120103-SD-002*	*S-120103-SD-001*	*S-120103-SD-005*
Sample Date:			*4/14/2003*	*12/1/2003*	*12/1/2003*	*12/1/2003*	*12/1/2003*
Sample Depth:			*-*	*1 ft*	*1 ft*	*1 ft*	*1 ft*
Parameter	*Units*	*RUSCO Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (6400)	ND (600)	ND (690)	ND (660)	ND (120000)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (13000)	ND (600)	ND (690)	ND (660)	ND (12000)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (6400)	ND (600)	ND (690)	ND (660)	ND (120000)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (6400)	ND (600)	ND (690)	ND (660)	ND (120000)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (6400)	ND (600)	ND (690)	ND (660)	ND (120000)
Aroclor-1254 (PCB-1254)	µg/kg	-	11000	1000	620 J	2600	1100000
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (6400)	ND (600)	ND (690)	ND (660)	ND (120000)
Total PCBs	µg/kg	-	11000	1000	620	2600	1100000
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 4*	*Bldg.39-Grid 4 (Center)*	*Bldg.39-Grid 4 (NE Corner)*	*Bldg.39-Grid 4 (NW Corner)*	*Bldg.39-Grid 4 (SE Corner)*
Sample ID:			*S-2939-4-14-03-SW-083*	*S-120103-SD-003*	*S-120103-SD-002*	*S-120103-SD-001*	*S-120103-SD-005*
Sample Date:			*4/14/2003*	*12/1/2003*	*12/1/2003*	*12/1/2003*	*12/1/2003*
Sample Depth:			*-*	*1 ft*	*1 ft*	*1 ft*	*1 ft*
Parameter	*Units*	*RUSCO Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-
Percent moisture	%	-	22.2	-	-	-	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-

Notes:

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference (Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 4 (SW Corner)*	*Bldg.39-Grid 5*	*Bldg.39-Grid 5*	*Bldg.39-Grid 5*	*Bldg.39-Grid 5*
Sample ID:			*S-120103-SD-004*	*S-JRR-274*	*S-2939-4-14-03-SW-084*	*S-111003-SW-009*	*S-111003-SW-010*
Sample Date:			*12/1/2003*	*5/23/2000*	*4/14/2003*	*11/10/2003*	*11/10/2003*
Sample Depth:			*1 ft*	*0-0.5 ft BGS*	*-*	*1.5 ft*	*1.5 ft*
		RUSCO					*Duplicate*
Parameter	*Units*	*Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 4 (SW Corner)*	*Bldg.39-Grid 5*	*Bldg.39-Grid 5*	*Bldg.39-Grid 5*	*Bldg.39-Grid 5*
Sample ID:			*S-120103-SD-004*	*S-JRR-274*	*S-2939-4-14-03-SW-084*	*S-111003-SW-009*	*S-111003-SW-010*
Sample Date:			*12/1/2003*	*5/23/2000*	*4/14/2003*	*11/10/2003*	*11/10/2003*
Sample Depth:			*1 ft*	*0-0.5 ft BGS*	*-*	*1.5 ft*	*1.5 ft*
		RUSCO					*Duplicate*
Parameter	*Units*	*Criteria*					
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 4 (SW Corner)*	*Bldg.39-Grid 5*	*Bldg.39-Grid 5*	*Bldg.39-Grid 5*	*Bldg.39-Grid 5*
Sample ID:			*S-120103-SD-004*	*S-JRR-274*	*S-2939-4-14-03-SW-084*	*S-111003-SW-009*	*S-111003-SW-010*
Sample Date:			*12/1/2003*	*5/23/2000*	*4/14/2003*	*11/10/2003*	*11/10/2003*
Sample Depth:			*1 ft*	*0-0.5 ft BGS*	*-*	*1.5 ft*	*1.5 ft*
Parameter	*Units*	*RUSCO Criteria*					*Duplicate*
3-Nitroaniline	µg/kg	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 4 (SW Corner)*	*Bldg.39-Grid 5*	*Bldg.39-Grid 5*	*Bldg.39-Grid 5*	*Bldg.39-Grid 5*
Sample ID:			*S-120103-SD-004*	*S-JRR-274*	*S-2939-4-14-03-SW-084*	*S-111003-SW-009*	*S-111003-SW-010*
Sample Date:			*12/1/2003*	*5/23/2000*	*4/14/2003*	*11/10/2003*	*11/10/2003*
Sample Depth:			*1 ft*	*0-0.5 ft BGS*	*-*	*1.5 ft*	*1.5 ft*
		RUSCO					*Duplicate*
Parameter	*Units*	*Criteria*					
Fluorene	µg/kg	1000000	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-
Metals							
Aluminum	µg/kg	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 4 (SW Corner)*	*Bldg.39-Grid 5*	*Bldg.39-Grid 5*	*Bldg.39-Grid 5*	*Bldg.39-Grid 5*
Sample ID:			*S-120103-SD-004*	*S-JRR-274*	*S-2939-4-14-03-SW-084*	*S-111003-SW-009*	*S-111003-SW-010*
Sample Date:			*12/1/2003*	*5/23/2000*	*4/14/2003*	*11/10/2003*	*11/10/2003*
Sample Depth:			*1 ft*	*0-0.5 ft BGS*	*-*	*1.5 ft*	*1.5 ft*
		RUSCO					*Duplicate*
Parameter	*Units*	*Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (640)	ND (40000)	ND (6000)	ND (640)	ND (6200)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (640)	ND (80000)	ND (12000)	ND (640)	ND (6200)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (640)	ND (40000)	ND (6000)	ND (640)	ND (6200)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (640)	ND (40000)	ND (6000)	ND (640)	ND (6200)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (640)	ND (40000)	ND (6000)	ND (640)	ND (6200)
Aroclor-1254 (PCB-1254)	µg/kg	-	4200	160000	10000	4000	52000
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (640) UJ	ND (40000)	ND (6000)	ND (640)	ND (6200)
Total PCBs	µg/kg	-	4200	160000	10000	4000	52000
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 4 (SW Corner)*	*Bldg.39-Grid 5*	*Bldg.39-Grid 5*	*Bldg.39-Grid 5*	*Bldg.39-Grid 5*
Sample ID:			*S-120103-SD-004*	*S-JRR-274*	*S-2939-4-14-03-SW-084*	*S-111003-SW-009*	*S-111003-SW-010*
Sample Date:			*12/1/2003*	*5/23/2000*	*4/14/2003*	*11/10/2003*	*11/10/2003*
Sample Depth:			*1 ft*	*0-0.5 ft BGS*	*-*	*1.5 ft*	*1.5 ft*
		RUSCO					*Duplicate*
Parameter	*Units*	*Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-
Percent moisture	%	-	-	-	16.1	-	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	83.4	-	-	-
Total volatile solids	%	-	-	-	-	-	-

Notes:

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference (Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 5 (NE Corner)*	*Bldg.39-Grid 5 (SE Corner)*	*Bldg.39-Grid 5 (SW Corner)*	*Bldg.39-Grid 5-Trenches 1, 2, 3*	*Bldg.39-Grid 6*
Sample ID:			*S-111503-SW-009*	*S-111503-SW-010*	*S-111503-SW-011*	*S-2939-4-22-03-SW-139*	*S-JRR-275*
Sample Date:			*11/15/2003*	*11/15/2003*	*11/15/2003*	*4/22/2003*	*5/23/2000*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*-*	*0-0.25 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 5 (NE Corner)*	*Bldg.39-Grid 5 (SE Corner)*	*Bldg.39-Grid 5 (SW Corner)*	*Bldg.39-Grid 5-Trenches 1, 2, 3*	*Bldg.39-Grid 6*
Sample ID:			*S-111503-SW-009*	*S-111503-SW-010*	*S-111503-SW-011*	*S-2939-4-22-03-SW-139*	*S-JRR-275*
Sample Date:			*11/15/2003*	*11/15/2003*	*11/15/2003*	*4/22/2003*	*5/23/2000*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*-*	*0-0.25 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 5 (NE Corner)*	*Bldg.39-Grid 5 (SE Corner)*	*Bldg.39-Grid 5 (SW Corner)*	*Bldg.39-Grid 5-Trenches 1, 2, 3*	*Bldg.39-Grid 6*
Sample ID:			*S-111503-SW-009*	*S-111503-SW-010*	*S-111503-SW-011*	*S-2939-4-22-03-SW-139*	*S-JRR-275*
Sample Date:			*11/15/2003*	*11/15/2003*	*11/15/2003*	*4/22/2003*	*5/23/2000*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*-*	*0-0.25 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
3-Nitroaniline	µg/kg	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 5 (NE Corner)*	*Bldg.39-Grid 5 (SE Corner)*	*Bldg.39-Grid 5 (SW Corner)*	*Bldg.39-Grid 5-Trenches 1, 2, 3*	*Bldg.39-Grid 6*
Sample ID:			*S-111503-SW-009*	*S-111503-SW-010*	*S-111503-SW-011*	*S-2939-4-22-03-SW-139*	*S-JRR-275*
Sample Date:			*11/15/2003*	*11/15/2003*	*11/15/2003*	*4/22/2003*	*5/23/2000*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*-*	*0-0.25 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Fluorene	µg/kg	1000000	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-
Metals							
Aluminum	µg/kg	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 5 (NE Corner)*	*Bldg.39-Grid 5 (SE Corner)*	*Bldg.39-Grid 5 (SW Corner)*	*Bldg.39-Grid 5-Trenches 1, 2, 3*	*Bldg.39-Grid 6*
Sample ID:			*S-111503-SW-009*	*S-111503-SW-010*	*S-111503-SW-011*	*S-2939-4-22-03-SW-139*	*S-JRR-275*
Sample Date:			*11/15/2003*	*11/15/2003*	*11/15/2003*	*4/22/2003*	*5/23/2000*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*-*	*0-0.25 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (630)	ND (650)	ND (680)	-	ND (39000)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (630)	ND (650)	ND (680)	-	ND (78000)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (630)	ND (650)	ND (680)	-	ND (39000)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (630)	ND (650)	ND (1400)	-	ND (39000)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (630)	ND (650)	ND (1400)	-	ND (39000)
Aroclor-1254 (PCB-1254)	µg/kg	-	4100	6800	14000	-	81000
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (630)	ND (650) UJ	ND (1400)	-	ND (39000)
Total PCBs	µg/kg	-	4100	6800	14000	-	81000
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	ND (260)	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	3800000 J	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 5 (NE Corner)*	*Bldg.39-Grid 5 (SE Corner)*	*Bldg.39-Grid 5 (SW Corner)*	*Bldg.39-Grid 5-Trenches 1, 2, 3*	*Bldg.39-Grid 6*
Sample ID:			*S-111503-SW-009*	*S-111503-SW-010*	*S-111503-SW-011*	*S-2939-4-22-03-SW-139*	*S-JRR-275*
Sample Date:			*11/15/2003*	*11/15/2003*	*11/15/2003*	*4/22/2003*	*5/23/2000*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*-*	*0-0.25 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	ND (319000)	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	ND (6390)	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	7570000	-
Percent moisture	%	-	-	-	-	21.7	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	7.4	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	-	-	78.3	85
Total volatile solids	%	-	-	-	-	3.5	-

Notes:

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference (Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 6*	*Bldg.39-Grid 6 (Center)*	*Bldg.39-Grid 6 (NE Corner)*	*Bldg.39-Grid 6 (NW Corner)*	*Bldg.39-Grid 6 (SE Corner)*
Sample ID:			*S-2939-4-14-03-SW-085*	*S-111003-SW-011*	*S-111703-SW-001*	*S-111703-SW-002*	*S-111703-SW-003*
Sample Date:			*4/14/2003*	*11/10/2003*	*11/17/2003*	*11/17/2003*	*11/17/2003*
Sample Depth:			*-*	*1.5 ft*	*1.5 ft*	*1.5 ft*	*1.5 ft*
Parameter	*Units*	*RUSCO Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 6*	*Bldg.39-Grid 6 (Center)*	*Bldg.39-Grid 6 (NE Corner)*	*Bldg.39-Grid 6 (NW Corner)*	*Bldg.39-Grid 6 (SE Corner)*
Sample ID:			*S-2939-4-14-03-SW-085*	*S-111003-SW-011*	*S-111703-SW-001*	*S-111703-SW-002*	*S-111703-SW-003*
Sample Date:			*4/14/2003*	*11/10/2003*	*11/17/2003*	*11/17/2003*	*11/17/2003*
Sample Depth:			*-*	*1.5 ft*	*1.5 ft*	*1.5 ft*	*1.5 ft*
Parameter	*Units*	*RUSCO Criteria*					
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 6*	*Bldg.39-Grid 6 (Center)*	*Bldg.39-Grid 6 (NE Corner)*	*Bldg.39-Grid 6 (NW Corner)*	*Bldg.39-Grid 6 (SE Corner)*
Sample ID:			*S-2939-4-14-03-SW-085*	*S-111003-SW-011*	*S-111703-SW-001*	*S-111703-SW-002*	*S-111703-SW-003*
Sample Date:			*4/14/2003*	*11/10/2003*	*11/17/2003*	*11/17/2003*	*11/17/2003*
Sample Depth:			*-*	*1.5 ft*	*1.5 ft*	*1.5 ft*	*1.5 ft*
Parameter	*Units*	*RUSCO Criteria*					
3-Nitroaniline	µg/kg	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 6*	*Bldg.39-Grid 6 (Center)*	*Bldg.39-Grid 6 (NE Corner)*	*Bldg.39-Grid 6 (NW Corner)*	*Bldg.39-Grid 6 (SE Corner)*
Sample ID:			*S-2939-4-14-03-SW-085*	*S-111003-SW-011*	*S-111703-SW-001*	*S-111703-SW-002*	*S-111703-SW-003*
Sample Date:			*4/14/2003*	*11/10/2003*	*11/17/2003*	*11/17/2003*	*11/17/2003*
Sample Depth:			*-*	*1.5 ft*	*1.5 ft*	*1.5 ft*	*1.5 ft*
Parameter	*Units*	*RUSCO Criteria*					
Fluorene	µg/kg	1000000	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-
Metals							
Aluminum	µg/kg	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 6*	*Bldg.39-Grid 6 (Center)*	*Bldg.39-Grid 6 (NE Corner)*	*Bldg.39-Grid 6 (NW Corner)*	*Bldg.39-Grid 6 (SE Corner)*
Sample ID:			*S-2939-4-14-03-SW-085*	*S-111003-SW-011*	*S-111703-SW-001*	*S-111703-SW-002*	*S-111703-SW-003*
Sample Date:			*4/14/2003*	*11/10/2003*	*11/17/2003*	*11/17/2003*	*11/17/2003*
Sample Depth:			*-*	*1.5 ft*	*1.5 ft*	*1.5 ft*	*1.5 ft*
Parameter	*Units*	*RUSCO Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (6000)	ND (600)	ND (690)	ND (580)	ND (600)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (12000)	ND (600)	ND (690)	ND (580)	ND (600)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (6000)	ND (600)	ND (690)	ND (580)	ND (600)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (6000)	ND (600)	ND (690)	ND (580)	ND (600)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (6000)	ND (600)	ND (690)	ND (580)	ND (600)
Aroclor-1254 (PCB-1254)	µg/kg	-	48000	6500	910	18000	1100
Aroclor-1260 (PCB-1260)	µg/kg	-	3600 J	ND (600)	ND (690)	ND (2900)	ND (600)
Total PCBs	µg/kg	-	51600	6500	910	18000	1100
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 6*	*Bldg.39-Grid 6 (Center)*	*Bldg.39-Grid 6 (NE Corner)*	*Bldg.39-Grid 6 (NW Corner)*	*Bldg.39-Grid 6 (SE Corner)*
Sample ID:			*S-2939-4-14-03-SW-085*	*S-111003-SW-011*	*S-111703-SW-001*	*S-111703-SW-002*	*S-111703-SW-003*
Sample Date:			*4/14/2003*	*11/10/2003*	*11/17/2003*	*11/17/2003*	*11/17/2003*
Sample Depth:			*-*	*1.5 ft*	*1.5 ft*	*1.5 ft*	*1.5 ft*
Parameter	*Units*	*RUSCO Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-
Percent moisture	%	-	16.5	-	-	-	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-

Notes:

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference (Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 6 (SW Corner)*	*Bldg.39-Grid 7*	*Bldg.39-Grid 7*	*Bldg.39-Grid 7 (NE Subgrid)*	*Bldg.39-Grid 7 (NW Subgrid)*
Sample ID:			*S-111703-SW-004*	*S-JRR-276*	*S-2939-4-15-03-SW-091*	*S-2939-4-15-03-SW-087*	*S-2939-4-15-03-SW-088*
Sample Date:			*11/17/2003*	*5/23/2000*	*4/15/2003*	*4/15/2003*	*4/15/2003*
Sample Depth:			*1.5 ft*	*0-0.4 ft BGS*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 6 (SW Corner)*	*Bldg.39-Grid 7*	*Bldg.39-Grid 7*	*Bldg.39-Grid 7 (NE Subgrid)*	*Bldg.39-Grid 7 (NW Subgrid)*
Sample ID:			*S-111703-SW-004*	*S-JRR-276*	*S-2939-4-15-03-SW-091*	*S-2939-4-15-03-SW-087*	*S-2939-4-15-03-SW-088*
Sample Date:			*11/17/2003*	*5/23/2000*	*4/15/2003*	*4/15/2003*	*4/15/2003*
Sample Depth:			*1.5 ft*	*0-0.4 ft BGS*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 6 (SW Corner)*	*Bldg.39-Grid 7*	*Bldg.39-Grid 7*	*Bldg.39-Grid 7 (NE Subgrid)*	*Bldg.39-Grid 7 (NW Subgrid)*
Sample ID:			*S-111703-SW-004*	*S-JRR-276*	*S-2939-4-15-03-SW-091*	*S-2939-4-15-03-SW-087*	*S-2939-4-15-03-SW-088*
Sample Date:			*11/17/2003*	*5/23/2000*	*4/15/2003*	*4/15/2003*	*4/15/2003*
Sample Depth:			*1.5 ft*	*0-0.4 ft BGS*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
3-Nitroaniline	µg/kg	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 6 (SW Corner)*	*Bldg.39-Grid 7*	*Bldg.39-Grid 7*	*Bldg.39-Grid 7 (NE Subgrid)*	*Bldg.39-Grid 7 (NW Subgrid)*
Sample ID:			*S-111703-SW-004*	*S-JRR-276*	*S-2939-4-15-03-SW-091*	*S-2939-4-15-03-SW-087*	*S-2939-4-15-03-SW-088*
Sample Date:			*11/17/2003*	*5/23/2000*	*4/15/2003*	*4/15/2003*	*4/15/2003*
Sample Depth:			*1.5 ft*	*0-0.4 ft BGS*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
Fluorene	µg/kg	1000000	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-
Metals							
Aluminum	µg/kg	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 6 (SW Corner)*	*Bldg.39-Grid 7*	*Bldg.39-Grid 7*	*Bldg.39-Grid 7 (NE Subgrid)*	*Bldg.39-Grid 7 (NW Subgrid)*
Sample ID:			*S-111703-SW-004*	*S-JRR-276*	*S-2939-4-15-03-SW-091*	*S-2939-4-15-03-SW-087*	*S-2939-4-15-03-SW-088*
Sample Date:			*11/17/2003*	*5/23/2000*	*4/15/2003*	*4/15/2003*	*4/15/2003*
Sample Depth:			*1.5 ft*	*0-0.4 ft BGS*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (560)	ND (20000)	-	ND (6400)	ND (5700)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (560)	ND (41000)	-	ND (13000)	ND (11000)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (560)	ND (20000)	-	ND (6400)	ND (5700)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (560)	ND (20000)	-	ND (6400)	ND (5700)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (560)	ND (20000)	-	ND (6400)	ND (5700)
Aroclor-1254 (PCB-1254)	µg/kg	-	7300	37000	-	45000	16000
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (560) UJ	ND (20000)	-	ND (6400)	ND (5700)
Total PCBs	µg/kg	-	7300	37000	-	45000	16000
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	390	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	2500000	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 6 (SW Corner)*	*Bldg.39-Grid 7*	*Bldg.39-Grid 7*	*Bldg.39-Grid 7 (NE Subgrid)*	*Bldg.39-Grid 7 (NW Subgrid)*
Sample ID:			*S-111703-SW-004*	*S-JRR-276*	*S-2939-4-15-03-SW-091*	*S-2939-4-15-03-SW-087*	*S-2939-4-15-03-SW-088*
Sample Date:			*11/17/2003*	*5/23/2000*	*4/15/2003*	*4/15/2003*	*4/15/2003*
Sample Depth:			*1.5 ft*	*0-0.4 ft BGS*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	1020000	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	ND (6050)	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	3830000	-	-
Percent moisture	%	-	-	-	17.4	21.5	11.9
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	10	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	81.7	82.6	-	-
Total volatile solids	%	-	-	-	3.3	-	-

Notes:

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference (Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 7 (SE Subgrid)*	*Bldg.39-Grid 7 (SW Subgrid)*	*Bldg.39-Grid 8*	*Bldg.39-Grid 8*	*Bldg.39-Grid 8*
Sample ID:			*S-2939-4-15-03-SW-090*	*S-2939-4-15-03-SW-089*	*S-JRR-277*	*S-2939-4-16-03-SW-96*	*S-111003-SW-012*
Sample Date:			*4/15/2003*	*4/15/2003*	*5/23/2000*	*4/16/2003*	*11/10/2003*
Sample Depth:			*-*	*-*	*0-0.5 ft BGS*	*-*	*1.5 ft*
Parameter	*Units*	*RUSCO Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 7 (SE Subgrid)*	*Bldg.39-Grid 7 (SW Subgrid)*	*Bldg.39-Grid 8*	*Bldg.39-Grid 8*	*Bldg.39-Grid 8*
Sample ID:			*S-2939-4-15-03-SW-090*	*S-2939-4-15-03-SW-089*	*S-JRR-277*	*S-2939-4-16-03-SW-96*	*S-111003-SW-012*
Sample Date:			*4/15/2003*	*4/15/2003*	*5/23/2000*	*4/16/2003*	*11/10/2003*
Sample Depth:			*-*	*-*	*0-0.5 ft BGS*	*-*	*1.5 ft*
Parameter	*Units*	*RUSCO Criteria*					
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 7 (SE Subgrid)*	*Bldg.39-Grid 7 (SW Subgrid)*	*Bldg.39-Grid 8*	*Bldg.39-Grid 8*	*Bldg.39-Grid 8*
Sample ID:			*S-2939-4-15-03-SW-090*	*S-2939-4-15-03-SW-089*	*S-JRR-277*	*S-2939-4-16-03-SW-96*	*S-111003-SW-012*
Sample Date:			*4/15/2003*	*4/15/2003*	*5/23/2000*	*4/16/2003*	*11/10/2003*
Sample Depth:			*-*	*-*	*0-0.5 ft BGS*	*-*	*1.5 ft*
Parameter	*Units*	*RUSCO Criteria*					
3-Nitroaniline	µg/kg	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 7 (SE Subgrid)*	*Bldg.39-Grid 7 (SW Subgrid)*	*Bldg.39-Grid 8*	*Bldg.39-Grid 8*	*Bldg.39-Grid 8*
Sample ID:			*S-2939-4-15-03-SW-090*	*S-2939-4-15-03-SW-089*	*S-JRR-277*	*S-2939-4-16-03-SW-96*	*S-111003-SW-012*
Sample Date:			*4/15/2003*	*4/15/2003*	*5/23/2000*	*4/16/2003*	*11/10/2003*
Sample Depth:			*-*	*-*	*0-0.5 ft BGS*	*-*	*1.5 ft*
Parameter	*Units*	*RUSCO Criteria*					
Fluorene	µg/kg	1000000	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-
Metals							
Aluminum	µg/kg	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 7 (SE Subgrid)*	*Bldg.39-Grid 7 (SW Subgrid)*	*Bldg.39-Grid 8*	*Bldg.39-Grid 8*	*Bldg.39-Grid 8*
Sample ID:			*S-2939-4-15-03-SW-090*	*S-2939-4-15-03-SW-089*	*S-JRR-277*	*S-2939-4-16-03-SW-96*	*S-111003-SW-012*
Sample Date:			*4/15/2003*	*4/15/2003*	*5/23/2000*	*4/16/2003*	*11/10/2003*
Sample Depth:			*-*	*-*	*0-0.5 ft BGS*	*-*	*1.5 ft*
Parameter	*Units*	*RUSCO Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (5600)	ND (5900)	ND (20000)	-	ND (610)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (11000)	ND (12000)	ND (41000)	-	ND (610)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (5600)	ND (5900)	ND (20000)	-	ND (610)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (5600)	ND (5900)	ND (20000)	-	ND (610)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (5600)	ND (5900)	ND (20000)	-	ND (610)
Aroclor-1254 (PCB-1254)	µg/kg	-	19000	ND (5900)	44000	-	1300
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (5600)	ND (5900)	11000 J	-	ND (610)
Total PCBs	µg/kg	-	19000	ND	55000	-	1300
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	5700	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	2600000	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 7 (SE Subgrid)*	*Bldg.39-Grid 7 (SW Subgrid)*	*Bldg.39-Grid 8*	*Bldg.39-Grid 8*	*Bldg.39-Grid 8*
Sample ID:			*S-2939-4-15-03-SW-090*	*S-2939-4-15-03-SW-089*	*S-JRR-277*	*S-2939-4-16-03-SW-96*	*S-111003-SW-012*
Sample Date:			*4/15/2003*	*4/15/2003*	*5/23/2000*	*4/16/2003*	*11/10/2003*
Sample Depth:			*-*	*-*	*0-0.5 ft BGS*	*-*	*1.5 ft*
Parameter	*Units*	*RUSCO Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	834000	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	ND (5830)	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	2180000	-
Percent moisture	%	-	10.9	15.1	-	14.3	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	9.6	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	-	82	85.7	-
Total volatile solids	%	-	-	-	-	3.0	-

Notes:

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference (Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 8 (NE Subgrid)*	*Bldg.39-Grid 8 (NW Subgrid)*	*Bldg.39-Grid 8 (SW Subgrid)*	*Bldg.39-Grid 8 (SW Subgrid)*	*Bldg.39-Grid 9*
Sample ID:			*S-2939-4-15-03-SW-092*	*S-2939-4-16-03-SW-093*	*S-2939-4-16-03-SW-094*	*S-2939-4-16-03-SW-095*	*S-JRR-278*
Sample Date:			*4/15/2003*	*4/16/2003*	*4/16/2003*	*4/16/2003*	*5/23/2000*
Sample Depth:			*-*	*-*	*-*	*-*	*0-0.1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 8 (NE Subgrid)*	*Bldg.39-Grid 8 (NW Subgrid)*	*Bldg.39-Grid 8 (SW Subgrid)*	*Bldg.39-Grid 8 (SW Subgrid)*	*Bldg.39-Grid 9*
Sample ID:			*S-2939-4-15-03-SW-092*	*S-2939-4-16-03-SW-093*	*S-2939-4-16-03-SW-094*	*S-2939-4-16-03-SW-095*	*S-JRR-278*
Sample Date:			*4/15/2003*	*4/16/2003*	*4/16/2003*	*4/16/2003*	*5/23/2000*
Sample Depth:			*-*	*-*	*-*	*-*	*0-0.1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 8 (NE Subgrid)*	*Bldg.39-Grid 8 (NW Subgrid)*	*Bldg.39-Grid 8 (SW Subgrid)*	*Bldg.39-Grid 8 (SW Subgrid)*	*Bldg.39-Grid 9*
Sample ID:			*S-2939-4-15-03-SW-092*	*S-2939-4-16-03-SW-093*	*S-2939-4-16-03-SW-094*	*S-2939-4-16-03-SW-095*	*S-JRR-278*
Sample Date:			*4/15/2003*	*4/16/2003*	*4/16/2003*	*4/16/2003*	*5/23/2000*
Sample Depth:			*-*	*-*	*-*	*-*	*0-0.1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
3-Nitroaniline	µg/kg	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 8 (NE Subgrid)*	*Bldg.39-Grid 8 (NW Subgrid)*	*Bldg.39-Grid 8 (SW Subgrid)*	*Bldg.39-Grid 8 (SW Subgrid)*	*Bldg.39-Grid 9*
Sample ID:			*S-2939-4-15-03-SW-092*	*S-2939-4-16-03-SW-093*	*S-2939-4-16-03-SW-094*	*S-2939-4-16-03-SW-095*	*S-JRR-278*
Sample Date:			*4/15/2003*	*4/16/2003*	*4/16/2003*	*4/16/2003*	*5/23/2000*
Sample Depth:			*-*	*-*	*-*	*-*	*0-0.1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Fluorene	µg/kg	1000000	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-
Metals							
Aluminum	µg/kg	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 8 (NE Subgrid)*	*Bldg.39-Grid 8 (NW Subgrid)*	*Bldg.39-Grid 8 (SW Subgrid)*	*Bldg.39-Grid 8 (SW Subgrid)*	*Bldg.39-Grid 9*
Sample ID:			*S-2939-4-15-03-SW-092*	*S-2939-4-16-03-SW-093*	*S-2939-4-16-03-SW-094*	*S-2939-4-16-03-SW-095*	*S-JRR-278*
Sample Date:			*4/15/2003*	*4/16/2003*	*4/16/2003*	*4/16/2003*	*5/23/2000*
Sample Depth:			*-*	*-*	*-*	*-*	*0-0.1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (5700)	ND (6200)	ND (5700)	ND (6000)	ND (4800)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (11000)	ND (12000)	ND (11000)	ND (12000)	ND (9600)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (5700)	ND (6200)	ND (5700)	ND (6000)	ND (4800)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (5700)	ND (6200)	ND (5700)	ND (6000)	ND (4800)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (5700)	ND (6200)	ND (5700)	ND (6000)	ND (4800)
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (5700)	12000	ND (5700)	3000 J	21000
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (5700)	ND (6200)	ND (5700)	ND (6000)	ND (4800)
Total PCBs	µg/kg	-	ND	12000	ND	3000	21000
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 8 (NE Subgrid)*	*Bldg.39-Grid 8 (NW Subgrid)*	*Bldg.39-Grid 8 (SW Subgrid)*	*Bldg.39-Grid 8 (SW Subgrid)*	*Bldg.39-Grid 9*
Sample ID:			*S-2939-4-15-03-SW-092*	*S-2939-4-16-03-SW-093*	*S-2939-4-16-03-SW-094*	*S-2939-4-16-03-SW-095*	*S-JRR-278*
Sample Date:			*4/15/2003*	*4/16/2003*	*4/16/2003*	*4/16/2003*	*5/23/2000*
Sample Depth:			*-*	*-*	*-*	*-*	*0-0.1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-
Percent moisture	%	-	12.6	18.8	11.7	-	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	69.6
Total volatile solids	%	-	-	-	-	-	-

Notes:

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference (Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 9*	*Bldg.39-Grid 9*	*Bldg.39-Grids 9, 10, 11*	*Bldg.39-Grid 9 (NE Corner)*	*Bldg.39-Grid 9 (NW Corner)*
Sample ID:			*S-2939-4-16-03-SW-097*	*S-34084-102903-SW-001*	*S-2939-4-16-03-SW-100*	*S-112103-SW-005*	*S-112103-SW-006*
Sample Date:			*4/16/2003*	*10/29/2003*	*4/16/2003*	*11/21/2003*	*11/21/2003*
Sample Depth:			*-*	*1.5 ft*	*-*	*1.5 ft*	*1.5 ft*
Parameter	*Units*	*RUSCO Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 9*	*Bldg.39-Grid 9*	*Bldg.39-Grids 9, 10, 11*	*Bldg.39-Grid 9 (NE Corner)*	*Bldg.39-Grid 9 (NW Corner)*
Sample ID:			*S-2939-4-16-03-SW-097*	*S-34084-102903-SW-001*	*S-2939-4-16-03-SW-100*	*S-112103-SW-005*	*S-112103-SW-006*
Sample Date:			*4/16/2003*	*10/29/2003*	*4/16/2003*	*11/21/2003*	*11/21/2003*
Sample Depth:			*-*	*1.5 ft*	*-*	*1.5 ft*	*1.5 ft*
Parameter	*Units*	*RUSCO Criteria*					
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 9*	*Bldg.39-Grid 9*	*Bldg.39-Grids 9, 10, 11*	*Bldg.39-Grid 9 (NE Corner)*	*Bldg.39-Grid 9 (NW Corner)*
Sample ID:			*S-2939-4-16-03-SW-097*	*S-34084-102903-SW-001*	*S-2939-4-16-03-SW-100*	*S-112103-SW-005*	*S-112103-SW-006*
Sample Date:			*4/16/2003*	*10/29/2003*	*4/16/2003*	*11/21/2003*	*11/21/2003*
Sample Depth:			*-*	*1.5 ft*	*-*	*1.5 ft*	*1.5 ft*
Parameter	*Units*	*RUSCO Criteria*					
3-Nitroaniline	µg/kg	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 9*	*Bldg.39-Grid 9*	*Bldg.39-Grids 9, 10, 11*	*Bldg.39-Grid 9 (NE Corner)*	*Bldg.39-Grid 9 (NW Corner)*
Sample ID:			*S-2939-4-16-03-SW-097*	*S-34084-102903-SW-001*	*S-2939-4-16-03-SW-100*	*S-112103-SW-005*	*S-112103-SW-006*
Sample Date:			*4/16/2003*	*10/29/2003*	*4/16/2003*	*11/21/2003*	*11/21/2003*
Sample Depth:			*-*	*1.5 ft*	*-*	*1.5 ft*	*1.5 ft*
Parameter	*Units*	*RUSCO Criteria*					
Fluorene	µg/kg	1000000	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-
Metals							
Aluminum	µg/kg	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 9*	*Bldg.39-Grid 9*	*Bldg.39-Grids 9, 10, 11*	*Bldg.39-Grid 9 (NE Corner)*	*Bldg.39-Grid 9 (NW Corner)*
Sample ID:			*S-2939-4-16-03-SW-097*	*S-34084-102903-SW-001*	*S-2939-4-16-03-SW-100*	*S-112103-SW-005*	*S-112103-SW-006*
Sample Date:			*4/16/2003*	*10/29/2003*	*4/16/2003*	*11/21/2003*	*11/21/2003*
Sample Depth:			*-*	*1.5 ft*	*-*	*1.5 ft*	*1.5 ft*
Parameter	*Units*	*RUSCO Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (6500)	ND (660)	-	ND (700)	ND (690)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (13000)	ND (660)	-	ND (700)	ND (690)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (6500)	ND (660)	-	ND (700)	ND (690)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (6500)	ND (660)	-	ND (700)	ND (690)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (6500)	ND (660)	-	ND (700)	ND (690)
Aroclor-1254 (PCB-1254)	µg/kg	-	22000	ND (660)	-	6900	6000
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (6500)	560 J	-	ND (700) UJ	ND (690) UJ
Total PCBs	µg/kg	-	22000	560	-	6900	6000
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	ND (250)	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	1000000	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 9*	*Bldg.39-Grid 9*	*Bldg.39-Grids 9, 10, 11*	*Bldg.39-Grid 9 (NE Corner)*	*Bldg.39-Grid 9 (NW Corner)*
Sample ID:			*S-2939-4-16-03-SW-097*	*S-34084-102903-SW-001*	*S-2939-4-16-03-SW-100*	*S-112103-SW-005*	*S-112103-SW-006*
Sample Date:			*4/16/2003*	*10/29/2003*	*4/16/2003*	*11/21/2003*	*11/21/2003*
Sample Depth:			*-*	*1.5 ft*	*-*	*1.5 ft*	*1.5 ft*
Parameter	*Units*	*RUSCO Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	ND (316000)	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	ND (6310)	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	975000	-	-
Percent moisture	%	-	-	-	20.8	-	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	9.8	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	-	79.2	-	-
Total volatile solids	%	-	-	-	2.8	-	-

Notes:

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference (Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 9 (SE Corner)*	*Bldg.39-Grid 9 (SW Corner)*	*Bldg.39-Grid 9 (SW Corner)*	*Bldg.39-Grid 10*	*Bldg.39-Grid 10*
Sample ID:			*S-112103-SW-007*	*S-112103-SW-008*	*S-112103-SW-009*	*S-JRR-279*	*S-2939-4-16-03-SW-098*
Sample Date:			*11/21/2003*	*11/21/2003*	*11/21/2003*	*5/23/2000*	*4/16/2003*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*0-0.1 ft BGS*	*-*
		RUSCO			*Duplicate*		
Parameter	*Units*	*Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 9 (SE Corner)*	*Bldg.39-Grid 9 (SW Corner)*	*Bldg.39-Grid 9 (SW Corner)*	*Bldg.39-Grid 10*	*Bldg.39-Grid 10*
Sample ID:			*S-112103-SW-007*	*S-112103-SW-008*	*S-112103-SW-009*	*S-JRR-279*	*S-2939-4-16-03-SW-098*
Sample Date:			*11/21/2003*	*11/21/2003*	*11/21/2003*	*5/23/2000*	*4/16/2003*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*0-0.1 ft BGS*	*-*
		RUSCO			*Duplicate*		
Parameter	*Units*	*Criteria*					
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 9 (SE Corner)*	*Bldg.39-Grid 9 (SW Corner)*	*Bldg.39-Grid 9 (SW Corner)*	*Bldg.39-Grid 10*	*Bldg.39-Grid 10*
Sample ID:			*S-112103-SW-007*	*S-112103-SW-008*	*S-112103-SW-009*	*S-JRR-279*	*S-2939-4-16-03-SW-098*
Sample Date:			*11/21/2003*	*11/21/2003*	*11/21/2003*	*5/23/2000*	*4/16/2003*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*0-0.1 ft BGS*	*-*
		RUSCO			*Duplicate*		
Parameter	*Units*	*Criteria*					
3-Nitroaniline	µg/kg	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 9 (SE Corner)*	*Bldg.39-Grid 9 (SW Corner)*	*Bldg.39-Grid 9 (SW Corner)*	*Bldg.39-Grid 10*	*Bldg.39-Grid 10*
Sample ID:			*S-112103-SW-007*	*S-112103-SW-008*	*S-112103-SW-009*	*S-JRR-279*	*S-2939-4-16-03-SW-098*
Sample Date:			*11/21/2003*	*11/21/2003*	*11/21/2003*	*5/23/2000*	*4/16/2003*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*0-0.1 ft BGS*	*-*
		RUSCO			*Duplicate*		
Parameter	*Units*	*Criteria*					
Fluorene	µg/kg	1000000	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-
Metals							
Aluminum	µg/kg	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 9 (SE Corner)*	*Bldg.39-Grid 9 (SW Corner)*	*Bldg.39-Grid 9 (SW Corner)*	*Bldg.39-Grid 10*	*Bldg.39-Grid 10*
Sample ID:			*S-112103-SW-007*	*S-112103-SW-008*	*S-112103-SW-009*	*S-JRR-279*	*S-2939-4-16-03-SW-098*
Sample Date:			*11/21/2003*	*11/21/2003*	*11/21/2003*	*5/23/2000*	*4/16/2003*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*0-0.1 ft BGS*	*-*
		RUSCO			*Duplicate*		
Parameter	*Units*	*Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (620)	ND (7200)	ND (680)	ND (4300)	ND (6500)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (620)	ND (7200)	ND (680)	ND (8600)	ND (13000)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (620)	ND (7200)	ND (680)	ND (4300)	ND (6500)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (620)	ND (7200)	ND (680)	ND (4300)	ND (6500)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (620)	ND (7200)	ND (680)	ND (4300)	ND (6500)
Aroclor-1254 (PCB-1254)	µg/kg	-	1900 J	110000 J	16000 J	27000	19000
Aroclor-1260 (PCB-1260)	µg/kg	-	670 J	ND (7200)	ND (1400)	6100	ND (6500)
Total PCBs	µg/kg	-	2570	110000	16000	33100	19000
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 9 (SE Corner)*	*Bldg.39-Grid 9 (SW Corner)*	*Bldg.39-Grid 9 (SW Corner)*	*Bldg.39-Grid 10*	*Bldg.39-Grid 10*
Sample ID:			*S-112103-SW-007*	*S-112103-SW-008*	*S-112103-SW-009*	*S-JRR-279*	*S-2939-4-16-03-SW-098*
Sample Date:			*11/21/2003*	*11/21/2003*	*11/21/2003*	*5/23/2000*	*4/16/2003*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*0-0.1 ft BGS*	*-*
		RUSCO			*Duplicate*		
Parameter	*Units*	*Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	-	-	77.7	-
Total volatile solids	%	-	-	-	-	-	-

Notes:

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference (Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 10 (Center)*	*Bldg.39-Grid 10 (NE Corner)*	*Bldg.39-Grid 10 (NW Corner)*	*Bldg.39-Grid 10 (SE Corner)*
Sample ID:			*S-34084-102903-SW-002*	*S-112103-SW-001*	*S-112103-SW-002*	*S-112103-SW-003*
Sample Date:			*10/29/2003*	*11/21/2003*	*11/21/2003*	*11/21/2003*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*1.5 ft*
Parameter	*Units*	*RUSCO Criteria*				
Volatiles						
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 10 (Center)*	*Bldg.39-Grid 10 (NE Corner)*	*Bldg.39-Grid 10 (NW Corner)*	*Bldg.39-Grid 10 (SE Corner)*
Sample ID:			*S-34084-102903-SW-002*	*S-112103-SW-001*	*S-112103-SW-002*	*S-112103-SW-003*
Sample Date:			*10/29/2003*	*11/21/2003*	*11/21/2003*	*11/21/2003*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*1.5 ft*
Parameter	*Units*	*RUSCO Criteria*				
Methyl acetate	µg/kg	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 10 (Center)*	*Bldg.39-Grid 10 (NE Corner)*	*Bldg.39-Grid 10 (NW Corner)*	*Bldg.39-Grid 10 (SE Corner)*
Sample ID:			*S-34084-102903-SW-002*	*S-112103-SW-001*	*S-112103-SW-002*	*S-112103-SW-003*
Sample Date:			*10/29/2003*	*11/21/2003*	*11/21/2003*	*11/21/2003*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*1.5 ft*
Parameter	*Units*	*RUSCO Criteria*				
3-Nitroaniline	µg/kg	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 10 (Center)*	*Bldg.39-Grid 10 (NE Corner)*	*Bldg.39-Grid 10 (NW Corner)*	*Bldg.39-Grid 10 (SE Corner)*
Sample ID:			*S-34084-102903-SW-002*	*S-112103-SW-001*	*S-112103-SW-002*	*S-112103-SW-003*
Sample Date:			*10/29/2003*	*11/21/2003*	*11/21/2003*	*11/21/2003*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*1.5 ft*
Parameter	*Units*	*RUSCO Criteria*				
Fluorene	µg/kg	1000000	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-
Metals						
Aluminum	µg/kg	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-
Calcium	µg/kg	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-
Iron	µg/kg	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-
Potassium	µg/kg	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-
Sodium	µg/kg	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 10 (Center)*	*Bldg.39-Grid 10 (NE Corner)*	*Bldg.39-Grid 10 (NW Corner)*	*Bldg.39-Grid 10 (SE Corner)*
Sample ID:			*S-34084-102903-SW-002*	*S-112103-SW-001*	*S-112103-SW-002*	*S-112103-SW-003*
Sample Date:			*10/29/2003*	*11/21/2003*	*11/21/2003*	*11/21/2003*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*1.5 ft*
Parameter	*Units*	*RUSCO Criteria*				
PCBs						
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (770)	ND (620)	ND (690)	ND (640)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (770)	ND (620)	ND (690)	ND (640)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (770)	ND (620)	ND (690)	ND (640)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (770)	ND (620)	ND (690)	ND (640)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (770)	ND (620)	ND (690)	ND (640)
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (770)	ND (620)	ND (690)	5200
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (770)	ND (620)	ND (690)	ND (640) UJ
Total PCBs	µg/kg	-	ND	ND	ND	5200
Pesticides						
4,4'-DDD	µg/kg	180000	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-
Petroleum Hydrocarbons						
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 10 (Center)*	*Bldg.39-Grid 10 (NE Corner)*	*Bldg.39-Grid 10 (NW Corner)*	*Bldg.39-Grid 10 (SE Corner)*
Sample ID:			*S-34084-102903-SW-002*	*S-112103-SW-001*	*S-112103-SW-002*	*S-112103-SW-003*
Sample Date:			*10/29/2003*	*11/21/2003*	*11/21/2003*	*11/21/2003*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*1.5 ft*
Parameter	*Units*	*RUSCO Criteria*				
General Chemistry						
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-
Percent moisture	%	-	-	-	-	-
pH	s.u.	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-
Total solids	%	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-

Notes:

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference (Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 10 (SW Corner)*	*Bldg.39-Grid 11*	*Bldg.39-Grid 11*	*Bldg.39-Grid 11*	*Bldg.39-Grid 11*	*Bldg.39-Grid 11 (Center)*
Sample ID:			*S-112103-SW-004*	*S-JSH-308*	*S-JSH-396*	*S-JSH-397*	*S-2939-4-16-03-SW-099*	*S-34084-102903-SW-003*
Sample Date:			*11/21/2003*	*6/21/2000*	*6/29/2000*	*6/29/2000*	*4/16/2003*	*10/29/2003*
Sample Depth:			*1.5 ft*	*0-0.2 ft BGS*	*0.2-0.4 ft BGS*	*0.2-0.4 ft BGS*	*-*	*1.5 ft*
		RUSCO				*Duplicate*		
Parameter	*Units*	*Criteria*						
Volatiles								
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 10 (SW Corner)*	*Bldg.39-Grid 11*	*Bldg.39-Grid 11*	*Bldg.39-Grid 11*	*Bldg.39-Grid 11*	*Bldg.39-Grid 11 (Center)*
Sample ID:			*S-112103-SW-004*	*S-JSH-308*	*S-JSH-396*	*S-JSH-397*	*S-2939-4-16-03-SW-099*	*S-34084-102903-SW-003*
Sample Date:			*11/21/2003*	*6/21/2000*	*6/29/2000*	*6/29/2000*	*4/16/2003*	*10/29/2003*
Sample Depth:			*1.5 ft*	*0-0.2 ft BGS*	*0.2-0.4 ft BGS*	*0.2-0.4 ft BGS*	*-*	*1.5 ft*
		RUSCO				*Duplicate*		
Parameter	*Units*	*Criteria*						
Methyl acetate	µg/kg	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-	-
Semi-Volatiles								
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 10 (SW Corner)*	*Bldg.39-Grid 11*	*Bldg.39-Grid 11*	*Bldg.39-Grid 11*	*Bldg.39-Grid 11*	*Bldg.39-Grid 11 (Center)*
Sample ID:			*S-112103-SW-004*	*S-JSH-308*	*S-JSH-396*	*S-JSH-397*	*S-2939-4-16-03-SW-099*	*S-34084-102903-SW-003*
Sample Date:			*11/21/2003*	*6/21/2000*	*6/29/2000*	*6/29/2000*	*4/16/2003*	*10/29/2003*
Sample Depth:			*1.5 ft*	*0-0.2 ft BGS*	*0.2-0.4 ft BGS*	*0.2-0.4 ft BGS*	*-*	*1.5 ft*
		RUSCO				*Duplicate*		
Parameter	*Units*	*Criteria*						
3-Nitroaniline	µg/kg	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 10 (SW Corner)*	*Bldg.39-Grid 11*	*Bldg.39-Grid 11*	*Bldg.39-Grid 11*	*Bldg.39-Grid 11*	*Bldg.39-Grid 11 (Center)*
Sample ID:			*S-112103-SW-004*	*S-JSH-308*	*S-JSH-396*	*S-JSH-397*	*S-2939-4-16-03-SW-099*	*S-34084-102903-SW-003*
Sample Date:			*11/21/2003*	*6/21/2000*	*6/29/2000*	*6/29/2000*	*4/16/2003*	*10/29/2003*
Sample Depth:			*1.5 ft*	*0-0.2 ft BGS*	*0.2-0.4 ft BGS*	*0.2-0.4 ft BGS*	*-*	*1.5 ft*
		RUSCO				*Duplicate*		
Parameter	*Units*	*Criteria*						
Fluorene	µg/kg	1000000	-	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-	-
Metals								
Aluminum	µg/kg	-	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 10 (SW Corner)*	*Bldg.39-Grid 11*	*Bldg.39-Grid 11*	*Bldg.39-Grid 11*	*Bldg.39-Grid 11*	*Bldg.39-Grid 11 (Center)*
Sample ID:			*S-112103-SW-004*	*S-JSH-308*	*S-JSH-396*	*S-JSH-397*	*S-2939-4-16-03-SW-099*	*S-34084-102903-SW-003*
Sample Date:			*11/21/2003*	*6/21/2000*	*6/29/2000*	*6/29/2000*	*4/16/2003*	*10/29/2003*
Sample Depth:			*1.5 ft*	*0-0.2 ft BGS*	*0.2-0.4 ft BGS*	*0.2-0.4 ft BGS*	*-*	*1.5 ft*
		RUSCO				*Duplicate*		
Parameter	*Units*	*Criteria*						
PCBs								
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (620)	ND (3800)	ND (41)	ND (40)	ND (6800)	ND (650)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (620)	ND (7600)	ND (82)	ND (80)	ND (14000)	ND (650)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (620)	ND (3800)	ND (41)	ND (40)	ND (6800)	ND (650)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (620)	ND (3800)	ND (41)	ND (40)	ND (6800)	ND (650)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (620)	ND (3800)	ND (41)	ND (40)	ND (6800)	ND (650)
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (620)	11000	290	230	10000	4700
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (620)	ND (3800)	150	89	ND (6800)	ND (650)
Total PCBs	µg/kg	-	ND	11000	440	319	10000	4700
Pesticides								
4,4'-DDD	µg/kg	180000	-	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-	-
Petroleum Hydrocarbons								
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 10 (SW Corner)*	*Bldg.39-Grid 11*	*Bldg.39-Grid 11*	*Bldg.39-Grid 11*	*Bldg.39-Grid 11*	*Bldg.39-Grid 11 (Center)*
Sample ID:			*S-112103-SW-004*	*S-JSH-308*	*S-JSH-396*	*S-JSH-397*	*S-2939-4-16-03-SW-099*	*S-34084-102903-SW-003*
Sample Date:			*11/21/2003*	*6/21/2000*	*6/29/2000*	*6/29/2000*	*4/16/2003*	*10/29/2003*
Sample Depth:			*1.5 ft*	*0-0.2 ft BGS*	*0.2-0.4 ft BGS*	*0.2-0.4 ft BGS*	*-*	*1.5 ft*
		RUSCO				*Duplicate*		
Parameter	*Units*	*Criteria*						
General Chemistry								
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-
Total solids	%	-	-	87.1	81	83.6	-	-
Total volatile solids	%	-	-	-	-	-	-	-

Notes:

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference (Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 11 (NE Corner)*	*Bldg.39-Grid 11 (NW Corner)*	*Bldg.39-Grid 11 (SE Corner)*	*Bldg.39-Grid 11 (SW Corner)*	*Bldg.39-Grid 12*
Sample ID:			*S-111703-SW-018*	*S-111703-SW-019*	*S-111703-SW-020*	*S-111703-SW-021*	*S-JSH-309*
Sample Date:			*11/17/2003*	*11/17/2003*	*11/17/2003*	*11/17/2003*	*6/21/2000*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*1.5 ft*	*0-0.2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 11 (NE Corner)*	*Bldg.39-Grid 11 (NW Corner)*	*Bldg.39-Grid 11 (SE Corner)*	*Bldg.39-Grid 11 (SW Corner)*	*Bldg.39-Grid 12*
Sample ID:			*S-111703-SW-018*	*S-111703-SW-019*	*S-111703-SW-020*	*S-111703-SW-021*	*S-JSH-309*
Sample Date:			*11/17/2003*	*11/17/2003*	*11/17/2003*	*11/17/2003*	*6/21/2000*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*1.5 ft*	*0-0.2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 11 (NE Corner)*	*Bldg.39-Grid 11 (NW Corner)*	*Bldg.39-Grid 11 (SE Corner)*	*Bldg.39-Grid 11 (SW Corner)*	*Bldg.39-Grid 12*
Sample ID:			*S-111703-SW-018*	*S-111703-SW-019*	*S-111703-SW-020*	*S-111703-SW-021*	*S-JSH-309*
Sample Date:			*11/17/2003*	*11/17/2003*	*11/17/2003*	*11/17/2003*	*6/21/2000*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*1.5 ft*	*0-0.2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
3-Nitroaniline	µg/kg	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 11 (NE Corner)*	*Bldg.39-Grid 11 (NW Corner)*	*Bldg.39-Grid 11 (SE Corner)*	*Bldg.39-Grid 11 (SW Corner)*	*Bldg.39-Grid 12*
Sample ID:			*S-111703-SW-018*	*S-111703-SW-019*	*S-111703-SW-020*	*S-111703-SW-021*	*S-JSH-309*
Sample Date:			*11/17/2003*	*11/17/2003*	*11/17/2003*	*11/17/2003*	*6/21/2000*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*1.5 ft*	*0-0.2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Fluorene	µg/kg	1000000	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-
Metals							
Aluminum	µg/kg	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 11 (NE Corner)*	*Bldg.39-Grid 11 (NW Corner)*	*Bldg.39-Grid 11 (SE Corner)*	*Bldg.39-Grid 11 (SW Corner)*	*Bldg.39-Grid 12*
Sample ID:			*S-111703-SW-018*	*S-111703-SW-019*	*S-111703-SW-020*	*S-111703-SW-021*	*S-JSH-309*
Sample Date:			*11/17/2003*	*11/17/2003*	*11/17/2003*	*11/17/2003*	*6/21/2000*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*1.5 ft*	*0-0.2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (600)	ND (630)	ND (710)	ND (680)	ND (3700)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (600)	ND (630)	ND (710)	ND (680)	ND (7400)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (600)	ND (630)	ND (3600)	ND (680)	ND (3700)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (600)	ND (630)	ND (710)	ND (680)	ND (3700)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (600)	ND (630)	ND (710)	ND (680)	ND (3700)
Aroclor-1254 (PCB-1254)	µg/kg	-	2500	4600	21000	1100	28000
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (600)	ND (630)	ND (3600)	ND (680)	5100
Total PCBs	µg/kg	-	2500	4600	21000	1100	33100
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 11 (NE Corner)*	*Bldg.39-Grid 11 (NW Corner)*	*Bldg.39-Grid 11 (SE Corner)*	*Bldg.39-Grid 11 (SW Corner)*	*Bldg.39-Grid 12*
Sample ID:			*S-111703-SW-018*	*S-111703-SW-019*	*S-111703-SW-020*	*S-111703-SW-021*	*S-JSH-309*
Sample Date:			*11/17/2003*	*11/17/2003*	*11/17/2003*	*11/17/2003*	*6/21/2000*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*1.5 ft*	*0-0.2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	90.2
Total volatile solids	%	-	-	-	-	-	-

Notes:

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference (Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 12*	*Bldg.39-Grid 12*	*Bldg.39-Grids 12, 13, 14*	*Bldg.39-Grid 12 (NE Corner)*	*Bldg.39-Grid 12 (NW Corner)*
Sample ID:			*S-JSH-395*	*S-2939-4-16-03-SW-101*	*S-2939-4-16-03-SW-104*	*S-111703-SW-022*	*S-111703-SW-023*
Sample Date:			*6/29/2000*	*4/16/2003*	*4/16/2003*	*11/17/2003*	*11/17/2003*
Sample Depth:			*0.2-0.4 ft BGS*	*-*	*-*	*1.5 ft*	*1.5 ft*
Parameter	*Units*	*RUSCO Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 12*	*Bldg.39-Grid 12*	*Bldg.39-Grids 12, 13, 14*	*Bldg.39-Grid 12 (NE Corner)*	*Bldg.39-Grid 12 (NW Corner)*
Sample ID:			*S-JSH-395*	*S-2939-4-16-03-SW-101*	*S-2939-4-16-03-SW-104*	*S-111703-SW-022*	*S-111703-SW-023*
Sample Date:			*6/29/2000*	*4/16/2003*	*4/16/2003*	*11/17/2003*	*11/17/2003*
Sample Depth:			*0.2-0.4 ft BGS*	*-*	*-*	*1.5 ft*	*1.5 ft*
Parameter	*Units*	*RUSCO Criteria*					
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 12*	*Bldg.39-Grid 12*	*Bldg.39-Grids 12, 13, 14*	*Bldg.39-Grid 12 (NE Corner)*	*Bldg.39-Grid 12 (NW Corner)*
Sample ID:			*S-JSH-395*	*S-2939-4-16-03-SW-101*	*S-2939-4-16-03-SW-104*	*S-111703-SW-022*	*S-111703-SW-023*
Sample Date:			*6/29/2000*	*4/16/2003*	*4/16/2003*	*11/17/2003*	*11/17/2003*
Sample Depth:			*0.2-0.4 ft BGS*	*-*	*-*	*1.5 ft*	*1.5 ft*
Parameter	*Units*	*RUSCO Criteria*					
3-Nitroaniline	µg/kg	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 12*	*Bldg.39-Grid 12*	*Bldg.39-Grids 12, 13, 14*	*Bldg.39-Grid 12 (NE Corner)*	*Bldg.39-Grid 12 (NW Corner)*
Sample ID:			*S-JSH-395*	*S-2939-4-16-03-SW-101*	*S-2939-4-16-03-SW-104*	*S-111703-SW-022*	*S-111703-SW-023*
Sample Date:			*6/29/2000*	*4/16/2003*	*4/16/2003*	*11/17/2003*	*11/17/2003*
Sample Depth:			*0.2-0.4 ft BGS*	*-*	*-*	*1.5 ft*	*1.5 ft*
Parameter	*Units*	*RUSCO Criteria*					
Fluorene	µg/kg	1000000	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-
Metals							
Aluminum	µg/kg	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 12*	*Bldg.39-Grid 12*	*Bldg.39-Grids 12, 13, 14*	*Bldg.39-Grid 12 (NE Corner)*	*Bldg.39-Grid 12 (NW Corner)*
Sample ID:			*S-JSH-395*	*S-2939-4-16-03-SW-101*	*S-2939-4-16-03-SW-104*	*S-111703-SW-022*	*S-111703-SW-023*
Sample Date:			*6/29/2000*	*4/16/2003*	*4/16/2003*	*11/17/2003*	*11/17/2003*
Sample Depth:			*0.2-0.4 ft BGS*	*-*	*-*	*1.5 ft*	*1.5 ft*
Parameter	*Units*	*RUSCO Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (400)	ND (5900)	-	ND (640)	ND (690)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (790)	ND (12000)	-	ND (640)	ND (690)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (400)	ND (5900)	-	ND (3200)	ND (690)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (400)	ND (5900)	-	ND (640)	ND (690)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (400)	ND (5900)	-	ND (640)	ND (690)
Aroclor-1254 (PCB-1254)	µg/kg	-	1200	4000 J	-	23000	1600
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (400)	ND (5900)	-	ND (3200)	ND (690)
Total PCBs	µg/kg	-	1200	4000	-	23000	1600
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	ND (240)	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	490000	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 12*	*Bldg.39-Grid 12*	*Bldg.39-Grids 12, 13, 14*	*Bldg.39-Grid 12 (NE Corner)*	*Bldg.39-Grid 12 (NW Corner)*
Sample ID:			*S-JSH-395*	*S-2939-4-16-03-SW-101*	*S-2939-4-16-03-SW-104*	*S-111703-SW-022*	*S-111703-SW-023*
Sample Date:			*6/29/2000*	*4/16/2003*	*4/16/2003*	*11/17/2003*	*11/17/2003*
Sample Depth:			*0.2-0.4 ft BGS*	*-*	*-*	*1.5 ft*	*1.5 ft*
Parameter	*Units*	*RUSCO Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	ND (297000)	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	ND (5940)	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	669000	-	-
Percent moisture	%	-	-	-	15.8	-	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	9.3	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	84	-	84.2	-	-
Total volatile solids	%	-	-	-	4.7	-	-

Notes:

greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

(Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 12 (SE Corner)*	*Bldg.39-Grid 12 (SW Corner)*	*Bldg.39-Grid 13*	*Bldg.39-Grid 13*	*Bldg.39-Grid 13*
Sample ID:			*S-111703-SW-024*	*S-111703-SW-025*	*S-JSH-310*	*S-JSH-394*	*S-2939-4-16-03-SW-103*
Sample Date:			*11/17/2003*	*11/17/2003*	*6/21/2000*	*6/29/2000*	*4/16/2003*
Sample Depth:			*1.5 ft*	*1.5 ft*	*0-0.2 ft BGS*	*0.2-0.4 ft BGS*	*-*
Parameter	*Units*	*RUSCO Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 12 (SE Corner)*	*Bldg.39-Grid 12 (SW Corner)*	*Bldg.39-Grid 13*	*Bldg.39-Grid 13*	*Bldg.39-Grid 13*
Sample ID:			*S-111703-SW-024*	*S-111703-SW-025*	*S-JSH-310*	*S-JSH-394*	*S-2939-4-16-03-SW-103*
Sample Date:			*11/17/2003*	*11/17/2003*	*6/21/2000*	*6/29/2000*	*4/16/2003*
Sample Depth:			*1.5 ft*	*1.5 ft*	*0-0.2 ft BGS*	*0.2-0.4 ft BGS*	*-*
Parameter	*Units*	*RUSCO Criteria*					
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 12 (SE Corner)*	*Bldg.39-Grid 12 (SW Corner)*	*Bldg.39-Grid 13*	*Bldg.39-Grid 13*	*Bldg.39-Grid 13*
Sample ID:			*S-111703-SW-024*	*S-111703-SW-025*	*S-JSH-310*	*S-JSH-394*	*S-2939-4-16-03-SW-103*
Sample Date:			*11/17/2003*	*11/17/2003*	*6/21/2000*	*6/29/2000*	*4/16/2003*
Sample Depth:			*1.5 ft*	*1.5 ft*	*0-0.2 ft BGS*	*0.2-0.4 ft BGS*	*-*
Parameter	*Units*	*RUSCO Criteria*					
3-Nitroaniline	µg/kg	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 12 (SE Corner)*	*Bldg.39-Grid 12 (SW Corner)*	*Bldg.39-Grid 13*	*Bldg.39-Grid 13*	*Bldg.39-Grid 13*
Sample ID:			*S-111703-SW-024*	*S-111703-SW-025*	*S-JSH-310*	*S-JSH-394*	*S-2939-4-16-03-SW-103*
Sample Date:			*11/17/2003*	*11/17/2003*	*6/21/2000*	*6/29/2000*	*4/16/2003*
Sample Depth:			*1.5 ft*	*1.5 ft*	*0-0.2 ft BGS*	*0.2-0.4 ft BGS*	*-*
Parameter	*Units*	*RUSCO Criteria*					
Fluorene	µg/kg	1000000	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-
Metals							
Aluminum	µg/kg	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 12 (SE Corner)*	*Bldg.39-Grid 12 (SW Corner)*	*Bldg.39-Grid 13*	*Bldg.39-Grid 13*	*Bldg.39-Grid 13*
Sample ID:			*S-111703-SW-024*	*S-111703-SW-025*	*S-JSH-310*	*S-JSH-394*	*S-2939-4-16-03-SW-103*
Sample Date:			*11/17/2003*	*11/17/2003*	*6/21/2000*	*6/29/2000*	*4/16/2003*
Sample Depth:			*1.5 ft*	*1.5 ft*	*0-0.2 ft BGS*	*0.2-0.4 ft BGS*	*-*
Parameter	*Units*	*RUSCO Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (690)	ND (650)	ND (3700)	ND (410)	ND (6000)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (690)	ND (650)	ND (7400)	ND (810)	ND (12000)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (690)	ND (3200)	ND (3700)	ND (410)	ND (6000)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (690)	ND (650)	ND (3700)	ND (410)	ND (6000)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (690)	ND (3200)	ND (3700)	ND (410)	ND (6000)
Aroclor-1254 (PCB-1254)	µg/kg	-	5800	39000	23000	2600	4000 J
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (690)	ND (3200)	ND (3700)	500	ND (6000)
Total PCBs	µg/kg	-	5800	39000	23000	3100	4000
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 12 (SE Corner)*	*Bldg.39-Grid 12 (SW Corner)*	*Bldg.39-Grid 13*	*Bldg.39-Grid 13*	*Bldg.39-Grid 13*
Sample ID:			*S-111703-SW-024*	*S-111703-SW-025*	*S-JSH-310*	*S-JSH-394*	*S-2939-4-16-03-SW-103*
Sample Date:			*11/17/2003*	*11/17/2003*	*6/21/2000*	*6/29/2000*	*4/16/2003*
Sample Depth:			*1.5 ft*	*1.5 ft*	*0-0.2 ft BGS*	*0.2-0.4 ft BGS*	*-*
Parameter	*Units*	*RUSCO Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	-	89.7	82	-
Total volatile solids	%	-	-	-	-	-	-

Notes:

greater than the Instrument Detection Limits.
D - Compounds at secondary dilution factor.
(Inorganics).
E - Exceed calibration range of GC/MS instrument (Organics).
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
R - Rejected.
S - Value determined by the method of standard Addition.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
X - Result may have been masked by the positive detection of another Aroclor.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 13 (Center)*	*Bldg.39-Grid 13 (SE Corner)*	*Bldg.39-Grid 13 (SW Corner)*	*Bldg.39-Grid 14*	*Bldg.39-Grid 14*
Sample ID:			*S-34084-102903-SW-005*	*S-111703-SW-026*	*S-111703-SW-027*	*S-JSH-311*	*S-2939-4-16-03-SW-102*
Sample Date:			*10/29/2003*	*11/17/2003*	*11/17/2003*	*6/21/2000*	*4/16/2003*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*0-0.2 ft BGS*	*-*
Parameter	*Units*	*RUSCO Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 13 (Center)*	*Bldg.39-Grid 13 (SE Corner)*	*Bldg.39-Grid 13 (SW Corner)*	*Bldg.39-Grid 14*	*Bldg.39-Grid 14*
Sample ID:			*S-34084-102903-SW-005*	*S-111703-SW-026*	*S-111703-SW-027*	*S-JSH-311*	*S-2939-4-16-03-SW-102*
Sample Date:			*10/29/2003*	*11/17/2003*	*11/17/2003*	*6/21/2000*	*4/16/2003*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*0-0.2 ft BGS*	*-*
Parameter	*Units*	*RUSCO Criteria*					
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 13 (Center)*	*Bldg.39-Grid 13 (SE Corner)*	*Bldg.39-Grid 13 (SW Corner)*	*Bldg.39-Grid 14*	*Bldg.39-Grid 14*
Sample ID:			*S-34084-102903-SW-005*	*S-111703-SW-026*	*S-111703-SW-027*	*S-JSH-311*	*S-2939-4-16-03-SW-102*
Sample Date:			*10/29/2003*	*11/17/2003*	*11/17/2003*	*6/21/2000*	*4/16/2003*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*0-0.2 ft BGS*	*-*
Parameter	*Units*	*RUSCO Criteria*					
3-Nitroaniline	µg/kg	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 13 (Center)*	*Bldg.39-Grid 13 (SE Corner)*	*Bldg.39-Grid 13 (SW Corner)*	*Bldg.39-Grid 14*	*Bldg.39-Grid 14*
Sample ID:			*S-34084-102903-SW-005*	*S-111703-SW-026*	*S-111703-SW-027*	*S-JSH-311*	*S-2939-4-16-03-SW-102*
Sample Date:			*10/29/2003*	*11/17/2003*	*11/17/2003*	*6/21/2000*	*4/16/2003*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*0-0.2 ft BGS*	*-*
Parameter	*Units*	*RUSCO Criteria*					
Fluorene	µg/kg	1000000	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-
Metals							
Aluminum	µg/kg	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 13 (Center)*	*Bldg.39-Grid 13 (SE Corner)*	*Bldg.39-Grid 13 (SW Corner)*	*Bldg.39-Grid 14*	*Bldg.39-Grid 14*
Sample ID:			*S-34084-102903-SW-005*	*S-111703-SW-026*	*S-111703-SW-027*	*S-JSH-311*	*S-2939-4-16-03-SW-102*
Sample Date:			*10/29/2003*	*11/17/2003*	*11/17/2003*	*6/21/2000*	*4/16/2003*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*0-0.2 ft BGS*	*-*
Parameter	*Units*	*RUSCO Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (670)	ND (690)	ND (630)	ND (3700)	ND (5800)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (670)	ND (690)	ND (630)	ND (7400)	ND (12000)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (670)	ND (690)	ND (630)	ND (3700)	ND (5800)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (670)	ND (690)	ND (630)	ND (3700)	ND (5800)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (670)	ND (690)	ND (630)	ND (3700)	ND (5800)
Aroclor-1254 (PCB-1254)	µg/kg	-	5900	6900	3400	38000	21000
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (670)	ND (690) UJ	ND (630)	6300	ND (5800)
Total PCBs	µg/kg	-	5900	6900	3400	44300	21000
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 13 (Center)*	*Bldg.39-Grid 13 (SE Corner)*	*Bldg.39-Grid 13 (SW Corner)*	*Bldg.39-Grid 14*	*Bldg.39-Grid 14*
Sample ID:			*S-34084-102903-SW-005*	*S-111703-SW-026*	*S-111703-SW-027*	*S-JSH-311*	*S-2939-4-16-03-SW-102*
Sample Date:			*10/29/2003*	*11/17/2003*	*11/17/2003*	*6/21/2000*	*4/16/2003*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*0-0.2 ft BGS*	*-*
Parameter	*Units*	*RUSCO Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	-	-	90.3	-
Total volatile solids	%	-	-	-	-	-	-

Notes:

greater than the Instrument Detection Limits.
D - Compounds at secondary dilution factor.
(Inorganics).
E - Exceed calibration range of GC/MS instrument (Organics).
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
R - Rejected.
S - Value determined by the method of standard Addition.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
X - Result may have been masked by the positive detection of another Aroclor.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 14 (Center)*	*Bldg.39-Grid 14 (Center)*	*Bldg.39-Grid 14 (NE Corner)*	*Bldg.39-Grid 14 (NW Corner)*
Sample ID:			*S-34084-102903-SW-008*	*S-34084-102903-SW-009*	*S-34084-102903-SW-006*	*S-34084-102903-SW-007*
Sample Date:			*10/29/2003*	*10/29/2003*	*10/29/2003*	*10/29/2003*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*1.5 ft*
		RUSCO		*Duplicate*		
Parameter	*Units*	*Criteria*				
Volatiles						
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 14 (Center)*	*Bldg.39-Grid 14 (Center)*	*Bldg.39-Grid 14 (NE Corner)*	*Bldg.39-Grid 14 (NW Corner)*
Sample ID:			*S-34084-102903-SW-008*	*S-34084-102903-SW-009*	*S-34084-102903-SW-006*	*S-34084-102903-SW-007*
Sample Date:			*10/29/2003*	*10/29/2003*	*10/29/2003*	*10/29/2003*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*1.5 ft*
		RUSCO		*Duplicate*		
Parameter	*Units*	*Criteria*				
Methyl acetate	µg/kg	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 14 (Center)*	*Bldg.39-Grid 14 (Center)*	*Bldg.39-Grid 14 (NE Corner)*	*Bldg.39-Grid 14 (NW Corner)*
Sample ID:			*S-34084-102903-SW-008*	*S-34084-102903-SW-009*	*S-34084-102903-SW-006*	*S-34084-102903-SW-007*
Sample Date:			*10/29/2003*	*10/29/2003*	*10/29/2003*	*10/29/2003*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*1.5 ft*
		RUSCO		*Duplicate*		
Parameter	*Units*	*Criteria*				
3-Nitroaniline	µg/kg	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 14 (Center)*	*Bldg.39-Grid 14 (Center)*	*Bldg.39-Grid 14 (NE Corner)*	*Bldg.39-Grid 14 (NW Corner)*
Sample ID:			*S-34084-102903-SW-008*	*S-34084-102903-SW-009*	*S-34084-102903-SW-006*	*S-34084-102903-SW-007*
Sample Date:			*10/29/2003*	*10/29/2003*	*10/29/2003*	*10/29/2003*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*1.5 ft*
		RUSCO		*Duplicate*		
Parameter	*Units*	*Criteria*				
Fluorene	µg/kg	1000000	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-
Metals						
Aluminum	µg/kg	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-
Calcium	µg/kg	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-
Iron	µg/kg	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-
Potassium	µg/kg	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-
Sodium	µg/kg	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 14 (Center)*	*Bldg.39-Grid 14 (Center)*	*Bldg.39-Grid 14 (NE Corner)*	*Bldg.39-Grid 14 (NW Corner)*
Sample ID:			*S-34084-102903-SW-008*	*S-34084-102903-SW-009*	*S-34084-102903-SW-006*	*S-34084-102903-SW-007*
Sample Date:			*10/29/2003*	*10/29/2003*	*10/29/2003*	*10/29/2003*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*1.5 ft*
		RUSCO		*Duplicate*		
Parameter	*Units*	*Criteria*				
PCBs						
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (630)	ND (630)	ND (600)	ND (650)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (630)	ND (630)	ND (600)	ND (650)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (630)	ND (630)	ND (600)	ND (650)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (630)	ND (630)	ND (600)	ND (650)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (630)	ND (630)	ND (600)	ND (650)
Aroclor-1254 (PCB-1254)	µg/kg	-	1500	3400	1600	460 J
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (630)	ND (630)	ND (600)	ND (650)
Total PCBs	µg/kg	-	1500	3400	1600	460
Pesticides						
4,4'-DDD	µg/kg	180000	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-
Petroleum Hydrocarbons						
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 14 (Center)*	*Bldg.39-Grid 14 (Center)*	*Bldg.39-Grid 14 (NE Corner)*	*Bldg.39-Grid 14 (NW Corner)*
Sample ID:			*S-34084-102903-SW-008*	*S-34084-102903-SW-009*	*S-34084-102903-SW-006*	*S-34084-102903-SW-007*
Sample Date:			*10/29/2003*	*10/29/2003*	*10/29/2003*	*10/29/2003*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*1.5 ft*
		RUSCO		*Duplicate*		
Parameter	*Units*	*Criteria*				
General Chemistry						
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-
Percent moisture	%	-	-	-	-	-
pH	s.u.	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-
Total solids	%	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-

Notes:

greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

(Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 14 (SE Corner)*	*Bldg.39-Grid 14 (SW Corner)*	*Bldg.39-Grid 15*	*Bldg.39-Grid 15*	*Bldg.39-Grid 15 (NE Subgrid)*
Sample ID:			*S-34084-102903-SW-010*	*S-34084-102903-SW-011*	*S-JSH-312*	*S-2939-4-17-03-SW-109*	*S-2939-4-17-03-SW-105*
Sample Date:			*10/29/2003*	*10/29/2003*	*6/21/2000*	*4/17/2003*	*4/17/2003*
Sample Depth:			*1.5 ft*	*1.5 ft*	*0-0.2 ft BGS*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 14 (SE Corner)*	*Bldg.39-Grid 14 (SW Corner)*	*Bldg.39-Grid 15*	*Bldg.39-Grid 15*	*Bldg.39-Grid 15 (NE Subgrid)*
Sample ID:			*S-34084-102903-SW-010*	*S-34084-102903-SW-011*	*S-JSH-312*	*S-2939-4-17-03-SW-109*	*S-2939-4-17-03-SW-105*
Sample Date:			*10/29/2003*	*10/29/2003*	*6/21/2000*	*4/17/2003*	*4/17/2003*
Sample Depth:			*1.5 ft*	*1.5 ft*	*0-0.2 ft BGS*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 14 (SE Corner)*	*Bldg.39-Grid 14 (SW Corner)*	*Bldg.39-Grid 15*	*Bldg.39-Grid 15*	*Bldg.39-Grid 15 (NE Subgrid)*
Sample ID:			*S-34084-102903-SW-010*	*S-34084-102903-SW-011*	*S-JSH-312*	*S-2939-4-17-03-SW-109*	*S-2939-4-17-03-SW-105*
Sample Date:			*10/29/2003*	*10/29/2003*	*6/21/2000*	*4/17/2003*	*4/17/2003*
Sample Depth:			*1.5 ft*	*1.5 ft*	*0-0.2 ft BGS*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
3-Nitroaniline	µg/kg	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 14 (SE Corner)*	*Bldg.39-Grid 14 (SW Corner)*	*Bldg.39-Grid 15*	*Bldg.39-Grid 15*	*Bldg.39-Grid 15 (NE Subgrid)*
Sample ID:			*S-34084-102903-SW-010*	*S-34084-102903-SW-011*	*S-JSH-312*	*S-2939-4-17-03-SW-109*	*S-2939-4-17-03-SW-105*
Sample Date:			*10/29/2003*	*10/29/2003*	*6/21/2000*	*4/17/2003*	*4/17/2003*
Sample Depth:			*1.5 ft*	*1.5 ft*	*0-0.2 ft BGS*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
Fluorene	µg/kg	1000000	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-
Metals							
Aluminum	µg/kg	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 14 (SE Corner)*	*Bldg.39-Grid 14 (SW Corner)*	*Bldg.39-Grid 15*	*Bldg.39-Grid 15*	*Bldg.39-Grid 15 (NE Subgrid)*
Sample ID:			*S-34084-102903-SW-010*	*S-34084-102903-SW-011*	*S-JSH-312*	*S-2939-4-17-03-SW-109*	*S-2939-4-17-03-SW-105*
Sample Date:			*10/29/2003*	*10/29/2003*	*6/21/2000*	*4/17/2003*	*4/17/2003*
Sample Depth:			*1.5 ft*	*1.5 ft*	*0-0.2 ft BGS*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (720)	ND (700)	ND (3600)	-	ND (5800)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (720)	ND (700)	ND (7300)	-	ND (12000)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (720)	ND (700)	ND (3600)	-	ND (5800)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (720)	ND (700)	ND (3600)	-	ND (5800)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (720)	ND (700)	ND (3600)	-	ND (5800)
Aroclor-1254 (PCB-1254)	µg/kg	-	3600	1300	40000	-	ND (5800)
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (720)	ND (700)	12000	-	ND (5800)
Total PCBs	µg/kg	-	3600	1300	52000	-	ND
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	ND (230)	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	450000	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 14 (SE Corner)*	*Bldg.39-Grid 14 (SW Corner)*	*Bldg.39-Grid 15*	*Bldg.39-Grid 15*	*Bldg.39-Grid 15 (NE Subgrid)*
Sample ID:			*S-34084-102903-SW-010*	*S-34084-102903-SW-011*	*S-JSH-312*	*S-2939-4-17-03-SW-109*	*S-2939-4-17-03-SW-105*
Sample Date:			*10/29/2003*	*10/29/2003*	*6/21/2000*	*4/17/2003*	*4/17/2003*
Sample Depth:			*1.5 ft*	*1.5 ft*	*0-0.2 ft BGS*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	ND (287000)	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	ND (5740)	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	1140000	-
Percent moisture	%	-	-	-	-	12.9	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	8.8	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	-	91.7	87.1	-
Total volatile solids	%	-	-	-	-	3.9	-

Notes:

greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

(Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 15 (NW Subgrid)*	*Bldg.39-Grid 15 (SE Subgrid)*	*Bldg.39-Grid 15 (SW Subgrid)*	*Bldg.39-Grid 16*	*Bldg.39-Grid 16*
Sample ID:			*S-2939-4-17-03-SW-106*	*S-2939-4-17-03-SW-108*	*S-2939-4-17-03-SW-107*	*S-JSH-313*	*S-JSH-314*
Sample Date:			*4/17/2003*	*4/17/2003*	*4/17/2003*	*6/21/2000*	*6/21/2000*
Sample Depth:			*-*	*-*	*-*	*0-0.2 ft BGS*	*0-0.2 ft BGS*
		RUSCO					*Duplicate*
Parameter	*Units*	*Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 15 (NW Subgrid)*	*Bldg.39-Grid 15 (SE Subgrid)*	*Bldg.39-Grid 15 (SW Subgrid)*	*Bldg.39-Grid 16*	*Bldg.39-Grid 16*
Sample ID:			*S-2939-4-17-03-SW-106*	*S-2939-4-17-03-SW-108*	*S-2939-4-17-03-SW-107*	*S-JSH-313*	*S-JSH-314*
Sample Date:			*4/17/2003*	*4/17/2003*	*4/17/2003*	*6/21/2000*	*6/21/2000*
Sample Depth:			*-*	*-*	*-*	*0-0.2 ft BGS*	*0-0.2 ft BGS*
		RUSCO					*Duplicate*
Parameter	*Units*	*Criteria*					
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 15 (NW Subgrid)*	*Bldg.39-Grid 15 (SE Subgrid)*	*Bldg.39-Grid 15 (SW Subgrid)*	*Bldg.39-Grid 16*	*Bldg.39-Grid 16*
Sample ID:			*S-2939-4-17-03-SW-106*	*S-2939-4-17-03-SW-108*	*S-2939-4-17-03-SW-107*	*S-JSH-313*	*S-JSH-314*
Sample Date:			*4/17/2003*	*4/17/2003*	*4/17/2003*	*6/21/2000*	*6/21/2000*
Sample Depth:			*-*	*-*	*-*	*0-0.2 ft BGS*	*0-0.2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					*Duplicate*
3-Nitroaniline	µg/kg	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 15 (NW Subgrid)*	*Bldg.39-Grid 15 (SE Subgrid)*	*Bldg.39-Grid 15 (SW Subgrid)*	*Bldg.39-Grid 16*	*Bldg.39-Grid 16*
Sample ID:			*S-2939-4-17-03-SW-106*	*S-2939-4-17-03-SW-108*	*S-2939-4-17-03-SW-107*	*S-JSH-313*	*S-JSH-314*
Sample Date:			*4/17/2003*	*4/17/2003*	*4/17/2003*	*6/21/2000*	*6/21/2000*
Sample Depth:			*-*	*-*	*-*	*0-0.2 ft BGS*	*0-0.2 ft BGS*
		RUSCO					*Duplicate*
Parameter	*Units*	*Criteria*					
Fluorene	µg/kg	1000000	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-
Metals							
Aluminum	µg/kg	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 15 (NW Subgrid)*	*Bldg.39-Grid 15 (SE Subgrid)*	*Bldg.39-Grid 15 (SW Subgrid)*	*Bldg.39-Grid 16*	*Bldg.39-Grid 16*
Sample ID:			*S-2939-4-17-03-SW-106*	*S-2939-4-17-03-SW-108*	*S-2939-4-17-03-SW-107*	*S-JSH-313*	*S-JSH-314*
Sample Date:			*4/17/2003*	*4/17/2003*	*4/17/2003*	*6/21/2000*	*6/21/2000*
Sample Depth:			*-*	*-*	*-*	*0-0.2 ft BGS*	*0-0.2 ft BGS*
		RUSCO					*Duplicate*
Parameter	*Units*	*Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (6100)	ND (5600)	ND (5700)	ND (3600)	ND (3500)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (12000)	ND (11000)	ND (11000)	ND (7300)	ND (7100)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (6100)	ND (5600)	ND (5700)	ND (3600)	ND (3500)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (6100)	ND (5600)	ND (5700)	ND (3600)	ND (3500)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (6100)	ND (5600)	ND (5700)	ND (3600)	ND (3500)
Aroclor-1254 (PCB-1254)	µg/kg	-	3000 J	ND (5600)	4000 J	45000	58000
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (6100)	ND (5600)	ND (5700)	8100	10000
Total PCBs	µg/kg	-	3000	ND	4000	53100	68000
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 15 (NW Subgrid)*	*Bldg.39-Grid 15 (SE Subgrid)*	*Bldg.39-Grid 15 (SW Subgrid)*	*Bldg.39-Grid 16*	*Bldg.39-Grid 16*
Sample ID:			*S-2939-4-17-03-SW-106*	*S-2939-4-17-03-SW-108*	*S-2939-4-17-03-SW-107*	*S-JSH-313*	*S-JSH-314*
Sample Date:			*4/17/2003*	*4/17/2003*	*4/17/2003*	*6/21/2000*	*6/21/2000*
Sample Depth:			*-*	*-*	*-*	*0-0.2 ft BGS*	*0-0.2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					*Duplicate*
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	-	-	91.2	94
Total volatile solids	%	-	-	-	-	-	-

Notes:

greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

(Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 16*	*Bldg.39-Grid 16*	*Bldg.39-Grid 16 (NE Subgrid)*	*Bldg.39-Grid 16 (NW Subgrid)*	*Bldg.39-Grid 16 (SE Subgrid)*
Sample ID:			*S-JSH-301*	*S-2939-4-17-03-SW-114*	*S-2939-4-17-03-SW-110*	*S-2939-4-17-03-SW-113*	*S-2939-4-17-03-SW-111*
Sample Date:			*6/21/2000*	*4/17/2003*	*4/17/2003*	*4/17/2003*	*4/17/2003*
Sample Depth:			*1.3-1.8 ft BGS*	*-*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 16*	*Bldg.39-Grid 16*	*Bldg.39-Grid 16 (NE Subgrid)*	*Bldg.39-Grid 16 (NW Subgrid)*	*Bldg.39-Grid 16 (SE Subgrid)*
Sample ID:			*S-JSH-301*	*S-2939-4-17-03-SW-114*	*S-2939-4-17-03-SW-110*	*S-2939-4-17-03-SW-113*	*S-2939-4-17-03-SW-111*
Sample Date:			*6/21/2000*	*4/17/2003*	*4/17/2003*	*4/17/2003*	*4/17/2003*
Sample Depth:			*1.3-1.8 ft BGS*	*-*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 16*	*Bldg.39-Grid 16*	*Bldg.39-Grid 16 (NE Subgrid)*	*Bldg.39-Grid 16 (NW Subgrid)*	*Bldg.39-Grid 16 (SE Subgrid)*
Sample ID:			*S-JSH-301*	*S-2939-4-17-03-SW-114*	*S-2939-4-17-03-SW-110*	*S-2939-4-17-03-SW-113*	*S-2939-4-17-03-SW-111*
Sample Date:			*6/21/2000*	*4/17/2003*	*4/17/2003*	*4/17/2003*	*4/17/2003*
Sample Depth:			*1.3-1.8 ft BGS*	*-*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
3-Nitroaniline	µg/kg	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 16*	*Bldg.39-Grid 16*	*Bldg.39-Grid 16 (NE Subgrid)*	*Bldg.39-Grid 16 (NW Subgrid)*	*Bldg.39-Grid 16 (SE Subgrid)*
Sample ID:			*S-JSH-301*	*S-2939-4-17-03-SW-114*	*S-2939-4-17-03-SW-110*	*S-2939-4-17-03-SW-113*	*S-2939-4-17-03-SW-111*
Sample Date:			*6/21/2000*	*4/17/2003*	*4/17/2003*	*4/17/2003*	*4/17/2003*
Sample Depth:			*1.3-1.8 ft BGS*	*-*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
Fluorene	µg/kg	1000000	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-
Metals							
Aluminum	µg/kg	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 16*	*Bldg.39-Grid 16*	*Bldg.39-Grid 16 (NE Subgrid)*	*Bldg.39-Grid 16 (NW Subgrid)*	*Bldg.39-Grid 16 (SE Subgrid)*
Sample ID:			*S-JSH-301*	*S-2939-4-17-03-SW-114*	*S-2939-4-17-03-SW-110*	*S-2939-4-17-03-SW-113*	*S-2939-4-17-03-SW-111*
Sample Date:			*6/21/2000*	*4/17/2003*	*4/17/2003*	*4/17/2003*	*4/17/2003*
Sample Depth:			*1.3-1.8 ft BGS*	*-*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (420)	-	ND (5800)	ND (5800)	ND (5800)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (830)	-	ND (12000)	ND (12000)	ND (12000)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (420)	-	ND (5800)	ND (5800)	ND (5800)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (420)	-	ND (5800)	ND (5800)	ND (5800)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (420)	-	ND (5800)	ND (5800)	ND (5800)
Aroclor-1254 (PCB-1254)	µg/kg	-	1700	-	ND (5800)	ND (5800)	5000 J
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (420)	-	ND (5800)	ND (5800)	ND (5800)
Total PCBs	µg/kg	-	1700	-	ND	ND	5000
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	ND (230)	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	590000	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 16*	*Bldg.39-Grid 16*	*Bldg.39-Grid 16 (NE Subgrid)*	*Bldg.39-Grid 16 (NW Subgrid)*	*Bldg.39-Grid 16 (SE Subgrid)*
Sample ID:			*S-JSH-301*	*S-2939-4-17-03-SW-114*	*S-2939-4-17-03-SW-110*	*S-2939-4-17-03-SW-113*	*S-2939-4-17-03-SW-111*
Sample Date:			*6/21/2000*	*4/17/2003*	*4/17/2003*	*4/17/2003*	*4/17/2003*
Sample Depth:			*1.3-1.8 ft BGS*	*-*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	ND (292000)	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
Nitrogen	µg/kg	-	-	ND (5840)	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	377000	-	-	-
Percent moisture	%	-	-	14.4	-	-	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	9.4	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	79.9	85.6	-	-	-
Total volatile solids	%	-	-	4.4	-	-	-

Notes:

greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

(Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 16 (SW Subgrid)*	*Bldg.39-Grid 17*	*Bldg.39-Grid 17*	*Bldg.39-Grid 17 (NE Subgrid)*	*Bldg.39-Grid 17 (NW Subgrid)*
Sample ID:			*S-2939-4-17-03-SW-112*	*S-JSH-315*	*S-2939-4-21-03-SW-119*	*S-2939-4-21-03-SW-115*	*S-2939-4-21-03-SW-118*
Sample Date:			*4/17/2003*	*6/22/2000*	*4/21/2003*	*4/21/2003*	*4/21/2003*
Sample Depth:			*-*	*0-0.2 ft BGS*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 16 (SW Subgrid)*	*Bldg.39-Grid 17*	*Bldg.39-Grid 17*	*Bldg.39-Grid 17 (NE Subgrid)*	*Bldg.39-Grid 17 (NW Subgrid)*
Sample ID:			*S-2939-4-17-03-SW-112*	*S-JSH-315*	*S-2939-4-21-03-SW-119*	*S-2939-4-21-03-SW-115*	*S-2939-4-21-03-SW-118*
Sample Date:			*4/17/2003*	*6/22/2000*	*4/21/2003*	*4/21/2003*	*4/21/2003*
Sample Depth:			*-*	*0-0.2 ft BGS*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 16 (SW Subgrid)*	*Bldg.39-Grid 17*	*Bldg.39-Grid 17*	*Bldg.39-Grid 17 (NE Subgrid)*	*Bldg.39-Grid 17 (NW Subgrid)*
Sample ID:			*S-2939-4-17-03-SW-112*	*S-JSH-315*	*S-2939-4-21-03-SW-119*	*S-2939-4-21-03-SW-115*	*S-2939-4-21-03-SW-118*
Sample Date:			*4/17/2003*	*6/22/2000*	*4/21/2003*	*4/21/2003*	*4/21/2003*
Sample Depth:			*-*	*0-0.2 ft BGS*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
3-Nitroaniline	µg/kg	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 16 (SW Subgrid)*	*Bldg.39-Grid 17*	*Bldg.39-Grid 17*	*Bldg.39-Grid 17 (NE Subgrid)*	*Bldg.39-Grid 17 (NW Subgrid)*
Sample ID:			*S-2939-4-17-03-SW-112*	*S-JSH-315*	*S-2939-4-21-03-SW-119*	*S-2939-4-21-03-SW-115*	*S-2939-4-21-03-SW-118*
Sample Date:			*4/17/2003*	*6/22/2000*	*4/21/2003*	*4/21/2003*	*4/21/2003*
Sample Depth:			*-*	*0-0.2 ft BGS*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
Fluorene	µg/kg	1000000	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-
Metals							
Aluminum	µg/kg	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 16 (SW Subgrid)*	*Bldg.39-Grid 17*	*Bldg.39-Grid 17*	*Bldg.39-Grid 17 (NE Subgrid)*	*Bldg.39-Grid 17 (NW Subgrid)*
Sample ID:			*S-2939-4-17-03-SW-112*	*S-JSH-315*	*S-2939-4-21-03-SW-119*	*S-2939-4-21-03-SW-115*	*S-2939-4-21-03-SW-118*
Sample Date:			*4/17/2003*	*6/22/2000*	*4/21/2003*	*4/21/2003*	*4/21/2003*
Sample Depth:			*-*	*0-0.2 ft BGS*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (6000)	ND (4000)	-	ND (6300)	ND (6100)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (12000)	ND (7900)	-	ND (13000)	ND (12000)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (6000)	ND (4000)	-	ND (6300)	ND (6100)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (6000)	ND (4000)	-	ND (6300)	ND (6100)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (6000)	ND (4000)	-	ND (6300)	ND (6100)
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (6000)	38000	-	17000	4000 J
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (6000)	8800	-	ND (6300)	ND (6100)
Total PCBs	µg/kg	-	ND	46800	-	17000	4000
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	ND (240)	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	670000	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 16 (SW Subgrid)*	*Bldg.39-Grid 17*	*Bldg.39-Grid 17*	*Bldg.39-Grid 17 (NE Subgrid)*	*Bldg.39-Grid 17 (NW Subgrid)*
Sample ID:			*S-2939-4-17-03-SW-112*	*S-JSH-315*	*S-2939-4-21-03-SW-119*	*S-2939-4-21-03-SW-115*	*S-2939-4-21-03-SW-118*
Sample Date:			*4/17/2003*	*6/22/2000*	*4/21/2003*	*4/21/2003*	*4/21/2003*
Sample Depth:			*-*	*0-0.2 ft BGS*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	ND (303000)	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	ND (6060)	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	255000	-	-
Percent moisture	%	-	-	-	17.5	-	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	8.6	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	84.3	82.5	-	-
Total volatile solids	%	-	-	-	3.9	-	-

Notes:

greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

(Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 17 (SE Subgrid)*	*Bldg.39-Grid 17 (SW Subgrid)*	*Bldg.39-Grid 18*	*Bldg.39-Grid 18*	*Bldg.39-Grid 18, 20*
Sample ID:			*S-2939-4-21-03-SW-116*	*S-2939-4-21-03-SW-117*	*S-JSH-316*	*S-2939-4-21-03-SW-126*	*S-2939-4-21-03-SW-127*
Sample Date:			*4/21/2003*	*4/21/2003*	*6/22/2000*	*4/21/2003*	*4/21/2003*
Sample Depth:			*-*	*-*	*0-0.2 ft BGS*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 17 (SE Subgrid)*	*Bldg.39-Grid 17 (SW Subgrid)*	*Bldg.39-Grid 18*	*Bldg.39-Grid 18*	*Bldg.39-Grid 18, 20*
Sample ID:			*S-2939-4-21-03-SW-116*	*S-2939-4-21-03-SW-117*	*S-JSH-316*	*S-2939-4-21-03-SW-126*	*S-2939-4-21-03-SW-127*
Sample Date:			*4/21/2003*	*4/21/2003*	*6/22/2000*	*4/21/2003*	*4/21/2003*
Sample Depth:			*-*	*-*	*0-0.2 ft BGS*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 17 (SE Subgrid)*	*Bldg.39-Grid 17 (SW Subgrid)*	*Bldg.39-Grid 18*	*Bldg.39-Grid 18*	*Bldg.39-Grid 18, 20*
Sample ID:			*S-2939-4-21-03-SW-116*	*S-2939-4-21-03-SW-117*	*S-JSH-316*	*S-2939-4-21-03-SW-126*	*S-2939-4-21-03-SW-127*
Sample Date:			*4/21/2003*	*4/21/2003*	*6/22/2000*	*4/21/2003*	*4/21/2003*
Sample Depth:			*-*	*-*	*0-0.2 ft BGS*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
3-Nitroaniline	µg/kg	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 17 (SE Subgrid)*	*Bldg.39-Grid 17 (SW Subgrid)*	*Bldg.39-Grid 18*	*Bldg.39-Grid 18*	*Bldg.39-Grid 18, 20*
Sample ID:			*S-2939-4-21-03-SW-116*	*S-2939-4-21-03-SW-117*	*S-JSH-316*	*S-2939-4-21-03-SW-126*	*S-2939-4-21-03-SW-127*
Sample Date:			*4/21/2003*	*4/21/2003*	*6/22/2000*	*4/21/2003*	*4/21/2003*
Sample Depth:			*-*	*-*	*0-0.2 ft BGS*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
Fluorene	µg/kg	1000000	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-
Metals							
Aluminum	µg/kg	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 17 (SE Subgrid)*	*Bldg.39-Grid 17 (SW Subgrid)*	*Bldg.39-Grid 18*	*Bldg.39-Grid 18*	*Bldg.39-Grid 18, 20*
Sample ID:			*S-2939-4-21-03-SW-116*	*S-2939-4-21-03-SW-117*	*S-JSH-316*	*S-2939-4-21-03-SW-126*	*S-2939-4-21-03-SW-127*
Sample Date:			*4/21/2003*	*4/21/2003*	*6/22/2000*	*4/21/2003*	*4/21/2003*
Sample Depth:			*-*	*-*	*0-0.2 ft BGS*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (5800)	ND (6100)	ND (4000)	ND (5700)	-
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (12000)	ND (12000)	ND (8100)	ND (11000)	-
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (5800)	ND (6100)	ND (4000)	ND (5700)	-
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (5800)	ND (6100)	ND (4000)	ND (5700)	-
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (5800)	ND (6100)	ND (4000)	ND (5700)	-
Aroclor-1254 (PCB-1254)	µg/kg	-	3000 J	4000 J	49000	8700	-
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (5800)	ND (6100)	8700	ND (5700)	-
Total PCBs	µg/kg	-	3000	4000	57700	8700	-
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	430
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	480000
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 17 (SE Subgrid)*	*Bldg.39-Grid 17 (SW Subgrid)*	*Bldg.39-Grid 18*	*Bldg.39-Grid 18*	*Bldg.39-Grid 18, 20*
Sample ID:			*S-2939-4-21-03-SW-116*	*S-2939-4-21-03-SW-117*	*S-JSH-316*	*S-2939-4-21-03-SW-126*	*S-2939-4-21-03-SW-127*
Sample Date:			*4/21/2003*	*4/21/2003*	*6/22/2000*	*4/21/2003*	*4/21/2003*
Sample Depth:			*-*	*-*	*0-0.2 ft BGS*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	ND (278000)
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	ND (5570)
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	163000
Percent moisture	%	-	-	-	-	-	10.2
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	10.6
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	-	82.3	-	89.8
Total volatile solids	%	-	-	-	-	-	2.6

Notes:

greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

(Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 19*	*Bldg.39-Grid 19*	*Bldg.39-Grid 19 (NE Subgrid)*	*Bldg.39-Grid 19 (NW Subgrid)*	*Bldg.39-Grid 19 (SE Subgrid)*
Sample ID:			*S-JSH-317*	*S-2939-4-21-03-SW-124*	*S-2939-4-21-03-SW-120*	*S-2939-4-21-03-SW-122*	*S-2939-042103-SW-121*
Sample Date:			*6/22/2000*	*4/21/2003*	*4/21/2003*	*4/21/2003*	*4/21/2003*
Sample Depth:			*0-0.2 ft BGS*	*-*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 19*	*Bldg.39-Grid 19*	*Bldg.39-Grid 19 (NE Subgrid)*	*Bldg.39-Grid 19 (NW Subgrid)*	*Bldg.39-Grid 19 (SE Subgrid)*
Sample ID:			*S-JSH-317*	*S-2939-4-21-03-SW-124*	*S-2939-4-21-03-SW-120*	*S-2939-4-21-03-SW-122*	*S-2939-042103-SW-121*
Sample Date:			*6/22/2000*	*4/21/2003*	*4/21/2003*	*4/21/2003*	*4/21/2003*
Sample Depth:			*0-0.2 ft BGS*	*-*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 19*	*Bldg.39-Grid 19*	*Bldg.39-Grid 19 (NE Subgrid)*	*Bldg.39-Grid 19 (NW Subgrid)*	*Bldg.39-Grid 19 (SE Subgrid)*
Sample ID:			*S-JSH-317*	*S-2939-4-21-03-SW-124*	*S-2939-4-21-03-SW-120*	*S-2939-4-21-03-SW-122*	*S-2939-042103-SW-121*
Sample Date:			*6/22/2000*	*4/21/2003*	*4/21/2003*	*4/21/2003*	*4/21/2003*
Sample Depth:			*0-0.2 ft BGS*	*-*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
3-Nitroaniline	µg/kg	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 19*	*Bldg.39-Grid 19*	*Bldg.39-Grid 19 (NE Subgrid)*	*Bldg.39-Grid 19 (NW Subgrid)*	*Bldg.39-Grid 19 (SE Subgrid)*
Sample ID:			*S-JSH-317*	*S-2939-4-21-03-SW-124*	*S-2939-4-21-03-SW-120*	*S-2939-4-21-03-SW-122*	*S-2939-042103-SW-121*
Sample Date:			*6/22/2000*	*4/21/2003*	*4/21/2003*	*4/21/2003*	*4/21/2003*
Sample Depth:			*0-0.2 ft BGS*	*-*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
Fluorene	µg/kg	1000000	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-
Metals							
Aluminum	µg/kg	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 19*	*Bldg.39-Grid 19*	*Bldg.39-Grid 19 (NE Subgrid)*	*Bldg.39-Grid 19 (NW Subgrid)*	*Bldg.39-Grid 19 (SE Subgrid)*
Sample ID:			*S-JSH-317*	*S-2939-4-21-03-SW-124*	*S-2939-4-21-03-SW-120*	*S-2939-4-21-03-SW-122*	*S-2939-042103-SW-121*
Sample Date:			*6/22/2000*	*4/21/2003*	*4/21/2003*	*4/21/2003*	*4/21/2003*
Sample Depth:			*0-0.2 ft BGS*	*-*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (39000)	-	ND (5800)	ND (30000)	ND (5600)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (78000)	-	ND (12000)	ND (59000)	ND (11000)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (39000)	-	ND (5800)	ND (30000)	ND (5600)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (39000)	-	ND (5800)	ND (30000)	ND (5600)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (39000)	-	ND (5800)	ND (30000)	ND (5600)
Aroclor-1254 (PCB-1254)	µg/kg	-	180000	-	4000 J	380000	ND (5600)
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (39000)	-	ND (5800)	ND (30000)	ND (5600)
Total PCBs	µg/kg	-	180000	-	4000	380000	ND
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	ND (230)	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	470000	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 19*	*Bldg.39-Grid 19*	*Bldg.39-Grid 19 (NE Subgrid)*	*Bldg.39-Grid 19 (NW Subgrid)*	*Bldg.39-Grid 19 (SE Subgrid)*
Sample ID:			*S-JSH-317*	*S-2939-4-21-03-SW-124*	*S-2939-4-21-03-SW-120*	*S-2939-4-21-03-SW-122*	*S-2939-042103-SW-121*
Sample Date:			*6/22/2000*	*4/21/2003*	*4/21/2003*	*4/21/2003*	*4/21/2003*
Sample Depth:			*0-0.2 ft BGS*	*-*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	ND (292000)	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
Nitrogen	µg/kg	-	-	ND (5830)	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	242000	-	-	-
Percent moisture	%	-	-	14.3	-	-	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	10.6	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	85.7	85.7	-	-	-
Total volatile solids	%	-	-	7.3	-	-	-

Notes:

greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

(Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 19 (SW Subgrid)*	*Bldg.39-Grid 20*	*Bldg.39-Grid 20*	*Bldg.39-Grid 20 (Center)*	*Bldg.39-Grid 20 (NE Corner)*
Sample ID:			*S-2939-4-21-03-SW-123*	*S-JSH-318*	*S-2939-4-21-03-SW-125*	*S-111403-SW-008*	*S-111703-SW-028*
Sample Date:			*4/21/2003*	*6/22/2000*	*4/21/2003*	*11/14/2003*	*11/17/2003*
Sample Depth:			*-*	*0-0.2 ft BGS*	*-*	*1.5 ft*	*1.5 ft*
Parameter	*Units*	*RUSCO Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 19 (SW Subgrid)*	*Bldg.39-Grid 20*	*Bldg.39-Grid 20*	*Bldg.39-Grid 20 (Center)*	*Bldg.39-Grid 20 (NE Corner)*
Sample ID:			*S-2939-4-21-03-SW-123*	*S-JSH-318*	*S-2939-4-21-03-SW-125*	*S-111403-SW-008*	*S-111703-SW-028*
Sample Date:			*4/21/2003*	*6/22/2000*	*4/21/2003*	*11/14/2003*	*11/17/2003*
Sample Depth:			*-*	*0-0.2 ft BGS*	*-*	*1.5 ft*	*1.5 ft*
Parameter	*Units*	*RUSCO Criteria*					
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 19 (SW Subgrid)*	*Bldg.39-Grid 20*	*Bldg.39-Grid 20*	*Bldg.39-Grid 20 (Center)*	*Bldg.39-Grid 20 (NE Corner)*
Sample ID:			*S-2939-4-21-03-SW-123*	*S-JSH-318*	*S-2939-4-21-03-SW-125*	*S-111403-SW-008*	*S-111703-SW-028*
Sample Date:			*4/21/2003*	*6/22/2000*	*4/21/2003*	*11/14/2003*	*11/17/2003*
Sample Depth:			*-*	*0-0.2 ft BGS*	*-*	*1.5 ft*	*1.5 ft*
Parameter	*Units*	*RUSCO Criteria*					
3-Nitroaniline	µg/kg	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 19 (SW Subgrid)*	*Bldg.39-Grid 20*	*Bldg.39-Grid 20*	*Bldg.39-Grid 20 (Center)*	*Bldg.39-Grid 20 (NE Corner)*
Sample ID:			*S-2939-4-21-03-SW-123*	*S-JSH-318*	*S-2939-4-21-03-SW-125*	*S-111403-SW-008*	*S-111703-SW-028*
Sample Date:			*4/21/2003*	*6/22/2000*	*4/21/2003*	*11/14/2003*	*11/17/2003*
Sample Depth:			*-*	*0-0.2 ft BGS*	*-*	*1.5 ft*	*1.5 ft*
Parameter	*Units*	*RUSCO Criteria*					
Fluorene	µg/kg	1000000	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-
Metals							
Aluminum	µg/kg	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 19 (SW Subgrid)*	*Bldg.39-Grid 20*	*Bldg.39-Grid 20*	*Bldg.39-Grid 20 (Center)*	*Bldg.39-Grid 20 (NE Corner)*
Sample ID:			*S-2939-4-21-03-SW-123*	*S-JSH-318*	*S-2939-4-21-03-SW-125*	*S-111403-SW-008*	*S-111703-SW-028*
Sample Date:			*4/21/2003*	*6/22/2000*	*4/21/2003*	*11/14/2003*	*11/17/2003*
Sample Depth:			*-*	*0-0.2 ft BGS*	*-*	*1.5 ft*	*1.5 ft*
Parameter	*Units*	*RUSCO Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (5500)	ND (38000)	ND (5500)	ND (1200)	ND (550)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (11000)	ND (76000)	ND (11000)	ND (1200)	ND (550)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (5500)	ND (38000)	ND (5500)	ND (1200)	ND (550)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (5500)	ND (38000)	ND (5500)	ND (1200)	ND (550)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (5500)	ND (38000)	ND (5500)	ND (1200)	ND (550)
Aroclor-1254 (PCB-1254)	µg/kg	-	19000	72000	76000	14000	3300
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (5500)	ND (38000)	ND (5500)	1700	ND (550)
Total PCBs	µg/kg	-	19000	72000	76000	15700	3300
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 19 (SW Subgrid)*	*Bldg.39-Grid 20*	*Bldg.39-Grid 20*	*Bldg.39-Grid 20 (Center)*	*Bldg.39-Grid 20 (NE Corner)*
Sample ID:			*S-2939-4-21-03-SW-123*	*S-JSH-318*	*S-2939-4-21-03-SW-125*	*S-111403-SW-008*	*S-111703-SW-028*
Sample Date:			*4/21/2003*	*6/22/2000*	*4/21/2003*	*11/14/2003*	*11/17/2003*
Sample Depth:			*-*	*0-0.2 ft BGS*	*-*	*1.5 ft*	*1.5 ft*
Parameter	*Units*	*RUSCO Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	87.2	-	-	-
Total volatile solids	%	-	-	-	-	-	-

Notes:

greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

(Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 20 (NW Corner)*	*Bldg.39-Grid 20 (SE Corner)*	*Bldg.39-Grid 20 (SW Corner)*	*Bldg.53*	*Bldg.56*
Sample ID:			*S-111703-SW-029*	*S-111703-SW-030*	*S-111703-SW-031*	*S-JSH-367*	*S-JSH-368*
Sample Date:			*11/17/2003*	*11/17/2003*	*11/17/2003*	*6/25/2000*	*6/25/2000*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*0-0.2 ft BGS*	*0-0.2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 20 (NW Corner)*	*Bldg.39-Grid 20 (SE Corner)*	*Bldg.39-Grid 20 (SW Corner)*	*Bldg.53*	*Bldg.56*
Sample ID:			*S-111703-SW-029*	*S-111703-SW-030*	*S-111703-SW-031*	*S-JSH-367*	*S-JSH-368*
Sample Date:			*11/17/2003*	*11/17/2003*	*11/17/2003*	*6/25/2000*	*6/25/2000*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*0-0.2 ft BGS*	*0-0.2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 20 (NW Corner)*	*Bldg.39-Grid 20 (SE Corner)*	*Bldg.39-Grid 20 (SW Corner)*	*Bldg.53*	*Bldg.56*
Sample ID:			*S-111703-SW-029*	*S-111703-SW-030*	*S-111703-SW-031*	*S-JSH-367*	*S-JSH-368*
Sample Date:			*11/17/2003*	*11/17/2003*	*11/17/2003*	*6/25/2000*	*6/25/2000*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*0-0.2 ft BGS*	*0-0.2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
3-Nitroaniline	µg/kg	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 20 (NW Corner)*	*Bldg.39-Grid 20 (SE Corner)*	*Bldg.39-Grid 20 (SW Corner)*	*Bldg.53*	*Bldg.56*
Sample ID:			*S-111703-SW-029*	*S-111703-SW-030*	*S-111703-SW-031*	*S-JSH-367*	*S-JSH-368*
Sample Date:			*11/17/2003*	*11/17/2003*	*11/17/2003*	*6/25/2000*	*6/25/2000*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*0-0.2 ft BGS*	*0-0.2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Fluorene	µg/kg	1000000	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-
Metals							
Aluminum	µg/kg	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 20 (NW Corner)*	*Bldg.39-Grid 20 (SE Corner)*	*Bldg.39-Grid 20 (SW Corner)*	*Bldg.53*	*Bldg.56*
Sample ID:			*S-111703-SW-029*	*S-111703-SW-030*	*S-111703-SW-031*	*S-JSH-367*	*S-JSH-368*
Sample Date:			*11/17/2003*	*11/17/2003*	*11/17/2003*	*6/25/2000*	*6/25/2000*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*0-0.2 ft BGS*	*0-0.2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (830)	ND (610)	ND (62000)	ND (3500)	ND (3400)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (830)	ND (610)	ND (62000)	ND (3500)	ND (6800)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (8300)	ND (6100)	ND (620000)	ND (3500)	ND (3400)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (830)	ND (610)	ND (62000)	ND (3500)	ND (3400)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (8300)	ND (6100)	ND (620000)	ND (3500)	ND (3400)
Aroclor-1254 (PCB-1254)	µg/kg	-	81000	66000	3800000	ND (3500)	13000
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (8300)	ND (6100)	ND (620000)	ND (3500)	ND (3400)
Total PCBs	µg/kg	-	81000	66000	3800000	ND	13000
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 20 (NW Corner)*	*Bldg.39-Grid 20 (SE Corner)*	*Bldg.39-Grid 20 (SW Corner)*	*Bldg.53*	*Bldg.56*
Sample ID:			*S-111703-SW-029*	*S-111703-SW-030*	*S-111703-SW-031*	*S-JSH-367*	*S-JSH-368*
Sample Date:			*11/17/2003*	*11/17/2003*	*11/17/2003*	*6/25/2000*	*6/25/2000*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*0-0.2 ft BGS*	*0-0.2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	-	-	94.6	98
Total volatile solids	%	-	-	-	-	-	-

Notes:

greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

(Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.56-Grid 1*	*Bldg.56-Center-brick debris*	*Bldg.56-Center-brick debris*	*Bldg.56-Center of Debris Area in Bldg 56*
Sample ID:			*S-2939-040403-SW-016*	*S-112403-SW-007*	*S-120303-SW-006*	*SW-070304-SW-001*
Sample Date:			*4/4/2003*	*11/24/2003*	*12/3/2003*	*7/3/2004*
Sample Depth:			*-*	*8 in*	*1.5 ft BGS*	*-*
Parameter	*Units*	*RUSCO Criteria*				
Volatiles						
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.56-Grid 1*	*Bldg.56-Center-brick debris*	*Bldg.56-Center-brick debris*	*Bldg.56-Center of Debris Area in Bldg 56*
Sample ID:			*S-2939-040403-SW-016*	*S-112403-SW-007*	*S-120303-SW-006*	*SW-070304-SW-001*
Sample Date:			*4/4/2003*	*11/24/2003*	*12/3/2003*	*7/3/2004*
Sample Depth:			*-*	*8 in*	*1.5 ft BGS*	*-*
Parameter	*Units*	*RUSCO Criteria*				
Methyl acetate	µg/kg	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.56-Grid 1*	*Bldg.56-Center-brick debris*	*Bldg.56-Center-brick debris*	*Bldg.56-Center of Debris Area in Bldg 56*
Sample ID:			*S-2939-040403-SW-016*	*S-112403-SW-007*	*S-120303-SW-006*	*SW-070304-SW-001*
Sample Date:			*4/4/2003*	*11/24/2003*	*12/3/2003*	*7/3/2004*
Sample Depth:			*-*	*8 in*	*1.5 ft BGS*	*-*
Parameter	*Units*	*RUSCO Criteria*				
3-Nitroaniline	µg/kg	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.56-Grid 1*	*Bldg.56-Center-brick debris*	*Bldg.56-Center-brick debris*	*Bldg.56-Center of Debris Area in Bldg 56*
Sample ID:			*S-2939-040403-SW-016*	*S-112403-SW-007*	*S-120303-SW-006*	*SW-070304-SW-001*
Sample Date:			*4/4/2003*	*11/24/2003*	*12/3/2003*	*7/3/2004*
Sample Depth:			*-*	*8 in*	*1.5 ft BGS*	*-*
Parameter	*Units*	*RUSCO Criteria*				
Fluorene	µg/kg	1000000	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-
Metals						
Aluminum	µg/kg	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-
Calcium	µg/kg	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-
Iron	µg/kg	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-
Potassium	µg/kg	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-
Sodium	µg/kg	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.56-Grid 1*	*Bldg.56-Center-brick debris*	*Bldg.56-Center-brick debris*	*Bldg.56-Center of Debris Area in Bldg 56*
Sample ID:			*S-2939-040403-SW-016*	*S-112403-SW-007*	*S-120303-SW-006*	*SW-070304-SW-001*
Sample Date:			*4/4/2003*	*11/24/2003*	*12/3/2003*	*7/3/2004*
Sample Depth:			*-*	*8 in*	*1.5 ft BGS*	*-*
Parameter	*Units*	*RUSCO Criteria*				
PCBs						
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (6500)	ND (1500)	ND (3100)	ND (48) X
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (13000)	ND (730)	ND (620)	ND (98)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (6500)	ND (1500)	ND (3100)	ND (48) X
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (6500)	ND (1500)	ND (3100)	ND (48) X
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (6500)	10000	19000	ND (48) X
Aroclor-1254 (PCB-1254)	µg/kg	-	21000	10000 J	25000	32000 D
Aroclor-1260 (PCB-1260)	µg/kg	-	3000 J	1700 J	ND (3100)	ND (48) X
Total PCBs	µg/kg	-	24000	21700	44000	32000
Pesticides						
4,4'-DDD	µg/kg	180000	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-
Petroleum Hydrocarbons						
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.56-Grid 1*	*Bldg.56-Center-brick debris*	*Bldg.56-Center-brick debris*	*Bldg.56-Center of Debris Area in Bldg 56*
Sample ID:			*S-2939-040403-SW-016*	*S-112403-SW-007*	*S-120303-SW-006*	*SW-070304-SW-001*
Sample Date:			*4/4/2003*	*11/24/2003*	*12/3/2003*	*7/3/2004*
Sample Depth:			*-*	*8 in*	*1.5 ft BGS*	*-*
Parameter	*Units*	*RUSCO Criteria*				
General Chemistry						
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-
Percent moisture	%	-	-	-	-	-
pH	s.u.	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-
Total solids	%	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-

Notes:

greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

(Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.56-Center of Debris Area in Bldg 56*	*Bldg.56-Center Trench (North)*	*Bldg.56-Center Trench (South)*	*Bldg.56-Grids 1, 2, 3, 4*
Sample ID:			*SW-070304-SW-002*	*S-112403-SW-001*	*S-112403-SW-002*	*S-2939-040403-SW-020*
Sample Date:			*7/3/2004*	*11/24/2003*	*11/24/2003*	*4/4/2003*
Sample Depth:			*-*	*1.5 ft*	*1.5 ft*	*-*
		RUSCO	*Duplicate*			
Parameter	*Units*	*Criteria*				
Volatiles						
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.56-Center of Debris Area in Bldg 56*	*Bldg.56-Center Trench (North)*	*Bldg.56-Center Trench (South)*	*Bldg.56-Grids 1, 2, 3, 4*
Sample ID:			*SW-070304-SW-002*	*S-112403-SW-001*	*S-112403-SW-002*	*S-2939-040403-SW-020*
Sample Date:			*7/3/2004*	*11/24/2003*	*11/24/2003*	*4/4/2003*
Sample Depth:			*-*	*1.5 ft*	*1.5 ft*	*-*
		RUSCO	*Duplicate*			
Parameter	*Units*	*Criteria*				
Methyl acetate	µg/kg	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.56-Center of Debris Area in Bldg 56*	*Bldg.56-Center Trench (North)*	*Bldg.56-Center Trench (South)*	*Bldg.56-Grids 1, 2, 3, 4*
Sample ID:			*SW-070304-SW-002*	*S-112403-SW-001*	*S-112403-SW-002*	*S-2939-040403-SW-020*
Sample Date:			*7/3/2004*	*11/24/2003*	*11/24/2003*	*4/4/2003*
Sample Depth:			*-*	*1.5 ft*	*1.5 ft*	*-*
		RUSCO	*Duplicate*			
Parameter	*Units*	*Criteria*				
3-Nitroaniline	µg/kg	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.56-Center of Debris Area in Bldg 56*	*Bldg.56-Center Trench (North)*	*Bldg.56-Center Trench (South)*	*Bldg.56-Grids 1, 2, 3, 4*
Sample ID:			*SW-070304-SW-002*	*S-112403-SW-001*	*S-112403-SW-002*	*S-2939-040403-SW-020*
Sample Date:			*7/3/2004*	*11/24/2003*	*11/24/2003*	*4/4/2003*
Sample Depth:			*-*	*1.5 ft*	*1.5 ft*	*-*
		RUSCO	*Duplicate*			
Parameter	*Units*	*Criteria*				
Fluorene	µg/kg	1000000	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-
Metals						
Aluminum	µg/kg	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-
Calcium	µg/kg	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-
Iron	µg/kg	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-
Potassium	µg/kg	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-
Sodium	µg/kg	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.56-Center of Debris Area in Bldg 56*	*Bldg.56-Center Trench (North)*	*Bldg.56-Center Trench (South)*	*Bldg.56-Grids 1, 2, 3, 4*
Sample ID:			*SW-070304-SW-002*	*S-112403-SW-001*	*S-112403-SW-002*	*S-2939-040403-SW-020*
Sample Date:			*7/3/2004*	*11/24/2003*	*11/24/2003*	*4/4/2003*
Sample Depth:			*-*	*1.5 ft*	*1.5 ft*	*-*
		RUSCO	*Duplicate*			
Parameter	*Units*	*Criteria*				
PCBs						
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (50) X	ND (640)	ND (630)	-
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (100)	ND (640)	ND (630)	-
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (50) X	ND (640)	ND (630)	-
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (50) X	ND (640)	ND (630)	-
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (50) X	ND (640)	ND (630)	-
Aroclor-1254 (PCB-1254)	µg/kg	-	16000 D	840	1400	-
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (50) X	ND (640)	ND (630)	-
Total PCBs	µg/kg	-	16000	840	1400	-
Pesticides						
4,4'-DDD	µg/kg	180000	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-
Petroleum Hydrocarbons						
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	ND (240)
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	650000
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.56-Center of Debris Area in Bldg 56*	*Bldg.56-Center Trench (North)*	*Bldg.56-Center Trench (South)*	*Bldg.56-Grids 1, 2, 3, 4*
Sample ID:			*SW-070304-SW-002*	*S-112403-SW-001*	*S-112403-SW-002*	*S-2939-040403-SW-020*
Sample Date:			*7/3/2004*	*11/24/2003*	*11/24/2003*	*4/4/2003*
Sample Depth:			*-*	*1.5 ft*	*1.5 ft*	*-*
		RUSCO	*Duplicate*			
Parameter	*Units*	*Criteria*				
General Chemistry						
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	1420000
Cyanide (total)	µg/kg	10000000	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	ND (5890)
Oil and grease	µg/kg	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	4010000
Percent moisture	%	-	-	-	-	15.1
pH	s.u.	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	7.4
Total organic carbon (TOC)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-
Total solids	%	-	-	-	-	84.9
Total volatile solids	%	-	-	-	-	3.1

Notes:

greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

(Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.56-Grid 2*	*Bldg.56-Grid 3*	*Bldg.56-Grid 4*	*Bldg.56-Grid 5*	*Bldg.56-Grid 5-Trenches 1,2,3*
Sample ID:			*S-2939-040403-SW-017*	*S-2939-040403-SW-018*	*S-2939-040403-SW-019*	*S-2939-4-22-03-SW-138*	*S-2939-042203-SW-139*
Sample Date:			*4/4/2003*	*4/4/2003*	*4/4/2003*	*4/22/2003*	*4/22/2003*
Sample Depth:			*-*	*-*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.56-Grid 2*	*Bldg.56-Grid 3*	*Bldg.56-Grid 4*	*Bldg.56-Grid 5*	*Bldg.56-Grid 5-Trenches 1,2,3*
Sample ID:			*S-2939-040403-SW-017*	*S-2939-040403-SW-018*	*S-2939-040403-SW-019*	*S-2939-4-22-03-SW-138*	*S-2939-042203-SW-139*
Sample Date:			*4/4/2003*	*4/4/2003*	*4/4/2003*	*4/22/2003*	*4/22/2003*
Sample Depth:			*-*	*-*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.56-Grid 2*	*Bldg.56-Grid 3*	*Bldg.56-Grid 4*	*Bldg.56-Grid 5*	*Bldg.56-Grid 5-Trenches 1,2,3*
Sample ID:			*S-2939-040403-SW-017*	*S-2939-040403-SW-018*	*S-2939-040403-SW-019*	*S-2939-4-22-03-SW-138*	*S-2939-042203-SW-139*
Sample Date:			*4/4/2003*	*4/4/2003*	*4/4/2003*	*4/22/2003*	*4/22/2003*
Sample Depth:			*-*	*-*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
3-Nitroaniline	µg/kg	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.56-Grid 2*	*Bldg.56-Grid 3*	*Bldg.56-Grid 4*	*Bldg.56-Grid 5*	*Bldg.56-Grid 5-Trenches 1,2,3*
Sample ID:			*S-2939-040403-SW-017*	*S-2939-040403-SW-018*	*S-2939-040403-SW-019*	*S-2939-4-22-03-SW-138*	*S-2939-042203-SW-139*
Sample Date:			*4/4/2003*	*4/4/2003*	*4/4/2003*	*4/22/2003*	*4/22/2003*
Sample Depth:			*-*	*-*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
Fluorene	µg/kg	1000000	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-
Metals							
Aluminum	µg/kg	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.56-Grid 2*	*Bldg.56-Grid 3*	*Bldg.56-Grid 4*	*Bldg.56-Grid 5*	*Bldg.56-Grid 5-Trenches 1,2,3*
Sample ID:			*S-2939-040403-SW-017*	*S-2939-040403-SW-018*	*S-2939-040403-SW-019*	*S-2939-4-22-03-SW-138*	*S-2939-042203-SW-139*
Sample Date:			*4/4/2003*	*4/4/2003*	*4/4/2003*	*4/22/2003*	*4/22/2003*
Sample Depth:			*-*	*-*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (5600)	ND (6200)	ND (6200)	ND (6400)	ND (6100)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (11000)	ND (12000)	ND (12000)	ND (13000)	ND (12000)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (5600)	ND (6200)	ND (6200)	ND (6400)	ND (6100)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (5600)	ND (6200)	ND (6200)	ND (6400)	ND (6100)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (5600)	ND (6200)	ND (6200)	ND (6400)	ND (6100)
Aroclor-1254 (PCB-1254)	µg/kg	-	14000	28000	42000	27000	22000
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (5600)	9500	4000 J	5000 J	ND (6100)
Total PCBs	µg/kg	-	14000	37500	46000	32000	22000
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	ND (250)	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	4100000 J	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.56-Grid 2*	*Bldg.56-Grid 3*	*Bldg.56-Grid 4*	*Bldg.56-Grid 5*	*Bldg.56-Grid 5-Trenches 1,2,3*
Sample ID:			*S-2939-040403-SW-017*	*S-2939-040403-SW-018*	*S-2939-040403-SW-019*	*S-2939-4-22-03-SW-138*	*S-2939-042203-SW-139*
Sample Date:			*4/4/2003*	*4/4/2003*	*4/4/2003*	*4/22/2003*	*4/22/2003*
Sample Depth:			*-*	*-*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	ND (315000)	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	ND (6300)	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	4420000	-
Percent moisture	%	-	-	-	-	20.6	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	7.2	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	-	-	79.4	-
Total volatile solids	%	-	-	-	-	5.2	-

Notes:

greater than the Instrument Detection Limits.
D - Compounds at secondary dilution factor.
(Inorganics).
E - Exceed calibration range of GC/MS instrument (Organics).
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
R - Rejected.
S - Value determined by the method of standard Addition.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
X - Result may have been masked by the positive detection of another Aroclor.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.56-NE Corner-brick debris*	*Bldg.56-NE Corner-brick debris*	*Bldg.56-NW Corner-brick debris*	*Bldg.56-NW Corner-brick debris*
Sample ID:			*S-112403-SW-005*	*S-120303-SW-004*	*S-112403-SW-008*	*S-120303-SW-007*
Sample Date:			*11/24/2003*	*12/3/2003*	*11/24/2003*	*12/3/2003*
Sample Depth:			*8 in*	*1.5 ft BGS*	*8 in*	*1.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
Volatiles						
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.56-NE Corner-brick debris*	*Bldg.56-NE Corner-brick debris*	*Bldg.56-NW Corner-brick debris*	*Bldg.56-NW Corner-brick debris*
Sample ID:			*S-112403-SW-005*	*S-120303-SW-004*	*S-112403-SW-008*	*S-120303-SW-007*
Sample Date:			*11/24/2003*	*12/3/2003*	*11/24/2003*	*12/3/2003*
Sample Depth:			*8 in*	*1.5 ft BGS*	*8 in*	*1.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
Methyl acetate	µg/kg	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.56-NE Corner-brick debris*	*Bldg.56-NE Corner-brick debris*	*Bldg.56-NW Corner-brick debris*	*Bldg.56-NW Corner-brick debris*
Sample ID:			*S-112403-SW-005*	*S-120303-SW-004*	*S-112403-SW-008*	*S-120303-SW-007*
Sample Date:			*11/24/2003*	*12/3/2003*	*11/24/2003*	*12/3/2003*
Sample Depth:			*8 in*	*1.5 ft BGS*	*8 in*	*1.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
3-Nitroaniline	µg/kg	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.56-NE Corner-brick debris*	*Bldg.56-NE Corner-brick debris*	*Bldg.56-NW Corner-brick debris*	*Bldg.56-NW Corner-brick debris*
Sample ID:			*S-112403-SW-005*	*S-120303-SW-004*	*S-112403-SW-008*	*S-120303-SW-007*
Sample Date:			*11/24/2003*	*12/3/2003*	*11/24/2003*	*12/3/2003*
Sample Depth:			*8 in*	*1.5 ft BGS*	*8 in*	*1.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
Fluorene	µg/kg	1000000	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-
Metals						
Aluminum	µg/kg	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-
Calcium	µg/kg	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-
Iron	µg/kg	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-
Potassium	µg/kg	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-
Sodium	µg/kg	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.56-NE Corner-brick debris*	*Bldg.56-NE Corner-brick debris*	*Bldg.56-NW Corner-brick debris*	*Bldg.56-NW Corner-brick debris*
Sample ID:			*S-112403-SW-005*	*S-120303-SW-004*	*S-112403-SW-008*	*S-120303-SW-007*
Sample Date:			*11/24/2003*	*12/3/2003*	*11/24/2003*	*12/3/2003*
Sample Depth:			*8 in*	*1.5 ft BGS*	*8 in*	*1.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
PCBs						
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (590)	ND (760)	ND (1200)	ND (720)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (590)	ND (760)	ND (600)	ND (720)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (590)	ND (3800)	ND (1200)	ND (720)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (590)	ND (760)	ND (1200)	ND (720)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (590)	ND (3800)	4900	ND (720)
Aroclor-1254 (PCB-1254)	µg/kg	-	9200 J	39000	15000	3100
Aroclor-1260 (PCB-1260)	µg/kg	-	1000 J	ND (3800)	ND (1200)	ND (720)
Total PCBs	µg/kg	-	10200	39000	19900	3100
Pesticides						
4,4'-DDD	µg/kg	180000	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-
Petroleum Hydrocarbons						
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.56-NE Corner-brick debris*	*Bldg.56-NE Corner-brick debris*	*Bldg.56-NW Corner-brick debris*	*Bldg.56-NW Corner-brick debris*
Sample ID:			*S-112403-SW-005*	*S-120303-SW-004*	*S-112403-SW-008*	*S-120303-SW-007*
Sample Date:			*11/24/2003*	*12/3/2003*	*11/24/2003*	*12/3/2003*
Sample Depth:			*8 in*	*1.5 ft BGS*	*8 in*	*1.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
General Chemistry						
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-
Percent moisture	%	-	-	-	-	-
pH	s.u.	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-
Total solids	%	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-

Notes:

greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

(Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.56-SE Corner-brick debris*	*Bldg.56-SE Corner-brick debris*	*Bldg.56-SW Corner-brick debris*	*Bldg.56-SW Corner-brick debris*
Sample ID:			*S-112403-SW-006*	*S-120303-SW-005*	*S-112403-SW-009*	*S-112403-SW-010*
Sample Date:			*11/24/2003*	*12/3/2003*	*11/24/2003*	*11/24/2003*
Sample Depth:			*8 in*	*1.5 ft BGS*	*8 in*	*8 in*
		RUSCO				*Duplicate*
Parameter	*Units*	*Criteria*				
Volatiles						
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.56-SE Corner-brick debris*	*Bldg.56-SE Corner-brick debris*	*Bldg.56-SW Corner-brick debris*	*Bldg.56-SW Corner-brick debris*
Sample ID:			*S-112403-SW-006*	*S-120303-SW-005*	*S-112403-SW-009*	*S-112403-SW-010*
Sample Date:			*11/24/2003*	*12/3/2003*	*11/24/2003*	*11/24/2003*
Sample Depth:			*8 in*	*1.5 ft BGS*	*8 in*	*8 in*
		RUSCO				*Duplicate*
Parameter	*Units*	*Criteria*				
Methyl acetate	µg/kg	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.56-SE Corner-brick debris*	*Bldg.56-SE Corner-brick debris*	*Bldg.56-SW Corner-brick debris*	*Bldg.56-SW Corner-brick debris*
Sample ID:			*S-112403-SW-006*	*S-120303-SW-005*	*S-112403-SW-009*	*S-112403-SW-010*
Sample Date:			*11/24/2003*	*12/3/2003*	*11/24/2003*	*11/24/2003*
Sample Depth:			*8 in*	*1.5 ft BGS*	*8 in*	*8 in*
		RUSCO				*Duplicate*
Parameter	*Units*	*Criteria*				
3-Nitroaniline	µg/kg	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.56-SE Corner-brick debris*	*Bldg.56-SE Corner-brick debris*	*Bldg.56-SW Corner-brick debris*	*Bldg.56-SW Corner-brick debris*
Sample ID:			*S-112403-SW-006*	*S-120303-SW-005*	*S-112403-SW-009*	*S-112403-SW-010*
Sample Date:			*11/24/2003*	*12/3/2003*	*11/24/2003*	*11/24/2003*
Sample Depth:			*8 in*	*1.5 ft BGS*	*8 in*	*8 in*
		RUSCO				*Duplicate*
Parameter	*Units*	*Criteria*				
Fluorene	µg/kg	1000000	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-
Metals						
Aluminum	µg/kg	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-
Calcium	µg/kg	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-
Iron	µg/kg	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-
Potassium	µg/kg	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-
Sodium	µg/kg	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.56-SE Corner-brick debris*	*Bldg.56-SE Corner-brick debris*	*Bldg.56-SW Corner-brick debris*	*Bldg.56-SW Corner-brick debris*
Sample ID:			*S-112403-SW-006*	*S-120303-SW-005*	*S-112403-SW-009*	*S-112403-SW-010*
Sample Date:			*11/24/2003*	*12/3/2003*	*11/24/2003*	*11/24/2003*
Sample Depth:			*8 in*	*1.5 ft BGS*	*8 in*	*8 in*
		RUSCO				*Duplicate*
Parameter	*Units*	*Criteria*				
PCBs						
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (1100)	ND (3200)	ND (120000)	ND (590) UJ
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (570)	ND (640)	ND (610)	ND (590)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (1100)	ND (3200)	ND (120000)	ND (590) UJ
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (1100)	ND (3200)	ND (120000)	ND (590) UJ
Aroclor-1248 (PCB-1248)	µg/kg	-	2100	27000	ND (120000) UJ	2800 J
Aroclor-1254 (PCB-1254)	µg/kg	-	16000 J	16000 J	780000 J	2800 J
Aroclor-1260 (PCB-1260)	µg/kg	-	3000 J	2900 J	ND (120000)	1000 J
Total PCBs	µg/kg	-	21100	45900	780000	6600
Pesticides						
4,4'-DDD	µg/kg	180000	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-
Petroleum Hydrocarbons						
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.56-SE Corner-brick debris*	*Bldg.56-SE Corner-brick debris*	*Bldg.56-SW Corner-brick debris*	*Bldg.56-SW Corner-brick debris*
Sample ID:			*S-112403-SW-006*	*S-120303-SW-005*	*S-112403-SW-009*	*S-112403-SW-010*
Sample Date:			*11/24/2003*	*12/3/2003*	*11/24/2003*	*11/24/2003*
Sample Depth:			*8 in*	*1.5 ft BGS*	*8 in*	*8 in*
		RUSCO				*Duplicate*
Parameter	*Units*	*Criteria*				
General Chemistry						
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-
Percent moisture	%	-	-	-	-	-
pH	s.u.	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-
Total solids	%	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-

Notes:

greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

(Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.56-SW Corner-brick debris*	*Bldg.56-SW Corner-brick debris*	*Bldg.56-Trench 1*	*Bldg.56-Trenches 1, 2, 3*
Sample ID:			*S-120303-SW-008*	*S-120303-SW-009*	*S-2939-040403-SW-021*	*S-2939-040403-SW-024*
Sample Date:			*12/3/2003*	*12/3/2003*	*4/4/2003*	*4/4/2003*
Sample Depth:			*1.5 ft BGS*	*1.5 ft BGS*	*-*	*-*
		RUSCO		*Duplicate*		
Parameter	*Units*	*Criteria*				
Volatiles						
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.56-SW Corner-brick debris*	*Bldg.56-SW Corner-brick debris*	*Bldg.56-Trench 1*	*Bldg.56-Trenches 1, 2, 3*
Sample ID:			*S-120303-SW-008*	*S-120303-SW-009*	*S-2939-040403-SW-021*	*S-2939-040403-SW-024*
Sample Date:			*12/3/2003*	*12/3/2003*	*4/4/2003*	*4/4/2003*
Sample Depth:			*1.5 ft BGS*	*1.5 ft BGS*	*-*	*-*
		RUSCO		*Duplicate*		
Parameter	*Units*	*Criteria*				
Methyl acetate	µg/kg	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.56-SW Corner-brick debris*	*Bldg.56-SW Corner-brick debris*	*Bldg.56-Trench 1*	*Bldg.56-Trenches 1, 2, 3*
Sample ID:			*S-120303-SW-008*	*S-120303-SW-009*	*S-2939-040403-SW-021*	*S-2939-040403-SW-024*
Sample Date:			*12/3/2003*	*12/3/2003*	*4/4/2003*	*4/4/2003*
Sample Depth:			*1.5 ft BGS*	*1.5 ft BGS*	*-*	*-*
		RUSCO		*Duplicate*		
Parameter	*Units*	*Criteria*				
3-Nitroaniline	µg/kg	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.56-SW Corner-brick debris*	*Bldg.56-SW Corner-brick debris*	*Bldg.56-Trench 1*	*Bldg.56-Trenches 1, 2, 3*
Sample ID:			*S-120303-SW-008*	*S-120303-SW-009*	*S-2939-040403-SW-021*	*S-2939-040403-SW-024*
Sample Date:			*12/3/2003*	*12/3/2003*	*4/4/2003*	*4/4/2003*
Sample Depth:			*1.5 ft BGS*	*1.5 ft BGS*	*-*	*-*
		RUSCO		*Duplicate*		
Parameter	*Units*	*Criteria*				
Fluorene	µg/kg	1000000	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-
Metals						
Aluminum	µg/kg	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-
Calcium	µg/kg	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-
Iron	µg/kg	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-
Potassium	µg/kg	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-
Sodium	µg/kg	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.56-SW Corner-brick debris*	*Bldg.56-SW Corner-brick debris*	*Bldg.56-Trench 1*	*Bldg.56-Trenches 1, 2, 3*
Sample ID:			*S-120303-SW-008*	*S-120303-SW-009*	*S-2939-040403-SW-021*	*S-2939-040403-SW-024*
Sample Date:			*12/3/2003*	*12/3/2003*	*4/4/2003*	*4/4/2003*
Sample Depth:			*1.5 ft BGS*	*1.5 ft BGS*	*-*	*-*
		RUSCO		*Duplicate*		
Parameter	*Units*	*Criteria*				
PCBs						
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (3000)	ND (1200)	ND (6500)	-
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (610)	ND (600)	ND (13000)	-
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (3000)	ND (1200)	ND (6500)	-
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (3000)	ND (1200)	ND (6500)	-
Aroclor-1248 (PCB-1248)	µg/kg	-	5000	4200	ND (6500)	-
Aroclor-1254 (PCB-1254)	µg/kg	-	34000 J	15000 J	20000	-
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (3000)	ND (1200)	ND (6500)	-
Total PCBs	µg/kg	-	39000	19200	20000	-
Pesticides						
4,4'-DDD	µg/kg	180000	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-
Petroleum Hydrocarbons						
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	ND (260)
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	1400000 J
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.56-SW Corner-brick debris*	*Bldg.56-SW Corner-brick debris*	*Bldg.56-Trench 1*	*Bldg.56-Trenches 1, 2, 3*
Sample ID:			*S-120303-SW-008*	*S-120303-SW-009*	*S-2939-040403-SW-021*	*S-2939-040403-SW-024*
Sample Date:			*12/3/2003*	*12/3/2003*	*4/4/2003*	*4/4/2003*
Sample Depth:			*1.5 ft BGS*	*1.5 ft BGS*	*-*	*-*
		RUSCO		*Duplicate*		
Parameter	*Units*	*Criteria*				
General Chemistry						
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	ND (323000)
Cyanide (total)	µg/kg	10000000	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	ND (6460)
Oil and grease	µg/kg	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	9660000
Percent moisture	%	-	-	-	-	22.6
pH	s.u.	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	6.8
Total organic carbon (TOC)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-
Total solids	%	-	-	-	-	77.4
Total volatile solids	%	-	-	-	-	2.3

Notes:

greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

(Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.56-Trench 2*	*Bldg.56-Trench 3*	*Bldg.56-West Edge (North)*	*Bldg.56-West Edge (South)*	*Bldg.163*
Sample ID:			*S-2939-040403-SW-022*	*S-2939-040403-SW-023*	*S-112403-SW-003*	*S-112403-SW-004*	*S-JRR-024*
Sample Date:			*4/4/2003*	*4/4/2003*	*11/24/2003*	*11/24/2003*	*7/8/1999*
Sample Depth:			*-*	*-*	*1.5 ft*	*1.5 ft*	*-*
Parameter	*Units*	*RUSCO Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.56-Trench 2*	*Bldg.56-Trench 3*	*Bldg.56-West Edge (North)*	*Bldg.56-West Edge (South)*	*Bldg.163*
Sample ID:			*S-2939-040403-SW-022*	*S-2939-040403-SW-023*	*S-112403-SW-003*	*S-112403-SW-004*	*S-JRR-024*
Sample Date:			*4/4/2003*	*4/4/2003*	*11/24/2003*	*11/24/2003*	*7/8/1999*
Sample Depth:			*-*	*-*	*1.5 ft*	*1.5 ft*	*-*
Parameter	*Units*	*RUSCO Criteria*					
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.56-Trench 2*	*Bldg.56-Trench 3*	*Bldg.56-West Edge (North)*	*Bldg.56-West Edge (South)*	*Bldg.163*
Sample ID:			*S-2939-040403-SW-022*	*S-2939-040403-SW-023*	*S-112403-SW-003*	*S-112403-SW-004*	*S-JRR-024*
Sample Date:			*4/4/2003*	*4/4/2003*	*11/24/2003*	*11/24/2003*	*7/8/1999*
Sample Depth:			*-*	*-*	*1.5 ft*	*1.5 ft*	*-*
Parameter	*Units*	*RUSCO Criteria*					
3-Nitroaniline	µg/kg	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.56-Trench 2*	*Bldg.56-Trench 3*	*Bldg.56-West Edge (North)*	*Bldg.56-West Edge (South)*	*Bldg.163*
Sample ID:			*S-2939-040403-SW-022*	*S-2939-040403-SW-023*	*S-112403-SW-003*	*S-112403-SW-004*	*S-JRR-024*
Sample Date:			*4/4/2003*	*4/4/2003*	*11/24/2003*	*11/24/2003*	*7/8/1999*
Sample Depth:			*-*	*-*	*1.5 ft*	*1.5 ft*	*-*
Parameter	*Units*	*RUSCO Criteria*					
Fluorene	µg/kg	1000000	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-
Metals							
Aluminum	µg/kg	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.56-Trench 2*	*Bldg.56-Trench 3*	*Bldg.56-West Edge (North)*	*Bldg.56-West Edge (South)*	*Bldg.163*
Sample ID:			*S-2939-040403-SW-022*	*S-2939-040403-SW-023*	*S-112403-SW-003*	*S-112403-SW-004*	*S-JRR-024*
Sample Date:			*4/4/2003*	*4/4/2003*	*11/24/2003*	*11/24/2003*	*7/8/1999*
Sample Depth:			*-*	*-*	*1.5 ft*	*1.5 ft*	*-*
Parameter	*Units*	*RUSCO Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (7000)	ND (6100)	ND (660)	ND (640)	ND (33)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (14000)	ND (12000)	ND (660)	ND (640)	ND (67)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (7000)	ND (6100)	ND (660)	ND (640)	ND (33)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (7000)	ND (6100)	ND (660)	ND (640)	ND (33)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (7000)	ND (6100)	ND (660)	ND (640)	ND (33)
Aroclor-1254 (PCB-1254)	µg/kg	-	18000	32000	14000	ND (640)	ND (33)
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (7000)	5000 J	2600 J	ND (640)	ND (33)
Total PCBs	µg/kg	-	18000	37000	16600	ND	ND
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.56-Trench 2*	*Bldg.56-Trench 3*	*Bldg.56-West Edge (North)*	*Bldg.56-West Edge (South)*	*Bldg.163*
Sample ID:			*S-2939-040403-SW-022*	*S-2939-040403-SW-023*	*S-112403-SW-003*	*S-112403-SW-004*	*S-JRR-024*
Sample Date:			*4/4/2003*	*4/4/2003*	*11/24/2003*	*11/24/2003*	*7/8/1999*
Sample Depth:			*-*	*-*	*1.5 ft*	*1.5 ft*	*-*
Parameter	*Units*	*RUSCO Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-

Notes:

greater than the Instrument Detection Limits.
D - Compounds at secondary dilution factor.
(Inorganics).
E - Exceed calibration range of GC/MS instrument (Organics).
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
R - Rejected.
S - Value determined by the method of standard Addition.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
X - Result may have been masked by the positive detection of another Aroclor.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-BH-35*	*OU-4-BH-36*	*OU-4-BH-37*	*OU-4-BH-38*	*OU-4-BH-39*
Sample ID:			*S-2939-072503-SW-007*	*S-2939-072503-SW-012*	*S-2939-072503-SW-003*	*S-2939-072503-SW-016*	*S-2939-072503-SW-024*
Sample Date:			*7/25/2003*	*7/25/2003*	*7/25/2003*	*7/25/2003*	*7/25/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-BH-35*	*OU-4-BH-36*	*OU-4-BH-37*	*OU-4-BH-38*	*OU-4-BH-39*
Sample ID:			*S-2939-072503-SW-007*	*S-2939-072503-SW-012*	*S-2939-072503-SW-003*	*S-2939-072503-SW-016*	*S-2939-072503-SW-024*
Sample Date:			*7/25/2003*	*7/25/2003*	*7/25/2003*	*7/25/2003*	*7/25/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	ND (490)	ND (1300)	ND (360)	ND (420)	ND (1300)
1,2-Dichlorobenzene	µg/kg	1000000	ND (490)	ND (1300)	ND (360)	ND (420)	ND (1300)
1,3-Dichlorobenzene	µg/kg	560000	ND (490)	ND (1300)	ND (360)	ND (420)	ND (1300)
1,4-Dichlorobenzene	µg/kg	250000	ND (490)	ND (1300)	ND (360)	ND (420)	ND (1300)
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	ND (490)	ND (1300)	ND (360)	ND (420)	ND (1300)
2,4,5-Trichlorophenol	µg/kg	-	ND (1200)	ND (3300)	ND (910)	ND (1100)	ND (3200)
2,4,6-Trichlorophenol	µg/kg	-	ND (490)	ND (1300)	ND (360)	ND (420)	ND (1300)
2,4-Dichlorophenol	µg/kg	-	ND (490)	ND (1300)	ND (360)	ND (420)	ND (1300)
2,4-Dimethylphenol	µg/kg	-	ND (490)	ND (1300)	ND (360)	ND (420)	ND (1300)
2,4-Dinitrophenol	µg/kg	-	ND (1200)	ND (3300)	ND (910)	ND (1100)	ND (3200)
2,4-Dinitrotoluene	µg/kg	-	ND (490)	ND (1300)	ND (360)	ND (420)	ND (1300)
2,6-Dinitrotoluene	µg/kg	-	ND (490)	ND (1300)	ND (360)	ND (420)	ND (1300)
2-Chloronaphthalene	µg/kg	-	ND (490)	ND (1300)	ND (360)	ND (420)	ND (1300)
2-Chlorophenol	µg/kg	-	ND (490)	ND (1300)	ND (360)	ND (420)	ND (1300)
2-Methylnaphthalene	µg/kg	-	100 J	500 J	ND (360)	ND (420)	1000 J
2-Methylphenol	µg/kg	1000000	ND (490)	ND (1300)	ND (360)	ND (420)	ND (1300)
2-Nitroaniline	µg/kg	-	ND (1200)	ND (3300)	ND (910)	ND (1100)	ND (3200)
2-Nitrophenol	µg/kg	-	ND (490)	ND (1300)	ND (360)	ND (420)	ND (1300)
3&4-Methylphenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	ND (490)	ND (1300)	ND (360)	ND (420)	ND (1300)

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-BH-35*	*OU-4-BH-36*	*OU-4-BH-37*	*OU-4-BH-38*	*OU-4-BH-39*
Sample ID:			*S-2939-072503-SW-007*	*S-2939-072503-SW-012*	*S-2939-072503-SW-003*	*S-2939-072503-SW-016*	*S-2939-072503-SW-024*
Sample Date:			*7/25/2003*	*7/25/2003*	*7/25/2003*	*7/25/2003*	*7/25/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
3-Nitroaniline	µg/kg	-	ND (1200)	ND (3300)	ND (910)	ND (1100)	ND (3200)
4,6-Dinitro-2-methylphenol	µg/kg	-	ND (1200)	ND (3300)	ND (910)	ND (1100)	ND (3200)
4-Bromophenyl phenyl ether	µg/kg	-	ND (490)	ND (1300)	ND (360)	ND (420)	ND (1300)
4-Chloro-3-methylphenol	µg/kg	-	ND (490)	ND (1300)	ND (360)	ND (420)	ND (1300)
4-Chloroaniline	µg/kg	-	ND (490)	ND (1300)	ND (360)	ND (420)	ND (1300)
4-Chlorophenyl phenyl ether	µg/kg	-	ND (490)	ND (1300)	ND (360)	ND (420)	ND (1300)
4-Methylphenol	µg/kg	1000000	ND (490)	ND (1300)	ND (360)	ND (420)	ND (1300)
4-Nitroaniline	µg/kg	-	ND (1200)	ND (3300)	ND (910)	ND (1100)	ND (3200)
4-Nitrophenol	µg/kg	-	ND (1200)	ND (3300)	ND (910)	ND (1100)	ND (3200)
Acenaphthene	µg/kg	1000000	200 J	700 J	ND (360)	200 J	ND (1300)
Acenaphthylene	µg/kg	1000000	100 J	300 J	200 J	200 J	3500
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	200 J	1800	100 J	550	1400
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	750	3900	580	1400	5500
Benzo(a)pyrene	µg/kg	1100	820	**3100**	620	**1300**	**7500**
Benzo(b)fluoranthene	µg/kg	11000	650	3300	530	1400	6300
Benzo(g,h,i)perylene	µg/kg	1000000	400 J	2300	300 J	400 J	4600
Benzo(k)fluoranthene	µg/kg	110000	760	2200	450	950	3500
Benzoic acid	µg/kg	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	ND (490)	ND (1300)	ND (360)	ND (420)	ND (1300)
bis(2-Chloroethyl)ether	µg/kg	-	ND (490)	ND (1300)	ND (360)	ND (420)	ND (1300)
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	ND (490)	ND (1300)	90 J	ND (420)	ND (1300)
Butyl benzylphthalate (BBP)	µg/kg	-	ND (490)	ND (1300)	ND (360)	ND (420)	ND (1300)
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	200 J	1000 J	ND (360)	300 J	400 J
Chrysene	µg/kg	110000	970	3700	600	1400	5700
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	ND (490)	ND (1300)	ND (360)	ND (420)	ND (1300)
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	200 J	900 J	ND (360)	200 J	300 J
Diethyl phthalate	µg/kg	-	ND (490)	ND (1300)	ND (360)	ND (420)	ND (1300)
Dimethyl phthalate	µg/kg	-	ND (490)	ND (1300)	ND (360)	ND (420)	ND (1300)
Di-n-butylphthalate (DBP)	µg/kg	-	ND (490)	ND (1300)	ND (360)	ND (420)	ND (1300)
Di-n-octyl phthalate (DnOP)	µg/kg	-	ND (490)	ND (1300)	ND (360)	ND (420)	ND (1300)
Fluoranthene	µg/kg	1000000	2200	9200	950	2900	6300

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-BH-35*	*OU-4-BH-36*	*OU-4-BH-37*	*OU-4-BH-38*	*OU-4-BH-39*
Sample ID:			*S-2939-072503-SW-007*	*S-2939-072503-SW-012*	*S-2939-072503-SW-003*	*S-2939-072503-SW-016*	*S-2939-072503-SW-024*
Sample Date:			*7/25/2003*	*7/25/2003*	*7/25/2003*	*7/25/2003*	*7/25/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Fluorene	µg/kg	1000000	200 J	1000 J	ND (360)	200 J	300 J
Hexachlorobenzene	µg/kg	12000	ND (490)	ND (1300)	ND (360)	ND (420)	ND (1300)
Hexachlorobutadiene	µg/kg	-	ND (490)	ND (1300)	ND (360)	ND (420)	ND (1300)
Hexachlorocyclopentadiene	µg/kg	-	ND (490)	ND (1300)	ND (360)	ND (420)	ND (1300)
Hexachloroethane	µg/kg	-	ND (490)	ND (1300)	ND (360)	ND (420)	ND (1300)
Indeno(1,2,3-cd)pyrene	µg/kg	11000	400 J	2100	300 J	400 J	4400
Isophorone	µg/kg	-	ND (490)	ND (1300)	ND (360)	ND (420)	ND (1300)
Naphthalene	µg/kg	1000000	200 J	1500	80 J	200 J	2300
Nitrobenzene	µg/kg	140000	ND (490)	ND (1300)	ND (360)	ND (420)	ND (1300)
N-Nitrosodi-n-propylamine	µg/kg	-	300 J	ND (1300)	ND (360)	ND (420)	ND (1300)
N-Nitrosodiphenylamine	µg/kg	-	ND (490)	ND (1300)	ND (360)	ND (420)	ND (1300)
Pentachlorophenol	µg/kg	55000	ND (1200)	ND (3300)	ND (910)	ND (1100)	ND (3200)
Phenanthrene	µg/kg	1000000	2800	9500	450	2500	3400
Phenol	µg/kg	1000000	ND (490)	ND (1300)	ND (360)	ND (420)	ND (1300)
Pyrene	µg/kg	1000000	1900	6800	920	2500	9000
Metals							
Aluminum	µg/kg	-	4650000	8480000	8200000	8800000	6980000
Antimony	µg/kg	-	ND (1500) UJ	ND (870) UJ	3300 J	2900 J	2200 J
Arsenic	µg/kg	16000	**16600 J**	8800 J	14800 J	**19800 J**	**19900 J**
Barium	µg/kg	10000000	152000 J	110000 J	115000 J	221000 J	188000 J
Beryllium	µg/kg	2700000	360 J	480 J	410 J	330 J	510 J
Cadmium	µg/kg	60000	760	1000	1000	2000	1300
Calcium	µg/kg	-	5710000	10900000	16300000	12300000	5660000
Chromium	µg/kg	-	16500	19600	28500	56600	34900
Cobalt	µg/kg	-	7300	7700	9700	10600	9800
Copper	µg/kg	10000000	207000 J	477000 J	650000 J	427000 J	806000 J
Iron	µg/kg	-	16100000 J	15500000 J	19800000 J	31200000 J	16600000 J
Lead	µg/kg	3900000	579000 J	219000 J	377000 J	366000 J	421000 J
Magnesium	µg/kg	-	1170000	3220000	4760000	3700000	2740000
Manganese	µg/kg	10000000	345000	297000	342000	263000	314000
Mercury	µg/kg	5700	3800	1600	710	490	1200
Nickel	µg/kg	10000000	17300 J	19700 J	25500 J	51500 J	37500 J
Potassium	µg/kg	-	371000	974000	892000	1550000	1180000
Selenium	µg/kg	6800000	1800 J	2700 J	1700 J	2700 J	1400 J
Silver	µg/kg	6800000	380 J	960 J	1400 J	1700 J	4400 J
Sodium	µg/kg	-	169000	234000	178000	160000	169000
Thallium	µg/kg	-	ND (620)	ND (550)	ND (460)	ND (540)	ND (530)
Vanadium	µg/kg	-	27800	36100	32700	51400	33700
Zinc	µg/kg	10000000	398000 J	333000 J	738000 J	478000 J	1200000 J

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-BH-35*	*OU-4-BH-36*	*OU-4-BH-37*	*OU-4-BH-38*	*OU-4-BH-39*
Sample ID:			*S-2939-072503-SW-007*	*S-2939-072503-SW-012*	*S-2939-072503-SW-003*	*S-2939-072503-SW-016*	*S-2939-072503-SW-024*
Sample Date:			*7/25/2003*	*7/25/2003*	*7/25/2003*	*7/25/2003*	*7/25/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (7400)	ND (6500)	ND (5500)	ND (6400)	ND (6400)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (15000)	ND (13000)	ND (11000)	ND (13000)	ND (13000)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (7400)	ND (6500)	ND (5500)	ND (6400)	ND (6400)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (7400)	ND (6500)	ND (5500)	ND (6400)	ND (6400)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (7400)	ND (6500)	ND (5500)	ND (6400)	ND (6400)
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (7400)	ND (6500)	ND (5500)	ND (6400)	ND (6400)
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (7400)	ND (6500)	ND (5500)	ND (6400)	ND (6400)
Total PCBs	µg/kg	-	ND	ND	ND	ND	ND
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-BH-35*	*OU-4-BH-36*	*OU-4-BH-37*	*OU-4-BH-38*	*OU-4-BH-39*
Sample ID:			*S-2939-072503-SW-007*	*S-2939-072503-SW-012*	*S-2939-072503-SW-003*	*S-2939-072503-SW-016*	*S-2939-072503-SW-024*
Sample Date:			*7/25/2003*	*7/25/2003*	*7/25/2003*	*7/25/2003*	*7/25/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-

Notes:

greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

(Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-BH-40*	*OU-4-BH-41*	*OU-4-BH-42*	*OU-4-BH-43*	*OU-4-BH-44*
Sample ID:			*S-2939-072503-SW-020*	*S-2939-072703-RR-067*	*S-2939-072803-SW-072*	*S-2939-072703-RR-062*	*S-2939-072803-SW-075*
Sample Date:			*7/25/2003*	*7/27/2003*	*7/28/2003*	*7/27/2003*	*7/28/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-BH-40*	*OU-4-BH-41*	*OU-4-BH-42*	*OU-4-BH-43*	*OU-4-BH-44*
Sample ID:			*S-2939-072503-SW-020*	*S-2939-072703-RR-067*	*S-2939-072803-SW-072*	*S-2939-072703-RR-062*	*S-2939-072803-SW-075*
Sample Date:			*7/25/2003*	*7/27/2003*	*7/28/2003*	*7/27/2003*	*7/28/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	ND (370)	ND (360)	ND (410)	ND (37000)	ND (370)
1,2-Dichlorobenzene	µg/kg	1000000	ND (370)	ND (360)	ND (410)	ND (37000)	ND (370)
1,3-Dichlorobenzene	µg/kg	560000	ND (370)	ND (360)	ND (410)	ND (37000)	ND (370)
1,4-Dichlorobenzene	µg/kg	250000	ND (370)	ND (360)	ND (410)	ND (37000)	ND (370)
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	ND (370)	ND (360)	ND (410)	ND (37000)	ND (370)
2,4,5-Trichlorophenol	µg/kg	-	ND (930)	ND (900)	ND (1000)	ND (92000)	ND (930)
2,4,6-Trichlorophenol	µg/kg	-	ND (370)	ND (360)	ND (410)	ND (37000)	ND (370)
2,4-Dichlorophenol	µg/kg	-	ND (370)	ND (360)	ND (410)	ND (37000)	ND (370)
2,4-Dimethylphenol	µg/kg	-	ND (370)	ND (360)	ND (410)	ND (37000)	ND (370)
2,4-Dinitrophenol	µg/kg	-	ND (930)	ND (900)	ND (1000)	ND (92000)	ND (930)
2,4-Dinitrotoluene	µg/kg	-	ND (370)	ND (360)	ND (410)	ND (37000)	ND (370)
2,6-Dinitrotoluene	µg/kg	-	ND (370)	ND (360)	ND (410)	ND (37000)	ND (370)
2-Chloronaphthalene	µg/kg	-	ND (370)	ND (360)	ND (410)	ND (37000)	ND (370)
2-Chlorophenol	µg/kg	-	ND (370)	ND (360)	ND (410)	ND (37000)	ND (370)
2-Methylnaphthalene	µg/kg	-	200 J	200 J	ND (410)	30000 J	200 J
2-Methylphenol	µg/kg	1000000	ND (370)	ND (360)	ND (410)	ND (37000)	ND (370)
2-Nitroaniline	µg/kg	-	ND (930)	ND (900)	ND (1000)	ND (92000)	ND (930)
2-Nitrophenol	µg/kg	-	ND (370)	ND (360)	ND (410)	ND (37000)	ND (370)
3&4-Methylphenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	ND (370)	ND (360)	ND (410)	ND (37000)	ND (370)

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-BH-40*	*OU-4-BH-41*	*OU-4-BH-42*	*OU-4-BH-43*	*OU-4-BH-44*
Sample ID:			*S-2939-072503-SW-020*	*S-2939-072703-RR-067*	*S-2939-072803-SW-072*	*S-2939-072703-RR-062*	*S-2939-072803-SW-075*
Sample Date:			*7/25/2003*	*7/27/2003*	*7/28/2003*	*7/27/2003*	*7/28/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
3-Nitroaniline	µg/kg	-	ND (930)	ND (900)	ND (1000)	ND (92000)	ND (930)
4,6-Dinitro-2-methylphenol	µg/kg	-	ND (930)	ND (900)	ND (1000)	ND (92000)	ND (930)
4-Bromophenyl phenyl ether	µg/kg	-	ND (370)	ND (360)	ND (410)	ND (37000)	ND (370)
4-Chloro-3-methylphenol	µg/kg	-	ND (370)	ND (360)	ND (410)	ND (37000)	ND (370)
4-Chloroaniline	µg/kg	-	ND (370)	ND (360)	ND (410)	ND (37000)	ND (370)
4-Chlorophenyl phenyl ether	µg/kg	-	ND (370)	ND (360)	ND (410)	ND (37000)	ND (370)
4-Methylphenol	µg/kg	1000000	ND (370)	ND (360)	ND (410)	ND (37000)	ND (370)
4-Nitroaniline	µg/kg	-	ND (930)	ND (900)	ND (1000)	ND (92000)	ND (930)
4-Nitrophenol	µg/kg	-	ND (930)	ND (900)	ND (1000)	ND (92000)	ND (930)
Acenaphthene	µg/kg	1000000	90 J	ND (360)	100 J	40000	200 J
Acenaphthylene	µg/kg	1000000	1100	ND (360)	ND (410)	20000 J	990
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	570	100 J	400 J	100000	650
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	2100	300 J	1200	**180000**	2600
Benzo(a)pyrene	µg/kg	1100	**2400**	300 J	930	**150000**	**2900**
Benzo(b)fluoranthene	µg/kg	11000	2200	370	1200	**150000**	2500
Benzo(g,h,i)perylene	µg/kg	1000000	630	90 J	700	100000	1300
Benzo(k)fluoranthene	µg/kg	110000	1600	300 J	800	110000	2000
Benzoic acid	µg/kg	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	ND (370)	ND (360)	ND (410)	ND (37000)	ND (370)
bis(2-Chloroethyl)ether	µg/kg	-	ND (370)	ND (360)	ND (410)	ND (37000)	ND (370)
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	ND (370)	ND (360)	200 J	ND (37000)	300 J
Butyl benzylphthalate (BBP)	µg/kg	-	ND (370)	ND (360)	ND (410)	ND (37000)	ND (370)
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	80 J	ND (360)	200 J	30000 J	200 J
Chrysene	µg/kg	110000	2200	400	1300	**180000**	2500
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	80 J	ND (360)	ND (410)	ND (37000)	520
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	100 J	ND (360)	90 J	41000	100 J
Diethyl phthalate	µg/kg	-	ND (370)	ND (360)	ND (410)	ND (37000)	ND (370)
Dimethyl phthalate	µg/kg	-	ND (370)	ND (360)	ND (410)	ND (37000)	ND (370)
Di-n-butylphthalate (DBP)	µg/kg	-	ND (370)	ND (360)	ND (410)	ND (37000)	ND (370)
Di-n-octyl phthalate (DnOP)	µg/kg	-	ND (370)	ND (360)	ND (410)	ND (37000)	ND (370)
Fluoranthene	µg/kg	1000000	3000	720	2400	450000	3900

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-BH-40*	*OU-4-BH-41*	*OU-4-BH-42*	*OU-4-BH-43*	*OU-4-BH-44*
Sample ID:			*S-2939-072503-SW-020*	*S-2939-072703-RR-067*	*S-2939-072803-SW-072*	*S-2939-072703-RR-062*	*S-2939-072803-SW-075*
Sample Date:			*7/25/2003*	*7/27/2003*	*7/28/2003*	*7/27/2003*	*7/28/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Fluorene	µg/kg	1000000	ND (370)	ND (360)	100 J	46000	200 J
Hexachlorobenzene	µg/kg	12000	ND (370)	ND (360)	ND (410)	ND (37000)	ND (370)
Hexachlorobutadiene	µg/kg	-	ND (370)	ND (360)	ND (410)	ND (37000)	ND (370)
Hexachlorocyclopentadiene	µg/kg	-	ND (370)	ND (360)	ND (410)	ND (37000)	ND (370)
Hexachloroethane	µg/kg	-	ND (370)	ND (360)	ND (410)	ND (37000)	ND (370)
Indeno(1,2,3-cd)pyrene	µg/kg	11000	720	100 J	700	**96000**	1300
Isophorone	µg/kg	-	ND (370)	ND (360)	ND (410)	ND (37000)	ND (370)
Naphthalene	µg/kg	1000000	740	590	200 J	63000	510
Nitrobenzene	µg/kg	140000	ND (370)	ND (360)	ND (410)	ND (37000)	ND (370)
N-Nitrosodi-n-propylamine	µg/kg	-	ND (370)	ND (360)	ND (410)	ND (37000)	ND (370)
N-Nitrosodiphenylamine	µg/kg	-	ND (370)	ND (360)	ND (410)	ND (37000)	ND (370)
Pentachlorophenol	µg/kg	55000	ND (930)	ND (900)	ND (1000)	ND (92000)	ND (930)
Phenanthrene	µg/kg	1000000	1500	620	1600	390000	2100
Phenol	µg/kg	1000000	ND (370)	ND (360)	ND (410)	ND (37000)	ND (370)
Pyrene	µg/kg	1000000	3500	550	1900	310000	3900
Metals							
Aluminum	µg/kg	-	5180000	11100000	7490000	6520000	6100000
Antimony	µg/kg	-	ND (720) UJ	260 J	4000 J	ND (240) UJ	700 J
Arsenic	µg/kg	16000	10200 J	**19500**	**40500**	3700	7000
Barium	µg/kg	10000000	69000 J	8100	135000	57700	78700
Beryllium	µg/kg	2700000	270 J	130	520	470	460
Cadmium	µg/kg	60000	360	20	5800	ND (11)	780
Calcium	µg/kg	-	1780000	2840000	7710000	2320000	4140000
Chromium	µg/kg	-	12800	20300	22500	20500	15900
Cobalt	µg/kg	-	7000	1700	22500	5500	6100
Copper	µg/kg	10000000	235000 J	125000 J	5550000 J	53300 J	701000 J
Iron	µg/kg	-	10400000 J	10200000 J	20000000 J	24400000 J	13700000 J
Lead	µg/kg	3900000	174000 J	20500 J	483000 J	49800 J	206000 J
Magnesium	µg/kg	-	1760000	865000	3340000	1690000	2680000
Manganese	µg/kg	10000000	262000	54400 J	281000 J	143000 J	251000 J
Mercury	µg/kg	5700	670	23 J	290 J	740 J	140 J
Nickel	µg/kg	10000000	13000 J	3000	113000	12000	25000
Potassium	µg/kg	-	827000	1180000	1400000	888000	1130000
Selenium	µg/kg	6800000	830 J	ND (240) UJ	7700 J	ND (240) UJ	530 J
Silver	µg/kg	6800000	1000 J	170	23800	260	650
Sodium	µg/kg	-	72000	2940000	400000	139000	97200
Thallium	µg/kg	-	ND (470)	ND (250) UJ	ND (290) UJ	ND (250) UJ	ND (260) UJ
Vanadium	µg/kg	-	18700	32800	27600	33500	27200
Zinc	µg/kg	10000000	183000 J	31400 J	927000 J	104000 J	501000 J

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-BH-40*	*OU-4-BH-41*	*OU-4-BH-42*	*OU-4-BH-43*	*OU-4-BH-44*
Sample ID:			*S-2939-072503-SW-020*	*S-2939-072703-RR-067*	*S-2939-072803-SW-072*	*S-2939-072703-RR-062*	*S-2939-072803-SW-075*
Sample Date:			*7/25/2003*	*7/27/2003*	*7/28/2003*	*7/27/2003*	*7/28/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (5600)	ND (5400)	ND (6200)	ND (5500)	ND (5600)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (11000)	ND (11000)	ND (12000)	ND (11000)	ND (11000)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (5600)	ND (5400)	ND (6200)	ND (5500)	ND (5600)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (5600)	ND (5400)	ND (6200)	ND (5500)	ND (5600)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (5600)	ND (5400)	ND (6200)	ND (5500)	ND (5600)
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (5600)	ND (5400)	ND (6200)	ND (5500)	ND (5600)
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (5600)	ND (5400)	ND (6200)	ND (5500)	ND (5600)
Total PCBs	µg/kg	-	ND	ND	ND	ND	ND
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-BH-40*	*OU-4-BH-41*	*OU-4-BH-42*	*OU-4-BH-43*	*OU-4-BH-44*
Sample ID:			*S-2939-072503-SW-020*	*S-2939-072703-RR-067*	*S-2939-072803-SW-072*	*S-2939-072703-RR-062*	*S-2939-072803-SW-075*
Sample Date:			*7/25/2003*	*7/27/2003*	*7/28/2003*	*7/27/2003*	*7/28/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-

Notes:

greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

(Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-BH-45*	*OU-4-BH-46*	*OU-4-BH-47*	*OU-4-BH-48*	*OU-4-Boring 3*
Sample ID:			*S-2939-072503-SW-001*	*S-2939-072703-RR-044*	*S-2939-072703-RR-050*	*S-2939-072703-RR-057*	*S-2939-062603-SW-067*
Sample Date:			*7/25/2003*	*7/27/2003*	*7/27/2003*	*7/27/2003*	*6/26/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	ND (1)
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	ND (1)
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	ND (1)
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	ND (1)
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	ND (1)
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	ND (1)
Isopropyl benzene	µg/kg	-	-	-	-	-	ND (1)
m&p-Xylenes	µg/kg	-	-	-	-	-	ND (1)

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-BH-45*	*OU-4-BH-46*	*OU-4-BH-47*	*OU-4-BH-48*	*OU-4-Boring 3*
Sample ID:			*S-2939-072503-SW-001*	*S-2939-072703-RR-044*	*S-2939-072703-RR-050*	*S-2939-072703-RR-057*	*S-2939-062603-SW-067*
Sample Date:			*7/25/2003*	*7/27/2003*	*7/27/2003*	*7/27/2003*	*6/26/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	ND (1)
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	ND (1)
N-Butylbenzene	µg/kg	1000000	-	-	-	-	ND (1)
N-Propylbenzene	µg/kg	1000000	-	-	-	-	ND (1)
o-Xylene	µg/kg	-	-	-	-	-	ND (1)
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	ND (1)
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	ND (1)
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	ND (1)
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	ND (370)	ND (1100)	ND (370)	ND (370)	-
1,2-Dichlorobenzene	µg/kg	1000000	ND (370)	ND (1100)	ND (370)	ND (370)	-
1,3-Dichlorobenzene	µg/kg	560000	ND (370)	ND (1100)	ND (370)	ND (370)	-
1,4-Dichlorobenzene	µg/kg	250000	ND (370)	ND (1100)	ND (370)	ND (370)	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	ND (370)	ND (1100)	ND (370)	ND (370)	-
2,4,5-Trichlorophenol	µg/kg	-	ND (930)	ND (2700)	ND (920)	ND (930)	-
2,4,6-Trichlorophenol	µg/kg	-	ND (370)	ND (1100)	ND (370)	ND (370)	-
2,4-Dichlorophenol	µg/kg	-	ND (370)	ND (1100)	ND (370)	ND (370)	-
2,4-Dimethylphenol	µg/kg	-	ND (370)	ND (1100)	ND (370)	ND (370)	-
2,4-Dinitrophenol	µg/kg	-	ND (930)	ND (2700)	ND (920)	ND (930)	-
2,4-Dinitrotoluene	µg/kg	-	ND (370)	ND (1100)	ND (370)	ND (370)	-
2,6-Dinitrotoluene	µg/kg	-	ND (370)	ND (1100)	ND (370)	ND (370)	-
2-Chloronaphthalene	µg/kg	-	ND (370)	ND (1100)	ND (370)	ND (370)	-
2-Chlorophenol	µg/kg	-	ND (370)	ND (1100)	ND (370)	ND (370)	-
2-Methylnaphthalene	µg/kg	-	440	ND (1100)	100 J	200 J	-
2-Methylphenol	µg/kg	1000000	ND (370)	ND (1100)	ND (370)	ND (370)	-
2-Nitroaniline	µg/kg	-	ND (930)	ND (2700)	ND (920)	ND (930)	-
2-Nitrophenol	µg/kg	-	ND (370)	ND (1100)	ND (370)	ND (370)	-
3&4-Methylphenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	ND (370)	ND (1100)	ND (370)	ND (370)	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-BH-45*	*OU-4-BH-46*	*OU-4-BH-47*	*OU-4-BH-48*	*OU-4-Boring 3*
Sample ID:			*S-2939-072503-SW-001*	*S-2939-072703-RR-044*	*S-2939-072703-RR-050*	*S-2939-072703-RR-057*	*S-2939-062603-SW-067*
Sample Date:			*7/25/2003*	*7/27/2003*	*7/27/2003*	*7/27/2003*	*6/26/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
3-Nitroaniline	µg/kg	-	ND (930)	ND (2700)	ND (920)	ND (930)	-
4,6-Dinitro-2-methylphenol	µg/kg	-	ND (930)	ND (2700)	ND (920)	ND (930)	-
4-Bromophenyl phenyl ether	µg/kg	-	ND (370)	ND (1100)	ND (370)	ND (370)	-
4-Chloro-3-methylphenol	µg/kg	-	ND (370)	ND (1100)	ND (370)	ND (370)	-
4-Chloroaniline	µg/kg	-	ND (370)	ND (1100)	ND (370)	ND (370)	-
4-Chlorophenyl phenyl ether	µg/kg	-	ND (370)	ND (1100)	ND (370)	ND (370)	-
4-Methylphenol	µg/kg	1000000	ND (370)	ND (1100)	ND (370)	ND (370)	-
4-Nitroaniline	µg/kg	-	ND (930)	ND (2700)	ND (920)	ND (930)	-
4-Nitrophenol	µg/kg	-	ND (930)	ND (2700)	ND (920)	ND (930)	-
Acenaphthene	µg/kg	1000000	300 J	ND (1100)	100 J	200 J	ND (370)
Acenaphthylene	µg/kg	1000000	2000	ND (1100)	460	620	-
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	920	ND (1100)	410	670	ND (370)
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	3700	600 J	1300	2300	200 J
Benzo(a)pyrene	µg/kg	1100	**4300**	600 J	**1600**	**2400**	200 J
Benzo(b)fluoranthene	µg/kg	11000	4000	600 J	1600	3100	200 J
Benzo(g,h,i)perylene	µg/kg	1000000	2700	200 J	450	620	200 J
Benzo(k)fluoranthene	µg/kg	110000	1900	600 J	1100	1500	200 J
Benzoic acid	µg/kg	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	ND (370)	ND (1100)	ND (370)	ND (370)	-
bis(2-Chloroethyl)ether	µg/kg	-	ND (370)	ND (1100)	ND (370)	ND (370)	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	ND (370)	300 J	90 J	420	-
Butyl benzylphthalate (BBP)	µg/kg	-	ND (370)	ND (1100)	ND (370)	100 J	-
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	200 J	ND (1100)	200 J	100 J	-
Chrysene	µg/kg	110000	3800	700 J	1400	2300	200 J
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	820	ND (1100)	ND (370)	ND (370)	ND (370)
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	200 J	ND (1100)	100 J	100 J	-
Diethyl phthalate	µg/kg	-	ND (370)	ND (1100)	ND (370)	ND (370)	-
Dimethyl phthalate	µg/kg	-	ND (370)	ND (1100)	ND (370)	ND (370)	-
Di-n-butylphthalate (DBP)	µg/kg	-	ND (370)	ND (1100)	ND (370)	80 J	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	ND (370)	ND (1100)	ND (370)	ND (370)	-
Fluoranthene	µg/kg	1000000	4300	1200	2100	3700	440

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-BH-45*	*OU-4-BH-46*	*OU-4-BH-47*	*OU-4-BH-48*	*OU-4-Boring 3*
Sample ID:			*S-2939-072503-SW-001*	*S-2939-072703-RR-044*	*S-2939-072703-RR-050*	*S-2939-072703-RR-057*	*S-2939-062603-SW-067*
Sample Date:			*7/25/2003*	*7/27/2003*	*7/27/2003*	*7/27/2003*	*6/26/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Fluorene	µg/kg	1000000	200 J	ND (1100)	200 J	200 J	ND (370)
Hexachlorobenzene	µg/kg	12000	ND (370)	ND (1100)	ND (370)	ND (370)	-
Hexachlorobutadiene	µg/kg	-	ND (370)	ND (1100)	ND (370)	ND (370)	-
Hexachlorocyclopentadiene	µg/kg	-	ND (370)	ND (1100)	ND (370)	ND (370)	-
Hexachloroethane	µg/kg	-	ND (370)	ND (1100)	ND (370)	ND (370)	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	2600	300 J	480	660	100 J
Isophorone	µg/kg	-	ND (370)	ND (1100)	ND (370)	ND (370)	-
Naphthalene	µg/kg	1000000	720	ND (1100)	200 J	300 J	80 J
Nitrobenzene	µg/kg	140000	ND (370)	ND (1100)	ND (370)	ND (370)	-
N-Nitrosodi-n-propylamine	µg/kg	-	ND (370)	ND (1100)	ND (370)	ND (370)	-
N-Nitrosodiphenylamine	µg/kg	-	ND (370)	ND (1100)	ND (370)	ND (370)	-
Pentachlorophenol	µg/kg	55000	ND (930)	ND (2700)	ND (920)	ND (930)	-
Phenanthrene	µg/kg	1000000	2700	600 J	1500	2300	200 J
Phenol	µg/kg	1000000	ND (370)	ND (1100)	ND (370)	ND (370)	-
Pyrene	µg/kg	1000000	5700	1000 J	2100	3600	440
Metals							
Aluminum	µg/kg	-	7340000	7420000	6890000	5210000	5960000
Antimony	µg/kg	-	2300 J	ND (520) UJ	700 J	1000 J	2200 J
Arsenic	µg/kg	16000	11900 J	4400 J	8800	7000	**22000**
Barium	µg/kg	10000000	93300 J	114000 J	95900	100000	85300
Beryllium	µg/kg	2700000	390 J	370 J	460	310	370
Cadmium	µg/kg	60000	970	720	820	800	150
Calcium	µg/kg	-	3870000	71300000	6330000	27500000	4320000
Chromium	µg/kg	-	16600	27300	19200	57500	12700
Cobalt	µg/kg	-	7700	6500	6700	5300	8000
Copper	µg/kg	10000000	5250000 J	84900 J	525000 J	195000 J	582000
Iron	µg/kg	-	15000000 J	13400000 J	16400000 J	11800000 J	11300000
Lead	µg/kg	3900000	575000 J	173000 J	300000 J	184000 J	333000 J
Magnesium	µg/kg	-	2930000	3160000	2790000	4290000	1960000
Manganese	µg/kg	10000000	245000	300000	314000 J	208000 J	360000
Mercury	µg/kg	5700	820	250	710 J	1100 J	190
Nickel	µg/kg	10000000	61500 J	18900 J	22900	17600	14300
Potassium	µg/kg	-	1140000	912000	973000	1030000	978000
Selenium	µg/kg	6800000	1200 J	ND (410) UJ	750 J	380 J	14400
Silver	µg/kg	6800000	3400 J	ND (110) UJ	4500	1300	7600 J
Sodium	µg/kg	-	168000	270000	149000	110000	113000
Thallium	µg/kg	-	490	ND (460)	ND (260) UJ	ND (260) UJ	ND (260)
Vanadium	µg/kg	-	25800	34200	33900	20900	18800
Zinc	µg/kg	10000000	813000 J	180000 J	418000 J	592000 J	122000

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-BH-45*	*OU-4-BH-46*	*OU-4-BH-47*	*OU-4-BH-48*	*OU-4-Boring 3*
Sample ID:			*S-2939-072503-SW-001*	*S-2939-072703-RR-044*	*S-2939-072703-RR-050*	*S-2939-072703-RR-057*	*S-2939-062603-SW-067*
Sample Date:			*7/25/2003*	*7/27/2003*	*7/27/2003*	*7/27/2003*	*6/26/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (5600)	ND (5500)	ND (5600)	ND (5600)	ND (5600)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (11000)	ND (11000)	ND (11000)	ND (11000)	ND (11000)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (5600)	ND (5500)	ND (5600)	ND (5600)	ND (5600)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (5600)	ND (5500)	ND (5600)	ND (5600)	ND (5600)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (5600)	ND (5500)	ND (5600)	ND (5600)	ND (5600)
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (5600)	ND (5500)	ND (5600)	ND (5600)	ND (5600)
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (5600)	ND (5500)	ND (5600)	ND (5600)	ND (5600)
Total PCBs	µg/kg	-	ND	ND	ND	ND	ND
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	110000

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-BH-45*	*OU-4-BH-46*	*OU-4-BH-47*	*OU-4-BH-48*	*OU-4-Boring 3*
Sample ID:			*S-2939-072503-SW-001*	*S-2939-072703-RR-044*	*S-2939-072703-RR-050*	*S-2939-072703-RR-057*	*S-2939-062603-SW-067*
Sample Date:			*7/25/2003*	*7/27/2003*	*7/27/2003*	*7/27/2003*	*6/26/2003*
Sample Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	11.4
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-

Notes:

greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

(Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-S-001*	*OU-4-S-001*	*OU-4-Elevated Soils Area 10 - East Half*	*OU-4-Elevated Soils Area 10 - West Half*
Sample ID:			*S-34084-103103-SW-001*	*S-34084-103103-SW-002*	*S-111003-SW-001*	*S-111303-SD-001*
Sample Date:			*10/31/2003*	*10/31/2003*	*11/10/2003*	*11/13/2003*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*1 ft*
		RUSCO		*Duplicate*		
Parameter	*Units*	*Criteria*				
Volatiles						
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-S-001*	*OU-4-S-001*	*OU-4-Elevated Soils Area 10 - East Half*	*OU-4-Elevated Soils Area 10 - West Half*
Sample ID:			*S-34084-103103-SW-001*	*S-34084-103103-SW-002*	*S-111003-SW-001*	*S-111303-SD-001*
Sample Date:			*10/31/2003*	*10/31/2003*	*11/10/2003*	*11/13/2003*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*1 ft*
		RUSCO		*Duplicate*		
Parameter	*Units*	*Criteria*				
Methyl acetate	µg/kg	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-S-001*	*OU-4-S-001*	*OU-4-Elevated Soils Area 10 - East Half*	*OU-4-Elevated Soils Area 10 - West Half*
Sample ID:			*S-34084-103103-SW-001*	*S-34084-103103-SW-002*	*S-111003-SW-001*	*S-111303-SD-001*
Sample Date:			*10/31/2003*	*10/31/2003*	*11/10/2003*	*11/13/2003*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*1 ft*
		RUSCO		*Duplicate*		
Parameter	*Units*	*Criteria*				
3-Nitroaniline	µg/kg	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-S-001*	*OU-4-S-001*	*OU-4-Elevated Soils Area 10 - East Half*	*OU-4-Elevated Soils Area 10 - West Half*
Sample ID:			*S-34084-103103-SW-001*	*S-34084-103103-SW-002*	*S-111003-SW-001*	*S-111303-SD-001*
Sample Date:			*10/31/2003*	*10/31/2003*	*11/10/2003*	*11/13/2003*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*1 ft*
		RUSCO		*Duplicate*		
Parameter	*Units*	*Criteria*				
Fluorene	µg/kg	1000000	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-
Metals						
Aluminum	µg/kg	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-
Calcium	µg/kg	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-
Iron	µg/kg	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-
Potassium	µg/kg	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-
Sodium	µg/kg	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-S-001*	*OU-4-S-001*	*OU-4-Elevated Soils Area 10 - East Half*	*OU-4-Elevated Soils Area 10 - West Half*
Sample ID:			*S-34084-103103-SW-001*	*S-34084-103103-SW-002*	*S-111003-SW-001*	*S-111303-SD-001*
Sample Date:			*10/31/2003*	*10/31/2003*	*11/10/2003*	*11/13/2003*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*1 ft*
		RUSCO		*Duplicate*		
Parameter	*Units*	*Criteria*				
PCBs						
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (550)	ND (560)	ND (560)	ND (530)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (550)	ND (560)	ND (560)	ND (530)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (550)	ND (560)	ND (560)	ND (530)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (550)	ND (560)	ND (560)	ND (530)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (550)	ND (560)	ND (560)	ND (530)
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (550)	ND (560)	ND (560)	ND (530)
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (550)	ND (560)	ND (560)	ND (530)
Total PCBs	µg/kg	-	ND	ND	ND	ND
Pesticides						
4,4'-DDD	µg/kg	180000	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-
Petroleum Hydrocarbons						
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-S-001*	*OU-4-S-001*	*OU-4-Elevated Soils Area 10 - East Half*	*OU-4-Elevated Soils Area 10 - West Half*
Sample ID:			*S-34084-103103-SW-001*	*S-34084-103103-SW-002*	*S-111003-SW-001*	*S-111303-SD-001*
Sample Date:			*10/31/2003*	*10/31/2003*	*11/10/2003*	*11/13/2003*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*1 ft*
		RUSCO		*Duplicate*		
Parameter	*Units*	*Criteria*				
General Chemistry						
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-
Percent moisture	%	-	-	-	-	-
pH	s.u.	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-
Total solids	%	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-

Notes:

greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

(Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-S-002*	*OU-4-S-003*	*OU-4-SS-001*	*OU-4-SS-001*	*OU-4-SS-002*
Sample ID:			*S-34084-103103-SW-003*	*S-34084-103103-SW-004*	*SS-2939-062503-SW-001*	*SS-34084-101503-SW-001*	*SS-2939-062503-SW-002*
Sample Date:			*10/31/2003*	*10/31/2003*	*6/25/2003*	*10/15/2003*	*6/25/2003*
Sample Depth:			*1.5 ft*	*1.5 ft*	*0-0.5 ft BGS*	*0-1 ft BGS*	*0-0.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-S-002*	*OU-4-S-003*	*OU-4-SS-001*	*OU-4-SS-001*	*OU-4-SS-002*
Sample ID:			*S-34084-103103-SW-003*	*S-34084-103103-SW-004*	*SS-2939-062503-SW-001*	*SS-34084-101503-SW-001*	*SS-2939-062503-SW-002*
Sample Date:			*10/31/2003*	*10/31/2003*	*6/25/2003*	*10/15/2003*	*6/25/2003*
Sample Depth:			*1.5 ft*	*1.5 ft*	*0-0.5 ft BGS*	*0-1 ft BGS*	*0-0.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	-	ND (72000)	-	ND (820)
1,2-Dichlorobenzene	µg/kg	1000000	-	-	ND (72000)	-	ND (820)
1,3-Dichlorobenzene	µg/kg	560000	-	-	ND (72000)	-	ND (820)
1,4-Dichlorobenzene	µg/kg	250000	-	-	ND (72000)	-	ND (820)
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	ND (72000)	-	ND (820)
2,4,5-Trichlorophenol	µg/kg	-	-	-	ND (180000)	-	ND (2100)
2,4,6-Trichlorophenol	µg/kg	-	-	-	ND (72000)	-	ND (820)
2,4-Dichlorophenol	µg/kg	-	-	-	ND (72000)	-	ND (820)
2,4-Dimethylphenol	µg/kg	-	-	-	ND (72000)	-	ND (820)
2,4-Dinitrophenol	µg/kg	-	-	-	ND (180000)	-	ND (2100)
2,4-Dinitrotoluene	µg/kg	-	-	-	ND (72000)	-	ND (820)
2,6-Dinitrotoluene	µg/kg	-	-	-	ND (72000)	-	ND (820)
2-Chloronaphthalene	µg/kg	-	-	-	ND (72000)	-	ND (820)
2-Chlorophenol	µg/kg	-	-	-	ND (72000)	-	ND (820)
2-Methylnaphthalene	µg/kg	-	-	-	20000 J	-	ND (820)
2-Methylphenol	µg/kg	1000000	-	-	ND (72000)	-	ND (820)
2-Nitroaniline	µg/kg	-	-	-	ND (180000)	-	ND (2100)
2-Nitrophenol	µg/kg	-	-	-	ND (72000)	-	ND (820)
3&4-Methylphenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	ND (72000)	-	ND (820)

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-S-002*	*OU-4-S-003*	*OU-4-SS-001*	*OU-4-SS-001*	*OU-4-SS-002*
Sample ID:			*S-34084-103103-SW-003*	*S-34084-103103-SW-004*	*SS-2939-062503-SW-001*	*SS-34084-101503-SW-001*	*SS-2939-062503-SW-002*
Sample Date:			*10/31/2003*	*10/31/2003*	*6/25/2003*	*10/15/2003*	*6/25/2003*
Sample Depth:			*1.5 ft*	*1.5 ft*	*0-0.5 ft BGS*	*0-1 ft BGS*	*0-0.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
3-Nitroaniline	µg/kg	-	-	-	ND (180000)	-	ND (2100)
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	ND (180000)	-	ND (2100)
4-Bromophenyl phenyl ether	µg/kg	-	-	-	ND (72000)	-	ND (820)
4-Chloro-3-methylphenol	µg/kg	-	-	-	ND (72000)	-	ND (820)
4-Chloroaniline	µg/kg	-	-	-	ND (72000)	-	ND (820)
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	ND (72000)	-	ND (820)
4-Methylphenol	µg/kg	1000000	-	-	ND (72000)	-	ND (820)
4-Nitroaniline	µg/kg	-	-	-	ND (180000)	-	ND (2100)
4-Nitrophenol	µg/kg	-	-	-	ND (180000)	-	ND (2100)
Acenaphthene	µg/kg	1000000	-	-	50000 J	-	500 J
Acenaphthylene	µg/kg	1000000	-	-	ND (72000)	-	200 J
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	120000	-	2100
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	**250000**	-	6400
Benzo(a)pyrene	µg/kg	1100	-	-	**180000**	-	**5700**
Benzo(b)fluoranthene	µg/kg	11000	-	-	**180000**	-	5400
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	110000	-	3000
Benzo(k)fluoranthene	µg/kg	110000	-	-	**160000**	-	5200
Benzoic acid	µg/kg	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	ND (72000)	-	ND (820)
bis(2-Chloroethyl)ether	µg/kg	-	-	-	ND (72000)	-	ND (820)
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	ND (72000)	-	2300
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	ND (72000)	-	11000
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	60000 J	-	1100
Chrysene	µg/kg	110000	-	-	**240000**	-	6100
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	ND (72000)	-	300 J
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	40000 J	-	400 J
Diethyl phthalate	µg/kg	-	-	-	ND (72000)	-	ND (820)
Dimethyl phthalate	µg/kg	-	-	-	ND (72000)	-	ND (820)
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	ND (72000)	-	400 J
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	ND (72000)	-	ND (820)
Fluoranthene	µg/kg	1000000	-	-	550000	-	10000

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-S-002*	*OU-4-S-003*	*OU-4-SS-001*	*OU-4-SS-001*	*OU-4-SS-002*
Sample ID:			*S-34084-103103-SW-003*	*S-34084-103103-SW-004*	*SS-2939-062503-SW-001*	*SS-34084-101503-SW-001*	*SS-2939-062503-SW-002*
Sample Date:			*10/31/2003*	*10/31/2003*	*6/25/2003*	*10/15/2003*	*6/25/2003*
Sample Depth:			*1.5 ft*	*1.5 ft*	*0-0.5 ft BGS*	*0-1 ft BGS*	*0-0.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Fluorene	µg/kg	1000000	-	-	50000 J	-	600 J
Hexachlorobenzene	µg/kg	12000	-	-	ND (72000)	-	ND (820)
Hexachlorobutadiene	µg/kg	-	-	-	ND (72000)	-	ND (820)
Hexachlorocyclopentadiene	µg/kg	-	-	-	ND (72000)	-	ND (820)
Hexachloroethane	µg/kg	-	-	-	ND (72000)	-	ND (820)
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	**110000**	-	3000
Isophorone	µg/kg	-	-	-	ND (72000)	-	ND (820)
Naphthalene	µg/kg	1000000	-	-	40000 J	-	200 J
Nitrobenzene	µg/kg	140000	-	-	ND (72000)	-	ND (820)
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	ND (72000)	-	ND (820)
N-Nitrosodiphenylamine	µg/kg	-	-	-	ND (72000)	-	ND (820)
Pentachlorophenol	µg/kg	55000	-	-	ND (180000)	-	ND (2100)
Phenanthrene	µg/kg	1000000	-	-	560000	-	7800
Phenol	µg/kg	1000000	-	-	ND (72000)	-	ND (820)
Pyrene	µg/kg	1000000	-	-	490000	-	9700
Metals							
Aluminum	µg/kg	-	-	-	11000000 J	-	5380000 J
Antimony	µg/kg	-	-	-	16900 J	-	8800 J
Arsenic	µg/kg	16000	-	-	**58800**	-	**94500**
Barium	µg/kg	10000000	-	-	160000	-	1960000
Beryllium	µg/kg	2700000	-	-	640	-	310
Cadmium	µg/kg	60000	-	-	3900	-	5600
Calcium	µg/kg	-	-	-	5550000 J	-	50400000 J
Chromium	µg/kg	-	-	-	50400 J	-	85800 J
Cobalt	µg/kg	-	-	-	13000	-	12200
Copper	µg/kg	10000000	-	-	2320000	-	2150000
Iron	µg/kg	-	-	-	34600000	-	21500000
Lead	µg/kg	3900000	-	-	**4040000**	-	1960000
Magnesium	µg/kg	-	-	-	1510000	-	3580000
Manganese	µg/kg	10000000	-	-	196000 J	-	252000 J
Mercury	µg/kg	5700	-	-	3800	-	2100
Nickel	µg/kg	10000000	-	-	86700 J	-	65500 J
Potassium	µg/kg	-	-	-	1980000	-	729000
Selenium	µg/kg	6800000	-	-	16300	-	125000
Silver	µg/kg	6800000	-	-	19600 J	-	26200 J
Sodium	µg/kg	-	-	-	226000	-	359000
Thallium	µg/kg	-	-	-	ND (1600) U	-	ND (1200) U
Vanadium	µg/kg	-	-	-	47600	-	27300
Zinc	µg/kg	10000000	-	-	639000	-	1370000

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-S-002*	*OU-4-S-003*	*OU-4-SS-001*	*OU-4-SS-001*	*OU-4-SS-002*
Sample ID:			*S-34084-103103-SW-003*	*S-34084-103103-SW-004*	*SS-2939-062503-SW-001*	*SS-34084-101503-SW-001*	*SS-2939-062503-SW-002*
Sample Date:			*10/31/2003*	*10/31/2003*	*6/25/2003*	*10/15/2003*	*6/25/2003*
Sample Depth:			*1.5 ft*	*1.5 ft*	*0-0.5 ft BGS*	*0-1 ft BGS*	*0-0.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (590)	ND (580)	ND (5400)	ND (600)	ND (6200)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (590)	ND (580)	ND (11000)	ND (1200)	ND (12000)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (590)	ND (580)	ND (5400)	ND (600)	ND (6200)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (590)	ND (580)	ND (5400)	ND (600)	ND (6200)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (590)	ND (580)	ND (5400)	620	ND (6200)
Aroclor-1254 (PCB-1254)	µg/kg	-	2200	3200 J	ND (5400)	1600	3900 J
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (590)	1800 J	ND (5400)	ND (600)	ND (6200)
Total PCBs	µg/kg	-	2200	5000	ND	2220	3900
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-S-002*	*OU-4-S-003*	*OU-4-SS-001*	*OU-4-SS-001*	*OU-4-SS-002*
Sample ID:			*S-34084-103103-SW-003*	*S-34084-103103-SW-004*	*SS-2939-062503-SW-001*	*SS-34084-101503-SW-001*	*SS-2939-062503-SW-002*
Sample Date:			*10/31/2003*	*10/31/2003*	*6/25/2003*	*10/15/2003*	*6/25/2003*
Sample Depth:			*1.5 ft*	*1.5 ft*	*0-0.5 ft BGS*	*0-1 ft BGS*	*0-0.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-

Notes:

greater than the Instrument Detection Limits.
D - Compounds at secondary dilution factor.
(Inorganics).
E - Exceed calibration range of GC/MS instrument (Organics).
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
R - Rejected.
S - Value determined by the method of standard Addition.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
X - Result may have been masked by the positive detection of another Aroclor.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-SS-002*	*OU-4-SS-003*	*OU-4-SS-004*	*OU-4-SS-004*	*OU-4-SS-005*
Sample ID:			*SS-34084-101503-SW-002*	*SS-2939-062503-SW-003*	*SS-2939-062503-SW-004*	*SS-34084-101503-SW-004*	*SS-34084-101503-SW-005*
Sample Date:			*10/15/2003*	*6/25/2003*	*6/25/2003*	*10/15/2003*	*10/15/2003*
Sample Depth:			*0-1 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-SS-002*	*OU-4-SS-003*	*OU-4-SS-004*	*OU-4-SS-004*	*OU-4-SS-005*
Sample ID:			*SS-34084-101503-SW-002*	*SS-2939-062503-SW-003*	*SS-2939-062503-SW-004*	*SS-34084-101503-SW-004*	*SS-34084-101503-SW-005*
Sample Date:			*10/15/2003*	*6/25/2003*	*6/25/2003*	*10/15/2003*	*10/15/2003*
Sample Depth:			*0-1 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	ND (1900)	ND (3800)	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	ND (1900)	ND (3800)	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	ND (1900)	ND (3800)	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	ND (1900)	ND (3800)	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	ND (1900)	ND (3800)	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	ND (4700)	ND (9600)	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	ND (1900)	ND (3800)	-	-
2,4-Dichlorophenol	µg/kg	-	-	ND (1900)	ND (3800)	-	-
2,4-Dimethylphenol	µg/kg	-	-	ND (1900)	ND (3800)	-	-
2,4-Dinitrophenol	µg/kg	-	-	ND (4700)	ND (9600)	-	-
2,4-Dinitrotoluene	µg/kg	-	-	ND (1900)	ND (3800)	-	-
2,6-Dinitrotoluene	µg/kg	-	-	ND (1900)	ND (3800)	-	-
2-Chloronaphthalene	µg/kg	-	-	ND (1900)	ND (3800)	-	-
2-Chlorophenol	µg/kg	-	-	ND (1900)	ND (3800)	-	-
2-Methylnaphthalene	µg/kg	-	-	600 J	3000 J	-	-
2-Methylphenol	µg/kg	1000000	-	ND (1900)	ND (3800)	-	-
2-Nitroaniline	µg/kg	-	-	ND (4700)	ND (9600)	-	-
2-Nitrophenol	µg/kg	-	-	ND (1900)	ND (3800)	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	ND (1900)	ND (3800)	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-SS-002*	*OU-4-SS-003*	*OU-4-SS-004*	*OU-4-SS-004*	*OU-4-SS-005*
Sample ID:			*SS-34084-101503-SW-002*	*SS-2939-062503-SW-003*	*SS-2939-062503-SW-004*	*SS-34084-101503-SW-004*	*SS-34084-101503-SW-005*
Sample Date:			*10/15/2003*	*6/25/2003*	*6/25/2003*	*10/15/2003*	*10/15/2003*
Sample Depth:			*0-1 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
3-Nitroaniline	µg/kg	-	-	ND (4700)	ND (9600)	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	ND (4700)	ND (9600)	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	ND (1900)	ND (3800)	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	ND (1900)	ND (3800)	-	-
4-Chloroaniline	µg/kg	-	-	ND (1900)	ND (3800)	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	ND (1900)	ND (3800)	-	-
4-Methylphenol	µg/kg	1000000	-	ND (1900)	ND (3800)	-	-
4-Nitroaniline	µg/kg	-	-	ND (4700)	ND (9600)	-	-
4-Nitrophenol	µg/kg	-	-	ND (4700)	ND (9600)	-	-
Acenaphthene	µg/kg	1000000	-	1000 J	6600	-	-
Acenaphthylene	µg/kg	1000000	-	800 J	ND (3800)	-	-
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	4400	18000	-	-
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	**12000**	**28000**	-	-
Benzo(a)pyrene	µg/kg	1100	-	**11000**	**20000**	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	11000	**19000**	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	6300	9900	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	8700	18000	-	-
Benzoic acid	µg/kg	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	ND (1900)	ND (3800)	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	ND (1900)	ND (3800)	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	18000	ND (3800)	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	2000	ND (3800)	-	-
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	-	2300	6200	-	-
Chrysene	µg/kg	110000	-	12000	27000	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	400 J	1000 J	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	1000 J	4300	-	-
Diethyl phthalate	µg/kg	-	-	ND (1900)	ND (3800)	-	-
Dimethyl phthalate	µg/kg	-	-	ND (1900)	ND (3800)	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	ND (1900)	ND (3800)	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	ND (1900)	ND (3800)	-	-
Fluoranthene	µg/kg	1000000	-	23000	52000	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-SS-002*	*OU-4-SS-003*	*OU-4-SS-004*	*OU-4-SS-004*	*OU-4-SS-005*
Sample ID:			*SS-34084-101503-SW-002*	*SS-2939-062503-SW-003*	*SS-2939-062503-SW-004*	*SS-34084-101503-SW-004*	*SS-34084-101503-SW-005*
Sample Date:			*10/15/2003*	*6/25/2003*	*6/25/2003*	*10/15/2003*	*10/15/2003*
Sample Depth:			*0-1 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Fluorene	µg/kg	1000000	-	1000 J	6400	-	-
Hexachlorobenzene	µg/kg	12000	-	ND (1900)	ND (3800)	-	-
Hexachlorobutadiene	µg/kg	-	-	ND (1900)	ND (3800)	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	ND (1900)	ND (3800)	-	-
Hexachloroethane	µg/kg	-	-	ND (1900)	ND (3800)	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	6200	9800	-	-
Isophorone	µg/kg	-	-	ND (1900)	ND (3800)	-	-
Naphthalene	µg/kg	1000000	-	1000 J	3000 J	-	-
Nitrobenzene	µg/kg	140000	-	ND (1900)	ND (3800)	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	ND (1900)	ND (3800)	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	ND (1900)	ND (3800)	-	-
Pentachlorophenol	µg/kg	55000	-	ND (4700)	ND (9600)	-	-
Phenanthrene	µg/kg	1000000	-	20000	61000	-	-
Phenol	µg/kg	1000000	-	ND (1900)	ND (3800)	-	-
Pyrene	µg/kg	1000000	-	22000	51000	-	-
Metals							
Aluminum	µg/kg	-	-	10500000 J	8530000 J	-	-
Antimony	µg/kg	-	-	24200 J	33700 J	-	-
Arsenic	µg/kg	16000	-	**72100**	**114000**	-	-
Barium	µg/kg	10000000	-	542000	307000	-	-
Beryllium	µg/kg	2700000	-	430	650	-	-
Cadmium	µg/kg	60000	-	5500	2300	-	-
Calcium	µg/kg	-	-	13800000 J	8900000 J	-	-
Chromium	µg/kg	-	-	40800 J	44100 J	-	-
Cobalt	µg/kg	-	-	14800	11300	-	-
Copper	µg/kg	10000000	-	2820000	2570000	-	-
Iron	µg/kg	-	-	26300000	29100000	-	-
Lead	µg/kg	3900000	-	1890000	1990000	-	-
Magnesium	µg/kg	-	-	3860000	1820000	-	-
Manganese	µg/kg	10000000	-	404000 J	252000 J	-	-
Mercury	µg/kg	5700	-	3300	2300	-	-
Nickel	µg/kg	10000000	-	166000 J	102000 J	-	-
Potassium	µg/kg	-	-	1060000	1030000	-	-
Selenium	µg/kg	6800000	-	19900	18800	-	-
Silver	µg/kg	6800000	-	32300 J	35100 J	-	-
Sodium	µg/kg	-	-	789000	187000	-	-
Thallium	µg/kg	-	-	ND (1100) U	ND (1300) U	-	-
Vanadium	µg/kg	-	-	32600	40300	-	-
Zinc	µg/kg	10000000	-	1510000	846000	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-SS-002*	*OU-4-SS-003*	*OU-4-SS-004*	*OU-4-SS-004*	*OU-4-SS-005*
Sample ID:			*SS-34084-101503-SW-002*	*SS-2939-062503-SW-003*	*SS-2939-062503-SW-004*	*SS-34084-101503-SW-004*	*SS-34084-101503-SW-005*
Sample Date:			*10/15/2003*	*6/25/2003*	*6/25/2003*	*10/15/2003*	*10/15/2003*
Sample Depth:			*0-1 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (590)	ND (5700)	ND (5800)	ND (580)	ND (580)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (1200)	ND (11000)	ND (12000)	ND (1200)	ND (1200)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (590)	ND (5700)	ND (5800)	ND (580)	ND (580)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (590)	ND (5700)	ND (5800)	ND (580)	ND (580)
Aroclor-1248 (PCB-1248)	µg/kg	-	650	ND (5700)	ND (5800)	880 J	470 J
Aroclor-1254 (PCB-1254)	µg/kg	-	2800	ND (5700)	ND (5800)	2400	2400
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (590)	ND (5700)	ND (5800)	ND (580)	ND (580)
Total PCBs	µg/kg	-	3450	ND	ND	3280	2870
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-SS-002*	*OU-4-SS-003*	*OU-4-SS-004*	*OU-4-SS-004*	*OU-4-SS-005*
Sample ID:			*SS-34084-101503-SW-002*	*SS-2939-062503-SW-003*	*SS-2939-062503-SW-004*	*SS-34084-101503-SW-004*	*SS-34084-101503-SW-005*
Sample Date:			*10/15/2003*	*6/25/2003*	*6/25/2003*	*10/15/2003*	*10/15/2003*
Sample Depth:			*0-1 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-

Notes:

greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

(Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-SS-006*	*OU-4-SS-006*	*OU-4-SS-007*	*OU-4-SS-007*	*OU-4-SS-008*
Sample ID:			*SS-2939-062503-SW-006*	*SS-34084-101503-SW-006*	*SS-2939-062503-SW-007*	*SS-34084-101503-SW-007*	*SS-2939-062503-SW-008*
Sample Date:			*6/25/2003*	*10/15/2003*	*6/25/2003*	*10/15/2003*	*6/25/2003*
Sample Depth:			*0-0.5 ft BGS*	*0-1 ft BGS*	*0-0.5 ft BGS*	*0-1 ft BGS*	*0-0.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-SS-006*	*OU-4-SS-006*	*OU-4-SS-007*	*OU-4-SS-007*	*OU-4-SS-008*
Sample ID:			*SS-2939-062503-SW-006*	*SS-34084-101503-SW-006*	*SS-2939-062503-SW-007*	*SS-34084-101503-SW-007*	*SS-2939-062503-SW-008*
Sample Date:			*6/25/2003*	*10/15/2003*	*6/25/2003*	*10/15/2003*	*6/25/2003*
Sample Depth:			*0-0.5 ft BGS*	*0-1 ft BGS*	*0-0.5 ft BGS*	*0-1 ft BGS*	*0-0.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	ND (360)	-	ND (380)	-	ND (370)
1,2-Dichlorobenzene	µg/kg	1000000	ND (360)	-	ND (380)	-	ND (370)
1,3-Dichlorobenzene	µg/kg	560000	ND (360)	-	ND (380)	-	ND (370)
1,4-Dichlorobenzene	µg/kg	250000	ND (360)	-	ND (380)	-	ND (370)
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	ND (360)	-	ND (380)	-	ND (370)
2,4,5-Trichlorophenol	µg/kg	-	ND (910)	-	ND (950)	-	ND (920)
2,4,6-Trichlorophenol	µg/kg	-	ND (360)	-	ND (380)	-	ND (370)
2,4-Dichlorophenol	µg/kg	-	ND (360)	-	ND (380)	-	ND (370)
2,4-Dimethylphenol	µg/kg	-	ND (360)	-	ND (380)	-	ND (370)
2,4-Dinitrophenol	µg/kg	-	ND (910)	-	ND (950)	-	ND (920)
2,4-Dinitrotoluene	µg/kg	-	ND (360)	-	ND (380)	-	ND (370)
2,6-Dinitrotoluene	µg/kg	-	ND (360)	-	ND (380)	-	ND (370)
2-Chloronaphthalene	µg/kg	-	ND (360)	-	ND (380)	-	ND (370)
2-Chlorophenol	µg/kg	-	ND (360)	-	ND (380)	-	ND (370)
2-Methylnaphthalene	µg/kg	-	200 J	-	200 J	-	90 J
2-Methylphenol	µg/kg	1000000	ND (360)	-	ND (380)	-	ND (370)
2-Nitroaniline	µg/kg	-	ND (910)	-	ND (950)	-	ND (920)
2-Nitrophenol	µg/kg	-	ND (360)	-	ND (380)	-	ND (370)
3&4-Methylphenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	ND (360)	-	ND (380)	-	ND (370)

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-SS-006*	*OU-4-SS-006*	*OU-4-SS-007*	*OU-4-SS-007*	*OU-4-SS-008*
Sample ID:			*SS-2939-062503-SW-006*	*SS-34084-101503-SW-006*	*SS-2939-062503-SW-007*	*SS-34084-101503-SW-007*	*SS-2939-062503-SW-008*
Sample Date:			*6/25/2003*	*10/15/2003*	*6/25/2003*	*10/15/2003*	*6/25/2003*
Sample Depth:			*0-0.5 ft BGS*	*0-1 ft BGS*	*0-0.5 ft BGS*	*0-1 ft BGS*	*0-0.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
3-Nitroaniline	µg/kg	-	ND (910)	-	ND (950)	-	ND (920)
4,6-Dinitro-2-methylphenol	µg/kg	-	ND (910)	-	ND (950)	-	ND (920)
4-Bromophenyl phenyl ether	µg/kg	-	ND (360)	-	ND (380)	-	ND (370)
4-Chloro-3-methylphenol	µg/kg	-	ND (360)	-	ND (380)	-	ND (370)
4-Chloroaniline	µg/kg	-	ND (360)	-	ND (380)	-	ND (370)
4-Chlorophenyl phenyl ether	µg/kg	-	ND (360)	-	ND (380)	-	ND (370)
4-Methylphenol	µg/kg	1000000	ND (360)	-	ND (380)	-	ND (370)
4-Nitroaniline	µg/kg	-	ND (910)	-	ND (950)	-	ND (920)
4-Nitrophenol	µg/kg	-	ND (910)	-	ND (950)	-	ND (920)
Acenaphthene	µg/kg	1000000	300 J	-	200 J	-	90 J
Acenaphthylene	µg/kg	1000000	ND (360)	-	300 J	-	ND (370)
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	760	-	920	-	300 J
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	2300	-	3000	-	1100
Benzo(a)pyrene	µg/kg	1100	**1900**	-	**1900**	-	960
Benzo(b)fluoranthene	µg/kg	11000	2300	-	3000	-	1400
Benzo(g,h,i)perylene	µg/kg	1000000	980	-	900	-	450
Benzo(k)fluoranthene	µg/kg	110000	1400	-	1900	-	920
Benzoic acid	µg/kg	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	ND (360)	-	ND (380)	-	ND (370)
bis(2-Chloroethyl)ether	µg/kg	-	ND (360)	-	ND (380)	-	ND (370)
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	410	-	700	-	430
Butyl benzylphthalate (BBP)	µg/kg	-	ND (360)	-	100 J	-	100 J
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	400	-	520	-	100 J
Chrysene	µg/kg	110000	2200	-	2800	-	1300
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	100 J	-	ND (380)	-	ND (370)
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	200 J	-	450	-	ND (370)
Diethyl phthalate	µg/kg	-	ND (360)	-	ND (380)	-	ND (370)
Dimethyl phthalate	µg/kg	-	ND (360)	-	ND (380)	-	ND (370)
Di-n-butylphthalate (DBP)	µg/kg	-	90 J	-	3100	-	100 J
Di-n-octyl phthalate (DnOP)	µg/kg	-	ND (360)	-	1200	-	80 J
Fluoranthene	µg/kg	1000000	3800	-	4900	-	2000

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-SS-006*	*OU-4-SS-006*	*OU-4-SS-007*	*OU-4-SS-007*	*OU-4-SS-008*
Sample ID:			*SS-2939-062503-SW-006*	*SS-34084-101503-SW-006*	*SS-2939-062503-SW-007*	*SS-34084-101503-SW-007*	*SS-2939-062503-SW-008*
Sample Date:			*6/25/2003*	*10/15/2003*	*6/25/2003*	*10/15/2003*	*6/25/2003*
Sample Depth:			*0-0.5 ft BGS*	*0-1 ft BGS*	*0-0.5 ft BGS*	*0-1 ft BGS*	*0-0.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Fluorene	µg/kg	1000000	200 J	-	200 J	-	ND (370)
Hexachlorobenzene	µg/kg	12000	ND (360)	-	ND (380)	-	80 J
Hexachlorobutadiene	µg/kg	-	ND (360)	-	ND (380)	-	ND (370)
Hexachlorocyclopentadiene	µg/kg	-	ND (360)	-	ND (380)	-	ND (370)
Hexachloroethane	µg/kg	-	ND (360)	-	ND (380)	-	ND (370)
Indeno(1,2,3-cd)pyrene	µg/kg	11000	1000	-	1000	-	460
Isophorone	µg/kg	-	ND (360)	-	ND (380)	-	ND (370)
Naphthalene	µg/kg	1000000	200 J	-	200 J	-	100 J
Nitrobenzene	µg/kg	140000	ND (360)	-	ND (380)	-	ND (370)
N-Nitrosodi-n-propylamine	µg/kg	-	ND (360)	-	ND (380)	-	ND (370)
N-Nitrosodiphenylamine	µg/kg	-	ND (360)	-	ND (380)	-	ND (370)
Pentachlorophenol	µg/kg	55000	ND (910)	-	ND (950)	-	ND (920)
Phenanthrene	µg/kg	1000000	2900	-	4500	-	1300
Phenol	µg/kg	1000000	ND (360)	-	ND (380)	-	ND (370)
Pyrene	µg/kg	1000000	3800	-	4800	-	2000
Metals							
Aluminum	µg/kg	-	7790000 J	-	6180000 J	-	7310000 J
Antimony	µg/kg	-	47700 J	-	122000 J	-	71900 J
Arsenic	µg/kg	16000	**112000**	-	**97100**	-	**156000**
Barium	µg/kg	10000000	234000	-	131000	-	174000
Beryllium	µg/kg	2700000	2400	-	1800	-	2200
Cadmium	µg/kg	60000	26800	-	27900	-	35300
Calcium	µg/kg	-	36900000 J	-	21900000 J	-	25400000 J
Chromium	µg/kg	-	90000 J	-	56300 J	-	87700 J
Cobalt	µg/kg	-	84800	-	121000	-	82700
Copper	µg/kg	10000000	**124000000**	-	**112000000**	-	**122000000**
Iron	µg/kg	-	36700000	-	33300000	-	37700000
Lead	µg/kg	3900000	2620000	-	3470000	-	**4700000**
Magnesium	µg/kg	-	10800000	-	5890000	-	9040000
Manganese	µg/kg	10000000	417000 J	-	294000 J	-	448000 J
Mercury	µg/kg	5700	1900	-	1800	-	1500
Nickel	µg/kg	10000000	1060000 J	-	928000 J	-	1670000 J
Potassium	µg/kg	-	653000	-	558000	-	547000
Selenium	µg/kg	6800000	57300	-	54900	-	69500
Silver	µg/kg	6800000	90200 J	-	89700 J	-	112000 J
Sodium	µg/kg	-	484000	-	337000	-	347000
Thallium	µg/kg	-	ND (1400) U	-	700	-	980
Vanadium	µg/kg	-	35200	-	45400	-	48100
Zinc	µg/kg	10000000	6190000	-	9090000	-	**10100000**

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-SS-006*	*OU-4-SS-006*	*OU-4-SS-007*	*OU-4-SS-007*	*OU-4-SS-008*
Sample ID:			*SS-2939-062503-SW-006*	*SS-34084-101503-SW-006*	*SS-2939-062503-SW-007*	*SS-34084-101503-SW-007*	*SS-2939-062503-SW-008*
Sample Date:			*6/25/2003*	*10/15/2003*	*6/25/2003*	*10/15/2003*	*6/25/2003*
Sample Depth:			*0-0.5 ft BGS*	*0-1 ft BGS*	*0-0.5 ft BGS*	*0-1 ft BGS*	*0-0.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (5500)	ND (630)	ND (5700)	ND (600)	ND (5600)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (11000)	ND (1300)	ND (11000)	ND (1200)	ND (11000)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (5500)	ND (630)	ND (5700)	ND (600)	ND (5600)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (5500)	ND (630)	ND (5700)	ND (600)	ND (5600)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (5500)	470 J	ND (5700)	520 J	ND (5600)
Aroclor-1254 (PCB-1254)	µg/kg	-	3800 J	3100	3500 J	1900	5500 J
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (5500)	ND (630)	ND (5700)	ND (600)	ND (5600)
Total PCBs	µg/kg	-	3800	3570	3500	2420	5500
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-SS-006*	*OU-4-SS-006*	*OU-4-SS-007*	*OU-4-SS-007*	*OU-4-SS-008*
Sample ID:			*SS-2939-062503-SW-006*	*SS-34084-101503-SW-006*	*SS-2939-062503-SW-007*	*SS-34084-101503-SW-007*	*SS-2939-062503-SW-008*
Sample Date:			*6/25/2003*	*10/15/2003*	*6/25/2003*	*10/15/2003*	*6/25/2003*
Sample Depth:			*0-0.5 ft BGS*	*0-1 ft BGS*	*0-0.5 ft BGS*	*0-1 ft BGS*	*0-0.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-

Notes:

greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

(Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-SS-009*	*OU-4-SS-011*	*OU-4-SS-012*	*OU-4-SS-013*	*OU-4-SS-014*
Sample ID:			*SS-2939-062503-SW-009*	*SS-2939-062503-SW-011*	*SS-2939-062503-SW-012*	*SS-2939-062503-SW-013*	*SS-2939-062503-SW-014*
Sample Date:			*6/25/2003*	*6/25/2003*	*6/25/2003*	*6/25/2003*	*6/25/2003*
Sample Depth:			*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-SS-009*	*OU-4-SS-011*	*OU-4-SS-012*	*OU-4-SS-013*	*OU-4-SS-014*
Sample ID:			*SS-2939-062503-SW-009*	*SS-2939-062503-SW-011*	*SS-2939-062503-SW-012*	*SS-2939-062503-SW-013*	*SS-2939-062503-SW-014*
Sample Date:			*6/25/2003*	*6/25/2003*	*6/25/2003*	*6/25/2003*	*6/25/2003*
Sample Depth:			*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	ND (370)	ND (380)	ND (1900)	ND (370)	ND (370)
1,2-Dichlorobenzene	µg/kg	1000000	ND (370)	ND (380)	ND (1900)	ND (370)	ND (370)
1,3-Dichlorobenzene	µg/kg	560000	ND (370)	ND (380)	ND (1900)	ND (370)	ND (370)
1,4-Dichlorobenzene	µg/kg	250000	ND (370)	ND (380)	ND (1900)	ND (370)	ND (370)
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	ND (370)	ND (380)	ND (1900)	ND (370)	ND (370)
2,4,5-Trichlorophenol	µg/kg	-	ND (930)	ND (960)	ND (4800)	ND (930)	ND (920)
2,4,6-Trichlorophenol	µg/kg	-	ND (370)	ND (380)	ND (1900)	ND (370)	ND (370)
2,4-Dichlorophenol	µg/kg	-	ND (370)	ND (380)	ND (1900)	ND (370)	ND (370)
2,4-Dimethylphenol	µg/kg	-	ND (370)	ND (380)	ND (1900)	ND (370)	ND (370)
2,4-Dinitrophenol	µg/kg	-	ND (930)	ND (960)	ND (4800)	ND (930)	ND (920)
2,4-Dinitrotoluene	µg/kg	-	ND (370)	ND (380)	ND (1900)	ND (370)	ND (370)
2,6-Dinitrotoluene	µg/kg	-	ND (370)	ND (380)	ND (1900)	ND (370)	ND (370)
2-Chloronaphthalene	µg/kg	-	ND (370)	ND (380)	ND (1900)	ND (370)	ND (370)
2-Chlorophenol	µg/kg	-	ND (370)	ND (380)	ND (1900)	ND (370)	ND (370)
2-Methylnaphthalene	µg/kg	-	200 J	300 J	ND (1900)	200 J	200 J
2-Methylphenol	µg/kg	1000000	ND (370)	ND (380)	ND (1900)	ND (370)	ND (370)
2-Nitroaniline	µg/kg	-	ND (930)	ND (960)	ND (4800)	ND (930)	ND (920)
2-Nitrophenol	µg/kg	-	ND (370)	ND (380)	ND (1900)	ND (370)	ND (370)
3&4-Methylphenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	ND (370)	ND (380)	ND (1900)	ND (370)	ND (370)

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-SS-009*	*OU-4-SS-011*	*OU-4-SS-012*	*OU-4-SS-013*	*OU-4-SS-014*
Sample ID:			*SS-2939-062503-SW-009*	*SS-2939-062503-SW-011*	*SS-2939-062503-SW-012*	*SS-2939-062503-SW-013*	*SS-2939-062503-SW-014*
Sample Date:			*6/25/2003*	*6/25/2003*	*6/25/2003*	*6/25/2003*	*6/25/2003*
Sample Depth:			*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
3-Nitroaniline	µg/kg	-	ND (930)	ND (960)	ND (4800)	ND (930)	ND (920)
4,6-Dinitro-2-methylphenol	µg/kg	-	ND (930)	ND (960)	ND (4800)	ND (930)	ND (920)
4-Bromophenyl phenyl ether	µg/kg	-	ND (370)	ND (380)	ND (1900)	ND (370)	ND (370)
4-Chloro-3-methylphenol	µg/kg	-	ND (370)	ND (380)	ND (1900)	ND (370)	ND (370)
4-Chloroaniline	µg/kg	-	ND (370)	ND (380)	ND (1900)	ND (370)	ND (370)
4-Chlorophenyl phenyl ether	µg/kg	-	ND (370)	ND (380)	ND (1900)	ND (370)	ND (370)
4-Methylphenol	µg/kg	1000000	ND (370)	ND (380)	ND (1900)	ND (370)	ND (370)
4-Nitroaniline	µg/kg	-	ND (930)	ND (960)	ND (4800)	ND (930)	ND (920)
4-Nitrophenol	µg/kg	-	ND (930)	ND (960)	ND (4800)	ND (930)	ND (920)
Acenaphthene	µg/kg	1000000	200 J	200 J	500 J	100 J	200 J
Acenaphthylene	µg/kg	1000000	100 J	100 J	500 J	100 J	200 J
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	470	620	2600	540	620
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	1700	1900	6800	2400	2300
Benzo(a)pyrene	µg/kg	1100	**1700**	**1900**	**5200**	**2100**	**2100**
Benzo(b)fluoranthene	µg/kg	11000	2600	2400	5100	3200	3100
Benzo(g,h,i)perylene	µg/kg	1000000	800	780	2000	860	1000
Benzo(k)fluoranthene	µg/kg	110000	1300	2100	6400	2600	2100
Benzoic acid	µg/kg	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	ND (370)	ND (380)	ND (1900)	ND (370)	ND (370)
bis(2-Chloroethyl)ether	µg/kg	-	ND (370)	ND (380)	ND (1900)	ND (370)	ND (370)
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	480	1200	500 J	560	390
Butyl benzylphthalate (BBP)	µg/kg	-	ND (370)	ND (380)	ND (1900)	100 J	ND (370)
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	200 J	300 J	2000	200 J	300 J
Chrysene	µg/kg	110000	2100	2000	6600	2500	2500
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	ND (370)	380	ND (1900)	90 J	ND (370)
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	100 J	200 J	ND (1900)	100 J	200 J
Diethyl phthalate	µg/kg	-	ND (370)	ND (380)	ND (1900)	ND (370)	ND (370)
Dimethyl phthalate	µg/kg	-	ND (370)	ND (380)	ND (1900)	ND (370)	ND (370)
Di-n-butylphthalate (DBP)	µg/kg	-	ND (370)	ND (380)	ND (1900)	ND (370)	90 J
Di-n-octyl phthalate (DnOP)	µg/kg	-	ND (370)	ND (380)	ND (1900)	ND (370)	ND (370)
Fluoranthene	µg/kg	1000000	2700	3100	15000	3500	3500

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-SS-009*	*OU-4-SS-011*	*OU-4-SS-012*	*OU-4-SS-013*	*OU-4-SS-014*
Sample ID:			*SS-2939-062503-SW-009*	*SS-2939-062503-SW-011*	*SS-2939-062503-SW-012*	*SS-2939-062503-SW-013*	*SS-2939-062503-SW-014*
Sample Date:			*6/25/2003*	*6/25/2003*	*6/25/2003*	*6/25/2003*	*6/25/2003*
Sample Depth:			*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Fluorene	µg/kg	1000000	100 J	200 J	700 J	100 J	200 J
Hexachlorobenzene	µg/kg	12000	100 J	ND (380)	ND (1900)	ND (370)	300 J
Hexachlorobutadiene	µg/kg	-	ND (370)	ND (380)	ND (1900)	ND (370)	ND (370)
Hexachlorocyclopentadiene	µg/kg	-	ND (370)	ND (380)	ND (1900)	ND (370)	ND (370)
Hexachloroethane	µg/kg	-	ND (370)	ND (380)	ND (1900)	ND (370)	ND (370)
Indeno(1,2,3-cd)pyrene	µg/kg	11000	810	800	2100	880	990
Isophorone	µg/kg	-	ND (370)	ND (380)	ND (1900)	ND (370)	ND (370)
Naphthalene	µg/kg	1000000	200 J	300 J	ND (1900)	200 J	300 J
Nitrobenzene	µg/kg	140000	ND (370)	ND (380)	ND (1900)	ND (370)	ND (370)
N-Nitrosodi-n-propylamine	µg/kg	-	ND (370)	ND (380)	ND (1900)	ND (370)	ND (370)
N-Nitrosodiphenylamine	µg/kg	-	ND (370)	ND (380)	ND (1900)	ND (370)	ND (370)
Pentachlorophenol	µg/kg	55000	ND (930)	ND (960)	ND (4800)	ND (930)	ND (920)
Phenanthrene	µg/kg	1000000	2000	2400	11000	2200	2400
Phenol	µg/kg	1000000	ND (370)	ND (380)	ND (1900)	ND (370)	ND (370)
Pyrene	µg/kg	1000000	2900	3200	12000	3700	3800
Metals							
Aluminum	µg/kg	-	7430000 J	5990000 J	6750000 J	6720000 J	7160000 J
Antimony	µg/kg	-	104000 J	36200 J	16100 J	20200 J	68500 J
Arsenic	µg/kg	16000	**138000**	**77100**	**61900**	**95300**	**594000**
Barium	µg/kg	10000000	245000	128000	155000	215000	300000
Beryllium	µg/kg	2700000	3400	2300	2100	990	5700
Cadmium	µg/kg	60000	24200	24300	20300	14200	21700
Calcium	µg/kg	-	21700000 J	24000000 J	15700000 J	11500000 J	19400000 J
Chromium	µg/kg	-	69200 J	67800 J	37400 J	60000 J	51100 J
Cobalt	µg/kg	-	99100	124000	27700	41400	51800
Copper	µg/kg	10000000	**106000000**	**73100000**	**28900000**	**35500000**	**93800000**
Iron	µg/kg	-	40200000	46700000	24100000	38900000	32800000
Lead	µg/kg	3900000	3140000	2340000	1800000	1340000	2590000
Magnesium	µg/kg	-	5260000	5170000	4640000	5010000	4530000
Manganese	µg/kg	10000000	474000 J	351000 J	288000 J	375000 J	333000 J
Mercury	µg/kg	5700	2100	1100	840	950	2100
Nickel	µg/kg	10000000	1210000 J	955000 J	322000 J	331000 J	651000 J
Potassium	µg/kg	-	560000	526000	1440000	862000	401000
Selenium	µg/kg	6800000	56600	51400	167000	86700	42100
Silver	µg/kg	6800000	86700 J	81400 J	293000 J	203000 J	93600 J
Sodium	µg/kg	-	392000	423000	265000	298000	242000
Thallium	µg/kg	-	1100	1500	640	1400	2200
Vanadium	µg/kg	-	30600	41100	44400	34200	38500
Zinc	µg/kg	10000000	8000000	6610000	1810000	3590000	9680000

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-SS-009*	*OU-4-SS-011*	*OU-4-SS-012*	*OU-4-SS-013*	*OU-4-SS-014*
Sample ID:			*SS-2939-062503-SW-009*	*SS-2939-062503-SW-011*	*SS-2939-062503-SW-012*	*SS-2939-062503-SW-013*	*SS-2939-062503-SW-014*
Sample Date:			*6/25/2003*	*6/25/2003*	*6/25/2003*	*6/25/2003*	*6/25/2003*
Sample Depth:			*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (5600)	ND (5800)	ND (5800)	ND (5600)	ND (5600)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (11000)	ND (12000)	ND (12000)	ND (11000)	ND (11000)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (5600)	ND (5800)	ND (5800)	ND (5600)	ND (5600)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (5600)	ND (5800)	ND (5800)	ND (5600)	ND (5600)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (5600)	ND (5800)	ND (5800)	ND (5600)	ND (5600)
Aroclor-1254 (PCB-1254)	µg/kg	-	4300 J	ND (5800)	ND (5800)	ND (5600)	9400
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (5600)	ND (5800)	ND (5800)	ND (5600)	ND (5600)
Total PCBs	µg/kg	-	4300	ND	ND	ND	9400
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-SS-009*	*OU-4-SS-011*	*OU-4-SS-012*	*OU-4-SS-013*	*OU-4-SS-014*
Sample ID:			*SS-2939-062503-SW-009*	*SS-2939-062503-SW-011*	*SS-2939-062503-SW-012*	*SS-2939-062503-SW-013*	*SS-2939-062503-SW-014*
Sample Date:			*6/25/2003*	*6/25/2003*	*6/25/2003*	*6/25/2003*	*6/25/2003*
Sample Depth:			*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-

Notes:

greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

(Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-SS-16*	*OU-4-SS-16*	*OU-4-SS-17*	*OU-4-SS-18*	*OU-4-SS-19*
Sample ID:			*SS-2939-072403-SW-017*	*SS-2939-072403-SW-018*	*SS-2939-072403-SW-016*	*SS-2939-072403-SW-015*	*SS-2939-072403-SW-013*
Sample Date:			*7/24/2003*	*7/24/2003*	*7/24/2003*	*7/24/2003*	*7/24/2003*
Sample Depth:			*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*
		RUSCO		*Duplicate*			
Parameter	*Units*	*Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-SS-16*	*OU-4-SS-16*	*OU-4-SS-17*	*OU-4-SS-18*	*OU-4-SS-19*
Sample ID:			*SS-2939-072403-SW-017*	*SS-2939-072403-SW-018*	*SS-2939-072403-SW-016*	*SS-2939-072403-SW-015*	*SS-2939-072403-SW-013*
Sample Date:			*7/24/2003*	*7/24/2003*	*7/24/2003*	*7/24/2003*	*7/24/2003*
Sample Depth:			*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*
		RUSCO		*Duplicate*			
Parameter	*Units*	*Criteria*					
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	ND (370)	ND (410)	ND (380)	ND (380)	ND (350)
1,2-Dichlorobenzene	µg/kg	1000000	ND (370)	ND (410)	ND (380)	ND (380)	ND (350)
1,3-Dichlorobenzene	µg/kg	560000	ND (370)	ND (410)	ND (380)	ND (380)	ND (350)
1,4-Dichlorobenzene	µg/kg	250000	ND (370)	ND (410)	ND (380)	ND (380)	ND (350)
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	ND (370)	ND (410)	ND (380)	ND (380)	ND (350)
2,4,5-Trichlorophenol	µg/kg	-	ND (930)	ND (1000)	ND (960)	ND (960)	ND (890)
2,4,6-Trichlorophenol	µg/kg	-	ND (370)	ND (410)	ND (380)	ND (380)	ND (350)
2,4-Dichlorophenol	µg/kg	-	ND (370)	ND (410)	ND (380)	ND (380)	ND (350)
2,4-Dimethylphenol	µg/kg	-	ND (370)	ND (410)	ND (380)	ND (380)	ND (350)
2,4-Dinitrophenol	µg/kg	-	ND (930)	ND (1000)	ND (960)	ND (960)	ND (890)
2,4-Dinitrotoluene	µg/kg	-	ND (370)	ND (410)	ND (380)	ND (380)	ND (350)
2,6-Dinitrotoluene	µg/kg	-	ND (370)	ND (410)	ND (380)	ND (380)	ND (350)
2-Chloronaphthalene	µg/kg	-	ND (370)	ND (410)	ND (380)	ND (380)	ND (350)
2-Chlorophenol	µg/kg	-	ND (370)	ND (410)	ND (380)	ND (380)	ND (350)
2-Methylnaphthalene	µg/kg	-	ND (370)	ND (410)	ND (380)	200 J	ND (350)
2-Methylphenol	µg/kg	1000000	ND (370)	ND (410)	ND (380)	ND (380)	ND (350)
2-Nitroaniline	µg/kg	-	ND (930)	ND (1000)	ND (960)	ND (960)	ND (890)
2-Nitrophenol	µg/kg	-	ND (370)	ND (410)	ND (380)	ND (380)	ND (350)
3&4-Methylphenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	ND (370)	ND (410)	ND (380)	ND (380)	ND (350)

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-SS-16*	*OU-4-SS-16*	*OU-4-SS-17*	*OU-4-SS-18*	*OU-4-SS-19*
Sample ID:			*SS-2939-072403-SW-017*	*SS-2939-072403-SW-018*	*SS-2939-072403-SW-016*	*SS-2939-072403-SW-015*	*SS-2939-072403-SW-013*
Sample Date:			*7/24/2003*	*7/24/2003*	*7/24/2003*	*7/24/2003*	*7/24/2003*
Sample Depth:			*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*
		RUSCO		*Duplicate*			
Parameter	*Units*	*Criteria*					
3-Nitroaniline	µg/kg	-	ND (930)	ND (1000)	ND (960)	ND (960)	ND (890)
4,6-Dinitro-2-methylphenol	µg/kg	-	ND (930)	ND (1000)	ND (960)	ND (960)	ND (890)
4-Bromophenyl phenyl ether	µg/kg	-	ND (370)	ND (410)	ND (380)	ND (380)	ND (350)
4-Chloro-3-methylphenol	µg/kg	-	ND (370)	ND (410)	ND (380)	ND (380)	ND (350)
4-Chloroaniline	µg/kg	-	ND (370)	ND (410)	ND (380)	ND (380)	ND (350)
4-Chlorophenyl phenyl ether	µg/kg	-	ND (370)	ND (410)	ND (380)	ND (380)	ND (350)
4-Methylphenol	µg/kg	1000000	ND (370)	ND (410)	ND (380)	ND (380)	ND (350)
4-Nitroaniline	µg/kg	-	ND (930)	ND (1000)	ND (960)	ND (960)	ND (890)
4-Nitrophenol	µg/kg	-	ND (930)	ND (1000)	ND (960)	ND (960)	ND (890)
Acenaphthene	µg/kg	1000000	100 J	100 J	90 J	300 J	ND (350)
Acenaphthylene	µg/kg	1000000	ND (370)	ND (410)	90 J	300 J	ND (350)
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	300 J	300 J	300 J	960	ND (350)
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	950	920	1100	2700	ND (350)
Benzo(a)pyrene	µg/kg	1100	780	800	1000	**2500**	ND (350)
Benzo(b)fluoranthene	µg/kg	11000	1100	1100	1300	3100	ND (350)
Benzo(g,h,i)perylene	µg/kg	1000000	200 J	200 J	300 J	730	ND (350)
Benzo(k)fluoranthene	µg/kg	110000	590	630	900	1900	ND (350)
Benzoic acid	µg/kg	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	ND (370)	ND (410)	ND (380)	ND (380)	ND (350)
bis(2-Chloroethyl)ether	µg/kg	-	ND (370)	ND (410)	ND (380)	ND (380)	ND (350)
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	100 J	200 J	200 J	200 J	ND (350)
Butyl benzylphthalate (BBP)	µg/kg	-	ND (370)	ND (410)	ND (380)	ND (380)	ND (350)
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	100 J	100 J	200 J	440	ND (350)
Chrysene	µg/kg	110000	880	860	1100	2600	ND (350)
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	ND (370)	ND (410)	ND (380)	ND (380)	ND (350)
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	ND (370)	ND (410)	ND (380)	300 J	ND (350)
Diethyl phthalate	µg/kg	-	ND (370)	ND (410)	ND (380)	ND (380)	ND (350)
Dimethyl phthalate	µg/kg	-	ND (370)	ND (410)	ND (380)	ND (380)	ND (350)
Di-n-butylphthalate (DBP)	µg/kg	-	ND (370)	ND (410)	ND (380)	100 J	ND (350)
Di-n-octyl phthalate (DnOP)	µg/kg	-	ND (370)	ND (410)	ND (380)	ND (380)	ND (350)
Fluoranthene	µg/kg	1000000	1700	1600	2200	4900	ND (350)

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-SS-16*	*OU-4-SS-16*	*OU-4-SS-17*	*OU-4-SS-18*	*OU-4-SS-19*
Sample ID:			*SS-2939-072403-SW-017*	*SS-2939-072403-SW-018*	*SS-2939-072403-SW-016*	*SS-2939-072403-SW-015*	*SS-2939-072403-SW-013*
Sample Date:			*7/24/2003*	*7/24/2003*	*7/24/2003*	*7/24/2003*	*7/24/2003*
Sample Depth:			*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*
		RUSCO		*Duplicate*			
Parameter	*Units*	*Criteria*					
Fluorene	µg/kg	1000000	100 J	ND (410)	90 J	390	ND (350)
Hexachlorobenzene	µg/kg	12000	ND (370)	ND (410)	ND (380)	ND (380)	ND (350)
Hexachlorobutadiene	µg/kg	-	ND (370)	ND (410)	ND (380)	ND (380)	ND (350)
Hexachlorocyclopentadiene	µg/kg	-	ND (370)	ND (410)	ND (380)	ND (380)	ND (350)
Hexachloroethane	µg/kg	-	ND (370)	ND (410)	ND (380)	ND (380)	ND (350)
Indeno(1,2,3-cd)pyrene	µg/kg	11000	200 J	200 J	300 J	760	ND (350)
Isophorone	µg/kg	-	ND (370)	ND (410)	ND (380)	ND (380)	ND (350)
Naphthalene	µg/kg	1000000	100 J	90 J	200 J	400	ND (350)
Nitrobenzene	µg/kg	140000	ND (370)	ND (410)	ND (380)	ND (380)	ND (350)
N-Nitrosodi-n-propylamine	µg/kg	-	ND (370)	ND (410)	ND (380)	ND (380)	ND (350)
N-Nitrosodiphenylamine	µg/kg	-	ND (370)	ND (410)	ND (380)	ND (380)	ND (350)
Pentachlorophenol	µg/kg	55000	ND (930)	ND (1000)	ND (960)	ND (960)	ND (890)
Phenanthrene	µg/kg	1000000	1100	1100	1200	3900	ND (350)
Phenol	µg/kg	1000000	ND (370)	ND (410)	ND (380)	ND (380)	ND (350)
Pyrene	µg/kg	1000000	1500	1500	1800	4300	ND (350)
Metals							
Aluminum	µg/kg	-	5690000	6230000	8960000	7600000	4890000
Antimony	µg/kg	-	2100 J	5800 J	ND (1400) UJ	2900 J	ND (600) UJ
Arsenic	µg/kg	16000	**23400 J**	**46400 J**	6200	9800	690
Barium	µg/kg	10000000	103000	162000	123000	243000	31100
Beryllium	µg/kg	2700000	260	350	450	380	210
Cadmium	µg/kg	60000	1900	2900	640	750	ND (32)
Calcium	µg/kg	-	4370000 J	8090000 J	3350000 J	5720000 J	317000 J
Chromium	µg/kg	-	14400 J	73600 J	28500 J	55700 J	14700 J
Cobalt	µg/kg	-	10300 J	72700 J	6300	117000	4300
Copper	µg/kg	10000000	1090000	1150000	123000	304000	97200
Iron	µg/kg	-	14700000 J	35600000 J	16500000	25400000	11000000
Lead	µg/kg	3900000	327000	505000	350000	290000	4200
Magnesium	µg/kg	-	3980000	2900000	2190000	2350000	1600000
Manganese	µg/kg	10000000	248000	281000	321000	310000	278000
Mercury	µg/kg	5700	380	610	400	2000	ND (18)
Nickel	µg/kg	10000000	52600	56700	20100	26300	10500
Potassium	µg/kg	-	874000	990000	592000	596000	356000
Selenium	µg/kg	6800000	1500 J	3000 J	1500 J	1100 J	480 J
Silver	µg/kg	6800000	670	960	640	520	ND (110)
Sodium	µg/kg	-	185000	298000	84100	167000	45800
Thallium	µg/kg	-	ND (470)	610	ND (490)	500	ND (450)
Vanadium	µg/kg	-	19900	36700	32800	25700	18000
Zinc	µg/kg	10000000	2870000	1760000	231000	1320000	18300

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-SS-16*	*OU-4-SS-16*	*OU-4-SS-17*	*OU-4-SS-18*	*OU-4-SS-19*
Sample ID:			*SS-2939-072403-SW-017*	*SS-2939-072403-SW-018*	*SS-2939-072403-SW-016*	*SS-2939-072403-SW-015*	*SS-2939-072403-SW-013*
Sample Date:			*7/24/2003*	*7/24/2003*	*7/24/2003*	*7/24/2003*	*7/24/2003*
Sample Depth:			*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*
		RUSCO		*Duplicate*			
Parameter	*Units*	*Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (5600)	ND (6300)	ND (5800)	ND (5800)	ND (5400)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (11000)	ND (13000)	ND (12000)	ND (12000)	ND (11000)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (5600)	ND (6300)	ND (5800)	ND (5800)	ND (5400)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (5600)	ND (6300)	ND (5800)	ND (5800)	ND (5400)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (5600)	ND (6300)	ND (5800)	ND (5800)	ND (5400)
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (5600)	ND (6300)	ND (5800)	ND (5800)	ND (5400)
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (5600)	ND (6300)	ND (5800)	ND (5800)	ND (5400)
Total PCBs	µg/kg	-	ND	ND	ND	ND	ND
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-SS-16*	*OU-4-SS-16*	*OU-4-SS-17*	*OU-4-SS-18*	*OU-4-SS-19*
Sample ID:			*SS-2939-072403-SW-017*	*SS-2939-072403-SW-018*	*SS-2939-072403-SW-016*	*SS-2939-072403-SW-015*	*SS-2939-072403-SW-013*
Sample Date:			*7/24/2003*	*7/24/2003*	*7/24/2003*	*7/24/2003*	*7/24/2003*
Sample Depth:			*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*
		RUSCO		*Duplicate*			
Parameter	*Units*	*Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-

Notes:

greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

(Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-SS-20*	*OU-4-SS-21*	*OU-4-SS-22*	*OU-4-SS-23*	*OU-4-SS-24*
Sample ID:			*SS-2939-072403-SW-014*	*SS-2939-072403-SW-010*	*SS-2939-072403-SW-011*	*SS-2939-072403-SW-012*	*SS-2939-072403-SW-009*
Sample Date:			*7/24/2003*	*7/24/2003*	*7/24/2003*	*7/24/2003*	*7/24/2003*
Sample Depth:			*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-SS-20*	*OU-4-SS-21*	*OU-4-SS-22*	*OU-4-SS-23*	*OU-4-SS-24*
Sample ID:			*SS-2939-072403-SW-014*	*SS-2939-072403-SW-010*	*SS-2939-072403-SW-011*	*SS-2939-072403-SW-012*	*SS-2939-072403-SW-009*
Sample Date:			*7/24/2003*	*7/24/2003*	*7/24/2003*	*7/24/2003*	*7/24/2003*
Sample Depth:			*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	ND (1900)	ND (400)	ND (410)	ND (390)	ND (380)
1,2-Dichlorobenzene	µg/kg	1000000	ND (1900)	ND (400)	ND (410)	ND (390)	ND (380)
1,3-Dichlorobenzene	µg/kg	560000	ND (1900)	ND (400)	ND (410)	ND (390)	ND (380)
1,4-Dichlorobenzene	µg/kg	250000	ND (1900)	ND (400)	ND (410)	ND (390)	ND (380)
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	ND (1900)	ND (400)	ND (410)	ND (390)	ND (380)
2,4,5-Trichlorophenol	µg/kg	-	ND (4800)	ND (1000)	ND (1000)	ND (990)	ND (950)
2,4,6-Trichlorophenol	µg/kg	-	ND (1900)	ND (400)	ND (410)	ND (390)	ND (380)
2,4-Dichlorophenol	µg/kg	-	ND (1900)	ND (400)	ND (410)	ND (390)	ND (380)
2,4-Dimethylphenol	µg/kg	-	ND (1900)	ND (400)	ND (410)	ND (390)	ND (380)
2,4-Dinitrophenol	µg/kg	-	ND (4800)	ND (1000)	ND (1000)	ND (990)	ND (950)
2,4-Dinitrotoluene	µg/kg	-	ND (1900)	ND (400)	ND (410)	ND (390)	ND (380)
2,6-Dinitrotoluene	µg/kg	-	ND (1900)	ND (400)	ND (410)	ND (390)	ND (380)
2-Chloronaphthalene	µg/kg	-	ND (1900)	ND (400)	ND (410)	ND (390)	ND (380)
2-Chlorophenol	µg/kg	-	ND (1900)	ND (400)	ND (410)	ND (390)	ND (380)
2-Methylnaphthalene	µg/kg	-	700 J	ND (400)	ND (410)	100 J	100 J
2-Methylphenol	µg/kg	1000000	ND (1900)	ND (400)	ND (410)	ND (390)	ND (380)
2-Nitroaniline	µg/kg	-	ND (4800)	ND (1000)	ND (1000)	ND (990)	ND (950)
2-Nitrophenol	µg/kg	-	ND (1900)	ND (400)	ND (410)	ND (390)	ND (380)
3&4-Methylphenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	ND (1900)	ND (400)	ND (410)	ND (390)	ND (380)

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-SS-20*	*OU-4-SS-21*	*OU-4-SS-22*	*OU-4-SS-23*	*OU-4-SS-24*
Sample ID:			*SS-2939-072403-SW-014*	*SS-2939-072403-SW-010*	*SS-2939-072403-SW-011*	*SS-2939-072403-SW-012*	*SS-2939-072403-SW-009*
Sample Date:			*7/24/2003*	*7/24/2003*	*7/24/2003*	*7/24/2003*	*7/24/2003*
Sample Depth:			*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
3-Nitroaniline	µg/kg	-	ND (4800)	ND (1000)	ND (1000)	ND (990)	ND (950)
4,6-Dinitro-2-methylphenol	µg/kg	-	ND (4800)	ND (1000)	ND (1000)	ND (990)	ND (950)
4-Bromophenyl phenyl ether	µg/kg	-	ND (1900)	ND (400)	ND (410)	ND (390)	ND (380)
4-Chloro-3-methylphenol	µg/kg	-	ND (1900)	ND (400)	ND (410)	ND (390)	ND (380)
4-Chloroaniline	µg/kg	-	ND (1900)	ND (400)	ND (410)	ND (390)	ND (380)
4-Chlorophenyl phenyl ether	µg/kg	-	ND (1900)	ND (400)	ND (410)	ND (390)	ND (380)
4-Methylphenol	µg/kg	1000000	ND (1900)	ND (400)	ND (410)	ND (390)	ND (380)
4-Nitroaniline	µg/kg	-	ND (4800)	ND (1000)	ND (1000)	ND (990)	ND (950)
4-Nitrophenol	µg/kg	-	ND (4800)	ND (1000)	ND (1000)	ND (990)	ND (950)
Acenaphthene	µg/kg	1000000	2500	ND (400)	ND (410)	300 J	200 J
Acenaphthylene	µg/kg	1000000	ND (1900)	ND (400)	ND (410)	ND (390)	200 J
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	4500	ND (400)	ND (410)	530	550
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	7400	200 J	200 J	1700	1600
Benzo(a)pyrene	µg/kg	1100	**5200**	200 J	200 J	**1600**	**1400**
Benzo(b)fluoranthene	µg/kg	11000	5300	200 J	200 J	2200	1900
Benzo(g,h,i)perylene	µg/kg	1000000	3100	ND (400)	ND (410)	450	410
Benzo(k)fluoranthene	µg/kg	110000	3700	ND (400)	ND (410)	1300	1200
Benzoic acid	µg/kg	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	ND (1900)	ND (400)	ND (410)	ND (390)	ND (380)
bis(2-Chloroethyl)ether	µg/kg	-	ND (1900)	ND (400)	ND (410)	ND (390)	ND (380)
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	ND (1900)	80 J	90 J	5800	80 J
Butyl benzylphthalate (BBP)	µg/kg	-	ND (1900)	ND (400)	ND (410)	500	ND (380)
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	2300	ND (400)	ND (410)	300 J	300 J
Chrysene	µg/kg	110000	6500	200 J	200 J	1800	1600
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	ND (1900)	ND (400)	ND (410)	ND (390)	ND (380)
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	1000 J	ND (400)	ND (410)	100 J	200 J
Diethyl phthalate	µg/kg	-	ND (1900)	ND (400)	ND (410)	ND (390)	ND (380)
Dimethyl phthalate	µg/kg	-	ND (1900)	ND (400)	ND (410)	ND (390)	ND (380)
Di-n-butylphthalate (DBP)	µg/kg	-	ND (1900)	ND (400)	ND (410)	ND (390)	ND (380)
Di-n-octyl phthalate (DnOP)	µg/kg	-	ND (1900)	ND (400)	ND (410)	ND (390)	ND (380)
Fluoranthene	µg/kg	1000000	15000	410	400 J	3000	3200

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-SS-20*	*OU-4-SS-21*	*OU-4-SS-22*	*OU-4-SS-23*	*OU-4-SS-24*
Sample ID:			*SS-2939-072403-SW-014*	*SS-2939-072403-SW-010*	*SS-2939-072403-SW-011*	*SS-2939-072403-SW-012*	*SS-2939-072403-SW-009*
Sample Date:			*7/24/2003*	*7/24/2003*	*7/24/2003*	*7/24/2003*	*7/24/2003*
Sample Depth:			*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Fluorene	µg/kg	1000000	2300	ND (400)	ND (410)	200 J	200 J
Hexachlorobenzene	µg/kg	12000	ND (1900)	ND (400)	ND (410)	ND (390)	ND (380)
Hexachlorobutadiene	µg/kg	-	ND (1900)	ND (400)	ND (410)	ND (390)	ND (380)
Hexachlorocyclopentadiene	µg/kg	-	ND (1900)	ND (400)	ND (410)	ND (390)	ND (380)
Hexachloroethane	µg/kg	-	ND (1900)	ND (400)	ND (410)	ND (390)	ND (380)
Indeno(1,2,3-cd)pyrene	µg/kg	11000	3100	ND (400)	ND (410)	480	430
Isophorone	µg/kg	-	ND (1900)	ND (400)	ND (410)	ND (390)	ND (380)
Naphthalene	µg/kg	1000000	2000	ND (400)	ND (410)	200 J	200 J
Nitrobenzene	µg/kg	140000	ND (1900)	ND (400)	ND (410)	ND (390)	ND (380)
N-Nitrosodi-n-propylamine	µg/kg	-	ND (1900)	ND (400)	ND (410)	ND (390)	ND (380)
N-Nitrosodiphenylamine	µg/kg	-	ND (1900)	ND (400)	ND (410)	ND (390)	ND (380)
Pentachlorophenol	µg/kg	55000	ND (4800)	ND (1000)	ND (1000)	ND (990)	ND (950)
Phenanthrene	µg/kg	1000000	16000	200 J	200 J	2200	2400
Phenol	µg/kg	1000000	ND (1900)	ND (400)	ND (410)	ND (390)	ND (380)
Pyrene	µg/kg	1000000	13000	300 J	400 J	2900	2800
Metals							
Aluminum	µg/kg	-	7080000	4760000	4090000	5660000	12300000
Antimony	µg/kg	-	115000 J	15900 J	4000 J	61500 J	25600 J
Arsenic	µg/kg	16000	**132000**	**44300**	**22600**	**69600**	**121000**
Barium	µg/kg	10000000	112000	70400	42700	252000	467000
Beryllium	µg/kg	2700000	2800	380	240	1900	39200
Cadmium	µg/kg	60000	22800	900	870	19000	11000
Calcium	µg/kg	-	26400000 J	1010000 J	779000 J	29300000 J	11500000 J
Chromium	µg/kg	-	69900 J	14900 J	16600 J	65200 J	208000 J
Cobalt	µg/kg	-	111000	5500	4900	50300	436000
Copper	µg/kg	10000000	**159000000**	655000	901000	**73600000**	**17900000**
Iron	µg/kg	-	40600000	16100000	14700000	34400000	111000000
Lead	µg/kg	3900000	3690000	472000	275000	2210000	2150000
Magnesium	µg/kg	-	8660000	1350000	1560000	11500000	6880000
Manganese	µg/kg	10000000	505000	171000	160000	510000	1560000
Mercury	µg/kg	5700	1200	730	380	790	2200
Nickel	µg/kg	10000000	2490000	31700	30000	746000	391000
Potassium	µg/kg	-	528000	424000	420000	526000	1490000
Selenium	µg/kg	6800000	63500 J	5600 J	9500 J	43200 J	14600 J
Silver	µg/kg	6800000	91600	4100	5400	49600	18400
Sodium	µg/kg	-	429000	65600	55600	441000	1620000
Thallium	µg/kg	-	ND (490)	ND (510)	ND (520)	ND (500)	ND (480)
Vanadium	µg/kg	-	33600	54000	47800	30100	52600
Zinc	µg/kg	10000000	9890000	160000	131000	6260000	**24200000**

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-SS-20*	*OU-4-SS-21*	*OU-4-SS-22*	*OU-4-SS-23*	*OU-4-SS-24*
Sample ID:			*SS-2939-072403-SW-014*	*SS-2939-072403-SW-010*	*SS-2939-072403-SW-011*	*SS-2939-072403-SW-012*	*SS-2939-072403-SW-009*
Sample Date:			*7/24/2003*	*7/24/2003*	*7/24/2003*	*7/24/2003*	*7/24/2003*
Sample Depth:			*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (5800)	ND (6000)	ND (6200)	ND (5900)	ND (5700)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (12000)	ND (12000)	ND (12000)	ND (12000)	ND (11000)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (5800)	ND (6000)	ND (6200)	ND (5900)	ND (5700)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (5800)	ND (6000)	ND (6200)	ND (5900)	ND (5700)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (5800)	ND (6000)	ND (6200)	ND (5900)	ND (5700)
Aroclor-1254 (PCB-1254)	µg/kg	-	3000 J	ND (6000)	ND (6200)	3700 J	ND (5700)
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (5800)	ND (6000)	ND (6200)	ND (5900)	ND (5700)
Total PCBs	µg/kg	-	3000	ND	ND	3700	ND
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-SS-20*	*OU-4-SS-21*	*OU-4-SS-22*	*OU-4-SS-23*	*OU-4-SS-24*
Sample ID:			*SS-2939-072403-SW-014*	*SS-2939-072403-SW-010*	*SS-2939-072403-SW-011*	*SS-2939-072403-SW-012*	*SS-2939-072403-SW-009*
Sample Date:			*7/24/2003*	*7/24/2003*	*7/24/2003*	*7/24/2003*	*7/24/2003*
Sample Depth:			*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-

Notes:

greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

(Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-SS-25*	*OU-4-SS-25*	*OU-4-SS-26*	*OU-4-SS-27*	*OU-4-SS-28*
Sample ID:			*SS-2939-072403-SW-007*	*SS-2939-072403-SW-008*	*SS-2939-072403-SW-006*	*SS-2939-072403-SW-005*	*SS-2939-072403-SW-001*
Sample Date:			*7/24/2003*	*7/24/2003*	*7/24/2003*	*7/24/2003*	*7/24/2003*
Sample Depth:			*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*
		RUSCO		*Duplicate*			
Parameter	*Units*	*Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-SS-25*	*OU-4-SS-25*	*OU-4-SS-26*	*OU-4-SS-27*	*OU-4-SS-28*
Sample ID:			*SS-2939-072403-SW-007*	*SS-2939-072403-SW-008*	*SS-2939-072403-SW-006*	*SS-2939-072403-SW-005*	*SS-2939-072403-SW-001*
Sample Date:			*7/24/2003*	*7/24/2003*	*7/24/2003*	*7/24/2003*	*7/24/2003*
Sample Depth:			*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*
		RUSCO		*Duplicate*			
Parameter	*Units*	*Criteria*					
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	ND (1200)	ND (1200)	ND (360)	ND (380)	ND (7900)
1,2-Dichlorobenzene	µg/kg	1000000	ND (1200)	ND (1200)	ND (360)	ND (380)	ND (7900)
1,3-Dichlorobenzene	µg/kg	560000	ND (1200)	ND (1200)	ND (360)	ND (380)	ND (7900)
1,4-Dichlorobenzene	µg/kg	250000	ND (1200)	ND (1200)	ND (360)	ND (380)	ND (7900)
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	ND (1200)	ND (1200)	ND (360)	ND (380)	ND (7900)
2,4,5-Trichlorophenol	µg/kg	-	ND (3000)	ND (2900)	ND (900)	ND (950)	ND (20000)
2,4,6-Trichlorophenol	µg/kg	-	ND (1200)	ND (1200)	ND (360)	ND (380)	ND (7900)
2,4-Dichlorophenol	µg/kg	-	ND (1200)	ND (1200)	ND (360)	ND (380)	ND (7900)
2,4-Dimethylphenol	µg/kg	-	ND (1200)	ND (1200)	ND (360)	ND (380)	ND (7900)
2,4-Dinitrophenol	µg/kg	-	ND (3000)	ND (2900)	ND (900)	ND (950)	ND (20000)
2,4-Dinitrotoluene	µg/kg	-	ND (1200)	ND (1200)	ND (360)	ND (380)	ND (7900)
2,6-Dinitrotoluene	µg/kg	-	ND (1200)	ND (1200)	ND (360)	ND (380)	ND (7900)
2-Chloronaphthalene	µg/kg	-	ND (1200)	ND (1200)	ND (360)	ND (380)	ND (7900)
2-Chlorophenol	µg/kg	-	ND (1200)	ND (1200)	ND (360)	ND (380)	ND (7900)
2-Methylnaphthalene	µg/kg	-	500 J	ND (1200)	ND (360)	100 J	8300
2-Methylphenol	µg/kg	1000000	ND (1200)	ND (1200)	ND (360)	ND (380)	ND (7900)
2-Nitroaniline	µg/kg	-	ND (3000)	ND (2900)	ND (900)	ND (950)	ND (20000)
2-Nitrophenol	µg/kg	-	ND (1200)	ND (1200)	ND (360)	ND (380)	ND (7900)
3&4-Methylphenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	ND (1200)	ND (1200)	ND (360)	ND (380)	ND (7900)

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-SS-25*	*OU-4-SS-25*	*OU-4-SS-26*	*OU-4-SS-27*	*OU-4-SS-28*
Sample ID:			*SS-2939-072403-SW-007*	*SS-2939-072403-SW-008*	*SS-2939-072403-SW-006*	*SS-2939-072403-SW-005*	*SS-2939-072403-SW-001*
Sample Date:			*7/24/2003*	*7/24/2003*	*7/24/2003*	*7/24/2003*	*7/24/2003*
Sample Depth:			*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*
		RUSCO		*Duplicate*			
Parameter	*Units*	*Criteria*					
3-Nitroaniline	µg/kg	-	ND (3000)	ND (2900)	ND (900)	ND (950)	ND (20000)
4,6-Dinitro-2-methylphenol	µg/kg	-	ND (3000)	ND (2900)	ND (900)	ND (950)	ND (20000)
4-Bromophenyl phenyl ether	µg/kg	-	ND (1200)	ND (1200)	ND (360)	ND (380)	ND (7900)
4-Chloro-3-methylphenol	µg/kg	-	ND (1200)	ND (1200)	ND (360)	ND (380)	ND (7900)
4-Chloroaniline	µg/kg	-	ND (1200)	ND (1200)	ND (360)	ND (380)	ND (7900)
4-Chlorophenyl phenyl ether	µg/kg	-	ND (1200)	ND (1200)	ND (360)	ND (380)	ND (7900)
4-Methylphenol	µg/kg	1000000	ND (1200)	ND (1200)	ND (360)	ND (380)	ND (7900)
4-Nitroaniline	µg/kg	-	ND (3000)	ND (2900)	ND (900)	ND (950)	ND (20000)
4-Nitrophenol	µg/kg	-	ND (3000)	ND (2900)	ND (900)	ND (950)	ND (20000)
Acenaphthene	µg/kg	1000000	800 J	400 J	80 J	300 J	14000
Acenaphthylene	µg/kg	1000000	500 J	400 J	400	ND (380)	3000 J
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	3400 J	2000 J	570	810	35000
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	9500	6800	3100	1700	**63000**
Benzo(a)pyrene	µg/kg	1100	**6600**	**5000**	**2600**	**1400**	**47000**
Benzo(b)fluoranthene	µg/kg	11000	8200	5500	3600	2000	**56000**
Benzo(g,h,i)perylene	µg/kg	1000000	4800	3500	740	380	31000
Benzo(k)fluoranthene	µg/kg	110000	3400	3500	1800	1000	24000
Benzoic acid	µg/kg	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	ND (1200)	ND (1200)	ND (360)	ND (380)	ND (7900)
bis(2-Chloroethyl)ether	µg/kg	-	ND (1200)	ND (1200)	ND (360)	ND (380)	ND (7900)
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	300 J	400 J	200 J	200 J	ND (7900)
Butyl benzylphthalate (BBP)	µg/kg	-	ND (1200)	ND (1200)	ND (360)	ND (380)	ND (7900)
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	1500	800 J	200 J	560	14000
Chrysene	µg/kg	110000	9200	6900	3100	1900	60000
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	ND (1200)	ND (1200)	ND (360)	ND (380)	ND (7900)
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	900 J	300 J	ND (360)	400	13000
Diethyl phthalate	µg/kg	-	ND (1200)	ND (1200)	ND (360)	ND (380)	ND (7900)
Dimethyl phthalate	µg/kg	-	ND (1200)	ND (1200)	ND (360)	ND (380)	ND (7900)
Di-n-butylphthalate (DBP)	µg/kg	-	ND (1200)	ND (1200)	ND (360)	ND (380)	ND (7900)
Di-n-octyl phthalate (DnOP)	µg/kg	-	ND (1200)	ND (1200)	ND (360)	ND (380)	ND (7900)
Fluoranthene	µg/kg	1000000	15000	11000	5000	4600	110000

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-SS-25*	*OU-4-SS-25*	*OU-4-SS-26*	*OU-4-SS-27*	*OU-4-SS-28*
Sample ID:			*SS-2939-072403-SW-007*	*SS-2939-072403-SW-008*	*SS-2939-072403-SW-006*	*SS-2939-072403-SW-005*	*SS-2939-072403-SW-001*
Sample Date:			*7/24/2003*	*7/24/2003*	*7/24/2003*	*7/24/2003*	*7/24/2003*
Sample Depth:			*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*
		RUSCO		*Duplicate*			
Parameter	*Units*	*Criteria*					
Fluorene	µg/kg	1000000	1000 J	500 J	100 J	300 J	18000
Hexachlorobenzene	µg/kg	12000	ND (1200)	ND (1200)	ND (360)	ND (380)	ND (7900)
Hexachlorobutadiene	µg/kg	-	ND (1200)	ND (1200)	ND (360)	ND (380)	ND (7900)
Hexachlorocyclopentadiene	µg/kg	-	ND (1200)	ND (1200)	ND (360)	ND (380)	ND (7900)
Hexachloroethane	µg/kg	-	ND (1200)	ND (1200)	ND (360)	ND (380)	ND (7900)
Indeno(1,2,3-cd)pyrene	µg/kg	11000	4600	3300	850	430	**29000**
Isophorone	µg/kg	-	ND (1200)	ND (1200)	ND (360)	ND (380)	ND (7900)
Naphthalene	µg/kg	1000000	900 J	300 J	ND (360)	200 J	19000
Nitrobenzene	µg/kg	140000	ND (1200)	ND (1200)	ND (360)	ND (380)	ND (7900)
N-Nitrosodi-n-propylamine	µg/kg	-	ND (1200)	ND (1200)	ND (360)	ND (380)	ND (7900)
N-Nitrosodiphenylamine	µg/kg	-	ND (1200)	ND (1200)	ND (360)	ND (380)	ND (7900)
Pentachlorophenol	µg/kg	55000	ND (3000)	ND (2900)	ND (900)	ND (950)	ND (20000)
Phenanthrene	µg/kg	1000000	14000	8800	2300	5300	120000
Phenol	µg/kg	1000000	ND (1200)	ND (1200)	ND (360)	ND (380)	ND (7900)
Pyrene	µg/kg	1000000	15000	11000	4300	3700	110000
Metals							
Aluminum	µg/kg	-	5340000	5150000	5030000	5410000	7350000
Antimony	µg/kg	-	7400 J	10800 J	5400 J	8900 J	317000 J
Arsenic	µg/kg	16000	**115000**	**174000**	**23100**	**72400**	**638000**
Barium	µg/kg	10000000	80400	120000	51700	50000	217000
Beryllium	µg/kg	2700000	260	260	260	420	640
Cadmium	µg/kg	60000	2400	1900	1700	1400	17300
Calcium	µg/kg	-	2310000 J	2130000 J	1670000 J	3700000 J	24000000 J
Chromium	µg/kg	-	17100 J	16800 J	19000 J	19700 J	59400 J
Cobalt	µg/kg	-	7500	7700	6400	8700	11600
Copper	µg/kg	10000000	3080000	3160000	2030000	3490000	4420000
Iron	µg/kg	-	14300000	15600000	17600000	29100000	49000000
Lead	µg/kg	3900000	350000	250000	369000	417000	**11900000**
Magnesium	µg/kg	-	2420000	1790000	2100000	1700000	2900000
Manganese	µg/kg	10000000	196000	194000	183000	363000	360000
Mercury	µg/kg	5700	340	470	270	970	5400
Nickel	µg/kg	10000000	115000	124000	28600	61600	145000
Potassium	µg/kg	-	528000	591000	677000	445000	1350000
Selenium	µg/kg	6800000	20100 J	25200 J	12200 J	10800 J	21400 J
Silver	µg/kg	6800000	5800	4800	5900	6700	65000
Sodium	µg/kg	-	141000	90100	85400	81600	200000
Thallium	µg/kg	-	ND (500)	ND (520)	ND (460)	ND (480)	920
Vanadium	µg/kg	-	26000	25400	43600	41000	41700
Zinc	µg/kg	10000000	281000	258000	208000	262000	4390000

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-SS-25*	*OU-4-SS-25*	*OU-4-SS-26*	*OU-4-SS-27*	*OU-4-SS-28*
Sample ID:			*SS-2939-072403-SW-007*	*SS-2939-072403-SW-008*	*SS-2939-072403-SW-006*	*SS-2939-072403-SW-005*	*SS-2939-072403-SW-001*
Sample Date:			*7/24/2003*	*7/24/2003*	*7/24/2003*	*7/24/2003*	*7/24/2003*
Sample Depth:			*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*
		RUSCO		*Duplicate*			
Parameter	*Units*	*Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (6000)	ND (6200)	ND (5400)	ND (5700)	ND (6000)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (12000)	ND (12000)	ND (11000)	ND (11000)	ND (12000)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (6000)	ND (6200)	ND (5400)	ND (5700)	ND (6000)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (6000)	ND (6200)	ND (5400)	ND (5700)	ND (6000)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (6000)	ND (6200)	ND (5400)	ND (5700)	ND (6000)
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (6000)	ND (6200)	ND (5400)	ND (5700)	ND (6000)
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (6000)	ND (6200)	ND (5400)	ND (5700)	ND (6000)
Total PCBs	µg/kg	-	ND	ND	ND	ND	ND
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-SS-25*	*OU-4-SS-25*	*OU-4-SS-26*	*OU-4-SS-27*	*OU-4-SS-28*
Sample ID:			*SS-2939-072403-SW-007*	*SS-2939-072403-SW-008*	*SS-2939-072403-SW-006*	*SS-2939-072403-SW-005*	*SS-2939-072403-SW-001*
Sample Date:			*7/24/2003*	*7/24/2003*	*7/24/2003*	*7/24/2003*	*7/24/2003*
Sample Depth:			*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*
		RUSCO		*Duplicate*			
Parameter	*Units*	*Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-

Notes:

greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

(Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-SS-29*	*OU-4-SS-30*	*OU-4-SS-31*	*OW10-99*	*OW11-99*	*OW12-99*	*OW12-99*
Sample ID:			*SS-2939-072403-SW-002*	*SS-2939-072403-SW-003*	*SS-2939-072403-SW-004*	*S-JRR-001*	*S-JRR-019*	*S-JRR-009*	*S-JRR-010*
Sample Date:			*7/24/2003*	*7/24/2003*	*7/24/2003*	*7/29/1999*	*8/3/1999*	*7/30/1999*	*7/30/1999*
Sample Depth:			*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0.5-1.5 ft BGS*	*0.4-1.4 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							*Duplicate*
Volatiles									
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	ND (11)	ND (11)	ND (10)	ND (10)
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	ND (11)	ND (11)	ND (10)	ND (10)
1,1,2-Trichloroethane	µg/kg	-	-	-	-	ND (11)	ND (11)	ND (10)	ND (10)
1,1-Dichloroethane	µg/kg	480000	-	-	-	ND (11)	ND (11)	ND (10)	ND (10)
1,1-Dichloroethene	µg/kg	1000000	-	-	-	ND (11)	ND (11)	ND (10)	ND (10)
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	ND (11)	ND (11)	ND (10)	ND (10)
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	ND (11)	ND (11)	ND (10)	ND (10)
1,2-Dichloropropane	µg/kg	-	-	-	-	ND (11)	ND (11)	ND (10)	ND (10)
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	ND (11)	2 J	ND (10)	ND (10)
2-Hexanone	µg/kg	-	-	-	-	ND (11)	ND (11)	ND (10)	ND (10)
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	ND (11)	ND (11)	ND (10)	ND (10)
Acetone	µg/kg	1000000	-	-	-	7 J	6 J	ND (10)	ND (10)
Benzene	µg/kg	89000	-	-	-	ND (11)	ND (11)	ND (10)	ND (10)
Bromodichloromethane	µg/kg	-	-	-	-	ND (11)	ND (11)	ND (10)	ND (10)
Bromoform	µg/kg	-	-	-	-	ND (11)	ND (11)	ND (10)	ND (10)
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	ND (11)	ND (11)	ND (10)	ND (10)
Carbon disulfide	µg/kg	-	-	-	-	ND (11)	ND (11)	ND (10)	ND (10)
Carbon tetrachloride	µg/kg	44000	-	-	-	ND (11)	ND (11)	ND (10)	ND (10)
Chlorobenzene	µg/kg	1000000	-	-	-	ND (11)	ND (11)	ND (10)	ND (10)
Chloroethane	µg/kg	-	-	-	-	ND (11)	ND (11)	ND (10)	ND (10)
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	ND (11)	ND (11)	ND (10)	ND (10)
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	ND (11)	ND (11)	ND (10)	ND (10)
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	ND (11)	ND (11)	ND (10)	ND (10)
Cyclohexane	µg/kg	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	ND (11)	ND (11)	ND (10)	ND (10)
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	ND (11)	ND (11)	ND (10)	ND (10)
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-SS-29*	*OU-4-SS-30*	*OU-4-SS-31*	*OW10-99*	*OW11-99*	*OW12-99*	*OW12-99*
Sample ID:			*SS-2939-072403-SW-002*	*SS-2939-072403-SW-003*	*SS-2939-072403-SW-004*	*S-JRR-001*	*S-JRR-019*	*S-JRR-009*	*S-JRR-010*
Sample Date:			*7/24/2003*	*7/24/2003*	*7/24/2003*	*7/29/1999*	*8/3/1999*	*7/30/1999*	*7/30/1999*
Sample Depth:			*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0.5-1.5 ft BGS*	*0.4-1.4 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							*Duplicate*
Methyl acetate	µg/kg	-	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	ND (11)	ND (11)	ND (10)	ND (10)
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	ND (11)	ND (11)	ND (10)	ND (10)
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	ND (11)	ND (11)	ND (10)	ND (10)
Toluene	µg/kg	1000000	-	-	-	ND (11)	ND (11)	ND (10)	ND (10)
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	ND (11)	ND (11)	ND (10)	ND (10)
Trichloroethene	µg/kg	400000	-	-	-	ND (11)	ND (11)	ND (10)	ND (10)
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	ND (11)	ND (11)	ND (10)	ND (10)
Xylenes (total)	µg/kg	1000000	-	-	-	3 J	ND (11)	ND (10)	ND (10)
Semi-Volatiles									
1,2,4-Trichlorobenzene	µg/kg	-	ND (1100)	ND (410)	ND (480)	ND (350)	ND (380)	ND (340)	ND (340)
1,2-Dichlorobenzene	µg/kg	1000000	ND (1100)	ND (410)	ND (480)	ND (350)	ND (380)	ND (340)	ND (340)
1,3-Dichlorobenzene	µg/kg	560000	ND (1100)	ND (410)	ND (480)	ND (350)	ND (380)	ND (340)	ND (340)
1,4-Dichlorobenzene	µg/kg	250000	ND (1100)	ND (410)	ND (480)	ND (350)	ND (380)	ND (340)	ND (340)
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	ND (1100)	ND (410)	ND (480)	ND (350)	ND (380)	ND (340)	ND (340)
2,4,5-Trichlorophenol	µg/kg	-	ND (2900)	ND (1000)	ND (1200)	ND (880)	ND (950)	ND (850)	ND (860)
2,4,6-Trichlorophenol	µg/kg	-	ND (1100)	ND (410)	ND (480)	ND (350)	ND (380)	ND (340)	ND (340)
2,4-Dichlorophenol	µg/kg	-	ND (1100)	ND (410)	ND (480)	ND (350)	ND (380)	ND (340)	ND (340)
2,4-Dimethylphenol	µg/kg	-	ND (1100)	ND (410)	ND (480)	36 J	ND (380)	ND (340)	ND (340)
2,4-Dinitrophenol	µg/kg	-	ND (2900)	ND (1000)	ND (1200)	ND (880)	ND (950)	ND (850)	ND (860)
2,4-Dinitrotoluene	µg/kg	-	ND (1100)	ND (410)	ND (480)	ND (350)	ND (380)	ND (340)	ND (340)
2,6-Dinitrotoluene	µg/kg	-	ND (1100)	ND (410)	ND (480)	ND (350)	ND (380)	ND (340)	ND (340)
2-Chloronaphthalene	µg/kg	-	ND (1100)	ND (410)	ND (480)	ND (350)	ND (380)	ND (340)	ND (340)
2-Chlorophenol	µg/kg	-	ND (1100)	ND (410)	ND (480)	ND (350)	ND (380)	ND (340)	ND (340)
2-Methylnaphthalene	µg/kg	-	ND (1100)	ND (410)	ND (480)	1100	260 J	ND (340)	ND (340)
2-Methylphenol	µg/kg	1000000	ND (1100)	ND (410)	ND (480)	ND (350)	ND (380)	ND (340)	ND (340)
2-Nitroaniline	µg/kg	-	ND (2900)	ND (1000)	ND (1200)	ND (880)	ND (950)	ND (850)	ND (860)
2-Nitrophenol	µg/kg	-	ND (1100)	ND (410)	ND (480)	ND (350)	ND (380)	ND (340)	ND (340)
3&4-Methylphenol	µg/kg	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	ND (1100)	ND (410)	ND (480)	ND (350)	ND (380)	ND (340)	ND (340)

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-SS-29*	*OU-4-SS-30*	*OU-4-SS-31*	*OW10-99*	*OW11-99*	*OW12-99*	*OW12-99*
Sample ID:			*SS-2939-072403-SW-002*	*SS-2939-072403-SW-003*	*SS-2939-072403-SW-004*	*S-JRR-001*	*S-JRR-019*	*S-JRR-009*	*S-JRR-010*
Sample Date:			*7/24/2003*	*7/24/2003*	*7/24/2003*	*7/29/1999*	*8/3/1999*	*7/30/1999*	*7/30/1999*
Sample Depth:			*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0.5-1.5 ft BGS*	*0.4-1.4 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							*Duplicate*
3-Nitroaniline	µg/kg	-	ND (2900)	ND (1000)	ND (1200)	ND (880)	ND (950)	ND (850)	ND (860)
4,6-Dinitro-2-methylphenol	µg/kg	-	ND (2900)	ND (1000)	ND (1200)	ND (880)	ND (950)	ND (850)	ND (860)
4-Bromophenyl phenyl ether	µg/kg	-	ND (1100)	ND (410)	ND (480)	ND (350)	ND (380)	ND (340)	ND (340)
4-Chloro-3-methylphenol	µg/kg	-	ND (1100)	ND (410)	ND (480)	ND (350)	ND (380)	ND (340)	ND (340)
4-Chloroaniline	µg/kg	-	ND (1100)	ND (410)	ND (480)	ND (350)	ND (380)	ND (340)	ND (340)
4-Chlorophenyl phenyl ether	µg/kg	-	ND (1100)	ND (410)	ND (480)	ND (350)	ND (380)	ND (340)	ND (340)
4-Methylphenol	µg/kg	1000000	ND (1100)	ND (410)	ND (480)	80 J	ND (380)	ND (340)	ND (340)
4-Nitroaniline	µg/kg	-	ND (2900)	ND (1000)	ND (1200)	ND (880)	ND (950)	ND (850)	ND (860)
4-Nitrophenol	µg/kg	-	ND (2900)	ND (1000)	ND (1200)	ND (880)	ND (950)	ND (850)	ND (860)
Acenaphthene	µg/kg	1000000	500 J	ND (410)	300 J	2600	240 J	38 J	ND (340)
Acenaphthylene	µg/kg	1000000	ND (1100)	ND (410)	100 J	1400	180 J	270 J	67 J
Acetophenone	µg/kg	-	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	1600	100 J	1200	5700	710	330 J	51 J
Atrazine	µg/kg	-	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	5300	700	3800	10000	2900 J	1700 J	190 J
Benzo(a)pyrene	µg/kg	1100	**4200**	730	**3300**	**8500**	**1500**	**1300 J**	170 J
Benzo(b)fluoranthene	µg/kg	11000	5600	890	4500	8400	1400	1100 J	180 J
Benzo(g,h,i)perylene	µg/kg	1000000	3500	200 J	1000	5700	2600	1000 J	160 J
Benzo(k)fluoranthene	µg/kg	110000	2200	730	2100	7500	1200	870 J	150 J
Benzoic acid	µg/kg	-	-	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	ND (1100)	ND (410)	ND (480)	ND (350)	ND (380)	ND (340)	ND (340)
bis(2-Chloroethyl)ether	µg/kg	-	ND (1100)	ND (410)	ND (480)	ND (350)	ND (380)	ND (340)	ND (340)
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	300 J	300 J	1800	ND (350)	ND (380) J	ND (340)	ND (340)
Butyl benzylphthalate (BBP)	µg/kg	-	400 J	100 J	1400	ND (350)	ND (380) J	ND (340)	ND (340)
Caprolactam	µg/kg	-	-	-	-	-	-	-	-
Carbazole	µg/kg	-	800 J	ND (410)	490	2000	350 J	65 J	ND (340)
Chrysene	µg/kg	110000	5600	700	3500	11000	2300 J	1400 J	170 J
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	ND (1100)	ND (410)	ND (480)	**2300**	**1500**	500 J	63 J
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	400 J	ND (410)	200 J	2400	330 J	ND (340)	ND (340)
Diethyl phthalate	µg/kg	-	ND (1100)	ND (410)	ND (480)	ND (350)	ND (380)	ND (340)	ND (340)
Dimethyl phthalate	µg/kg	-	ND (1100)	ND (410)	ND (480)	ND (350)	ND (380)	ND (340)	ND (340)
Di-n-butylphthalate (DBP)	µg/kg	-	ND (1100)	ND (410)	300 J	ND (350)	ND (380)	ND (340)	ND (340)
Di-n-octyl phthalate (DnOP)	µg/kg	-	ND (1100)	ND (410)	100 J	ND (350)	ND (380) J	ND (340)	ND (340)
Fluoranthene	µg/kg	1000000	9100	940	6200	24000	2600	2000 J	230 J

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-SS-29*	*OU-4-SS-30*	*OU-4-SS-31*	*OW10-99*	*OW11-99*	*OW12-99*	*OW12-99*
Sample ID:			*SS-2939-072403-SW-002*	*SS-2939-072403-SW-003*	*SS-2939-072403-SW-004*	*S-JRR-001*	*S-JRR-019*	*S-JRR-009*	*S-JRR-010*
Sample Date:			*7/24/2003*	*7/24/2003*	*7/24/2003*	*7/29/1999*	*8/3/1999*	*7/30/1999*	*7/30/1999*
Sample Depth:			*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0.5-1.5 ft BGS*	*0.4-1.4 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							*Duplicate*
Fluorene	µg/kg	1000000	500 J	ND (410)	300 J	4700	300 J	35 J	ND (340)
Hexachlorobenzene	µg/kg	12000	ND (1100)	ND (410)	ND (480)	ND (350)	ND (380)	ND (340)	ND (340)
Hexachlorobutadiene	µg/kg	-	ND (1100)	ND (410)	ND (480)	ND (350)	ND (380)	ND (340)	ND (340)
Hexachlorocyclopentadiene	µg/kg	-	ND (1100)	ND (410)	ND (480)	ND (350)	ND (380)	ND (340)	ND (340)
Hexachloroethane	µg/kg	-	ND (1100)	ND (410)	ND (480)	ND (350)	ND (380)	ND (340)	ND (340)
Indeno(1,2,3-cd)pyrene	µg/kg	11000	3200	300 J	1100	5700	2300 J	980 J	150 J
Isophorone	µg/kg	-	ND (1100)	ND (410)	ND (480)	ND (350)	ND (380)	ND (340)	ND (340)
Naphthalene	µg/kg	1000000	300 J	100 J	100 J	1400	330 J	67 J	ND (340)
Nitrobenzene	µg/kg	140000	ND (1100)	ND (410)	ND (480)	ND (350)	ND (380)	ND (340)	ND (340)
N-Nitrosodi-n-propylamine	µg/kg	-	ND (1100)	ND (410)	ND (480)	ND (350)	ND (380)	ND (340)	ND (340)
N-Nitrosodiphenylamine	µg/kg	-	ND (1100)	ND (410)	ND (480)	350	ND (380)	ND (340)	ND (340)
Pentachlorophenol	µg/kg	55000	ND (2900)	ND (1000)	ND (1200)	ND (880)	ND (950)	ND (850)	ND (860)
Phenanthrene	µg/kg	1000000	8000	490	4500	24000	2400	860 J	120 J
Phenol	µg/kg	1000000	ND (1100)	ND (410)	ND (480)	ND (350)	ND (380)	ND (340)	ND (340)
Pyrene	µg/kg	1000000	9000	1000	5900	21000	3900	2000 J	240 J
Metals									
Aluminum	µg/kg	-	15000000	7530000	6620000	3440000	8060000	7100000	8680000
Antimony	µg/kg	-	13400 J	10600 J	3600 J	2100 J	48300 J	ND (1500) J	ND (1500) J
Arsenic	µg/kg	16000	**65100**	**42800**	**16600**	11500	**295000**	6000	4100
Barium	µg/kg	10000000	359000	69700	635000	45600	117000	75600	64700
Beryllium	µg/kg	2700000	1100	410	330	290	520	400	440
Cadmium	µg/kg	60000	1900	3300	2000	1200	3100	100	ND (62)
Calcium	µg/kg	-	41100000 J	13200000 J	35400000 J	75400000	5820000	3080000	2130000
Chromium	µg/kg	-	51500 J	22800 J	46600 J	13400	28700	20500	25000
Cobalt	µg/kg	-	11400	8000	9000	6200	31400	11000	14300
Copper	µg/kg	10000000	2320000	3460000	533000	628000 J	6790000 J	153000 J	98400 J
Iron	µg/kg	-	31900000	22200000	17800000	13900000	25100000	15500000	18000000
Lead	µg/kg	3900000	919000	504000	835000	158000	2700000	125000	82700
Magnesium	µg/kg	-	3950000	3900000	6010000	47800000	2660000	2730000	2980000
Manganese	µg/kg	10000000	281000	259000	252000	271000 J	144000 J	318000 J	331000 J
Mercury	µg/kg	5700	ND (19)	**19500**	1000	2700 J	3600 J	ND (45) J	84 J
Nickel	µg/kg	10000000	79100	174000	32100	27000	609000	18400	17500
Potassium	µg/kg	-	1550000	742000	708000	800000 J	1830000 J	1080000 J	1390000 J
Selenium	µg/kg	6800000	10900 J	30100 J	8700 J	850	40400	1300	910
Silver	µg/kg	6800000	19000	30500	3700	1200	10000	1200	530
Sodium	µg/kg	-	438000	147000	484000	216000	365000	164000	196000
Thallium	µg/kg	-	ND (480)	ND (520)	ND (610)	1200	2400	1500	1300
Vanadium	µg/kg	-	52800	39300	32400	23100	31500	30500	35100
Zinc	µg/kg	10000000	464000	1330000	674000	274000	1060000	123000	123000

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-SS-29*	*OU-4-SS-30*	*OU-4-SS-31*	*OW10-99*	*OW11-99*	*OW12-99*	*OW12-99*
Sample ID:			*SS-2939-072403-SW-002*	*SS-2939-072403-SW-003*	*SS-2939-072403-SW-004*	*S-JRR-001*	*S-JRR-019*	*S-JRR-009*	*S-JRR-010*
Sample Date:			*7/24/2003*	*7/24/2003*	*7/24/2003*	*7/29/1999*	*8/3/1999*	*7/30/1999*	*7/30/1999*
Sample Depth:			*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0.5-1.5 ft BGS*	*0.4-1.4 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							*Duplicate*
PCBs									
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (5800)	ND (6200)	ND (7300)	ND (35)	ND (38)	ND (34)	ND (34)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (12000)	ND (12000)	ND (15000)	ND (71)	ND (76)	ND (69)	ND (69)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (5800)	ND (6200)	ND (7300)	ND (35)	ND (38)	ND (34)	ND (34)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (5800)	ND (6200)	ND (7300)	ND (35)	ND (38)	ND (34)	ND (34)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (5800)	ND (6200)	ND (7300)	ND (35)	ND (38)	ND (34)	ND (34)
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (5800)	12000	ND (7300)	56 J	3900 J	22 J	ND (34)
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (5800)	ND (6200)	ND (7300)	ND (150)	110 J	ND (34)	ND (34)
Total PCBs	µg/kg	-	ND	12000	ND	56	4010	22	ND
Pesticides									
4,4'-DDD	µg/kg	180000	-	-	-	35 J	7.7 J	ND (3.4)	ND (3.4)
4,4'-DDE	µg/kg	120000	-	-	-	ND (3.5)	22	ND (3.4)	ND (3.4)
4,4'-DDT	µg/kg	94000	-	-	-	300 J	R	ND (3.4)	ND (3.4)
Aldrin	µg/kg	1400	-	-	-	ND (1.8)	ND (1.9)	ND (1.7)	ND (1.8)
alpha-BHC	µg/kg	6800	-	-	-	ND (1.8)	ND (1.9)	ND (1.7)	ND (1.8)
alpha-Chlordane	µg/kg	47000	-	-	-	ND (1.8)	ND (1.9)	ND (1.7)	ND (1.8)
beta-BHC	µg/kg	14000	-	-	-	ND (1.8)	ND (1.9)	ND (1.7)	ND (1.8)
delta-BHC	µg/kg	1000000	-	-	-	ND (1.8)	ND (1.9)	ND (1.7)	ND (1.8)
Dieldrin	µg/kg	2800	-	-	-	ND (3.5)	31	ND (3.4)	ND (3.4)
Endosulfan I	µg/kg	920000	-	-	-	ND (3.5)	41	ND (1.7)	ND (1.8)
Endosulfan II	µg/kg	920000	-	-	-	3.5 J	ND (3.8)	ND (3.4)	ND (3.4)
Endosulfan sulfate	µg/kg	920000	-	-	-	ND (18)	ND (19)	ND (3.4)	ND (3.4)
Endrin	µg/kg	410000	-	-	-	ND (3.5)	ND (3.8)	ND (3.4)	ND (3.4)
Endrin aldehyde	µg/kg	-	-	-	-	7.6 J	ND (19)	ND (3.4)	ND (3.4)
Endrin ketone	µg/kg	-	-	-	-	49 J	ND (19)	ND (3.4)	ND (3.4)
gamma-BHC (lindane)	µg/kg	23000	-	-	-	ND (1.8)	ND (1.9)	ND (1.7)	ND (1.8)
gamma-Chlordane	µg/kg	-	-	-	-	ND (1.8)	ND (1.9)	ND (1.7)	ND (1.8)
Heptachlor	µg/kg	29000	-	-	-	ND (1.8)	ND (1.9)	ND (1.7)	ND (1.8)
Heptachlor epoxide	µg/kg	-	-	-	-	ND (1.8)	ND (1.9)	ND (1.7)	ND (1.8)
Methoxychlor	µg/kg	-	-	-	-	ND (18)	ND (19)	ND (17)	ND (18)
Toxaphene	µg/kg	-	-	-	-	ND (180)	ND (190)	ND (170)	ND (180)
Petroleum Hydrocarbons									
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-SS-29*	*OU-4-SS-30*	*OU-4-SS-31*	*OW10-99*	*OW11-99*	*OW12-99*	*OW12-99*
Sample ID:			*SS-2939-072403-SW-002*	*SS-2939-072403-SW-003*	*SS-2939-072403-SW-004*	*S-JRR-001*	*S-JRR-019*	*S-JRR-009*	*S-JRR-010*
Sample Date:			*7/24/2003*	*7/24/2003*	*7/24/2003*	*7/29/1999*	*8/3/1999*	*7/30/1999*	*7/30/1999*
Sample Depth:			*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0.5-1.5 ft BGS*	*0.4-1.4 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							*Duplicate*
General Chemistry									
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	ND (530)	ND (570)	ND (510)	ND (520)
Nitrogen	µg/kg	-	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-	-	-

Notes:

greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

(Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OW15-00*	*PD2*	*PD8*	*PD8*	*PD14*	*PD14*	*PD14(A)*	*PD14(B)*	*PD14(C)*	*PD41*	*PDW-13*
Sample ID:			*S-MEJ-426*	*PD2A1*	*PD8A1*	*PD8A1-FD*	*PD14A1*	*S-JRR-026*	*S-JRR-023*	*S-JRR-029*	*S-JRR-031*	*PD41A1*	*PDW13A1*
Sample Date:			*9/6/2000*	*11/29/1993*	*11/29/1993*	*11/29/1993*	*12/2/1993*	*8/3/1999*	*8/3/1999*	*8/3/1999*	*8/4/1999*	*12/8/1993*	*12/13/1993*
Sample Depth:			*0-1 ft BGS*	*0-2 ft BGS*	*1.5-2 ft BGS*	*1.5-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
		RUSCO				*Duplicate*							
Parameter	*Units*	*Criteria*											
Volatiles													
1,1,1-Trichloroethane	µg/kg	1000000	-	ND (11)	ND (12)	ND (13)	ND (12)	-	-	-	-	ND (11)	ND (11)
1,1,2,2-Tetrachloroethane	µg/kg	-	-	ND (11)	ND (12)	ND (13)	ND (12)	-	-	-	-	ND (11)	ND (11)
1,1,2-Trichloroethane	µg/kg	-	-	ND (11)	ND (12)	ND (13)	ND (12)	-	-	-	-	ND (11)	ND (11)
1,1-Dichloroethane	µg/kg	480000	-	ND (11)	ND (12)	ND (13)	ND (12)	-	-	-	-	ND (11)	ND (11)
1,1-Dichloroethene	µg/kg	1000000	-	ND (11)	ND (12)	ND (13)	ND (12)	-	-	-	-	ND (11)	ND (11)
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	ND (11)	ND (12)	ND (13)	ND (12)	-	-	-	-	ND (11)	ND (11)
1,2-Dichloroethene (total)	µg/kg	-	-	ND (11)	ND (12)	ND (13)	ND (12)	-	-	-	-	ND (11)	ND (11)
1,2-Dichloropropane	µg/kg	-	-	ND (11)	ND (12)	ND (13)	ND (12)	-	-	-	-	ND (11)	ND (11)
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	ND (11)	ND (12)	ND (13)	ND (12)	-	-	-	-	ND (11)	ND (11)
2-Hexanone	µg/kg	-	-	ND (11)	ND (12)	ND (13)	ND (12)	-	-	-	-	ND (11)	ND (11)
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	ND (11)	ND (12)	ND (13)	ND (12)	-	-	-	-	ND (11)	ND (11)
Acetone	µg/kg	1000000	-	19	ND (12)	ND (13)	ND (12)	-	-	-	-	ND (11)	ND (11)
Benzene	µg/kg	89000	-	ND (11)	ND (12)	ND (13)	ND (12)	-	-	-	-	ND (11)	ND (11)
Bromodichloromethane	µg/kg	-	-	ND (11)	ND (12)	ND (13)	ND (12)	-	-	-	-	ND (11)	ND (11)
Bromoform	µg/kg	-	-	ND (11)	ND (12)	ND (13)	ND (12)	-	-	-	-	ND (11)	ND (11)
Bromomethane (Methyl bromide)	µg/kg	-	-	ND (11)	ND (12)	ND (13)	ND (12)	-	-	-	-	ND (11)	ND (11)
Carbon disulfide	µg/kg	-	-	ND (11)	ND (12)	ND (13)	ND (12)	-	-	-	-	ND (11)	ND (11)
Carbon tetrachloride	µg/kg	44000	-	ND (11)	ND (12)	ND (13)	ND (12)	-	-	-	-	ND (11)	ND (11)
Chlorobenzene	µg/kg	1000000	-	ND (11)	ND (12)	ND (13)	ND (12)	-	-	-	-	ND (11)	ND (11)
Chloroethane	µg/kg	-	-	ND (11)	ND (12)	ND (13)	ND (12)	-	-	-	-	ND (11)	ND (11)
Chloroform (Trichloromethane)	µg/kg	700000	-	ND (11)	ND (12)	ND (13)	ND (12)	-	-	-	-	ND (11)	ND (11)
Chloromethane (Methyl chloride)	µg/kg	-	-	ND (11)	ND (12)	ND (13)	ND (12)	-	-	-	-	ND (11)	ND (11)
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	ND (11)	ND (12)	ND (13)	ND (12)	-	-	-	-	ND (11)	ND (11)
Cyclohexane	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	ND (11)	ND (12)	ND (13)	ND (12)	-	-	-	-	ND (11)	ND (11)
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	ND (11)	ND (12)	ND (13)	ND (12)	-	-	-	-	ND (11)	ND (11)
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	ND (11)	ND (12)	-	ND (12)	-	-	-	-	ND (11)	ND (11)

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OW15-00*	*PD2*	*PD8*	*PD8*	*PD14*	*PD14*	*PD14(A)*	*PD14(B)*	*PD14(C)*	*PD41*	*PDW-13*
Sample ID:			*S-MEJ-426*	*PD2A1*	*PD8A1*	*PD8A1-FD*	*PD14A1*	*S-JRR-026*	*S-JRR-023*	*S-JRR-029*	*S-JRR-031*	*PD41A1*	*PDW13A1*
Sample Date:			*9/6/2000*	*11/29/1993*	*11/29/1993*	*11/29/1993*	*12/2/1993*	*8/3/1999*	*8/3/1999*	*8/3/1999*	*8/4/1999*	*12/8/1993*	*12/13/1993*
Sample Depth:			*0-1 ft BGS*	*0-2 ft BGS*	*1.5-2 ft BGS*	*1.5-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
		RUSCO				*Duplicate*							
Parameter	*Units*	*Criteria*											
Methyl acetate	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	ND (11)	ND (12)	ND (13)	ND (12)	-	-	-	-	ND (11)	ND (11)
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Styrene	µg/kg	-	-	ND (11)	ND (12)	ND (13)	ND (12)	-	-	-	-	ND (11)	ND (11)
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	ND (11)	ND (12)	ND (13)	ND (12)	-	-	-	-	ND (11)	ND (11)
Toluene	µg/kg	1000000	-	ND (11)	ND (12)	ND (13)	ND (12)	-	-	-	-	ND (11)	ND (11)
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	ND (11)	ND (12)	ND (13)	ND (12)	-	-	-	-	ND (11)	ND (11)
Trichloroethene	µg/kg	400000	-	ND (11)	ND (12)	ND (13)	ND (12)	-	-	-	-	ND (11)	ND (11)
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	ND (11)	ND (12)	ND (13)	ND (12)	-	-	-	-	ND (11)	ND (11)
Xylenes (total)	µg/kg	1000000	-	ND (11)	ND (12)	ND (13)	ND (12)	-	-	-	-	ND (11)	8 J
Semi-Volatiles													
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	ND (330)	ND (330)	ND (330)	ND (330)	-	-	-	-	ND (330)	ND (330)
2-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OW15-00*	*PD2*	*PD8*	*PD8*	*PD14*	*PD14*	*PD14(A)*	*PD14(B)*	*PD14(C)*	*PD41*	*PDW-13*
Sample ID:			*S-MEJ-426*	*PD2A1*	*PD8A1*	*PD8A1-FD*	*PD14A1*	*S-JRR-026*	*S-JRR-023*	*S-JRR-029*	*S-JRR-031*	*PD41A1*	*PDW13A1*
Sample Date:			*9/6/2000*	*11/29/1993*	*11/29/1993*	*11/29/1993*	*12/2/1993*	*8/3/1999*	*8/3/1999*	*8/3/1999*	*8/4/1999*	*12/8/1993*	*12/13/1993*
Sample Depth:			*0-1 ft BGS*	*0-2 ft BGS*	*1.5-2 ft BGS*	*1.5-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
		RUSCO				*Duplicate*							
Parameter	*Units*	*Criteria*											
3-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	ND (330)	ND (330)	ND (330)	ND (330)	-	-	-	-	ND (330)	ND (330)
Acenaphthylene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	ND (330)	ND (330)	ND (330)	ND (330)	-	-	-	-	ND (330)	ND (330)
Atrazine	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	ND (330)	ND (330)	ND (330)	ND (330)	-	-	-	-	ND (330)	ND (330)
Benzo(a)pyrene	µg/kg	1100	-	ND (330)	ND (330)	ND (330)	ND (330)	-	-	-	-	ND (330)	ND (330)
Benzo(b)fluoranthene	µg/kg	11000	-	ND (330)	ND (330)	ND (330)	ND (330)	-	-	-	-	450	ND (330)
Benzo(g,h,i)perylene	µg/kg	1000000	-	ND (330)	ND (330)	ND (330)	ND (330)	-	-	-	-	ND (330)	ND (330)
Benzo(k)fluoranthene	µg/kg	110000	-	ND (330)	ND (330)	ND (330)	ND (330)	-	-	-	-	ND (330)	ND (330)
Benzoic acid	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	ND (330)	ND (330)	ND (330)	ND (330)	-	-	-	-	ND (330)	ND (330)
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	ND (330)	ND (330)	ND (330)	450	-	-	-	-	ND (330)	ND (330)
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-	-	-	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	ND (330)	ND (330)	ND (330)	ND (330)	-	-	-	-	ND (330)	ND (330)
Diethyl phthalate	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	ND (330)	ND (330)	ND (330)	740	-	-	-	-	590	ND (330)

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OW15-00*	*PD2*	*PD8*	*PD8*	*PD14*	*PD14*	*PD14(A)*	*PD14(B)*	*PD14(C)*	*PD41*	*PDW-13*
Sample ID:			*S-MEJ-426*	*PD2A1*	*PD8A1*	*PD8A1-FD*	*PD14A1*	*S-JRR-026*	*S-JRR-023*	*S-JRR-029*	*S-JRR-031*	*PD41A1*	*PDW13A1*
Sample Date:			*9/6/2000*	*11/29/1993*	*11/29/1993*	*11/29/1993*	*12/2/1993*	*8/3/1999*	*8/3/1999*	*8/3/1999*	*8/4/1999*	*12/8/1993*	*12/13/1993*
Sample Depth:			*0-1 ft BGS*	*0-2 ft BGS*	*1.5-2 ft BGS*	*1.5-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
		RUSCO				*Duplicate*							
Parameter	*Units*	*Criteria*											
Fluorene	µg/kg	1000000	-	ND (330)	ND (330)	ND (330)	ND (330)	-	-	-	-	ND (330)	ND (330)
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	ND (330)	ND (330)	ND (330)	ND (330)	-	-	-	-	ND (330)	ND (330)
Isophorone	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	ND (330)	ND (330)	ND (330)	ND (330)	-	-	-	-	ND (330)	ND (330)
Nitrobenzene	µg/kg	140000	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	ND (330)	ND (330)	ND (330)	620	-	-	-	-	ND (330)	ND (330)
Phenol	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-	-
Pyrene	µg/kg	1000000	-	ND (330)	ND (330)	ND (330)	1100	-	-	-	-	620	ND (330)
Metals													
Aluminum	µg/kg	-	9480000	5840000	2500000	2670000	5940000	-	-	-	-	3520000	6700000
Antimony	µg/kg	-	170000 J	21900	38600	12200 B	232000	-	-	-	-	28800	19300
Arsenic	µg/kg	16000	**168000**	**117000**	**16300**	**18300**	**102000**	-	-	-	-	**54500**	**18000**
Barium	µg/kg	10000000	305000	163000	113000	98800	268000	-	-	-	-	70200	179000
Beryllium	µg/kg	2700000	1100	2700	890 B	560 B	470 B	-	-	-	-	780 B	670 B
Cadmium	µg/kg	60000	1800	21700	11300	1300	1800	-	-	-	-	17700	1400
Calcium	µg/kg	-	12900000	83700000	47800000	52300000	31100000	-	-	-	-	2750000	4750000
Chromium	µg/kg	-	34000	37100	16000	14700	19700	-	-	-	-	18500	16500
Cobalt	µg/kg	-	37800	25100	9900 B	7900 B	4500 B	-	-	-	-	42500	14800
Copper	µg/kg	10000000	2810000	**33000000**	2700000	2790000	8630000	-	-	-	-	3000000	1260000
Iron	µg/kg	-	44600000	31700000	15100000	11800000	25500000	-	-	-	-	15900000	28200000
Lead	µg/kg	3900000	676000 J	1110000	660000	527000	1720000	-	-	-	-	824000	196000
Magnesium	µg/kg	-	3910000	9370000	2280000	2550000	3780000	-	-	-	-	1060000 B	3280000
Manganese	µg/kg	10000000	363000 J	329000	117000	100000	256000	-	-	-	-	241000	355000
Mercury	µg/kg	5700	2200	2100	480	510	420	-	-	-	-	1700	400
Nickel	µg/kg	10000000	120000	510000	76500	64400	143000	-	-	-	-	1020000	50600
Potassium	µg/kg	-	1060000	505000 B	846000 B	866000 B	317000 B	-	-	-	-	465000 B	974000 B
Selenium	µg/kg	6800000	7400 J	14700	ND (740)	ND (7400)	106000	-	-	-	-	2200	2800
Silver	µg/kg	6800000	4000 J	13100	5800	3400	98600	-	-	-	-	12000	9000
Sodium	µg/kg	-	405000	356000 B	998000 B	984000 B	364000 B	-	-	-	-	141000 B	208000 B
Thallium	µg/kg	-	6700	ND (240)	ND (250)	ND (2500)	350 B	-	-	-	-	330 B	ND (220)
Vanadium	µg/kg	-	37700	66000	12200 B	13000	23000	-	-	-	-	33900	24400
Zinc	µg/kg	10000000	20600	1880000	3060000	1130000	334000	-	-	-	-	1960000	752000

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OW15-00*	*PD2*	*PD8*	*PD8*	*PD14*	*PD14*	*PD14(A)*	*PD14(B)*	*PD14(C)*	*PD41*	*PDW-13*
Sample ID:			*S-MEJ-426*	*PD2A1*	*PD8A1*	*PD8A1-FD*	*PD14A1*	*S-JRR-026*	*S-JRR-023*	*S-JRR-029*	*S-JRR-031*	*PD41A1*	*PDW13A1*
Sample Date:			*9/6/2000*	*11/29/1993*	*11/29/1993*	*11/29/1993*	*12/2/1993*	*8/3/1999*	*8/3/1999*	*8/3/1999*	*8/4/1999*	*12/8/1993*	*12/13/1993*
Sample Depth:			*0-1 ft BGS*	*0-2 ft BGS*	*1.5-2 ft BGS*	*1.5-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
		RUSCO				*Duplicate*							
Parameter	*Units*	*Criteria*											
PCBs													
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (39)	ND (190)	ND (21)	-	ND (2000)	ND (36)	ND (40)	ND (39)	ND (34)	ND (380)	ND (94)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (77)	ND (190)	ND (21)	-	ND (2000)	ND (73)	ND (82)	ND (80)	ND (69)	ND (760)	ND (94)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (39)	ND (190)	ND (21)	-	ND (2000)	ND (36)	ND (40)	ND (39)	ND (34)	ND (380)	ND (94)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (39)	ND (190)	ND (21)	-	ND (2000)	ND (36)	ND (40)	ND (39)	ND (34)	ND (380)	ND (94)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (39)	ND (190)	ND (21)	-	ND (2000)	ND (36)	ND (40)	ND (39)	ND (34)	ND (380)	ND (94)
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (39)	2000	320	-	15000	29 J	140	2600	3600	ND (380)	1200
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (39)	ND (190)	ND (21)	-	ND (2000)	ND (36)	30 J	250	340	ND (380)	ND (94)
Total PCBs	µg/kg	-	ND	2000	320	-	15000	29	170	2850	3940	ND	1200
Pesticides													
4,4'-DDD	µg/kg	180000	-	ND (19)	ND (2.1)	-	ND (200)	-	-	-	-	ND (38)	ND (9.4)
4,4'-DDE	µg/kg	120000	-	ND (19)	ND (2.1)	-	ND (200)	-	-	-	-	ND (38)	ND (9.4)
4,4'-DDT	µg/kg	94000	-	ND (38)	ND (4.2)	-	ND (400)	-	-	-	-	ND (38)	ND (19)
Aldrin	µg/kg	1400	-	ND (15)	ND (1.7)	-	ND (160)	-	-	-	-	ND (19)	ND (7.5)
alpha-BHC	µg/kg	6800	-	ND (9.5)	ND (1.1)	-	ND (100)	-	-	-	-	ND (19)	ND (4.7)
alpha-Chlordane	µg/kg	47000	-	ND (19)	ND (2.1)	-	ND (200)	-	-	-	-	ND (19)	ND (9.4)
beta-BHC	µg/kg	14000	-	ND (19)	ND (2.1)	-	ND (200)	-	-	-	-	ND (19)	ND (9.4)
delta-BHC	µg/kg	1000000	-	ND (19)	ND (2.1)	-	ND (200)	-	-	-	-	ND (19)	ND (9.4)
Dieldrin	µg/kg	2800	-	ND (19)	ND (2.1)	-	ND (200)	-	-	-	-	ND (38)	ND (9.4)
Endosulfan I	µg/kg	920000	-	ND (19)	ND (2.1)	-	ND (200)	-	-	-	-	ND (19)	ND (9.4)
Endosulfan II	µg/kg	920000	-	ND (19)	ND (2.1)	-	ND (200)	-	-	-	-	ND (38)	ND (9.4)
Endosulfan sulfate	µg/kg	920000	-	ND (38)	ND (4.2)	-	ND (400)	-	-	-	-	ND (38)	ND (19)
Endrin	µg/kg	410000	-	ND (19)	ND (2.1)	-	ND (200)	-	-	-	-	ND (38)	ND (9.4)
Endrin aldehyde	µg/kg	-	-	ND (19)	ND (2.1)	-	ND (200)	-	-	-	-	ND (38)	ND (9.4)
Endrin ketone	µg/kg	-	-	ND (19)	ND (2.1)	-	ND (200)	-	-	-	-	ND (38)	ND (9.4)
gamma-BHC (lindane)	µg/kg	23000	-	ND (19)	ND (2.1)	-	ND (200)	-	-	-	-	ND (19)	ND (9.4)
gamma-Chlordane	µg/kg	-	-	ND (19)	ND (2.1)	-	ND (200)	-	-	-	-	ND (19)	ND (9.4)
Heptachlor	µg/kg	29000	-	ND (15)	ND (1.7)	-	ND (160)	-	-	-	-	ND (19)	ND (7.5)
Heptachlor epoxide	µg/kg	-	-	ND (38)	ND (4.2)	-	ND (400)	-	-	-	-	ND (19)	ND (19)
Methoxychlor	µg/kg	-	-	ND (150)	ND (17)	-	ND (1600)	-	-	-	-	ND (190)	ND (75)
Toxaphene	µg/kg	-	-	ND (95)	ND (11)	-	ND (1000)	-	-	-	-	ND (1900)	ND (47)
Petroleum Hydrocarbons													
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OW15-00*	*PD2*	*PD8*	*PD8*	*PD14*	*PD14*	*PD14(A)*	*PD14(B)*	*PD14(C)*	*PD41*	*PDW-13*
Sample ID:			*S-MEJ-426*	*PD2A1*	*PD8A1*	*PD8A1-FD*	*PD14A1*	*S-JRR-026*	*S-JRR-023*	*S-JRR-029*	*S-JRR-031*	*PD41A1*	*PDW13A1*
Sample Date:			*9/6/2000*	*11/29/1993*	*11/29/1993*	*11/29/1993*	*12/2/1993*	*8/3/1999*	*8/3/1999*	*8/3/1999*	*8/4/1999*	*12/8/1993*	*12/13/1993*
Sample Depth:			*0-1 ft BGS*	*0-2 ft BGS*	*1.5-2 ft BGS*	*1.5-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
		RUSCO				*Duplicate*							
Parameter	*Units*	*Criteria*											
General Chemistry													
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	ND (1200)	ND (1200)	ND (1200)	ND (1200)	-	-	-	-	ND (1200)	ND (1100)
Nitrogen	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	613000	396000	399000	5270000	-	-	-	-	2980000	803000
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-	-	-	-	-	-
pH	s.u.	-	8.33	-	-	-	-	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	36500000	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	493000	323000	311000	3760000	-	-	-	-	2665000	622000
Total solids	%	-	86.3	-	-	-	-	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-	-	-	-	-	-	-

Notes:

greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

(Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PDW-40*	*SB-1-ROW*	*SB-2-ROW*	*SB-3-ROW*	*SB-4-ROW*
Sample ID:			*PDW40A1*	*SO-34084-102210-RR-001*	*SO-34084-102210-RR-004*	*SO-34084-102210-RR-007*	*SO-34084-102210-RR-010*
Sample Date:			*12/7/1993*	*10/22/2010*	*10/22/2010*	*10/22/2010*	*10/22/2010*
Sample Depth:			*0-2.5 ft BGS*	*0.33-0.5 ft BGS*	*0.33-0.5 ft BGS*	*0-0.167 ft BGS*	*0.33-0.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	ND (11)	ND (11)	ND (11)	ND (11)	ND (12)
1,1,2,2-Tetrachloroethane	µg/kg	-	ND (11)	ND (11)	ND (11)	ND (11)	ND (12)
1,1,2-Trichloroethane	µg/kg	-	ND (11)	ND (11)	ND (11)	ND (11)	ND (12)
1,1-Dichloroethane	µg/kg	480000	ND (11)	ND (11)	ND (11)	ND (11)	ND (12)
1,1-Dichloroethene	µg/kg	1000000	ND (11)	ND (11)	ND (11)	ND (11)	ND (12)
1,2,4-Trichlorobenzene	µg/kg	-	-	ND (11)	ND (11)	ND (11)	ND (12)
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	ND (11)	ND (11)	ND (11)	ND (12)
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	ND (11)	ND (11)	ND (11)	ND (12)
1,2-Dichlorobenzene	µg/kg	1000000	-	ND (11)	ND (11)	ND (11)	ND (12)
1,2-Dichloroethane	µg/kg	60000	ND (11)	ND (11)	ND (11)	ND (11)	ND (12)
1,2-Dichloroethene (total)	µg/kg	-	ND (11)	-	-	-	-
1,2-Dichloropropane	µg/kg	-	ND (11)	ND (11)	ND (11)	ND (11)	ND (12)
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	ND (11)	ND (11)	ND (11)	ND (12)
1,4-Dichlorobenzene	µg/kg	250000	-	ND (11)	ND (11)	ND (11)	ND (12)
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	ND (11)	ND (11)	ND (11)	ND (11)	ND (12)
2-Hexanone	µg/kg	-	ND (11)	ND (11) UJ	ND (11) UJ	ND (11) UJ	ND (12) UJ
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	ND (11)	ND (11)	ND (11)	ND (11)	ND (12)
Acetone	µg/kg	1000000	ND (11)	14	ND (11)	22	ND (12)
Benzene	µg/kg	89000	ND (11)	ND (11)	ND (11)	ND (11)	ND (12)
Bromodichloromethane	µg/kg	-	ND (11)	ND (11)	ND (11)	ND (11)	ND (12)
Bromoform	µg/kg	-	ND (11)	ND (11)	ND (11)	ND (11)	ND (12)
Bromomethane (Methyl bromide)	µg/kg	-	ND (11)	ND (11)	ND (11)	ND (11)	ND (12)
Carbon disulfide	µg/kg	-	ND (11)	ND (11)	ND (11)	ND (11)	ND (12)
Carbon tetrachloride	µg/kg	44000	ND (11)	ND (11)	ND (11)	ND (11)	ND (12)
Chlorobenzene	µg/kg	1000000	ND (11)	ND (11)	ND (11)	ND (11)	ND (12)
Chloroethane	µg/kg	-	ND (11)	ND (11)	ND (11)	ND (11)	ND (12)
Chloroform (Trichloromethane)	µg/kg	700000	ND (11)	ND (11)	ND (11)	ND (11)	ND (12)
Chloromethane (Methyl chloride)	µg/kg	-	ND (11)	ND (11)	ND (11)	ND (11)	ND (12)
cis-1,2-Dichloroethene	µg/kg	1000000	ND (11)	ND (11)	ND (11)	ND (11)	ND (12)
cis-1,3-Dichloropropene	µg/kg	-	ND (11)	ND (11)	ND (11)	ND (11)	ND (12)
Cyclohexane	µg/kg	-	-	ND (11)	ND (11)	ND (11)	ND (12)
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	ND (11)	ND (11)	ND (11)	ND (11)	ND (12)
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	ND (11)	ND (11)	ND (11)	ND (12)
Ethylbenzene	µg/kg	780000	ND (11)	ND (11)	ND (11)	ND (11)	ND (12)
Isopropyl benzene	µg/kg	-	-	ND (11)	ND (11)	ND (11)	ND (12)
m&p-Xylenes	µg/kg	-	ND (11)	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PDW-40*	*SB-1-ROW*	*SB-2-ROW*	*SB-3-ROW*	*SB-4-ROW*
Sample ID:			*PDW40A1*	*SO-34084-102210-RR-001*	*SO-34084-102210-RR-004*	*SO-34084-102210-RR-007*	*SO-34084-102210-RR-010*
Sample Date:			*12/7/1993*	*10/22/2010*	*10/22/2010*	*10/22/2010*	*10/22/2010*
Sample Depth:			*0-2.5 ft BGS*	*0.33-0.5 ft BGS*	*0.33-0.5 ft BGS*	*0-0.167 ft BGS*	*0.33-0.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Methyl acetate	µg/kg	-	-	ND (11)	ND (11)	ND (11)	ND (12)
Methyl cyclohexane	µg/kg	-	-	ND (11)	ND (11)	ND (11)	ND (12)
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	ND (11)	ND (11)	ND (11)	ND (12)
Methylene chloride	µg/kg	1000000	ND (11)	ND (11) U	ND (11) U	ND (11) U	ND (12) U
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	ND (11)	ND (11)	ND (11)	ND (11)	ND (12)
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	ND (11)	ND (11)	ND (11)	ND (11)	ND (12)
Toluene	µg/kg	1000000	ND (11)	ND (11)	ND (11)	ND (11)	ND (12)
trans-1,2-Dichloroethene	µg/kg	1000000	-	ND (11)	ND (11)	ND (11)	ND (12)
trans-1,3-Dichloropropene	µg/kg	-	ND (11)	ND (11)	ND (11)	ND (11)	ND (12)
Trichloroethene	µg/kg	400000	ND (11)	ND (11)	ND (11)	ND (11)	ND (12)
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	ND (11)	ND (11)	ND (11)	ND (12)
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	ND (11)	ND (11)	ND (11)	ND (12)
Vinyl chloride	µg/kg	27000	ND (11)	ND (11)	ND (11)	ND (11)	ND (12)
Xylenes (total)	µg/kg	1000000	ND (11)	ND (11)	ND (11)	ND (11)	ND (12)
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	ND (360)	ND (350)	ND (360)	ND (390)
2,4,5-Trichlorophenol	µg/kg	-	-	ND (900)	ND (890)	ND (890)	ND (970)
2,4,6-Trichlorophenol	µg/kg	-	-	ND (360)	ND (350)	ND (360)	ND (390)
2,4-Dichlorophenol	µg/kg	-	-	ND (360)	ND (350)	ND (360)	ND (390)
2,4-Dimethylphenol	µg/kg	-	-	ND (360)	ND (350)	ND (360)	ND (390)
2,4-Dinitrophenol	µg/kg	-	-	ND (900) UJ	ND (890) UJ	ND (890) UJ	ND (970) UJ
2,4-Dinitrotoluene	µg/kg	-	-	ND (360)	ND (350)	ND (360)	ND (390)
2,6-Dinitrotoluene	µg/kg	-	-	ND (360)	ND (350)	ND (360)	ND (390)
2-Chloronaphthalene	µg/kg	-	-	ND (360)	ND (350)	ND (360)	ND (390)
2-Chlorophenol	µg/kg	-	-	ND (360)	ND (350)	ND (360)	ND (390)
2-Methylnaphthalene	µg/kg	-	ND (330)	230 J	ND (350)	ND (360)	ND (390)
2-Methylphenol	µg/kg	1000000	-	ND (360)	ND (350)	ND (360)	ND (390)
2-Nitroaniline	µg/kg	-	-	ND (900)	ND (890)	ND (890)	ND (970)
2-Nitrophenol	µg/kg	-	-	ND (360)	ND (350)	ND (360)	ND (390)
3&4-Methylphenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	ND (360)	ND (350)	ND (360)	ND (390)

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PDW-40*	*SB-1-ROW*	*SB-2-ROW*	*SB-3-ROW*	*SB-4-ROW*
Sample ID:			*PDW40A1*	*SO-34084-102210-RR-001*	*SO-34084-102210-RR-004*	*SO-34084-102210-RR-007*	*SO-34084-102210-RR-010*
Sample Date:			*12/7/1993*	*10/22/2010*	*10/22/2010*	*10/22/2010*	*10/22/2010*
Sample Depth:			*0-2.5 ft BGS*	*0.33-0.5 ft BGS*	*0.33-0.5 ft BGS*	*0-0.167 ft BGS*	*0.33-0.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
3-Nitroaniline	µg/kg	-	-	ND (900)	ND (890)	ND (890)	ND (970)
4,6-Dinitro-2-methylphenol	µg/kg	-	-	ND (900) UJ	ND (890) UJ	ND (890) UJ	ND (970) UJ
4-Bromophenyl phenyl ether	µg/kg	-	-	ND (360)	ND (350)	ND (360)	ND (390)
4-Chloro-3-methylphenol	µg/kg	-	-	ND (360)	ND (350)	ND (360)	ND (390)
4-Chloroaniline	µg/kg	-	-	ND (360)	ND (350)	ND (360)	ND (390)
4-Chlorophenyl phenyl ether	µg/kg	-	-	ND (360)	ND (350)	ND (360)	ND (390)
4-Methylphenol	µg/kg	1000000	-	ND (360) UJ	ND (350) UJ	ND (360) UJ	ND (390) UJ
4-Nitroaniline	µg/kg	-	-	ND (900)	ND (890)	ND (890)	ND (970)
4-Nitrophenol	µg/kg	-	-	ND (900)	ND (890)	ND (890)	ND (970)
Acenaphthene	µg/kg	1000000	ND (330)	ND (360)	75 J	ND (360)	ND (390)
Acenaphthylene	µg/kg	1000000	-	ND (360)	ND (350)	ND (360)	ND (390)
Acetophenone	µg/kg	-	-	87 J	ND (350)	ND (360)	ND (390)
Anthracene	µg/kg	1000000	ND (330)	91 J	290 J	ND (360)	ND (390)
Atrazine	µg/kg	-	-	ND (360)	ND (350)	ND (360)	ND (390)
Benzaldehyde	µg/kg	-	-	110 J	110 J	ND (360)	ND (390) UJ
Benzo(a)anthracene	µg/kg	11000	ND (330)	260 J	920	80 J	ND (390)
Benzo(a)pyrene	µg/kg	1100	ND (330)	370 J	940	76 J	ND (390)
Benzo(b)fluoranthene	µg/kg	11000	ND (330)	600 J	1500	98 J	ND (390)
Benzo(g,h,i)perylene	µg/kg	1000000	ND (330)	590 J	340 J	ND (360)	ND (390)
Benzo(k)fluoranthene	µg/kg	110000	ND (330)	220 J	410	ND (360)	ND (390)
Benzoic acid	µg/kg	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	ND (360)	ND (350)	ND (360)	ND (390)
bis(2-Chloroethoxy)methane	µg/kg	-	-	ND (360)	ND (350)	ND (360)	ND (390)
bis(2-Chloroethyl)ether	µg/kg	-	-	ND (360)	ND (350)	ND (360)	ND (390)
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	ND (330)	110 J	110 J	150 J	83 J
Butyl benzylphthalate (BBP)	µg/kg	-	-	ND (360)	ND (350)	ND (360)	ND (390)
Caprolactam	µg/kg	-	-	ND (360)	ND (350)	ND (360)	ND (390)
Carbazole	µg/kg	-	-	ND (360)	ND (350)	ND (360)	ND (390)
Chrysene	µg/kg	110000	ND (330)	420	1000	78 J	87 J
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	120 J	120 J	ND (360)	ND (390)
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	ND (330)	80 J	ND (350)	ND (360)	ND (390)
Diethyl phthalate	µg/kg	-	-	ND (360)	ND (350)	ND (360)	ND (390)
Dimethyl phthalate	µg/kg	-	-	ND (360)	ND (350)	ND (360)	ND (390)
Di-n-butylphthalate (DBP)	µg/kg	-	-	ND (360)	ND (350)	ND (360) U	ND (390) U
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	ND (360) UJ	88 J	ND (360)	ND (390)
Fluoranthene	µg/kg	1000000	ND (330)	360	1800	170 J	94 J

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PDW-40*	*SB-1-ROW*	*SB-2-ROW*	*SB-3-ROW*	*SB-4-ROW*
Sample ID:			*PDW40A1*	*SO-34084-102210-RR-001*	*SO-34084-102210-RR-004*	*SO-34084-102210-RR-007*	*SO-34084-102210-RR-010*
Sample Date:			*12/7/1993*	*10/22/2010*	*10/22/2010*	*10/22/2010*	*10/22/2010*
Sample Depth:			*0-2.5 ft BGS*	*0.33-0.5 ft BGS*	*0.33-0.5 ft BGS*	*0-0.167 ft BGS*	*0.33-0.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Fluorene	µg/kg	1000000	ND (330)	ND (360)	85 J	ND (360)	ND (390)
Hexachlorobenzene	µg/kg	12000	-	ND (360)	ND (350)	ND (360)	ND (390)
Hexachlorobutadiene	µg/kg	-	-	ND (360)	ND (350)	ND (360)	ND (390)
Hexachlorocyclopentadiene	µg/kg	-	-	ND (360)	ND (350)	ND (360)	ND (390)
Hexachloroethane	µg/kg	-	-	ND (360)	ND (350)	ND (360)	ND (390)
Indeno(1,2,3-cd)pyrene	µg/kg	11000	ND (330)	370 J	390	ND (360)	ND (390)
Isophorone	µg/kg	-	-	ND (360)	ND (350)	2400	ND (390)
Naphthalene	µg/kg	1000000	ND (330)	230 J	100 J	ND (360)	ND (390)
Nitrobenzene	µg/kg	140000	-	ND (360)	ND (350)	ND (360)	ND (390)
N-Nitrosodi-n-propylamine	µg/kg	-	-	ND (360)	ND (350)	ND (360)	ND (390)
N-Nitrosodiphenylamine	µg/kg	-	-	ND (360)	ND (350)	ND (360)	ND (390)
Pentachlorophenol	µg/kg	55000	-	ND (900)	ND (890)	ND (890)	ND (970)
Phenanthrene	µg/kg	1000000	ND (330)	580	1100	140 J	120 J
Phenol	µg/kg	1000000	-	ND (360)	ND (350)	ND (360)	ND (390)
Pyrene	µg/kg	1000000	ND (330)	500	1800	140 J	140 J
Metals							
Aluminum	µg/kg	-	15200000	5750000 J	4040000 J	6440000 J	3170000 J
Antimony	µg/kg	-	ND (10900)	19700 J	7100 J	1500 J	15700 J
Arsenic	µg/kg	16000	**158000**	**191000**	**22600**	8400	**31200**
Barium	µg/kg	10000000	695000	187000 J	107000 J	87200 J	235000 J
Beryllium	µg/kg	2700000	9000	1200	290	350	300
Cadmium	µg/kg	60000	9200	4700	640	520	180
Calcium	µg/kg	-	11800000	36800000	15000000	47300000	3990000
Chromium	µg/kg	-	293000	32300	29300	16800	8800
Cobalt	µg/kg	-	1310000	54900	36700	6500	79200
Copper	µg/kg	10000000	**14000000**	**17300000**	5740000	283000	2020000
Iron	µg/kg	-	172000000	36400000	42900000	11100000	34700000
Lead	µg/kg	3900000	3270000	1120000 J	809000 J	131000 J	325000 J
Magnesium	µg/kg	-	8130000	5140000	2620000	7570000	434000
Manganese	µg/kg	10000000	3270000	313000 J	255000 J	189000 J	116000 J
Mercury	µg/kg	5700	2300	1200	3330	200	220
Nickel	µg/kg	10000000	484000	118000	32200	16900	34200
Potassium	µg/kg	-	ND (90300)	945000	631000	993000	556000
Selenium	µg/kg	6800000	11500	13100 J	39200 J	ND (910) U	36300 J
Silver	µg/kg	6800000	ND (1700)	15400	17400	1000	5100
Sodium	µg/kg	-	630000	522000	209000	244000	379000
Thallium	µg/kg	-	ND (24000)	1800 J	1200 J	ND (250)	1300 J
Vanadium	µg/kg	-	36900	24000	21800	22500	14200
Zinc	µg/kg	10000000	**28800000**	4810000 J	791000 J	164000 J	912000 J

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PDW-40*	*SB-1-ROW*	*SB-2-ROW*	*SB-3-ROW*	*SB-4-ROW*
Sample ID:			*PDW40A1*	*SO-34084-102210-RR-001*	*SO-34084-102210-RR-004*	*SO-34084-102210-RR-007*	*SO-34084-102210-RR-010*
Sample Date:			*12/7/1993*	*10/22/2010*	*10/22/2010*	*10/22/2010*	*10/22/2010*
Sample Depth:			*0-2.5 ft BGS*	*0.33-0.5 ft BGS*	*0.33-0.5 ft BGS*	*0-0.167 ft BGS*	*0.33-0.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (95)	ND (36)	ND (35)	ND (36)	ND (39)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (95)	ND (73)	ND (72)	ND (72)	ND (79)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (95)	ND (36)	ND (35)	ND (36)	ND (39)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (95)	ND (36)	ND (35)	ND (36)	ND (39)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (95)	ND (36)	ND (35)	ND (36)	ND (39)
Aroclor-1254 (PCB-1254)	µg/kg	-	860	33 J	74	28 J	ND (39)
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (95)	69 J	70	34 J	ND (39)
Total PCBs	µg/kg	-	860	102	144	62	ND
Pesticides							
4,4'-DDD	µg/kg	180000	ND (9.5)	-	-	-	-
4,4'-DDE	µg/kg	120000	ND (9.5)	-	-	-	-
4,4'-DDT	µg/kg	94000	ND (19)	-	-	-	-
Aldrin	µg/kg	1400	ND (7.6)	-	-	-	-
alpha-BHC	µg/kg	6800	ND (4.7)	-	-	-	-
alpha-Chlordane	µg/kg	47000	ND (9.5)	-	-	-	-
beta-BHC	µg/kg	14000	ND (9.5)	-	-	-	-
delta-BHC	µg/kg	1000000	ND (9.5)	-	-	-	-
Dieldrin	µg/kg	2800	ND (9.5)	-	-	-	-
Endosulfan I	µg/kg	920000	ND (9.5)	-	-	-	-
Endosulfan II	µg/kg	920000	ND (9.5)	-	-	-	-
Endosulfan sulfate	µg/kg	920000	ND (19)	-	-	-	-
Endrin	µg/kg	410000	ND (9.5)	-	-	-	-
Endrin aldehyde	µg/kg	-	ND (9.5)	-	-	-	-
Endrin ketone	µg/kg	-	ND (9.5)	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	ND (9.5)	-	-	-	-
gamma-Chlordane	µg/kg	-	ND (9.5)	-	-	-	-
Heptachlor	µg/kg	29000	ND (7.6)	-	-	-	-
Heptachlor epoxide	µg/kg	-	ND (19)	-	-	-	-
Methoxychlor	µg/kg	-	ND (76)	-	-	-	-
Toxaphene	µg/kg	-	ND (47)	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PDW-40*	*SB-1-ROW*	*SB-2-ROW*	*SB-3-ROW*	*SB-4-ROW*
Sample ID:			*PDW40A1*	*SO-34084-102210-RR-001*	*SO-34084-102210-RR-004*	*SO-34084-102210-RR-007*	*SO-34084-102210-RR-010*
Sample Date:			*12/7/1993*	*10/22/2010*	*10/22/2010*	*10/22/2010*	*10/22/2010*
Sample Depth:			*0-2.5 ft BGS*	*0.33-0.5 ft BGS*	*0.33-0.5 ft BGS*	*0-0.167 ft BGS*	*0.33-0.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	ND (1200)	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-
Oil and grease	µg/kg	-	654000	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-
Percent moisture	%	-	-	7.7	6.8	7.2	14.8
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-

Notes:

greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

(Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*SB-5-ROW*	*SB-6-ROW*	*SS1*	*SS2*	*SS3*	*SS3M*	*SS3S*
Sample ID:			*SO-34084-102210-RR-014*	*SO-34084-102210-RR-017*	*SS1-A252*	*SS2-A252*	*SS3-A209A*	*SS3M-A209A*	*SS3S-A209A*
Sample Date:			*10/22/2010*	*10/22/2010*	*10/22/1993*	*11/4/1993*	*10/22/1993*	*10/22/1993*	*10/22/1993*
Sample Depth:			*0.33-0.5 ft BGS*	*0.33-0.5 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							
Volatiles									
1,1,1-Trichloroethane	µg/kg	1000000	ND (11)	ND (11) UJ	ND (11)	ND (12)	ND (11)	ND (12)	ND (12)
1,1,2,2-Tetrachloroethane	µg/kg	-	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (12)	ND (12)
1,1,2-Trichloroethane	µg/kg	-	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (12)	ND (12)
1,1-Dichloroethane	µg/kg	480000	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (12)	ND (12)
1,1-Dichloroethene	µg/kg	1000000	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (12)	ND (12)
1,2,4-Trichlorobenzene	µg/kg	-	ND (11)	ND (11)	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	ND (11)	ND (11)	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	ND (11)	ND (11)	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	ND (11)	ND (11)	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (12)	ND (12)
1,2-Dichloroethene (total)	µg/kg	-	-	-	ND (11)	ND (12)	ND (11)	ND (12)	ND (12)
1,2-Dichloropropane	µg/kg	-	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (12)	ND (12)
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	ND (11)	ND (11)	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	ND (11)	ND (11)	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (12)	ND (12)
2-Hexanone	µg/kg	-	ND (11) UJ	ND (11) UJ	ND (11)	ND (12)	ND (11)	ND (12)	ND (12)
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (12)	ND (12)
Acetone	µg/kg	1000000	51	ND (11)	77	36	29	37	86
Benzene	µg/kg	89000	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (12)	ND (12)
Bromodichloromethane	µg/kg	-	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (12)	ND (12)
Bromoform	µg/kg	-	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (12)	ND (12)
Bromomethane (Methyl bromide)	µg/kg	-	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (12)	ND (12)
Carbon disulfide	µg/kg	-	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (12)	ND (12)
Carbon tetrachloride	µg/kg	44000	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (12)	ND (12)
Chlorobenzene	µg/kg	1000000	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (12)	ND (12)
Chloroethane	µg/kg	-	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (12)	ND (12)
Chloroform (Trichloromethane)	µg/kg	700000	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (12)	ND (12)
Chloromethane (Methyl chloride)	µg/kg	-	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (12)	ND (12)
cis-1,2-Dichloroethene	µg/kg	1000000	ND (11)	ND (11) UJ	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (12)	ND (12)
Cyclohexane	µg/kg	-	ND (11)	ND (11)	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (12)	ND (12)
Dichlorodifluoromethane (CFC-12)	µg/kg	-	ND (11)	ND (11) UJ	-	-	-	-	-
Ethylbenzene	µg/kg	780000	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (12)	ND (12)
Isopropyl benzene	µg/kg	-	ND (11)	ND (11)	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*SB-5-ROW*	*SB-6-ROW*	*SS1*	*SS2*	*SS3*	*SS3M*	*SS3S*
Sample ID:			*SO-34084-102210-RR-014*	*SO-34084-102210-RR-017*	*SS1-A252*	*SS2-A252*	*SS3-A209A*	*SS3M-A209A*	*SS3S-A209A*
Sample Date:			*10/22/2010*	*10/22/2010*	*10/22/1993*	*11/4/1993*	*10/22/1993*	*10/22/1993*	*10/22/1993*
Sample Depth:			*0.33-0.5 ft BGS*	*0.33-0.5 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							
Methyl acetate	µg/kg	-	ND (11)	ND (11)	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	ND (11)	ND (11)	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	ND (11)	ND (11)	-	-	-	-	-
Methylene chloride	µg/kg	1000000	ND (11) U	ND (11) U	ND (11)	11 J	ND (11)	2 J	ND (12)
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-	-
Styrene	µg/kg	-	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (12)	ND (12)
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (12)	5 J
Toluene	µg/kg	1000000	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (12)	ND (12)
trans-1,2-Dichloroethene	µg/kg	1000000	ND (11)	ND (11)	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (12)	ND (12)
Trichloroethene	µg/kg	400000	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (12)	ND (12)
Trichlorofluoromethane (CFC-11)	µg/kg	-	ND (11)	ND (11)	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	ND (11)	ND (11)	-	-	-	-	-
Vinyl chloride	µg/kg	27000	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (12)	ND (12)
Xylenes (total)	µg/kg	1000000	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (12)	ND (12)
Semi-Volatiles									
1,2,4-Trichlorobenzene	µg/kg	-	-	-	ND (370)	ND (380)	ND (380)	ND (380)	ND (380)
1,2-Dichlorobenzene	µg/kg	1000000	-	-	ND (370)	ND (380)	ND (380)	ND (380)	ND (380)
1,3-Dichlorobenzene	µg/kg	560000	-	-	ND (370)	ND (380)	ND (380)	ND (380)	ND (380)
1,4-Dichlorobenzene	µg/kg	250000	-	-	ND (370)	ND (380)	ND (380)	ND (380)	ND (380)
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	ND (370)	ND (350)	ND (370)	ND (380)	ND (380)	ND (380)	ND (380)
2,4,5-Trichlorophenol	µg/kg	-	ND (920)	ND (880)	ND (940)	ND (960)	ND (950)	ND (960)	ND (960)
2,4,6-Trichlorophenol	µg/kg	-	ND (370)	ND (350)	ND (370)	ND (380)	ND (380)	ND (380)	ND (380)
2,4-Dichlorophenol	µg/kg	-	ND (370)	ND (350)	ND (370)	ND (380)	ND (380)	ND (380)	ND (380)
2,4-Dimethylphenol	µg/kg	-	ND (370)	ND (350)	ND (370)	ND (380)	ND (380)	ND (380)	ND (380)
2,4-Dinitrophenol	µg/kg	-	ND (920) UJ	ND (880) UJ	ND (940)	ND (960)	ND (950)	ND (960)	ND (960)
2,4-Dinitrotoluene	µg/kg	-	ND (370)	ND (350)	ND (370)	ND (380)	ND (380)	ND (380)	ND (380)
2,6-Dinitrotoluene	µg/kg	-	ND (370)	ND (350)	ND (370)	ND (380)	ND (380)	ND (380)	ND (380)
2-Chloronaphthalene	µg/kg	-	ND (370)	ND (350)	ND (370)	ND (380)	ND (380)	ND (380)	ND (380)
2-Chlorophenol	µg/kg	-	ND (370)	ND (350)	ND (370)	ND (380)	ND (380)	ND (380)	ND (380)
2-Methylnaphthalene	µg/kg	-	ND (370)	ND (350)	ND (370)	ND (380)	ND (380)	ND (380)	ND (380)
2-Methylphenol	µg/kg	1000000	ND (370)	ND (350)	ND (370)	ND (380)	ND (380)	ND (380)	ND (380)
2-Nitroaniline	µg/kg	-	ND (920)	ND (880)	ND (940)	ND (960)	ND (950)	ND (960)	ND (960)
2-Nitrophenol	µg/kg	-	ND (370)	ND (350)	ND (370)	ND (380)	ND (380)	ND (380)	ND (380)
3&4-Methylphenol	µg/kg	-	-	-	ND (370)	-	ND (380)	ND (380)	ND (380)
3,3'-Dichlorobenzidine	µg/kg	-	ND (370)	ND (350)	ND (370)	ND (380)	ND (380)	ND (380)	ND (380)

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*SB-5-ROW*	*SB-6-ROW*	*SS1*	*SS2*	*SS3*	*SS3M*	*SS3S*
Sample ID:			*SO-34084-102210-RR-014*	*SO-34084-102210-RR-017*	*SS1-A252*	*SS2-A252*	*SS3-A209A*	*SS3M-A209A*	*SS3S-A209A*
Sample Date:			*10/22/2010*	*10/22/2010*	*10/22/1993*	*11/4/1993*	*10/22/1993*	*10/22/1993*	*10/22/1993*
Sample Depth:			*0.33-0.5 ft BGS*	*0.33-0.5 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							
3-Nitroaniline	µg/kg	-	ND (920)	ND (880)	ND (940)	ND (960)	ND (950)	ND (960)	ND (960)
4,6-Dinitro-2-methylphenol	µg/kg	-	ND (920) UJ	ND (880) UJ	ND (940)	ND (960)	ND (950)	ND (960)	ND (960)
4-Bromophenyl phenyl ether	µg/kg	-	ND (370)	ND (350)	ND (370)	ND (380)	ND (380)	ND (380)	ND (380)
4-Chloro-3-methylphenol	µg/kg	-	ND (370)	ND (350)	ND (370)	ND (380)	ND (380)	ND (380)	ND (380)
4-Chloroaniline	µg/kg	-	ND (370)	ND (350)	ND (370)	ND (380)	ND (380)	ND (380)	ND (380)
4-Chlorophenyl phenyl ether	µg/kg	-	ND (370)	ND (350)	ND (370)	ND (380)	ND (380)	ND (380)	ND (380)
4-Methylphenol	µg/kg	1000000	ND (370) UJ	ND (350) UJ	-	ND (380)	-	-	-
4-Nitroaniline	µg/kg	-	ND (920)	ND (880)	ND (940)	ND (960)	ND (950)	ND (960)	ND (960)
4-Nitrophenol	µg/kg	-	ND (920)	ND (880)	ND (940)	ND (960)	ND (950)	ND (960)	ND (960)
Acenaphthene	µg/kg	1000000	ND (370)	ND (350)	73 J	ND (380)	ND (380)	ND (380)	ND (380)
Acenaphthylene	µg/kg	1000000	ND (370)	ND (350)	ND (370)	ND (380)	93 J	67 J	ND (380)
Acetophenone	µg/kg	-	74 J	72 J	-	-	-	-	-
Anthracene	µg/kg	1000000	100 J	ND (350)	230 J	ND (380)	120 J	83 J	54 J
Atrazine	µg/kg	-	ND (370)	ND (350)	-	-	-	-	-
Benzaldehyde	µg/kg	-	ND (370)	ND (350)	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	330 J	ND (350)	640	110 J	610	390	290 J
Benzo(a)pyrene	µg/kg	1100	340 J	ND (350)	530	98 J	480	380	250 J
Benzo(b)fluoranthene	µg/kg	11000	500	94 J	720	130 J	680	510	340 J
Benzo(g,h,i)perylene	µg/kg	1000000	210 J	ND (350)	470 J	140 J	460	340 J	250 J
Benzo(k)fluoranthene	µg/kg	110000	190 J	ND (350)	450	110 J	420	260 J	210 J
Benzoic acid	µg/kg	-	-	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	ND (370)	ND (350)	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	ND (370)	ND (350)	ND (370)	ND (380)	ND (380)	ND (380)	ND (380)
bis(2-Chloroethyl)ether	µg/kg	-	ND (370)	ND (350)	ND (370)	ND (380)	ND (380)	ND (380)	ND (380)
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	130 J	ND (350)	290 J	ND (380)	69 J	180 J	68 J
Butyl benzylphthalate (BBP)	µg/kg	-	ND (370)	ND (350)	ND (370)	ND (380)	ND (380)	ND (380)	ND (380)
Caprolactam	µg/kg	-	ND (370)	ND (350)	-	-	-	-	-
Carbazole	µg/kg	-	ND (370)	ND (350)	140 J	ND (380)	ND (380)	ND (380)	ND (380)
Chrysene	µg/kg	110000	420	87 J	720	130 J	680	480	340 J
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	ND (370)	ND (350)	160 J	ND (380)	140 J	110 J	57 J
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	ND (370)	ND (350)	72 J	ND (380)	ND (380)	ND (380)	ND (380)
Diethyl phthalate	µg/kg	-	ND (370)	ND (350)	ND (370)	ND (380)	ND (380)	ND (380)	ND (380)
Dimethyl phthalate	µg/kg	-	ND (370)	ND (350)	ND (370)	ND (380)	ND (380)	ND (380)	ND (380)
Di-n-butylphthalate (DBP)	µg/kg	-	ND (370) U	ND (350) U	ND (370)	130 J	ND (380)	ND (380)	ND (380)
Di-n-octyl phthalate (DnOP)	µg/kg	-	ND (370)	ND (350)	ND (370)	ND (380)	ND (380)	ND (380)	ND (380)
Fluoranthene	µg/kg	1000000	740	91 J	1500	190 J	1200	840	590

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*SB-5-ROW*	*SB-6-ROW*	*SS1*	*SS2*	*SS3*	*SS3M*	*SS3S*
Sample ID:			*SO-34084-102210-RR-014*	*SO-34084-102210-RR-017*	*SS1-A252*	*SS2-A252*	*SS3-A209A*	*SS3M-A209A*	*SS3S-A209A*
Sample Date:			*10/22/2010*	*10/22/2010*	*10/22/1993*	*11/4/1993*	*10/22/1993*	*10/22/1993*	*10/22/1993*
Sample Depth:			*0.33-0.5 ft BGS*	*0.33-0.5 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							
Fluorene	µg/kg	1000000	ND (370)	ND (350)	56 J	ND (380)	ND (380)	ND (380)	ND (380)
Hexachlorobenzene	µg/kg	12000	ND (370)	ND (350)	ND (370)	ND (380)	ND (380)	ND (380)	ND (380)
Hexachlorobutadiene	µg/kg	-	ND (370)	ND (350)	ND (370)	ND (380)	ND (380)	ND (380)	ND (380)
Hexachlorocyclopentadiene	µg/kg	-	ND (370)	ND (350)	ND (370)	ND (380)	ND (380)	ND (380)	ND (380)
Hexachloroethane	µg/kg	-	ND (370)	ND (350)	ND (370)	ND (380)	ND (380)	ND (380)	ND (380)
Indeno(1,2,3-cd)pyrene	µg/kg	11000	210 J	ND (350)	500	120 J	520	380	260 J
Isophorone	µg/kg	-	ND (370)	ND (350)	ND (370)	ND (380)	ND (380)	ND (380)	ND (380)
Naphthalene	µg/kg	1000000	ND (370)	ND (350)	ND (370)	ND (380)	ND (380)	ND (380)	ND (380)
Nitrobenzene	µg/kg	140000	ND (370)	ND (350)	ND (370)	ND (380)	ND (380)	ND (380)	ND (380)
N-Nitrosodi-n-propylamine	µg/kg	-	ND (370)	ND (350)	ND (370)	ND (380)	ND (380)	ND (380)	ND (380)
N-Nitrosodiphenylamine	µg/kg	-	ND (370)	ND (350)	ND (370)	ND (380)	ND (380)	ND (380)	ND (380)
Pentachlorophenol	µg/kg	55000	ND (920)	ND (880)	ND (940)	ND (960)	ND (950)	ND (960)	ND (960)
Phenanthrene	µg/kg	1000000	540	92 J	1300	110 J	480	340 J	250 J
Phenol	µg/kg	1000000	ND (370)	ND (350)	ND (370)	ND (380)	ND (380)	ND (380)	ND (380)
Pyrene	µg/kg	1000000	620	91 J	1300	210 J	960	660	490
Metals									
Aluminum	µg/kg	-	5570000 J	5130000 J	R	6110000	6310000	5920000	6120000
Antimony	µg/kg	-	27400 J	4100 J	17000 N	21000	17700 NJ	20900 N	17200 N
Arsenic	µg/kg	16000	**40100**	8700	**31800**	**16800 SN**	**55300**	**46300**	**50700**
Barium	µg/kg	10000000	195000 J	51200 J	100000 EN	81400 N	125000	96300	106000
Beryllium	µg/kg	2700000	450	300	1400	420 BN	240 B	240 B	290 B
Cadmium	µg/kg	60000	ND (22)	520	6900 N	1600 N	2400	2700	2200 J
Calcium	µg/kg	-	27700000	2140000	47400000 E	56600000	50200000	44400000	47100000
Chromium	µg/kg	-	33500	13500	56300 N	22100	163000 NJ	235000 N	125000 N
Cobalt	µg/kg	-	189000	16500	126000 E	21900 N	18600 E	37300 E	42900 E
Copper	µg/kg	10000000	3600000	1250000	**21900000 E**	**16400000**	**21200000**	**75100000**	**59500000**
Iron	µg/kg	-	61100000	14700000	21100000 E	14000000	39200000 E	61300000 E	57800000 E
Lead	µg/kg	3900000	556000 J	72500 J	617000	298000 N	281000 E	255000 E	231000 E
Magnesium	µg/kg	-	2440000	2560000	16900000 E	7370000	13000000	11200000	12800000
Manganese	µg/kg	10000000	282000 J	346000 J	190000 E	166000 N	362000 E	413000 E	454000 E
Mercury	µg/kg	5700	540	270	660	300	3300	4700	3000
Nickel	µg/kg	10000000	76800	29500	43100	29300 N	69100 E	79400 E	67900 E
Potassium	µg/kg	-	1080000	790000	1150000	1490000	1110000	1300000	1470000
Selenium	µg/kg	6800000	3600 J	2400 J	3700 S	ND (9300)	15400 J	13300 S	16700
Silver	µg/kg	6800000	6500	3400	17700 N	6600 N	28100 E	23500 E	24400 E
Sodium	µg/kg	-	460000	100000	563000 B	955000 BE	803000	827000	911000
Thallium	µg/kg	-	3600 J	350 J	330 B	ND (230)	200 B	170 B	ND (110)
Vanadium	µg/kg	-	19700	20000	15200	11500	41700	36600	40400
Zinc	µg/kg	10000000	2300000 J	358000 J	1050000	301000 N	541000 E	388000 E	460000 E

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*SB-5-ROW*	*SB-6-ROW*	*SS1*	*SS2*	*SS3*	*SS3M*	*SS3S*
Sample ID:			*SO-34084-102210-RR-014*	*SO-34084-102210-RR-017*	*SS1-A252*	*SS2-A252*	*SS3-A209A*	*SS3M-A209A*	*SS3S-A209A*
Sample Date:			*10/22/2010*	*10/22/2010*	*10/22/1993*	*11/4/1993*	*10/22/1993*	*10/22/1993*	*10/22/1993*
Sample Depth:			*0.33-0.5 ft BGS*	*0.33-0.5 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							
PCBs									
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (37)	ND (35)	ND (19)	ND (380)	ND (19)	ND (19)	ND (19)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (74)	ND (71)	ND (19)	ND (380)	ND (19)	ND (19)	ND (19)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (37)	ND (35)	ND (19)	ND (380)	ND (19)	ND (19)	ND (19)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (37)	ND (35)	ND (19)	ND (380)	ND (19)	ND (19)	ND (19)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (37)	ND (35)	ND (19)	ND (380)	ND (19)	ND (19)	ND (19)
Aroclor-1254 (PCB-1254)	µg/kg	-	15 J	ND (35)	ND (19)	3400	ND (19)	ND (19)	ND (19)
Aroclor-1260 (PCB-1260)	µg/kg	-	34 J	ND (35)	ND (19)	2900	ND (19)	ND (19)	ND (19)
Total PCBs	µg/kg	-	49	ND	ND	6300	ND	ND	ND
Pesticides									
4,4'-DDD	µg/kg	180000	-	-	ND (1.9)	ND (38)	ND (1.9)	ND (1.9)	ND (1.9)
4,4'-DDE	µg/kg	120000	-	-	ND (1.9)	ND (38)	ND (1.9)	ND (1.9)	ND (1.9)
4,4'-DDT	µg/kg	94000	-	-	ND (3.7)	ND (77)	ND (3.8)	ND (3.8)	ND (3.8)
Aldrin	µg/kg	1400	-	-	ND (1.5)	ND (18)	ND (1.5)	ND (1.5)	ND (1.5)
alpha-BHC	µg/kg	6800	-	-	ND (0.94)	ND (19)	ND (0.95)	ND (0.96)	ND (0.96)
alpha-Chlordane	µg/kg	47000	-	-	ND (1.9)	ND (38)	ND (1.9)	ND (1.9)	ND (1.9)
beta-BHC	µg/kg	14000	-	-	ND (1.9)	ND (38)	ND (1.9)	ND (1.9)	ND (1.9)
delta-BHC	µg/kg	1000000	-	-	ND (1.9)	ND (38)	ND (1.9)	ND (1.9)	ND (1.9)
Dieldrin	µg/kg	2800	-	-	ND (1.9)	ND (38)	ND (1.9)	ND (1.9)	ND (1.9)
Endosulfan I	µg/kg	920000	-	-	ND (1.9)	ND (38)	ND (1.9)	ND (1.9)	ND (1.9)
Endosulfan II	µg/kg	920000	-	-	ND (1.9)	ND (38)	ND (1.9)	ND (1.9)	ND (1.9)
Endosulfan sulfate	µg/kg	920000	-	-	ND (3.7)	ND (77)	ND (3.8)	ND (3.8)	ND (3.8)
Endrin	µg/kg	410000	-	-	ND (1.9)	ND (38)	ND (1.9)	ND (1.9)	ND (1.9)
Endrin aldehyde	µg/kg	-	-	-	ND (1.9)	ND (38)	ND (1.9)	ND (1.9)	ND (1.9)
Endrin ketone	µg/kg	-	-	-	ND (1.9)	ND (38)	ND (1.9)	ND (1.9)	ND (1.9)
gamma-BHC (lindane)	µg/kg	23000	-	-	ND (1.9)	ND (38)	ND (1.9)	ND (1.9)	ND (1.9)
gamma-Chlordane	µg/kg	-	-	-	ND (1.9)	ND (38)	ND (1.9)	ND (1.9)	ND (1.9)
Heptachlor	µg/kg	29000	-	-	ND (1.5)	R	ND (1.5)	ND (1.5)	ND (1.5)
Heptachlor epoxide	µg/kg	-	-	-	ND (3.7)	ND (77)	ND (3.8)	ND (3.8)	ND (3.8)
Methoxychlor	µg/kg	-	-	-	ND (15)	ND (310)	ND (15)	ND (15)	ND (15)
Toxaphene	µg/kg	-	-	-	ND (9.4)	ND (190)	ND (9.5)	ND (9.6)	ND (9.6)
Petroleum Hydrocarbons									
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*SB-5-ROW*	*SB-6-ROW*	*SS1*	*SS2*	*SS3*	*SS3M*	*SS3S*
Sample ID:			*SO-34084-102210-RR-014*	*SO-34084-102210-RR-017*	*SS1-A252*	*SS2-A252*	*SS3-A209A*	*SS3M-A209A*	*SS3S-A209A*
Sample Date:			*10/22/2010*	*10/22/2010*	*10/22/1993*	*11/4/1993*	*10/22/1993*	*10/22/1993*	*10/22/1993*
Sample Depth:			*0.33-0.5 ft BGS*	*0.33-0.5 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							
General Chemistry									
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	ND (1100)	ND (1100)	ND (1100)	ND (1100)	ND (1100)
Nitrogen	µg/kg	-	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	ND (1100000)	ND (1100000)	ND (1100000)	ND (1100000)	1100000
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-	-
Percent moisture	%	-	10	5.9	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	120000	230000	61000	56000	82000
Total solids	%	-	-	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-	-	-

Notes:

greater than the Instrument Detection Limits.
D - Compounds at secondary dilution factor.
(Inorganics).
E - Exceed calibration range of GC/MS instrument (Organics).
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
R - Rejected.
S - Value determined by the method of standard Addition.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
X - Result may have been masked by the positive detection of another Aroclor.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*SS4*	*SS5*	*SS5D*	*SS5M*	*SS5S*	*SS6*	*SS6D*	*SS7*	*SS8*
Sample ID:			*SS4-A209C*	*SS5-A209*	*SS5D-A209*	*SS5M-A209*	*SS5S-A209*	*SS6-A161*	*SS6D-A161*	*SS7-A161*	*SS8-A39*
Sample Date:			*11/5/1993*	*11/5/1993*	*11/5/1993*	*11/5/1993*	*11/5/1993*	*10/21/1993*	*10/21/1993*	*10/22/1993*	*10/20/1993*
Sample Depth:			*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*									
Volatiles											
1,1,1-Trichloroethane	µg/kg	1000000	ND (11)	ND (12)	ND (14)	ND (14)	ND (15)	ND (11)	ND (11)	ND (11)	ND (13)
1,1,2,2-Tetrachloroethane	µg/kg	-	ND (11)	ND (12)	ND (14)	ND (14)	ND (15)	ND (11)	ND (11)	ND (11)	ND (13)
1,1,2-Trichloroethane	µg/kg	-	ND (11)	ND (12)	ND (14)	ND (14)	ND (15)	ND (11)	ND (11)	ND (11)	ND (13)
1,1-Dichloroethane	µg/kg	480000	ND (11)	ND (12)	ND (14)	ND (14)	ND (15)	ND (11)	ND (11)	ND (11)	ND (13)
1,1-Dichloroethene	µg/kg	1000000	ND (11)	ND (12)	ND (14)	ND (14)	ND (15)	ND (11)	ND (11)	ND (11)	ND (13)
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	ND (11)	ND (12)	ND (14)	ND (14)	ND (15)	ND (11)	ND (11)	ND (11)	ND (13)
1,2-Dichloroethene (total)	µg/kg	-	ND (11)	ND (12)	ND (14)	ND (14)	ND (15)	ND (11)	ND (11)	ND (11)	ND (13)
1,2-Dichloropropane	µg/kg	-	ND (11)	ND (12)	ND (14)	ND (14)	ND (15)	ND (11)	ND (11)	ND (11)	ND (13)
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	ND (11)	ND (12)	ND (14)	ND (14)	ND (15)	ND (11)	ND (11)	ND (11)	ND (13)
2-Hexanone	µg/kg	-	ND (11)	ND (12)	ND (14)	ND (14)	ND (15)	ND (11)	ND (11)	ND (11)	ND (13)
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	ND (11)	ND (12)	ND (14)	ND (14)	ND (15)	ND (11)	ND (11)	ND (11)	ND (13)
Acetone	µg/kg	1000000	29	ND (12)	ND (50)	ND (51)	ND (15)	30	37	81	66
Benzene	µg/kg	89000	ND (11)	ND (12)	ND (14)	ND (14)	ND (15)	3 J	ND (11)	ND (11)	ND (13)
Bromodichloromethane	µg/kg	-	ND (11)	ND (12)	ND (14)	ND (14)	ND (15)	ND (11)	ND (11)	ND (11)	ND (13)
Bromoform	µg/kg	-	ND (11)	ND (12)	ND (14)	ND (14)	ND (15)	ND (11)	ND (11)	ND (11)	ND (13)
Bromomethane (Methyl bromide)	µg/kg	-	ND (11)	ND (12)	ND (14)	ND (14)	ND (15)	ND (11)	ND (11)	ND (11)	ND (13)
Carbon disulfide	µg/kg	-	ND (11)	ND (12)	ND (14)	ND (14)	ND (15)	ND (11)	ND (11)	ND (11)	ND (13)
Carbon tetrachloride	µg/kg	44000	ND (11)	ND (12)	ND (14)	ND (14)	ND (15)	ND (11)	ND (11)	ND (11)	ND (13)
Chlorobenzene	µg/kg	1000000	ND (11)	ND (12)	ND (14)	ND (14)	ND (15)	3 J	ND (11)	ND (11)	ND (13)
Chloroethane	µg/kg	-	ND (11)	ND (12)	ND (14)	ND (14)	ND (15)	ND (11)	ND (11)	ND (11)	ND (13)
Chloroform (Trichloromethane)	µg/kg	700000	ND (11)	ND (12)	ND (14)	ND (14)	ND (15)	ND (11)	ND (11)	ND (11)	ND (13)
Chloromethane (Methyl chloride)	µg/kg	-	ND (11)	ND (12)	ND (14)	ND (14)	ND (15)	ND (11)	ND (11)	ND (11)	ND (13)
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	ND (11)	ND (12)	ND (14)	ND (14)	ND (15)	ND (11)	ND (11)	ND (11)	ND (13)
Cyclohexane	µg/kg	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	ND (11)	ND (12)	ND (14)	ND (14)	ND (15)	ND (11)	ND (11)	ND (11)	ND (13)
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	ND (11)	ND (12)	ND (14)	ND (14)	ND (15)	ND (11)	ND (11)	ND (11)	ND (13)
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*SS4*	*SS5*	*SS5D*	*SS5M*	*SS5S*	*SS6*	*SS6D*	*SS7*	*SS8*
Sample ID:			*SS4-A209C*	*SS5-A209*	*SS5D-A209*	*SS5M-A209*	*SS5S-A209*	*SS6-A161*	*SS6D-A161*	*SS7-A161*	*SS8-A39*
Sample Date:			*11/5/1993*	*11/5/1993*	*11/5/1993*	*11/5/1993*	*11/5/1993*	*10/21/1993*	*10/21/1993*	*10/22/1993*	*10/20/1993*
Sample Depth:			*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*									
Methyl acetate	µg/kg	-	-	-	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	13	ND (12)	ND (21)	ND (21)	ND (18)	ND (11)	1 J	ND (11)	ND (13)
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-	-	-	-
Styrene	µg/kg	-	ND (11)	ND (12)	ND (14)	ND (14)	ND (15)	ND (11)	ND (11)	ND (11)	ND (13)
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	ND (11)	ND (12)	ND (14)	ND (14)	ND (15)	ND (11)	ND (11)	ND (11)	ND (13)
Toluene	µg/kg	1000000	ND (11)	ND (12)	ND (14)	ND (14)	ND (15)	ND (11)	ND (11)	ND (11)	ND (13)
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	ND (11)	ND (12)	ND (14)	ND (14)	ND (15)	ND (11)	ND (11)	ND (11)	ND (13)
Trichloroethene	µg/kg	400000	ND (11)	ND (12)	ND (14)	ND (14)	ND (15)	3 J	ND (11)	ND (11)	ND (13)
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	ND (11)	ND (12)	ND (14)	ND (14)	ND (15)	ND (11)	ND (11)	ND (11)	ND (13)
Xylenes (total)	µg/kg	1000000	ND (11)	ND (12)	ND (14)	ND (14)	ND (15)	ND (11)	ND (11)	ND (11)	ND (13)
Semi-Volatiles											
1,2,4-Trichlorobenzene	µg/kg	-	ND (380)	ND (390)	ND (470)	ND (470)	ND (480)	ND (370)	ND (350)	ND (370)	ND (440)
1,2-Dichlorobenzene	µg/kg	1000000	ND (380)	ND (390)	ND (470)	ND (470)	ND (480)	ND (370)	ND (350)	ND (370)	ND (440)
1,3-Dichlorobenzene	µg/kg	560000	ND (380)	ND (390)	ND (470)	ND (470)	ND (480)	ND (370)	ND (350)	ND (370)	ND (440)
1,4-Dichlorobenzene	µg/kg	250000	ND (380)	ND (390)	ND (470)	ND (470)	ND (480)	ND (370)	ND (350)	ND (370)	ND (440)
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	ND (380)	ND (390)	ND (470)	ND (470)	ND (480)	ND (370)	ND (350)	ND (370)	ND (440)
2,4,5-Trichlorophenol	µg/kg	-	ND (950)	ND (970)	ND (1200)	ND (1200)	ND (1200)	ND (930)	ND (890)	ND (930)	ND (1100)
2,4,6-Trichlorophenol	µg/kg	-	ND (380)	ND (390)	ND (470)	ND (470)	ND (480)	ND (370)	ND (350)	ND (370)	ND (440)
2,4-Dichlorophenol	µg/kg	-	ND (380)	ND (390)	ND (470)	ND (470)	ND (480)	ND (370)	ND (350)	ND (370)	ND (440)
2,4-Dimethylphenol	µg/kg	-	ND (380)	ND (390)	ND (470)	ND (470)	ND (480)	ND (370)	ND (350)	ND (370)	ND (440)
2,4-Dinitrophenol	µg/kg	-	ND (950)	ND (970)	ND (1200)	ND (1200)	ND (1200)	ND (930)	ND (890)	ND (930)	ND (1100)
2,4-Dinitrotoluene	µg/kg	-	ND (380)	ND (390)	ND (470)	ND (470)	ND (480)	ND (370)	ND (350)	ND (370)	ND (440)
2,6-Dinitrotoluene	µg/kg	-	ND (380)	ND (390)	ND (470)	ND (470)	ND (480)	ND (370)	ND (350)	ND (370)	ND (440)
2-Chloronaphthalene	µg/kg	-	ND (380)	ND (390)	ND (470)	ND (470)	ND (480)	ND (370)	ND (350)	ND (370)	ND (440)
2-Chlorophenol	µg/kg	-	ND (380)	ND (390)	ND (470)	ND (470)	ND (480)	ND (370)	ND (350)	ND (370)	ND (440)
2-Methylnaphthalene	µg/kg	-	ND (380)	ND (390)	ND (470)	ND (470)	ND (480)	ND (370)	ND (350)	1200	ND (440)
2-Methylphenol	µg/kg	1000000	ND (380)	ND (390)	ND (470)	ND (470)	ND (480)	ND (370)	ND (350)	ND (370)	ND (440)
2-Nitroaniline	µg/kg	-	ND (950)	ND (970)	ND (1200)	ND (1200)	ND (1200)	ND (930)	ND (890)	ND (930)	ND (1100)
2-Nitrophenol	µg/kg	-	ND (380)	ND (390)	ND (470)	ND (470)	ND (480)	ND (370)	ND (350)	ND (370)	ND (440)
3&4-Methylphenol	µg/kg	-	-	-	-	-	-	ND (370)	ND (350)	ND (370)	-
3,3'-Dichlorobenzidine	µg/kg	-	ND (380)	ND (390)	ND (470)	ND (470)	ND (480)	ND (370)	ND (350)	ND (370)	ND (440)

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*SS4*	*SS5*	*SS5D*	*SS5M*	*SS5S*	*SS6*	*SS6D*	*SS7*	*SS8*
Sample ID:			*SS4-A209C*	*SS5-A209*	*SS5D-A209*	*SS5M-A209*	*SS5S-A209*	*SS6-A161*	*SS6D-A161*	*SS7-A161*	*SS8-A39*
Sample Date:			*11/5/1993*	*11/5/1993*	*11/5/1993*	*11/5/1993*	*11/5/1993*	*10/21/1993*	*10/21/1993*	*10/22/1993*	*10/20/1993*
Sample Depth:			*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*									
3-Nitroaniline	µg/kg	-	ND (950)	ND (970)	ND (1200)	ND (1200)	ND (1200)	ND (930)	ND (890)	ND (930)	ND (1100)
4,6-Dinitro-2-methylphenol	µg/kg	-	ND (950)	ND (970)	ND (1200)	ND (1200)	ND (1200)	ND (930)	ND (890)	ND (930)	ND (1100)
4-Bromophenyl phenyl ether	µg/kg	-	ND (380)	ND (390)	ND (470)	ND (470)	ND (480)	ND (370)	ND (350)	ND (370)	ND (440)
4-Chloro-3-methylphenol	µg/kg	-	ND (380)	ND (390)	ND (470)	ND (470)	ND (480)	ND (370)	ND (350)	ND (370)	ND (440)
4-Chloroaniline	µg/kg	-	ND (380)	ND (390)	ND (470)	ND (470)	ND (480)	ND (370)	ND (350)	ND (370)	ND (440)
4-Chlorophenyl phenyl ether	µg/kg	-	ND (380)	ND (390)	ND (470)	ND (470)	ND (480)	ND (370)	ND (350)	ND (370)	ND (440)
4-Methylphenol	µg/kg	1000000	ND (380)	ND (390)	ND (470)	ND (470)	ND (480)	-	-	-	ND (440)
4-Nitroaniline	µg/kg	-	ND (950)	ND (970)	ND (1200)	ND (1200)	ND (1200)	ND (930)	ND (890)	ND (930)	ND (1100)
4-Nitrophenol	µg/kg	-	ND (950)	ND (970)	ND (1200)	ND (1200)	ND (1200)	ND (930)	ND (890)	ND (930)	ND (1100)
Acenaphthene	µg/kg	1000000	ND (380)	ND (390)	ND (470)	ND (470)	ND (480)	ND (370)	ND (350)	2400	ND (440)
Acenaphthylene	µg/kg	1000000	ND (380)	ND (390)	ND (470)	ND (470)	ND (480)	ND (370)	ND (350)	100 J	ND (440)
Acetophenone	µg/kg	-	-	-	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	79 J	ND (390)	ND (470)	ND (470)	51 J	ND (370)	ND (350)	5000	73 J
Atrazine	µg/kg	-	-	-	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	330 J	64 J	ND (470)	75 J	120 J	48 J	40 J	6500	480
Benzo(a)pyrene	µg/kg	1100	280 J	47 J	54 J	77 J	79 J	100 J	92 J	**3900**	430 J
Benzo(b)fluoranthene	µg/kg	11000	350 J	65 J	54 J	99 J	99 J	120 J	130 J	4600	600
Benzo(g,h,i)perylene	µg/kg	1000000	280 J	49 J	ND (470)	67 J	ND (480)	120 J	130 J	3000	450
Benzo(k)fluoranthene	µg/kg	110000	320 J	71 J	65 J	81 J	80 J	110 J	100 J	2200	420 J
Benzoic acid	µg/kg	-	-	-	-	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	ND (380)	ND (390)	ND (470)	ND (470)	ND (480)	ND (370)	ND (350)	ND (370)	ND (440)
bis(2-Chloroethyl)ether	µg/kg	-	ND (380)	ND (390)	ND (470)	ND (470)	ND (480)	ND (370)	ND (350)	ND (370)	ND (440)
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	270 J	74 J	ND (470)	62	ND (480)	140 J	220 J	76 J	390 J
Butyl benzylphthalate (BBP)	µg/kg	-	ND (380)	ND (390)	ND (470)	ND (470)	ND (480)	ND (370)	ND (350)	ND (370)	110 J
Caprolactam	µg/kg	-	-	-	-	-	-	-	-	-	-
Carbazole	µg/kg	-	52 J	ND (390)	ND (470)	ND (470)	ND (480)	ND (370)	ND (350)	2700	ND (440)
Chrysene	µg/kg	110000	410	87 J	ND (470)	92 J	130 J	140 J	160 J	5600	660
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	63 J	ND (390)	ND (470)	ND (470)	ND (480)	ND (370)	ND (350)	**1200**	220 J
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	ND (380)	ND (390)	ND (470)	ND (470)	ND (480)	ND (370)	ND (350)	2300	ND (440)
Diethyl phthalate	µg/kg	-	ND (380)	ND (390)	ND (470)	ND (470)	ND (480)	ND (370)	ND (350)	ND (370)	ND (440)
Dimethyl phthalate	µg/kg	-	ND (380)	ND (390)	ND (470)	ND (470)	ND (480)	ND (370)	ND (350)	ND (370)	ND (440)
Di-n-butylphthalate (DBP)	µg/kg	-	ND (380)	110 J	150 J	180 J	65 J	ND (370)	ND (350)	ND (370)	65 J
Di-n-octyl phthalate (DnOP)	µg/kg	-	ND (380)	ND (390)	ND (470)	ND (470)	ND (480)	ND (370)	ND (350)	ND (370)	ND (440)
Fluoranthene	µg/kg	1000000	650	150 J	130 J	170 J	310 J	140 J	130 J	18000	800

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
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Sample Location:			*SS4*	*SS5*	*SS5D*	*SS5M*	*SS5S*	*SS6*	*SS6D*	*SS7*	*SS8*
Sample ID:			*SS4-A209C*	*SS5-A209*	*SS5D-A209*	*SS5M-A209*	*SS5S-A209*	*SS6-A161*	*SS6D-A161*	*SS7-A161*	*SS8-A39*
Sample Date:			*11/5/1993*	*11/5/1993*	*11/5/1993*	*11/5/1993*	*11/5/1993*	*10/21/1993*	*10/21/1993*	*10/22/1993*	*10/20/1993*
Sample Depth:			*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*									
Fluorene	µg/kg	1000000	ND (380)	ND (390)	ND (470)	ND (470)	ND (480)	ND (370)	ND (350)	2200	ND (440)
Hexachlorobenzene	µg/kg	12000	ND (380)	ND (390)	ND (470)	ND (470)	ND (480)	ND (370)	ND (350)	ND (370)	ND (440)
Hexachlorobutadiene	µg/kg	-	ND (380)	ND (390)	ND (470)	ND (470)	ND (480)	ND (370)	ND (350)	ND (370)	ND (440)
Hexachlorocyclopentadiene	µg/kg	-	ND (380)	ND (390)	ND (470)	ND (470)	ND (480)	ND (370)	ND (350)	ND (370)	ND (440)
Hexachloroethane	µg/kg	-	ND (380)	ND (390)	ND (470)	ND (470)	ND (480)	ND (370)	ND (350)	ND (370)	ND (440)
Indeno(1,2,3-cd)pyrene	µg/kg	11000	270 J	49 J	ND (470)	68 J	ND (480)	170 J	160 J	3400	480
Isophorone	µg/kg	-	ND (380)	ND (390)	ND (470)	ND (470)	ND (480)	ND (370)	ND (350)	ND (370)	ND (440)
Naphthalene	µg/kg	1000000	ND (380)	ND (390)	ND (470)	ND (470)	ND (480)	ND (370)	ND (350)	3900	ND (440)
Nitrobenzene	µg/kg	140000	ND (380)	ND (390)	ND (470)	ND (470)	ND (480)	ND (370)	ND (350)	ND (370)	ND (440)
N-Nitrosodi-n-propylamine	µg/kg	-	ND (380)	ND (390)	ND (470)	ND (470)	ND (480)	ND (370)	ND (350)	ND (370)	ND (440)
N-Nitrosodiphenylamine	µg/kg	-	ND (380)	ND (390)	ND (470)	ND (470)	ND (480)	ND (370)	ND (350)	ND (370)	ND (440)
Pentachlorophenol	µg/kg	55000	ND (950)	ND (970)	ND (1200)	ND (1200)	ND (1200)	ND (930)	ND (890)	ND (930)	ND (1100)
Phenanthrene	µg/kg	1000000	370 J	88 J	110 J	99 J	250 J	64 J	71 J	25000	410 J
Phenol	µg/kg	1000000	ND (380)	ND (390)	ND (470)	ND (470)	ND (480)	ND (370)	ND (350)	ND (370)	ND (440)
Pyrene	µg/kg	1000000	600	130 J	110 J	130 J	240 J	160 J	150 J	17000	750
Metals											
Aluminum	µg/kg	-	4600000	2750000	3050000	2690000	3020000	3760000	4450000	5000000 E	16400000
Antimony	µg/kg	-	ND (3400)	7900 B	4300 B	9300 B	5000 B	18600 N	7900 N	17400 N	18000
Arsenic	µg/kg	16000	6300 SN	6700 SN	7300 SN	8500 SN	6900 SN	**20800**	**26400**	**96400**	**37700**
Barium	µg/kg	10000000	63600 N	40300 BN	94300 N	66500 N	87300 N	501000	677000	192000 EN	509000 ENJ
Beryllium	µg/kg	2700000	340 BN	ND (223) UN	ND (280) UN	ND (280) UN	ND (290) UN	200 B	230 B	270 B	10100
Cadmium	µg/kg	60000	1300 N	7900 N	4100 N	4800 N	4400 N	2700	3800	4900 N	2100
Calcium	µg/kg	-	52100000	47200000	138000000	110000000	128000000	18000000	19400000	21500000 E	21900000
Chromium	µg/kg	-	36300	373000	207000	326000	292000	15200 N	14000 N	8900 N	192000 EJ
Cobalt	µg/kg	-	67200 N	17100 N	10000 BN	60000 BN	10100 BN	390000 E	423000 E	287000 E	283000 EJ
Copper	µg/kg	10000000	5740000	**20300000**	7280000	**65600000**	**14600000**	4100000	6020000	**12900000 E**	**10800000**
Iron	µg/kg	-	11200000	20700000	23900000	29000000	33000000	106000000 E	103000000 E	19200000 E	99800000 E
Lead	µg/kg	3900000	39400 N	140000 N	142000 N	113000 N	140000 N	548000 E	615000 E	681000	1770000 EJ
Magnesium	µg/kg	-	7220000	67700000	39600000	47700000	50800000	1810000	1870000	2620000 E	4390000
Manganese	µg/kg	10000000	128000 N	218000 N	239000 N	233000 N	262000 N	287000 E	295000 E	311000 E	628000 EJ
Mercury	µg/kg	5700	400	200	123	270	250	ND (120)	ND (120)	310	ND (150)
Nickel	µg/kg	10000000	19500 N	33100 N	28100 N	30200 N	42500 N	60200 E	68800 E	318000	427000 EJ
Potassium	µg/kg	-	737000 B	ND (375000)	ND (453000)	ND (453000)	ND (463000)	1080000	1150000	781000	1430000
Selenium	µg/kg	6800000	ND (5900)	ND (9500)	ND (7300)	11800 B	ND (7500)	12900	18800 S	19700 BS	36100
Silver	µg/kg	6800000	1500 BN	1800 BN	1100 BN	4400 N	1600 BN	22800 E	47900 E	65600 N	79700 EN
Sodium	µg/kg	-	791000 BE	627000 BE	1450000 E	1230000 BE	1390000 BE	612000	602000	481000 B	1750000
Thallium	µg/kg	-	ND (230)	ND (230)	ND (280)	ND (280)	ND (290)	250 B	310 B	280 B	440 BJ
Vanadium	µg/kg	-	13200	26400	18300	22100	22100	ND (330)	2600 B	16500	32500
Zinc	µg/kg	10000000	47700 N	105000 N	150000 N	51500 N	196000 N	6750000 E	8160000 E	3790000 E	**12100000 EJ**

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
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Sample Location:			*SS4*	*SS5*	*SS5D*	*SS5M*	*SS5S*	*SS6*	*SS6D*	*SS7*	*SS8*
Sample ID:			*SS4-A209C*	*SS5-A209*	*SS5D-A209*	*SS5M-A209*	*SS5S-A209*	*SS6-A161*	*SS6D-A161*	*SS7-A161*	*SS8-A39*
Sample Date:			*11/5/1993*	*11/5/1993*	*11/5/1993*	*11/5/1993*	*11/5/1993*	*10/21/1993*	*10/21/1993*	*10/22/1993*	*10/20/1993*
Sample Depth:			*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*									
PCBs											
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (19)	ND (19)	ND (23)	ND (23)	ND (24)	ND (19)	ND (18)	ND (19)	ND (110)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (19)	ND (19)	ND (23)	ND (23)	ND (24)	ND (19)	ND (18)	ND (19)	ND (110)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (19)	ND (19)	ND (23)	ND (23)	ND (24)	ND (19)	ND (18)	ND (19)	ND (110)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (19)	ND (19)	ND (23)	ND (23)	ND (24)	ND (19)	ND (18)	ND (19)	ND (110)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (19)	ND (19)	ND (23)	ND (23)	ND (23)	ND (19)	ND (18)	ND (19)	ND (110)
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (19)	ND (19)	ND (23)	ND (23)	ND (24)	ND (19)	150	770	580
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (19)	ND (19)	ND (23)	ND (23)	ND (24)	ND (19)	ND (18)	ND (19)	ND (110)
Total PCBs	µg/kg	-	ND	ND	ND	ND	ND	ND	150	770	580
Pesticides											
4,4'-DDD	µg/kg	180000	ND (1.9)	ND (1.9)	ND (2.3)	ND (2.3)	ND (2.4)	ND (1.9)	ND (1.8)	ND (1.9)	ND (11)
4,4'-DDE	µg/kg	120000	ND (1.9)	ND (1.9)	ND (2.3)	ND (2.3)	ND (2.4)	ND (1.9)	ND (1.8)	ND (1.9)	ND (11)
4,4'-DDT	µg/kg	94000	ND (3.8)	ND (3.9)	ND (4.7)	ND (4.7)	ND (4.8)	ND (3.7)	ND (3.5)	ND (3.7)	ND (22)
Aldrin	µg/kg	1400	ND (1.5)	ND (1.6)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.5)	ND (1.4)	ND (1.5)	ND (8.9)
alpha-BHC	µg/kg	6800	ND (0.95)	ND (0.97)	ND (1.2)	ND (1.2)	ND (1.2)	ND (0.93)	ND (0.89)	ND (0.93)	ND (5.6)
alpha-Chlordane	µg/kg	47000	ND (1.9)	ND (1.9)	ND (2.3)	ND (2.3)	ND (2.4)	ND (1.9)	ND (1.8)	ND (1.9)	ND (11)
beta-BHC	µg/kg	14000	ND (1.9)	ND (1.9)	ND (2.3)	ND (2.4)	ND (2.4)	ND (1.9)	ND (1.8)	ND (1.9)	ND (11)
delta-BHC	µg/kg	1000000	ND (1.9)	ND (1.9)	ND (2.3)	ND (2.3)	ND (2.4)	ND (1.9)	ND (1.8)	ND (1.9)	ND (11)
Dieldrin	µg/kg	2800	ND (1.9)	ND (1.9)	ND (2.3)	ND (2.3)	ND (2.4)	ND (1.9)	ND (1.8)	ND (1.9)	ND (11)
Endosulfan I	µg/kg	920000	ND (1.9)	ND (1.9)	ND (2.3)	ND (2.3)	ND (2.4)	ND (1.9)	ND (1.8)	ND (1.9)	ND (11)
Endosulfan II	µg/kg	920000	ND (1.9)	ND (1.9)	ND (2.3)	ND (2.3)	ND (2.4)	ND (1.9)	ND (1.8)	ND (1.9)	ND (11)
Endosulfan sulfate	µg/kg	920000	ND (3.8)	ND (3.9)	ND (4.7)	ND (4.7)	ND (4.8)	ND (3.7)	ND (3.5)	ND (3.7)	ND (22)
Endrin	µg/kg	410000	ND (1.9)	ND (1.9)	ND (2.3)	ND (2.3)	ND (2.4)	ND (1.9)	ND (1.8)	ND (1.9)	ND (11)
Endrin aldehyde	µg/kg	-	ND (1.9)	ND (1.9)	ND (2.3)	ND (2.3)	ND (2.4)	ND (1.9)	ND (1.8)	ND (1.9)	ND (11)
Endrin ketone	µg/kg	-	ND (1.9)	ND (1.9)	ND (2.3)	ND (2.3)	ND (2.4)	ND (1.9)	ND (1.8)	ND (1.9)	ND (11)
gamma-BHC (lindane)	µg/kg	23000	ND (1.9)	ND (1.9)	ND (2.3)	ND (2.3)	ND (2.4)	ND (1.9)	ND (1.8)	ND (1.9)	ND (11)
gamma-Chlordane	µg/kg	-	ND (1.9)	ND (1.9)	ND (2.3)	ND (2.3)	ND (2.4)	ND (1.9)	ND (1.8)	ND (1.9)	ND (11)
Heptachlor	µg/kg	29000	R	R	R	R	R	ND (1.5)	ND (1.4)	ND (1.5)	ND (8.9)
Heptachlor epoxide	µg/kg	-	ND (3.8)	ND (3.9)	ND (4.7)	ND (4.7)	ND (4.8)	ND (3.7)	ND (3.5)	ND (3.7)	ND (22)
Methoxychlor	µg/kg	-	ND (15)	ND (16)	ND (19)	ND (19)	ND (19)	ND (15)	ND (14)	ND (15)	ND (89)
Toxaphene	µg/kg	-	ND (9.5)	ND (9.7)	ND (12)	ND (12)	ND (12)	ND (9.3)	ND (8.9)	ND (9.3)	ND (56)
Petroleum Hydrocarbons											
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*SS4*	*SS5*	*SS5D*	*SS5M*	*SS5S*	*SS6*	*SS6D*	*SS7*	*SS8*
Sample ID:			*SS4-A209C*	*SS5-A209*	*SS5D-A209*	*SS5M-A209*	*SS5S-A209*	*SS6-A161*	*SS6D-A161*	*SS7-A161*	*SS8-A39*
Sample Date:			*11/5/1993*	*11/5/1993*	*11/5/1993*	*11/5/1993*	*11/5/1993*	*10/21/1993*	*10/21/1993*	*10/22/1993*	*10/20/1993*
Sample Depth:			*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*									
General Chemistry											
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	ND (1100)	ND (1200)	ND (1400)	ND (1400)	ND (1400)	ND (1100)	ND (1100)	ND (1100)	ND (1300)
Nitrogen	µg/kg	-	-	-	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	ND (1100000)	ND (1100000)	ND (1400000)	ND (1400000)	ND (1300000)	ND (1100000)	ND (1000000)	ND (1000000)	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	70000	130000	65000	ND (69000)	ND (69000)	1000000	-	230000	-
Total solids	%	-	-	-	-	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-	-	-	-	-

Notes:

greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

(Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*SS8D*	*SS9*	*SS10*	*SS11*	*SS12*	*SS13*	*SS14*	*SS14*	*SS15*
Sample ID:			*SS8D-A39*	*SS9-A39*	*SS10-A39*	*SS11-A39*	*SS12-A39*	*SS13-A39*	*SS14-A42*	*SS14-A42FD*	*SS15-A36*
Sample Date:			*10/20/1993*	*10/22/1993*	*10/20/1993*	*10/20/1993*	*10/22/1993*	*10/20/1993*	*11/22/1993*	*11/22/1993*	*10/19/1993*
Sample Depth:			*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*
		RUSCO								*Duplicate*	
Parameter	*Units*	*Criteria*									
Volatiles											
1,1,1-Trichloroethane	µg/kg	1000000	ND (13)	ND (12)	ND (15)	ND (1700)	ND (12)	ND (11)	ND (11)	ND (11)	ND (12)
1,1,2,2-Tetrachloroethane	µg/kg	-	ND (13)	ND (12)	ND (15)	ND (1700)	ND (12)	ND (11)	ND (11)	ND (11)	ND (12)
1,1,2-Trichloroethane	µg/kg	-	ND (13)	ND (12)	ND (15)	ND (1700)	ND (12)	ND (11)	ND (11)	ND (11)	ND (12)
1,1-Dichloroethane	µg/kg	480000	ND (13)	ND (12)	ND (15)	ND (1700)	ND (12)	ND (11)	ND (11)	ND (11)	ND (12)
1,1-Dichloroethene	µg/kg	1000000	ND (13)	ND (12)	ND (15)	ND (1700)	ND (12)	ND (11)	ND (11)	ND (11)	ND (12)
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	ND (13)	ND (12)	ND (15)	ND (1700)	ND (12)	ND (11)	ND (11)	ND (11)	ND (12)
1,2-Dichloroethene (total)	µg/kg	-	ND (13)	ND (12)	ND (15)	ND (1700)	ND (12)	ND (11)	ND (11)	ND (11)	ND (12)
1,2-Dichloropropane	µg/kg	-	ND (13)	ND (12)	ND (15)	ND (1700)	ND (12)	ND (11)	ND (11)	ND (11)	ND (12)
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	ND (13)	ND (12)	ND (15)	ND (1700)	ND (12)	ND (11)	ND (11)	ND (11)	ND (12)
2-Hexanone	µg/kg	-	ND (13)	ND (12)	ND (15)	ND (1700)	ND (12)	ND (11)	ND (11)	ND (11)	ND (12)
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	ND (13)	ND (12)	ND (15)	ND (1700)	ND (12)	ND (11)	ND (11)	ND (11)	ND (12)
Acetone	µg/kg	1000000	ND (13)	23	65	3100	51	ND (11)	ND (11)	ND (11)	ND (12)
Benzene	µg/kg	89000	ND (13)	ND (12)	ND (15)	ND (1700)	ND (12)	ND (11)	ND (11)	ND (11)	ND (12)
Bromodichloromethane	µg/kg	-	ND (13)	ND (12)	ND (15)	ND (1700)	ND (12)	ND (11)	ND (11)	ND (11)	ND (12)
Bromoform	µg/kg	-	ND (13)	ND (12)	ND (15)	ND (1700)	ND (12)	ND (11)	ND (11)	ND (11)	ND (12)
Bromomethane (Methyl bromide)	µg/kg	-	ND (13)	ND (12)	ND (15)	ND (1700)	ND (12)	ND (11)	ND (11)	ND (11)	ND (12)
Carbon disulfide	µg/kg	-	ND (13)	ND (12)	ND (15)	ND (1700)	ND (12)	ND (11)	ND (11)	ND (11)	ND (12)
Carbon tetrachloride	µg/kg	44000	ND (13)	ND (12)	ND (15)	ND (1700)	ND (12)	ND (11)	ND (11)	ND (11)	ND (12)
Chlorobenzene	µg/kg	1000000	ND (13)	ND (12)	ND (15)	ND (1700)	ND (12)	ND (11)	ND (11)	ND (11)	ND (12)
Chloroethane	µg/kg	-	ND (13)	ND (12)	ND (15)	ND (1700)	ND (12)	ND (11)	ND (11)	ND (11)	ND (12)
Chloroform (Trichloromethane)	µg/kg	700000	ND (13)	ND (12)	ND (15)	ND (1700)	ND (12)	ND (11)	ND (11)	ND (11)	ND (12)
Chloromethane (Methyl chloride)	µg/kg	-	ND (13)	ND (12)	ND (15)	ND (1700)	ND (12)	ND (11)	ND (11)	ND (11)	ND (12)
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	ND (13)	ND (12)	ND (15)	ND (1700)	ND (12)	ND (11)	ND (11)	ND (11)	ND (12)
Cyclohexane	µg/kg	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	ND (13)	ND (12)	ND (15)	ND (1700)	ND (12)	ND (11)	ND (11)	ND (11)	ND (12)
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	ND (13)	ND (12)	ND (15)	ND (1700)	ND (12)	ND (11)	ND (11)	ND (11)	ND (12)
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*SS8D*	*SS9*	*SS10*	*SS11*	*SS12*	*SS13*	*SS14*	*SS14*	*SS15*
Sample ID:			*SS8D-A39*	*SS9-A39*	*SS10-A39*	*SS11-A39*	*SS12-A39*	*SS13-A39*	*SS14-A42*	*SS14-A42FD*	*SS15-A36*
Sample Date:			*10/20/1993*	*10/22/1993*	*10/20/1993*	*10/20/1993*	*10/22/1993*	*10/20/1993*	*11/22/1993*	*11/22/1993*	*10/19/1993*
Sample Depth:			*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*
		RUSCO								*Duplicate*	
Parameter	*Units*	*Criteria*									
Methyl acetate	µg/kg	-	-	-	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	ND (13)	ND (12)	ND (15)	470 J	ND (12)	ND (11)	ND (11)	ND (11)	ND (12)
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-	-	-	-
Styrene	µg/kg	-	ND (13)	ND (12)	ND (15)	ND (1700)	ND (12)	ND (11)	ND (11)	ND (11)	ND (12)
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	ND (13)	7 J	ND (15)	ND (1700)	ND (12)	ND (11)	ND (11)	ND (11)	ND (12)
Toluene	µg/kg	1000000	ND (13)	ND (12)	ND (15)	ND (1700)	ND (12)	ND (11)	ND (11)	ND (11)	ND (12)
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	ND (13)	ND (12)	ND (15)	ND (1700)	ND (12)	ND (11)	ND (11)	ND (11)	ND (12)
Trichloroethene	µg/kg	400000	ND (13)	ND (12)	ND (15)	ND (1700)	ND (12)	ND (11)	ND (11)	ND (11)	ND (12)
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	ND (13)	ND (12)	ND (15)	ND (1700)	ND (12)	ND (11)	ND (11)	ND (11)	ND (12)
Xylenes (total)	µg/kg	1000000	ND (13)	ND (12)	7 J	ND (1700)	ND (12)	ND (11)	ND (11)	ND (11)	ND (12)
Semi-Volatiles											
1,2,4-Trichlorobenzene	µg/kg	-	ND (440)	ND (380)	ND (480)	ND (450)	ND (390)	ND (370)	ND (370)	ND (370)	ND (390)
1,2-Dichlorobenzene	µg/kg	1000000	ND (440)	ND (380)	ND (480)	ND (450)	ND (390)	ND (370)	ND (370)	ND (370)	ND (390)
1,3-Dichlorobenzene	µg/kg	560000	ND (440)	ND (380)	ND (480)	ND (450)	ND (390)	ND (370)	ND (370)	ND (370)	ND (390)
1,4-Dichlorobenzene	µg/kg	250000	ND (440)	ND (380)	ND (480)	ND (450)	ND (390)	ND (370)	ND (370)	ND (370)	ND (390)
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	ND (440)	ND (380)	ND (480)	ND (450)	ND (390)	ND (370)	ND (370)	ND (370)	ND (390)
2,4,5-Trichlorophenol	µg/kg	-	ND (1100)	ND (960)	ND (1200)	ND (1100)	ND (970)	ND (930)	ND (1900)	ND (1900)	ND (980)
2,4,6-Trichlorophenol	µg/kg	-	ND (440)	ND (380)	ND (480)	ND (450)	ND (390)	ND (370)	ND (370)	ND (370)	ND (390)
2,4-Dichlorophenol	µg/kg	-	ND (440)	ND (380)	ND (480)	ND (450)	ND (390)	ND (370)	ND (370)	ND (370)	ND (390)
2,4-Dimethylphenol	µg/kg	-	ND (440)	ND (380)	ND (480)	ND (450)	ND (390)	ND (370)	ND (370)	ND (370)	ND (390)
2,4-Dinitrophenol	µg/kg	-	ND (1100)	ND (960)	ND (1200)	ND (1100)	ND (970)	ND (930)	ND (1900)	ND (1900)	ND (980)
2,4-Dinitrotoluene	µg/kg	-	ND (440)	ND (380)	ND (480)	ND (450)	ND (390)	ND (370)	ND (370)	ND (370)	ND (390)
2,6-Dinitrotoluene	µg/kg	-	ND (440)	ND (380)	ND (480)	ND (450)	ND (390)	ND (370)	ND (370)	ND (370)	ND (390)
2-Chloronaphthalene	µg/kg	-	ND (440)	ND (380)	ND (480)	ND (450)	ND (390)	ND (370)	ND (370)	ND (370)	ND (390)
2-Chlorophenol	µg/kg	-	ND (440)	ND (380)	ND (480)	ND (450)	ND (390)	ND (370)	ND (370)	ND (370)	ND (390)
2-Methylnaphthalene	µg/kg	-	ND (440)	ND (380)	480	ND (450)	ND (390)	ND (370)	160 J	100 J	ND (390)
2-Methylphenol	µg/kg	1000000	ND (440)	ND (380)	ND (480)	ND (450)	ND (390)	ND (370)	ND (370)	ND (370)	ND (390)
2-Nitroaniline	µg/kg	-	ND (1100)	ND (960)	ND (1200)	ND (1100)	ND (970)	ND (930)	ND (1900)	ND (1900)	ND (980)
2-Nitrophenol	µg/kg	-	ND (440)	ND (380)	ND (480)	ND (450)	ND (390)	ND (370)	ND (370)	ND (370)	ND (390)
3&4-Methylphenol	µg/kg	-	-	ND (380)	-	-	ND (390)	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	ND (440)	ND (380)	ND (480)	ND (450)	ND (390)	ND (370)	ND (370)	ND (370)	ND (390)

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*SS8D*	*SS9*	*SS10*	*SS11*	*SS12*	*SS13*	*SS14*	*SS14*	*SS15*
Sample ID:			*SS8D-A39*	*SS9-A39*	*SS10-A39*	*SS11-A39*	*SS12-A39*	*SS13-A39*	*SS14-A42*	*SS14-A42FD*	*SS15-A36*
Sample Date:			*10/20/1993*	*10/22/1993*	*10/20/1993*	*10/20/1993*	*10/22/1993*	*10/20/1993*	*11/22/1993*	*11/22/1993*	*10/19/1993*
Sample Depth:			*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*
		RUSCO								*Duplicate*	
Parameter	*Units*	*Criteria*									
3-Nitroaniline	µg/kg	-	ND (1100)	ND (960)	ND (1200)	ND (1100)	ND (970)	ND (930)	ND (1900)	ND (1900)	ND (980)
4,6-Dinitro-2-methylphenol	µg/kg	-	ND (1100)	ND (960)	ND (1200)	ND (1100)	ND (970)	ND (930)	ND (1900)	ND (1900)	ND (980)
4-Bromophenyl phenyl ether	µg/kg	-	ND (440)	ND (380)	ND (480)	ND (450)	ND (390)	ND (370)	ND (370)	ND (370)	ND (390)
4-Chloro-3-methylphenol	µg/kg	-	ND (440)	ND (380)	ND (480)	ND (450)	ND (390)	ND (370)	ND (370)	ND (370)	700
4-Chloroaniline	µg/kg	-	ND (440)	ND (380)	ND (480)	ND (450)	ND (390)	ND (370)	ND (370)	ND (370)	ND (390)
4-Chlorophenyl phenyl ether	µg/kg	-	ND (440)	ND (380)	ND (480)	ND (450)	ND (390)	ND (370)	ND (370)	ND (370)	ND (390)
4-Methylphenol	µg/kg	1000000	ND (440)	-	ND (480)	ND (450)	-	ND (370)	ND (370)	ND (370)	ND (390)
4-Nitroaniline	µg/kg	-	ND (1100)	ND (960)	ND (1200)	ND (1100)	ND (970)	ND (930)	ND (1900)	ND (1900)	ND (980)
4-Nitrophenol	µg/kg	-	ND (1100)	ND (960)	ND (1200)	ND (1100)	ND (970)	ND (930)	ND (1900)	ND (1900)	ND (980)
Acenaphthene	µg/kg	1000000	ND (440)	ND (380)	1100	ND (450)	ND (390)	ND (370)	450	180 J	ND (390)
Acenaphthylene	µg/kg	1000000	ND (440)	ND (380)	90 J	ND (450)	ND (390)	ND (370)	ND (370)	ND (370)	ND (390)
Acetophenone	µg/kg	-	-	-	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	110 J	51 J	1900	57 J	ND (390)	ND (370)	990	380	ND (390)
Atrazine	µg/kg	-	-	-	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	730	210 J	3100	230 J	ND (390)	ND (370)	1100	410	ND (390)
Benzo(a)pyrene	µg/kg	1100	640	150 J	**2800**	170 J	ND (390)	ND (370)	1100	410	ND (390)
Benzo(b)fluoranthene	µg/kg	11000	900	190 J	3900	190 J	ND (390)	ND (370)	870	390	ND (390)
Benzo(g,h,i)perylene	µg/kg	1000000	580	93 J	760	150 J	ND (390)	ND (370)	480	170 J	ND (390)
Benzo(k)fluoranthene	µg/kg	110000	720	97 J	3000	190 J	ND (390)	ND (370)	750	320 J	ND (390)
Benzoic acid	µg/kg	-	-	-	-	-	-	-	ND (370)	ND (370)	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-	-	ND (370)	ND (370)	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	ND (440)	ND (380)	ND (480)	ND (450)	ND (390)	ND (370)	ND (370)	ND (370)	ND (390)
bis(2-Chloroethyl)ether	µg/kg	-	ND (440)	ND (380)	ND (480)	ND (450)	ND (390)	ND (370)	ND (370)	ND (370)	ND (390)
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	640	56 J	ND (480)	ND (450)	ND (390)	ND (370)	ND (370)	ND (370)	110 J
Butyl benzylphthalate (BBP)	µg/kg	-	160 J	ND (380)	1100	53 J	ND (390)	46 J	ND (370)	ND (370)	ND (390)
Caprolactam	µg/kg	-	-	-	-	-	-	-	-	-	-
Carbazole	µg/kg	-	50 J	ND (380)	980	ND (450)	ND (390)	ND (370)	-	ND (330)	ND (390)
Chrysene	µg/kg	110000	1000	230 J	2400	260 J	ND (390)	ND (370)	1000	420	ND (390)
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-	-	ND (370)	ND (370)	-
Dibenz(a,h)anthracene	µg/kg	1100	77 J	ND (380)	280 J	56 J	ND (390)	ND (370)	ND (370)	ND (370)	ND (390)
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-	-	ND (370)	ND (370)	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-	-	ND (370)	ND (370)	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-	-	ND (370)	ND (370)	-
Dibenzofuran	µg/kg	1000000	ND (440)	ND (380)	660	ND (450)	ND (390)	ND (370)	380	210 J	ND (390)
Diethyl phthalate	µg/kg	-	ND (440)	ND (380)	ND (480)	ND (450)	ND (390)	ND (370)	ND (370)	ND (370)	ND (390)
Dimethyl phthalate	µg/kg	-	ND (440)	ND (380)	ND (480)	ND (450)	ND (390)	ND (370)	ND (370)	ND (370)	ND (390)
Di-n-butylphthalate (DBP)	µg/kg	-	150 J	ND (380)	ND (480)	ND (450)	ND (390)	ND (370)	ND (370)	ND (370)	ND (390)
Di-n-octyl phthalate (DnOP)	µg/kg	-	ND (440)	ND (380)	ND (480)	ND (450)	ND (390)	ND (370)	ND (370)	ND (370)	2700
Fluoranthene	µg/kg	1000000	1400	410	6200	520	ND (390)	ND (370)	3000	1200	ND (390)

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*SS8D*	*SS9*	*SS10*	*SS11*	*SS12*	*SS13*	*SS14*	*SS14*	*SS15*
Sample ID:			*SS8D-A39*	*SS9-A39*	*SS10-A39*	*SS11-A39*	*SS12-A39*	*SS13-A39*	*SS14-A42*	*SS14-A42FD*	*SS15-A36*
Sample Date:			*10/20/1993*	*10/22/1993*	*10/20/1993*	*10/20/1993*	*10/22/1993*	*10/20/1993*	*11/22/1993*	*11/22/1993*	*10/19/1993*
Sample Depth:			*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*
		RUSCO								*Duplicate*	
Parameter	*Units*	*Criteria*									
Fluorene	µg/kg	1000000	ND (440)	ND (380)	1000	ND (450)	ND (390)	ND (370)	570	230 J	ND (390)
Hexachlorobenzene	µg/kg	12000	ND (440)	ND (380)	ND (480)	ND (450)	ND (390)	ND (370)	ND (370)	ND (370)	ND (390)
Hexachlorobutadiene	µg/kg	-	ND (440)	ND (380)	ND (480)	ND (450)	ND (390)	ND (370)	ND (370)	ND (370)	ND (390)
Hexachlorocyclopentadiene	µg/kg	-	ND (440)	ND (380)	ND (480)	ND (450)	ND (390)	ND (370)	ND (370)	ND (370)	ND (390)
Hexachloroethane	µg/kg	-	ND (440)	ND (380)	ND (480)	ND (450)	ND (390)	ND (370)	ND (370)	ND (370)	ND (390)
Indeno(1,2,3-cd)pyrene	µg/kg	11000	630	110 J	1200	160 J	ND (390)	ND (370)	430	150 J	ND (390)
Isophorone	µg/kg	-	ND (440)	ND (380)	ND (480)	ND (450)	ND (390)	ND (370)	ND (370)	ND (370)	ND (390)
Naphthalene	µg/kg	1000000	ND (440)	ND (380)	680	ND (450)	ND (390)	ND (370)	ND (370)	270 J	ND (390)
Nitrobenzene	µg/kg	140000	ND (440)	ND (380)	ND (480)	ND (450)	ND (390)	ND (370)	ND (370)	ND (370)	ND (390)
N-Nitrosodi-n-propylamine	µg/kg	-	ND (440)	ND (380)	ND (480)	ND (450)	ND (390)	ND (370)	ND (370)	ND (370)	ND (390)
N-Nitrosodiphenylamine	µg/kg	-	ND (440)	ND (380)	ND (480)	ND (450)	ND (390)	ND (370)	ND (370)	ND (370)	ND (390)
Pentachlorophenol	µg/kg	55000	ND (1100)	ND (960)	ND (1200)	ND (1100)	ND (970)	ND (930)	ND (1900)	ND (1900)	ND (980)
Phenanthrene	µg/kg	1000000	760	280 J	6900	360 J	ND (390)	ND (370)	3300	1300	ND (390)
Phenol	µg/kg	1000000	ND (440)	ND (380)	ND (480)	ND (450)	ND (390)	ND (370)	ND (370)	ND (370)	230 J
Pyrene	µg/kg	1000000	1200	310 J	8600 E	470	ND (390)	ND (370)	2500	1000	ND (390)
Metals											
Aluminum	µg/kg	-	12000000	1310000 E	6590000	443000	372000 E	82900	3630000	3600000	1650000
Antimony	µg/kg	-	22800	197000 E	164000	39200	43800 N	81400	ND (10200)	ND (10200)	2500 B
Arsenic	µg/kg	16000	**49300**	**91400**	**204000**	**47700**	**40700**	11900	**25800 B**	12700	11900
Barium	µg/kg	10000000	355000 ENJ	64100 EN	72800 ENJ	318000 N	66300 EN	59600 N	32300 B	31700 B	10300 BENJ
Beryllium	µg/kg	2700000	5700	190 B	280 B	ND (140)	ND (120)	ND (110)	ND (220)	ND (220)	190 B
Cadmium	µg/kg	60000	1700	650 N	3200	1000	630 N	ND (330)	1100	ND (890)	49100
Calcium	µg/kg	-	20100000	16300000 E	55400000	50100000	25700000 E	45200000	65600000	65400000	41500000
Chromium	µg/kg	-	105000 EJ	17600 N	29800 EJ	2000	1900 N	820 B	16600	14800	130000 EJ
Cobalt	µg/kg	-	266000 EJ	9300 B	122000 EJ	61900	27500 E	23000	8300 B	8100 B	198000 EJ
Copper	µg/kg	10000000	**10200000**	681000 E	**39700000**	3180000	182000 E	330000	3500000	3190000	**17200000**
Iron	µg/kg	-	59300000	12000000	25300000	1580000	2660000 E	254000	7310000	7270000	94200000
Lead	µg/kg	3900000	1070000 EJ	220000	2040000 EJ	616000	127000	89500	46200	35400	406000 EJ
Magnesium	µg/kg	-	2960000	238000 BE	665000 B	450000 B	21900 BE	34800 B	22000000	21900000	34400000
Manganese	µg/kg	10000000	357000 EJ	13200 E	41800 EJ	12000	3000 E	2900	148000	145000	815000 EJ
Mercury	µg/kg	5700	ND (150)	ND (130)	ND (160)	160	ND (130)	ND (120)	400	510	ND (130)
Nickel	µg/kg	10000000	350000 EJ	91100	205000 EJ	79900	5600	7700	151000	150000	136000 EJ
Potassium	µg/kg	-	934000	622000	2290000	ND (217000)	308000 B	ND (177000)	634000 B	620000 B	553000 B
Selenium	µg/kg	6800000	53900 BS	9000	63300 BS	22700 S	31000 S	13300 S	3300	2800	16000 BS
Silver	µg/kg	6800000	75100 EN	9100 N	64200 EN	19300 N	19200 N	4300 N	7100	8600	20600 EN
Sodium	µg/kg	-	1090000	729000	1790000	311000 B	269000 B	211000 B	ND (648000)	ND (629000)	534000 B
Thallium	µg/kg	-	490 BJ	ND (290)	400 BJ	ND (140)	250 B	ND (110)	ND (1800)	ND (2100)	410 B
Vanadium	µg/kg	-	31100	19000	33000	850 B	1300 B	ND (330)	10900 B	10700 B	ND (350)
Zinc	µg/kg	10000000	6950000 EJ	106000 E	98400 EJ	75300	ND (3400) E	4800	320000	234000	362000 EJ

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*SS8D*	*SS9*	*SS10*	*SS11*	*SS12*	*SS13*	*SS14*	*SS14*	*SS15*
Sample ID:			*SS8D-A39*	*SS9-A39*	*SS10-A39*	*SS11-A39*	*SS12-A39*	*SS13-A39*	*SS14-A42*	*SS14-A42FD*	*SS15-A36*
Sample Date:			*10/20/1993*	*10/22/1993*	*10/20/1993*	*10/20/1993*	*10/22/1993*	*10/20/1993*	*11/22/1993*	*11/22/1993*	*10/19/1993*
Sample Depth:			*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*
		RUSCO								*Duplicate*	
Parameter	*Units*	*Criteria*									
PCBs											
Aroclor-1016 (PCB-1016)	µg/kg	-	-	ND (19)	ND (120)	ND (560)	ND (19)	ND (19)	ND (18)	ND (18)	ND (200)
Aroclor-1221 (PCB-1221)	µg/kg	-	-	ND (19)	ND (120)	ND (560)	ND (19)	ND (19)	ND (18)	ND (18)	ND (200)
Aroclor-1232 (PCB-1232)	µg/kg	-	-	ND (19)	ND (120)	ND (560)	ND (19)	ND (19)	ND (18)	ND (18)	ND (200)
Aroclor-1242 (PCB-1242)	µg/kg	-	-	ND (19)	ND (120)	ND (560)	ND (19)	ND (19)	ND (18)	ND (18)	ND (200)
Aroclor-1248 (PCB-1248)	µg/kg	-	-	ND (19)	ND (120)	ND (560)	ND (19)	ND (19)	ND (18)	ND (18)	1100
Aroclor-1254 (PCB-1254)	µg/kg	-	550	490	900	5600	360	560	ND (18)	ND (18)	750
Aroclor-1260 (PCB-1260)	µg/kg	-	-	ND (19)	ND (120)	ND (560)	ND (19)	ND (19)	ND (18)	ND (18)	ND (200)
Total PCBs	µg/kg	-	550	490	900	5600	360	560	ND	ND	1850
Pesticides											
4,4'-DDD	µg/kg	180000	-	ND (1.9)	ND (12)	ND (56)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.8)	ND (20)
4,4'-DDE	µg/kg	120000	-	ND (1.9)	ND (12)	ND (56)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.8)	ND (20)
4,4'-DDT	µg/kg	94000	-	ND (3.8)	ND (24)	ND (110)	ND (3.9)	ND (3.7)	ND (3.7)	ND (3.7)	ND (39)
Aldrin	µg/kg	1400	-	ND (1.5)	ND (9.7)	ND (45)	ND (1.6)	ND (1.5)	ND (1.5)	ND (1.5)	ND (16)
alpha-BHC	µg/kg	6800	-	ND (0.96)	ND (6.0)	ND (28)	ND (0.97)	ND (0.93)	ND (0.92)	ND (0.92)	ND (9.8)
alpha-Chlordane	µg/kg	47000	-	ND (1.9)	ND (12)	ND (56)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.8)	ND (20)
beta-BHC	µg/kg	14000	-	ND (1.9)	ND (12)	ND (56)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.8)	ND (20)
delta-BHC	µg/kg	1000000	-	ND (1.9)	ND (12)	ND (56)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.8)	ND (20)
Dieldrin	µg/kg	2800	-	ND (1.9)	ND (12)	ND (56)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.8)	ND (20)
Endosulfan I	µg/kg	920000	-	ND (1.9)	ND (12)	ND (56)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.8)	ND (20)
Endosulfan II	µg/kg	920000	-	ND (1.9)	ND (12)	ND (56)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.8)	ND (20)
Endosulfan sulfate	µg/kg	920000	-	ND (3.8)	ND (24)	ND (110)	ND (3.9)	ND (3.7)	ND (3.7)	ND (3.7)	ND (39)
Endrin	µg/kg	410000	-	ND (1.9)	ND (12)	ND (56)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.8)	ND (20)
Endrin aldehyde	µg/kg	-	-	ND (1.9)	ND (12)	ND (56)	ND (1.9)	ND (1.9)	R	R	ND (20)
Endrin ketone	µg/kg	-	-	ND (1.9)	ND (12)	ND (56)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.8)	ND (20)
gamma-BHC (lindane)	µg/kg	23000	-	ND (1.9)	ND (12)	ND (56)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.8)	ND (20)
gamma-Chlordane	µg/kg	-	-	ND (1.9)	ND (12)	ND (56)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.8)	ND (20)
Heptachlor	µg/kg	29000	-	ND (1.5)	ND (9.7)	ND (45)	ND (1.6)	ND (1.5)	ND (1.5)	ND (1.5)	ND (16)
Heptachlor epoxide	µg/kg	-	-	ND (3.8)	ND (24)	ND (110)	ND (3.9)	ND (3.7)	ND (3.7)	ND (3.7)	ND (39)
Methoxychlor	µg/kg	-	-	ND (15)	ND (97)	ND (450)	ND (16)	ND (159)	ND (15)	ND (15)	ND (160)
Toxaphene	µg/kg	-	-	ND (9.6)	ND (60)	R	ND (9.7)	ND (9.3)	ND (9.2)	ND (9.2)	ND (98)
Petroleum Hydrocarbons											
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*SS8D*	*SS9*	*SS10*	*SS11*	*SS12*	*SS13*	*SS14*	*SS14*	*SS15*
Sample ID:			*SS8D-A39*	*SS9-A39*	*SS10-A39*	*SS11-A39*	*SS12-A39*	*SS13-A39*	*SS14-A42*	*SS14-A42FD*	*SS15-A36*
Sample Date:			*10/20/1993*	*10/22/1993*	*10/20/1993*	*10/20/1993*	*10/22/1993*	*10/20/1993*	*11/22/1993*	*11/22/1993*	*10/19/1993*
Sample Depth:			*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*
		RUSCO								*Duplicate*	
Parameter	*Units*	*Criteria*									
General Chemistry											
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	ND (1300)	ND (1100)	ND (1400)	ND (1400)	ND (1200)	ND (1100)	ND (1100)	ND (1100)	ND (1200)
Nitrogen	µg/kg	-	-	-	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	ND (1300000)	ND (1100000)	8300000	ND (1400000)	ND (1100000)	ND (1100000)	781000	755000	ND (1200000)
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	ND (62000)	100000	ND (71000)	66000	78000	ND (51000)	534000	509000	720000
Total solids	%	-	-	-	-	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-	-	-	-	-

Notes:

greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

(Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*SS16*	*SS17*	*SS18*	*SS19*	*SS20*	*SS22*	*SS23*	*SS24*	*SS25*
Sample ID:			*SS16-A36*	*SS17-A36*	*SS18-A36*	*SS19-A54*	*SS20-A53*	*SS22-A54*	*SS23-A53*	*SS24-A56*	*SS25-A56*
Sample Date:			*10/19/1993*	*10/19/1993*	*10/19/1993*	*11/22/1993*	*11/22/1993*	*11/22/1993*	*11/22/1993*	*11/22/1993*	*11/22/1993*
Sample Depth:			*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*									
Volatiles											
1,1,1-Trichloroethane	µg/kg	1000000	ND (13)	ND (1400)	ND (59)	ND (1600)	ND (1400)	ND (1900)	ND (57)	ND (11)	ND (12)
1,1,2,2-Tetrachloroethane	µg/kg	-	ND (13)	ND (1400)	ND (59)	ND (1600)	ND (1400)	ND (1900)	ND (57)	ND (11)	ND (12)
1,1,2-Trichloroethane	µg/kg	-	ND (13)	ND (1400)	ND (59)	ND (1600)	ND (1400)	ND (1900)	ND (57)	ND (11)	ND (12)
1,1-Dichloroethane	µg/kg	480000	ND (13)	ND (1400)	ND (59)	ND (1600)	ND (1400)	ND (1900)	ND (57)	ND (11)	ND (12)
1,1-Dichloroethene	µg/kg	1000000	ND (13)	ND (1400)	ND (59)	ND (1600)	ND (1400)	ND (1900)	ND (57)	ND (11)	ND (12)
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	ND (13)	ND (1400)	ND (59)	ND (1600)	ND (1400)	ND (1900)	ND (57)	ND (11)	ND (12)
1,2-Dichloroethene (total)	µg/kg	-	ND (13)	ND (1400)	ND (59)	ND (1600)	ND (1400)	ND (1900)	ND (57)	ND (11)	ND (12)
1,2-Dichloropropane	µg/kg	-	ND (13)	ND (1400)	ND (59)	ND (1600)	ND (1400)	ND (1900)	ND (57)	ND (11)	ND (12)
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	ND (13)	ND (1400)	ND (59)	ND (1600)	ND (1400)	ND (1900)	ND (57)	ND (11)	ND (12)
2-Hexanone	µg/kg	-	ND (13)	ND (1400)	ND (59)	ND (1600)	ND (1400)	ND (1900)	ND (57)	ND (11)	ND (12)
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	ND (13)	ND (1400)	ND (59)	ND (1600)	ND (1400)	ND (1900)	ND (57)	ND (11)	ND (12)
Acetone	µg/kg	1000000	ND (13)	5400	780	ND (1600)	ND (1400)	ND (7600)	ND (800)	ND (11)	ND (31)
Benzene	µg/kg	89000	ND (13)	ND (1400)	ND (59)	ND (1600)	ND (1400)	ND (1900)	ND (57)	ND (11)	ND (12)
Bromodichloromethane	µg/kg	-	ND (13)	ND (1400)	ND (59)	ND (1600)	ND (1400)	ND (1900)	ND (57)	ND (11)	ND (12)
Bromoform	µg/kg	-	ND (13)	ND (1400)	ND (59)	ND (1600)	ND (1400)	ND (1900)	ND (57)	ND (11)	ND (12)
Bromomethane (Methyl bromide)	µg/kg	-	ND (13)	ND (1400)	ND (59)	ND (1600)	ND (1400)	ND (1900)	ND (57)	ND (11)	ND (12)
Carbon disulfide	µg/kg	-	ND (13)	ND (1400)	ND (59)	ND (1600)	ND (1400)	ND (1900)	ND (57)	ND (11)	ND (12)
Carbon tetrachloride	µg/kg	44000	ND (13)	ND (1400)	ND (59)	ND (1600)	ND (1400)	ND (1900)	ND (57)	ND (11)	ND (12)
Chlorobenzene	µg/kg	1000000	ND (13)	ND (1400)	ND (59)	ND (1600)	ND (1400)	ND (1900)	ND (57)	ND (11)	ND (12)
Chloroethane	µg/kg	-	ND (13)	ND (1400)	ND (59)	ND (1600)	ND (1400)	ND (1900)	ND (57)	ND (11)	ND (12)
Chloroform (Trichloromethane)	µg/kg	700000	ND (13)	ND (1400)	ND (59)	ND (1600)	ND (1400)	ND (1900)	ND (57)	ND (11)	ND (12)
Chloromethane (Methyl chloride)	µg/kg	-	ND (13)	ND (1400)	ND (59)	ND (1600)	ND (1400)	ND (1900)	ND (57)	ND (11)	ND (12)
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	ND (13)	ND (1400)	ND (59)	ND (1600)	ND (1400)	ND (1900)	ND (57)	ND (11)	ND (12)
Cyclohexane	µg/kg	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	ND (13)	ND (1400)	ND (59)	ND (1600)	ND (1400)	ND (1900)	ND (57)	ND (11)	ND (12)
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	ND (13)	ND (1400)	ND (59)	ND (1600)	780 J	ND (1900)	ND (57)	ND (11)	ND (12)
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*SS16*	*SS17*	*SS18*	*SS19*	*SS20*	*SS22*	*SS23*	*SS24*	*SS25*
Sample ID:			*SS16-A36*	*SS17-A36*	*SS18-A36*	*SS19-A54*	*SS20-A53*	*SS22-A54*	*SS23-A53*	*SS24-A56*	*SS25-A56*
Sample Date:			*10/19/1993*	*10/19/1993*	*10/19/1993*	*11/22/1993*	*11/22/1993*	*11/22/1993*	*11/22/1993*	*11/22/1993*	*11/22/1993*
Sample Depth:			*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*									
Methyl acetate	µg/kg	-	-	-	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	ND (13)	ND (1400)	ND (59)	ND (1600)	ND (1400)	ND (1900)	ND (57)	ND (11)	ND (12)
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-	-	-	-
Styrene	µg/kg	-	ND (13)	ND (1400)	ND (59)	ND (1600)	ND (1400)	ND (1900)	ND (57)	ND (11)	ND (12)
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	ND (13)	ND (1400)	ND (59)	ND (1600)	ND (1400)	ND (1900)	ND (57)	ND (11)	ND (12)
Toluene	µg/kg	1000000	ND (13)	ND (1400)	ND (59)	ND (1600)	ND (1400)	ND (1900)	ND (57)	ND (11)	ND (12)
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	ND (13)	ND (1400)	ND (59)	ND (1600)	ND (1400)	ND (1900)	ND (57)	ND (11)	ND (12)
Trichloroethene	µg/kg	400000	ND (13)	ND (1400)	ND (59)	ND (1600)	ND (1400)	ND (1900)	ND (57)	ND (11)	ND (12)
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	ND (13)	ND (1400)	ND (59)	ND (1600)	ND (1400)	ND (1900)	ND (57)	ND (11)	ND (12)
Xylenes (total)	µg/kg	1000000	ND (13)	ND (1400)	ND (59)	ND (1600)	6600	ND (1900)	ND (57)	ND (11)	ND (12)
Semi-Volatiles											
1,2,4-Trichlorobenzene	µg/kg	-	ND (430)	ND (370)	ND (390)	ND (420)	ND (380)	ND (510)	ND (380)	ND (370)	ND (390)
1,2-Dichlorobenzene	µg/kg	1000000	ND (430)	ND (370)	ND (390)	ND (420)	ND (380)	ND (510)	ND (380)	ND (370)	ND (390)
1,3-Dichlorobenzene	µg/kg	560000	ND (430)	ND (370)	ND (390)	ND (420)	ND (380)	ND (510)	ND (380)	ND (370)	ND (390)
1,4-Dichlorobenzene	µg/kg	250000	ND (430)	ND (370)	ND (390)	ND (420)	ND (380)	ND (510)	ND (380)	ND (370)	ND (390)
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	ND (430)	ND (370)	ND (390)	ND (420)	ND (380)	ND (510)	ND (380)	ND (370)	ND (390)
2,4,5-Trichlorophenol	µg/kg	-	ND (1100)	ND (930)	ND (980)	ND (2200)	ND (2000)	ND (2600)	ND (2000)	ND (1900)	ND (2000)
2,4,6-Trichlorophenol	µg/kg	-	ND (430)	ND (370)	ND (390)	ND (420)	ND (380)	ND (510)	ND (380)	ND (370)	ND (390)
2,4-Dichlorophenol	µg/kg	-	ND (430)	ND (370)	ND (390)	ND (420)	ND (380)	ND (510)	ND (380)	ND (370)	ND (390)
2,4-Dimethylphenol	µg/kg	-	ND (430)	ND (370)	ND (390)	ND (420)	ND (380)	ND (510)	ND (380)	ND (370)	ND (390)
2,4-Dinitrophenol	µg/kg	-	ND (1100)	ND (930)	ND (980)	ND (2200)	ND (2000)	ND (2600)	ND (2000)	ND (1900)	ND (2000)
2,4-Dinitrotoluene	µg/kg	-	ND (430)	ND (370)	ND (390)	ND (420)	ND (380)	ND (510)	ND (380)	ND (370)	ND (390)
2,6-Dinitrotoluene	µg/kg	-	ND (430)	ND (370)	ND (390)	ND (420)	ND (380)	ND (510)	ND (380)	ND (370)	ND (390)
2-Chloronaphthalene	µg/kg	-	ND (430)	ND (370)	ND (390)	ND (420)	ND (380)	ND (510)	ND (380)	ND (370)	ND (390)
2-Chlorophenol	µg/kg	-	ND (430)	ND (370)	ND (390)	ND (420)	ND (380)	ND (510)	ND (380)	ND (370)	ND (390)
2-Methylnaphthalene	µg/kg	-	ND (430)	ND (370)	ND (390)	ND (420)	1800	ND (510)	380 J	ND (370)	ND (390)
2-Methylphenol	µg/kg	1000000	ND (430)	ND (370)	ND (390)	ND (420)	ND (380)	ND (510)	ND (380)	ND (370)	ND (390)
2-Nitroaniline	µg/kg	-	ND (1100)	ND (930)	ND (980)	ND (2200)	ND (2000)	ND (2600)	ND (2000)	ND (1900)	ND (2000)
2-Nitrophenol	µg/kg	-	ND (430)	ND (370)	ND (390)	ND (420)	ND (380)	ND (510)	ND (380)	ND (370)	ND (390)
3&4-Methylphenol	µg/kg	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	ND (430)	ND (370)	ND (390)	ND (420)	ND (380)	ND (510)	ND (380)	ND (370)	ND (390)

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*SS16*	*SS17*	*SS18*	*SS19*	*SS20*	*SS22*	*SS23*	*SS24*	*SS25*
Sample ID:			*SS16-A36*	*SS17-A36*	*SS18-A36*	*SS19-A54*	*SS20-A53*	*SS22-A54*	*SS23-A53*	*SS24-A56*	*SS25-A56*
Sample Date:			*10/19/1993*	*10/19/1993*	*10/19/1993*	*11/22/1993*	*11/22/1993*	*11/22/1993*	*11/22/1993*	*11/22/1993*	*11/22/1993*
Sample Depth:			*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*									
3-Nitroaniline	µg/kg	-	ND (1100)	ND (930)	ND (980)	ND (2200)	ND (2000)	ND (2600)	ND (2000)	ND (1900)	ND (2000)
4,6-Dinitro-2-methylphenol	µg/kg	-	ND (1100)	ND (930)	ND (980)	ND (2200)	ND (2000)	ND (2600)	ND (2000)	ND (1900)	ND (2000)
4-Bromophenyl phenyl ether	µg/kg	-	ND (430)	ND (370)	ND (390)	ND (420)	ND (380)	ND (510)	ND (380)	ND (370)	ND (390)
4-Chloro-3-methylphenol	µg/kg	-	ND (430)	140 J	ND (390)	ND (420)	ND (380)	ND (510)	ND (380)	ND (370)	ND (390)
4-Chloroaniline	µg/kg	-	ND (430)	ND (370)	ND (390)	ND (420)	ND (380)	ND (510)	ND (380)	ND (370)	ND (390)
4-Chlorophenyl phenyl ether	µg/kg	-	ND (430)	ND (370)	ND (390)	ND (420)	ND (380)	ND (510)	ND (380)	ND (370)	ND (390)
4-Methylphenol	µg/kg	1000000	ND (430)	ND (370)	ND (390)	ND (420)	ND (380)	ND (510)	ND (380)	ND (370)	ND (390)
4-Nitroaniline	µg/kg	-	ND (1100)	ND (930)	ND (980)	ND (2200)	ND (2000)	ND (2600)	ND (2000)	ND (1900)	ND (2000)
4-Nitrophenol	µg/kg	-	ND (1100)	ND (930)	ND (980)	ND (2200)	ND (2000)	ND (2600)	ND (2000)	ND (1900)	ND (2000)
Acenaphthene	µg/kg	1000000	ND (430)	ND (370)	ND (390)	ND (420)	2300	ND (510)	1200	ND (370)	ND (390)
Acenaphthylene	µg/kg	1000000	ND (430)	ND (370)	ND (390)	ND (420)	450	ND (510)	110 J	ND (370)	ND (390)
Acetophenone	µg/kg	-	-	-	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	110 J	ND (370)	ND (390)	ND (420)	20500	ND (510)	2200	ND (370)	ND (390)
Atrazine	µg/kg	-	-	-	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	300 J	190 J	140 J	ND (420)	**11800**	ND (510)	5300	ND (370)	ND (390)
Benzo(a)pyrene	µg/kg	1100	310 J	150 J	100 J	ND (420)	**8300**	ND (510)	**4800**	ND (370)	ND (390)
Benzo(b)fluoranthene	µg/kg	11000	440	280 J	170 J	94 J	**13800**	ND (510)	5600	110 J	ND (390)
Benzo(g,h,i)perylene	µg/kg	1000000	280 J	190 J	110 J	ND (420)	6500	ND (510)	2500	ND (370)	ND (390)
Benzo(k)fluoranthene	µg/kg	110000	210 J	190 J	96 J	94 J	17700	ND (510)	5400	ND (370)	ND (390)
Benzoic acid	µg/kg	-	-	-	-	ND (420)	ND (380)	ND (510)	ND (380)	ND (370)	ND (390)
Benzyl alcohol	µg/kg	-	-	-	-	ND (420)	ND (380)	ND (510)	ND (380)	ND (370)	ND (390)
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	ND (430)	ND (370)	ND (390)	ND (420)	ND (380)	ND (510)	ND (380)	ND (370)	ND (390)
bis(2-Chloroethyl)ether	µg/kg	-	ND (430)	ND (370)	ND (390)	ND (420)	ND (380)	ND (510)	ND (380)	ND (370)	ND (390)
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	190 J	480	120 J	ND (420)	ND (380)	ND (510)	160 J	ND (370)	ND (390)
Butyl benzylphthalate (BBP)	µg/kg	-	ND (430)	ND (370)	ND (390)	ND (420)	ND (380)	ND (510)	ND (380)	ND (370)	ND (390)
Caprolactam	µg/kg	-	-	-	-	-	-	-	-	-	-
Carbazole	µg/kg	-	ND (430)	ND (370)	ND (390)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Chrysene	µg/kg	110000	400 J	310 J	190 J	ND (420)	11100	ND (510)	5300	ND (370)	ND (390)
Dibenz(a,h)acridine	µg/kg	-	-	-	-	ND (420)	ND (380)	ND (510)	ND (380)	ND (370)	ND (390)
Dibenz(a,h)anthracene	µg/kg	1100	120 J	100 J	54 J	ND (420)	**2200**	ND (510)	1100	ND (370)	ND (390)
Dibenz(a,j)acridine	µg/kg	-	-	-	-	ND (420)	ND (380)	ND (510)	ND (380)	ND (370)	ND (390)
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	ND (420)	ND (380)	ND (510)	ND (380)	ND (370)	ND (390)
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	ND (420)	ND (380)	ND (510)	ND (380)	ND (370)	ND (390)
Dibenzofuran	µg/kg	1000000	ND (430)	ND (370)	ND (390)	ND (420)	1700	ND (510)	720	ND (370)	ND (390)
Diethyl phthalate	µg/kg	-	ND (430)	ND (370)	ND (390)	ND (420)	ND (380)	ND (510)	ND (380)	ND (370)	ND (390)
Dimethyl phthalate	µg/kg	-	ND (430)	ND (370)	ND (390)	ND (420)	ND (380)	ND (510)	ND (380)	ND (370)	ND (390)
Di-n-butylphthalate (DBP)	µg/kg	-	ND (430)	130 J	ND (390)	ND (420)	ND (380)	ND (510)	ND (380)	ND (370)	ND (390)
Di-n-octyl phthalate (DnOP)	µg/kg	-	2900	380	ND (390)	ND (420)	ND (380)	ND (510)	ND (380)	ND (370)	ND (390)
Fluoranthene	µg/kg	1000000	600	420	300 J	110 J	12200	ND (510)	ND (380)	130 J	ND (390)

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*SS16*	*SS17*	*SS18*	*SS19*	*SS20*	*SS22*	*SS23*	*SS24*	*SS25*
Sample ID:			*SS16-A36*	*SS17-A36*	*SS18-A36*	*SS19-A54*	*SS20-A53*	*SS22-A54*	*SS23-A53*	*SS24-A56*	*SS25-A56*
Sample Date:			*10/19/1993*	*10/19/1993*	*10/19/1993*	*11/22/1993*	*11/22/1993*	*11/22/1993*	*11/22/1993*	*11/22/1993*	*11/22/1993*
Sample Depth:			*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*									
Fluorene	µg/kg	1000000	ND (430)	ND (370)	ND (390)	ND (420)	3000	ND (510)	930	ND (370)	ND (390)
Hexachlorobenzene	µg/kg	12000	ND (430)	ND (370)	ND (390)	ND (420)	ND (380)	ND (510)	ND (380)	ND (370)	ND (390)
Hexachlorobutadiene	µg/kg	-	ND (430)	ND (370)	ND (390)	ND (420)	ND (380)	ND (510)	ND (380)	ND (370)	ND (390)
Hexachlorocyclopentadiene	µg/kg	-	ND (430)	ND (370)	ND (390)	ND (420)	ND (380)	ND (510)	ND (380)	ND (370)	ND (390)
Hexachloroethane	µg/kg	-	ND (430)	ND (370)	ND (390)	ND (420)	ND (380)	ND (510)	ND (380)	ND (370)	ND (390)
Indeno(1,2,3-cd)pyrene	µg/kg	11000	290 J	200 J	120 J	ND (420)	6000	ND (510)	2500	ND (370)	ND (390)
Isophorone	µg/kg	-	ND (430)	ND (370)	ND (390)	ND (420)	ND (380)	ND (510)	ND (380)	ND (370)	ND (390)
Naphthalene	µg/kg	1000000	ND (430)	ND (370)	ND (390)	ND (420)	2700	ND (510)	680	ND (370)	ND (390)
Nitrobenzene	µg/kg	140000	ND (430)	ND (370)	ND (390)	ND (420)	ND (380)	ND (510)	ND (380)	ND (370)	ND (390)
N-Nitrosodi-n-propylamine	µg/kg	-	ND (430)	ND (370)	ND (390)	ND (420)	ND (380)	ND (510)	ND (380)	ND (370)	ND (390)
N-Nitrosodiphenylamine	µg/kg	-	ND (430)	ND (370)	ND (390)	ND (420)	ND (380)	ND (510)	ND (380)	ND (370)	ND (390)
Pentachlorophenol	µg/kg	55000	ND (1100)	ND (930)	ND (980)	ND (2200)	ND (2000)	ND (2600)	ND (2000)	ND (1900)	ND (2000)
Phenanthrene	µg/kg	1000000	450	190 J	150 J	ND (420)	20800	ND (510)	7900	ND (370)	ND (390)
Phenol	µg/kg	1000000	360 J	1300	ND (390)	ND (420)	ND (380)	ND (510)	ND (380)	ND (370)	ND (390)
Pyrene	µg/kg	1000000	630	450	320 J	120 J	35200	ND (510)	1200	140 J	ND (390)
Metals											
Aluminum	µg/kg	-	4640000	6030000	2480000	4480000	4190000	11100000	4090000	4610000	4790000
Antimony	µg/kg	-	183000	152000	20600	ND (11700)	55200	ND (14100)	200000	ND (10300)	ND (11000)
Arsenic	µg/kg	16000	**69600**	**306000**	3600 S	**367000**	**305000**	**25700**	**208000**	11600	14700
Barium	µg/kg	10000000	133000 ENJ	96900 N	39500 ENJ	273000	403000	57800 B	251000	24500 B	35000 B
Beryllium	µg/kg	2700000	670	940	440 B	ND (260)	280 B	520 B	430 B	ND (220)	ND (240)
Cadmium	µg/kg	60000	19800	20000	16900	1100 B	1300	ND (1200)	19600	2600	3200
Calcium	µg/kg	-	17600000	47500000	38600000	37500000	5750000	23600000	6870000	61000000	59100000
Chromium	µg/kg	-	55800 EJ	48900	47600 EJ	12200	85400	32800	108000	19400	16000
Cobalt	µg/kg	-	71500 EJ	41500	57200 EJ	46300	117000	31300	66200	11200 B	10700 B
Copper	µg/kg	10000000	**160000000**	**20800000**	**105000000**	2160000	**22300000**	4440000	**28600000**	4830000	3020000
Iron	µg/kg	-	28000000	21500000	12400000	14000000	11900000	26600000	51000000	10600000	8700000
Lead	µg/kg	3900000	986000 EJ	559000	553000 EJ	887000	**4360000**	99900	2850000	140000	53700
Magnesium	µg/kg	-	22300000	11400000	31900000	1650000	2290000	2740000	2380000	6620000	14300000
Manganese	µg/kg	10000000	245000 EJ	174000	153000 EJ	121000	358000	208000	329000	115000	136000
Mercury	µg/kg	5700	270	240	260	400	3200	780	3000	350	380
Nickel	µg/kg	10000000	112000 EJ	151000	48100 EJ	44500	106000	775000	620000	80200	41600
Potassium	µg/kg	-	459000 B	1030000	442000 B	496000 B	248000 B	1210000 B	189000 B	488000 B	555000 B
Selenium	µg/kg	6800000	43000 BS	84700 S	20600 B	6100 B	14200	ND (920)	179000	1200	2000
Silver	µg/kg	6800000	76700 EN	96300 N	25700 EN	37200	11100	ND (2100)	124000	15600	5400
Sodium	µg/kg	-	827000	417000 B	1280000	ND (260000)	ND (478000)	ND (320000)	ND (234000)	ND (218000)	ND (211000)
Thallium	µg/kg	-	340 BJ	ND (110)	170 B	ND (1000)	ND (920)	ND (1200)	ND (930)	ND (2100)	ND (1100)
Vanadium	µg/kg	-	25900	27200	20500	11700 B	31300	31000	24800	11400	12100
Zinc	µg/kg	10000000	1150000 EJ	393000	446000 EJ	345000	4900000	959000	3190000	270000	230000

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*SS16*	*SS17*	*SS18*	*SS19*	*SS20*	*SS22*	*SS23*	*SS24*	*SS25*
Sample ID:			*SS16-A36*	*SS17-A36*	*SS18-A36*	*SS19-A54*	*SS20-A53*	*SS22-A54*	*SS23-A53*	*SS24-A56*	*SS25-A56*
Sample Date:			*10/19/1993*	*10/19/1993*	*10/19/1993*	*11/22/1993*	*11/22/1993*	*11/22/1993*	*11/22/1993*	*11/22/1993*	*11/22/1993*
Sample Depth:			*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*									
PCBs											
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (110)	ND (190)	ND (20)	ND (21)	ND (19)	ND (25)	ND (380)	ND (19)	ND (19)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (110)	ND (190)	ND (20)	ND (21)	ND (19)	ND (25)	ND (380)	ND (19)	ND (19)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (110)	ND (190)	ND (20)	ND (21)	ND (19)	ND (25)	ND (380)	ND (19)	ND (19)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (110)	ND (190)	ND (20)	ND (21)	ND (19)	ND (25)	ND (380)	ND (19)	ND (19)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (110)	3200	280	ND (21)	ND (19)	ND (25)	ND (380)	ND (19)	ND (19)
Aroclor-1254 (PCB-1254)	µg/kg	-	1500	3900	250	ND (21)	ND (19)	ND (25)	5800	49	ND (19)
Aroclor-1260 (PCB-1260)	µg/kg	-	990	2500	ND (20)	ND (21)	ND (19)	ND (25)	ND (380)	ND (19)	ND (19)
Total PCBs	µg/kg	-	2490	9600	530	ND	ND	ND	5800	49	ND
Pesticides											
4,4'-DDD	µg/kg	180000	ND (11)	ND (19)	ND (2.0)	ND (2.1)	ND (1.9)	ND (2.5)	ND (38)	ND (1.9)	ND (1.9)
4,4'-DDE	µg/kg	120000	ND (11)	ND (19)	ND (2.0)	ND (2.1)	ND (1.9)	ND (2.5)	ND (38)	ND (1.9)	ND (1.9)
4,4'-DDT	µg/kg	94000	ND (21)	ND (37)	ND (3.9)	ND (4.3)	ND (38)	ND (5.1)	ND (76)	ND (3.7)	R
Aldrin	µg/kg	1400	ND (8.5)	ND (15)	ND (1.6)	ND (1.7)	ND (1.5)	ND (2.0)	ND (30)	ND (1.5)	ND (1.5)
alpha-BHC	µg/kg	6800	ND (5.3)	ND (9.3)	ND (0.98)	ND (1.1)	ND (0.96)	ND (1.3)	ND (19)	ND (0.93)	ND (0.96)
alpha-Chlordane	µg/kg	47000	ND (11)	ND (19)	ND (2.0)	ND (2.1)	ND (1.9)	ND (2.5)	ND (38)	ND (1.9)	ND (1.9)
beta-BHC	µg/kg	14000	ND (11)	ND (19)	ND (2.0)	ND (2.1)	ND (1.9)	ND (2.5)	ND (38)	ND (1.9)	ND (1.9)
delta-BHC	µg/kg	1000000	ND (11)	ND (19)	ND (2.0)	ND (2.1)	ND (1.9)	ND (2.5)	ND (38)	ND (1.9)	ND (1.9)
Dieldrin	µg/kg	2800	ND (11)	ND (19)	ND (2.0)	ND (2.1)	ND (1.9)	ND (2.5)	ND (38)	ND (1.9)	ND (1.9)
Endosulfan I	µg/kg	920000	ND (11)	ND (19)	ND (2.0)	ND (2.1)	ND (1.9)	ND (2.5)	ND (38)	ND (1.9)	ND (1.9)
Endosulfan II	µg/kg	920000	ND (11)	ND (19)	ND (2.0)	ND (2.1)	ND (1.9)	ND (2.5)	ND (38)	ND (1.9)	ND (1.9)
Endosulfan sulfate	µg/kg	920000	ND (21)	ND (37)	ND (3.9)	ND (4.3)	ND (3.8)	ND (5.1)	ND (76)	ND (3.7)	ND (3.8)
Endrin	µg/kg	410000	ND (11)	ND (19)	ND (2.0)	ND (2.1)	ND (1.9)	ND (2.5)	ND (38)	ND (1.9)	ND (1.9)
Endrin aldehyde	µg/kg	-	ND (11)	ND (19)	ND (2.0)	ND (2.1)	R	R	R	R	ND (1.9)
Endrin ketone	µg/kg	-	ND (11)	ND (19)	ND (2.0)	ND (2.1)	ND (1.9)	ND (2.5)	ND (38)	ND (1.9)	ND (1.9)
gamma-BHC (lindane)	µg/kg	23000	ND (11)	ND (19)	ND (2.0)	ND (2.1)	ND (1.9)	ND (2.5)	ND (38)	ND (1.9)	ND (1.9)
gamma-Chlordane	µg/kg	-	ND (11)	ND (19)	ND (2.0)	ND (2.1)	ND (1.9)	ND (2.5)	ND (38)	ND (1.9)	ND (1.9)
Heptachlor	µg/kg	29000	ND (8.5)	ND (15)	ND (1.6)	ND (1.7)	ND (1.5)	ND (2.0)	ND (30)	ND (1.5)	ND (1.5)
Heptachlor epoxide	µg/kg	-	ND (21)	ND (37)	ND (3.9)	ND (4.3)	ND (3.8)	ND (5.1)	ND (76)	ND (3.7)	ND (3.8)
Methoxychlor	µg/kg	-	ND (85)	ND (150)	ND (16)	ND (17)	ND (15)	ND (20)	ND (300)	ND (15)	ND (15)
Toxaphene	µg/kg	-	ND (53)	ND (93)	ND (9.8)	ND (11)	ND (9.6)	ND (13)	ND (190)	ND (9.3)	ND (9.6)
Petroleum Hydrocarbons											
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*SS16*	*SS17*	*SS18*	*SS19*	*SS20*	*SS22*	*SS23*	*SS24*	*SS25*
Sample ID:			*SS16-A36*	*SS17-A36*	*SS18-A36*	*SS19-A54*	*SS20-A53*	*SS22-A54*	*SS23-A53*	*SS24-A56*	*SS25-A56*
Sample Date:			*10/19/1993*	*10/19/1993*	*10/19/1993*	*11/22/1993*	*11/22/1993*	*11/22/1993*	*11/22/1993*	*11/22/1993*	*11/22/1993*
Sample Depth:			*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*									
General Chemistry											
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	ND (1300)	ND (1100)	ND (1200)	ND (1300)	1700	ND (1500)	ND (1200)	ND (1100)	2700
Nitrogen	µg/kg	-	-	-	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	ND (1300000)	ND (1100000)	ND (1200000)	4200000	11900000	855000	3030000	645000	641000
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	160000	790000	ND (56000)	2790000	8320000	462000	2090000	409000	432000
Total solids	%	-	-	-	-	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-	-	-	-	-

Notes:

greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

(Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*SS25M*	*SS25S*	*SS26*	*TP-1 (A1)*	*TP-1 (A2)*	*TP-1 (A3)*	*TP-1 (Center)*
Sample ID:			*PD-S-SS25M-A-56*	*PD-S-SS25S-A-56*	*SS26-A56*	*S-091103-SD-12*	*S-091103-SD-17*	*S-091503-SD-23*	*S-091003-SD-01*
Sample Date:			*11/22/1993*	*11/22/1993*	*11/22/1993*	*9/11/2003*	*9/11/2003*	*9/15/2003*	*9/10/2003*
Sample Depth:			*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							
Volatiles									
1,1,1-Trichloroethane	µg/kg	1000000	ND (62)	ND (58)	ND (12)	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	ND (62)	ND (58)	ND (12)	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	ND (62)	ND (58)	ND (12)	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	ND (62)	ND (58)	ND (12)	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	ND (62)	ND (58)	ND (12)	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	ND (62)	ND (58)	ND (12)	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	ND (62)	ND (58)	ND (12)	-	-	-	-
1,2-Dichloropropane	µg/kg	-	ND (62)	ND (58)	ND (12)	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	ND (62)	ND (58)	ND (12)	-	-	-	-
2-Hexanone	µg/kg	-	ND (62)	ND (58)	ND (12)	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	ND (62)	ND (58)	ND (12)	-	-	-	-
Acetone	µg/kg	1000000	ND (220)	ND (270)	ND (12)	-	-	-	-
Benzene	µg/kg	89000	ND (62)	ND (58)	ND (12)	-	-	-	-
Bromodichloromethane	µg/kg	-	ND (62)	ND (58)	ND (12)	-	-	-	-
Bromoform	µg/kg	-	ND (62)	ND (58)	ND (12)	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	ND (62)	ND (58)	ND (12)	-	-	-	-
Carbon disulfide	µg/kg	-	34 J	ND (58)	ND (12)	-	-	-	-
Carbon tetrachloride	µg/kg	44000	ND (62)	ND (58)	ND (12)	-	-	-	-
Chlorobenzene	µg/kg	1000000	ND (62)	ND (58)	ND (12)	-	-	-	-
Chloroethane	µg/kg	-	ND (62)	ND (58)	ND (12)	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	ND (62)	ND (58)	ND (12)	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	ND (62)	ND (58)	ND (12)	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	ND (62)	ND (58)	ND (12)	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	ND (62)	ND (58)	ND (12)	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	ND (62)	ND (58)	ND (12)	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*SS25M*	*SS25S*	*SS26*	*TP-1 (A1)*	*TP-1 (A2)*	*TP-1 (A3)*	*TP-1 (Center)*
Sample ID:			*PD-S-SS25M-A-56*	*PD-S-SS25S-A-56*	*SS26-A56*	*S-091103-SD-12*	*S-091103-SD-17*	*S-091503-SD-23*	*S-091003-SD-01*
Sample Date:			*11/22/1993*	*11/22/1993*	*11/22/1993*	*9/11/2003*	*9/11/2003*	*9/15/2003*	*9/10/2003*
Sample Depth:			*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							
Methyl acetate	µg/kg	-	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	ND (62)	140	ND (12)	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-	-
Styrene	µg/kg	-	ND (62)	ND (58)	ND (12)	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	ND (62)	ND (58)	ND (12)	-	-	-	-
Toluene	µg/kg	1000000	ND (62)	17 J	ND (12)	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	ND (62)	ND (58)	ND (12)	-	-	-	-
Trichloroethene	µg/kg	400000	ND (62)	ND (58)	ND (12)	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	ND (62)	ND (58)	ND (12)	-	-	-	-
Xylenes (total)	µg/kg	1000000	ND (62)	ND (58)	ND (12)	-	-	-	-
Semi-Volatiles									
1,2,4-Trichlorobenzene	µg/kg	-	-	-	ND (390)	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	ND (390)	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	ND (390)	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	ND (390)	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	ND (390)	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	ND (2000)	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	ND (390)	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	ND (390)	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	ND (390)	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	ND (2000)	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	ND (390)	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	ND (390)	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	ND (390)	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	ND (390)	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	ND (390)	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	ND (390)	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	ND (2000)	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	ND (390)	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	ND (390)	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*SS25M*	*SS25S*	*SS26*	*TP-1 (A1)*	*TP-1 (A2)*	*TP-1 (A3)*	*TP-1 (Center)*
Sample ID:			*PD-S-SS25M-A-56*	*PD-S-SS25S-A-56*	*SS26-A56*	*S-091103-SD-12*	*S-091103-SD-17*	*S-091503-SD-23*	*S-091003-SD-01*
Sample Date:			*11/22/1993*	*11/22/1993*	*11/22/1993*	*9/11/2003*	*9/11/2003*	*9/15/2003*	*9/10/2003*
Sample Depth:			*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							
3-Nitroaniline	µg/kg	-	-	-	ND (2000)	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	ND (2000)	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	ND (390)	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	ND (390)	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	ND (390)	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	ND (390)	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	ND (390)	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	ND (2000)	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	ND (2000)	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	ND (390)	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	ND (390)	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	ND (390)	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	100 J	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	150 J	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	150 J	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	110 J	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	130 J	-	-	-	-
Benzoic acid	µg/kg	-	-	-	ND (390)	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	ND (390)	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	ND (390)	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	ND (390)	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	ND (390)	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	ND (390)	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	ND (330)	-	-	-	-
Chrysene	µg/kg	110000	-	-	120 J	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	ND (390)	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	ND (390)	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	ND (390)	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	ND (390)	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	ND (390)	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	ND (390)	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	ND (390)	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	ND (390)	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	ND (390)	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	ND (390)	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	190 J	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*SS25M*	*SS25S*	*SS26*	*TP-1 (A1)*	*TP-1 (A2)*	*TP-1 (A3)*	*TP-1 (Center)*
Sample ID:			*PD-S-SS25M-A-56*	*PD-S-SS25S-A-56*	*SS26-A56*	*S-091103-SD-12*	*S-091103-SD-17*	*S-091503-SD-23*	*S-091003-SD-01*
Sample Date:			*11/22/1993*	*11/22/1993*	*11/22/1993*	*9/11/2003*	*9/11/2003*	*9/15/2003*	*9/10/2003*
Sample Depth:			*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							
Fluorene	µg/kg	1000000	-	-	ND (390)	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	ND (390)	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	ND (390)	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	ND (390)	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	ND (390)	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	ND (390)	-	-	-	-
Isophorone	µg/kg	-	-	-	ND (390)	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	ND (390)	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	ND (390)	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	ND (390)	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	ND (390)	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	ND (2000)	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	80 J	-	-	-	-
Phenol	µg/kg	1000000	-	-	ND (390)	-	-	-	-
Pyrene	µg/kg	1000000	-	-	210 J	-	-	-	-
Metals									
Aluminum	µg/kg	-	-	-	3580000	-	-	-	-
Antimony	µg/kg	-	-	-	13000 B	-	-	-	-
Arsenic	µg/kg	16000	-	-	**54500**	-	-	-	-
Barium	µg/kg	10000000	-	-	82700	-	-	-	-
Beryllium	µg/kg	2700000	-	-	570 B	-	-	-	-
Cadmium	µg/kg	60000	-	-	2400	-	-	-	-
Calcium	µg/kg	-	-	-	6080000	-	-	-	-
Chromium	µg/kg	-	-	-	15800	-	-	-	-
Cobalt	µg/kg	-	-	-	17100	-	-	-	-
Copper	µg/kg	10000000	-	-	**14100000**	-	-	-	-
Iron	µg/kg	-	-	-	26200000	-	-	-	-
Lead	µg/kg	3900000	-	-	511000	-	-	-	-
Magnesium	µg/kg	-	-	-	2250000	-	-	-	-
Manganese	µg/kg	10000000	-	-	174000	-	-	-	-
Mercury	µg/kg	5700	-	-	1200	-	-	-	-
Nickel	µg/kg	10000000	-	-	83400	-	-	-	-
Potassium	µg/kg	-	-	-	173000 B	-	-	-	-
Selenium	µg/kg	6800000	-	-	R	-	-	-	-
Silver	µg/kg	6800000	-	-	4300	-	-	-	-
Sodium	µg/kg	-	-	-	ND (186000)	-	-	-	-
Thallium	µg/kg	-	-	-	ND (950)	-	-	-	-
Vanadium	µg/kg	-	-	-	18600	-	-	-	-
Zinc	µg/kg	10000000	-	-	428000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*SS25M*	*SS25S*	*SS26*	*TP-1 (A1)*	*TP-1 (A2)*	*TP-1 (A3)*	*TP-1 (Center)*
Sample ID:			*PD-S-SS25M-A-56*	*PD-S-SS25S-A-56*	*SS26-A56*	*S-091103-SD-12*	*S-091103-SD-17*	*S-091503-SD-23*	*S-091003-SD-01*
Sample Date:			*11/22/1993*	*11/22/1993*	*11/22/1993*	*9/11/2003*	*9/11/2003*	*9/15/2003*	*9/10/2003*
Sample Depth:			*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							
PCBs									
Aroclor-1016 (PCB-1016)	µg/kg	-	-	-	ND (20)	ND (560)	ND (570)	ND (560)	ND (570)
Aroclor-1221 (PCB-1221)	µg/kg	-	-	-	ND (20)	ND (1100)	ND (1100)	ND (1100)	ND (1100)
Aroclor-1232 (PCB-1232)	µg/kg	-	-	-	ND (20)	ND (560)	ND (570)	ND (560)	ND (570)
Aroclor-1242 (PCB-1242)	µg/kg	-	-	-	ND (20)	ND (560)	ND (570)	ND (560)	ND (570)
Aroclor-1248 (PCB-1248)	µg/kg	-	-	-	ND (20)	ND (560)	2800	1200 J	2100
Aroclor-1254 (PCB-1254)	µg/kg	-	-	-	140	3500	3000 J	2200 J	4300
Aroclor-1260 (PCB-1260)	µg/kg	-	-	-	ND (20)	ND (560)	ND (570)	ND (560)	ND (570)
Total PCBs	µg/kg	-	-	-	140	3500	5800	3400	6400
Pesticides									
4,4'-DDD	µg/kg	180000	-	-	ND (2.0)	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	ND (2.0)	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	ND (4.0)	-	-	-	-
Aldrin	µg/kg	1400	-	-	ND (1.6)	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	ND (1.0)	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	ND (2.0)	-	-	-	-
beta-BHC	µg/kg	14000	-	-	ND (2.0)	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	ND (2.0)	-	-	-	-
Dieldrin	µg/kg	2800	-	-	ND (2.0)	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	ND (2.0)	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	ND (2.0)	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	ND (4.0)	-	-	-	-
Endrin	µg/kg	410000	-	-	ND (2.0)	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	ND (2.0)	-	-	-	-
Endrin ketone	µg/kg	-	-	-	ND (2.0)	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	ND (2.0)	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	ND (2.0)	-	-	-	-
Heptachlor	µg/kg	29000	-	-	ND (1.6)	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	ND (4.0)	-	-	-	-
Methoxychlor	µg/kg	-	-	-	ND (16)	-	-	-	-
Toxaphene	µg/kg	-	-	-	ND (10)	-	-	-	-
Petroleum Hydrocarbons									
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*SS25M*	*SS25S*	*SS26*	*TP-1 (A1)*	*TP-1 (A2)*	*TP-1 (A3)*	*TP-1 (Center)*
Sample ID:			*PD-S-SS25M-A-56*	*PD-S-SS25S-A-56*	*SS26-A56*	*S-091103-SD-12*	*S-091103-SD-17*	*S-091503-SD-23*	*S-091003-SD-01*
Sample Date:			*11/22/1993*	*11/22/1993*	*11/22/1993*	*9/11/2003*	*9/11/2003*	*9/15/2003*	*9/10/2003*
Sample Depth:			*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							
General Chemistry									
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	ND (1200)	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	3940000	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	2870000	-	-	-	-
Total solids	%	-	-	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-	-	-

Notes:

greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

(Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Box 1*	*U Area-Box 2*	*U Area-Box 3*	*U Area-Box 5*	*U Area-Box 9*	*U Area-Box 10*	*U Area-Box 11*
Sample ID:			*S-012904-SW-001*	*S-012904-SW-002*	*S-012904-SW-003*	*S-012904-SW-005*	*S-012904-SW-009*	*S-012904-SW-010*	*S-012904-SW-011*
Sample Date:			*1/29/2004*	*1/29/2004*	*1/29/2004*	*1/29/2004*	*1/29/2004*	*1/29/2004*	*1/29/2004*
Sample Depth:			*-*	*-*	*-*	*-*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*							
Volatiles									
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Box 1*	*U Area-Box 2*	*U Area-Box 3*	*U Area-Box 5*	*U Area-Box 9*	*U Area-Box 10*	*U Area-Box 11*
Sample ID:			*S-012904-SW-001*	*S-012904-SW-002*	*S-012904-SW-003*	*S-012904-SW-005*	*S-012904-SW-009*	*S-012904-SW-010*	*S-012904-SW-011*
Sample Date:			*1/29/2004*	*1/29/2004*	*1/29/2004*	*1/29/2004*	*1/29/2004*	*1/29/2004*	*1/29/2004*
Sample Depth:			*-*	*-*	*-*	*-*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*							
Methyl acetate	µg/kg	-	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-	-	-
Semi-Volatiles									
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Box 1*	*U Area-Box 2*	*U Area-Box 3*	*U Area-Box 5*	*U Area-Box 9*	*U Area-Box 10*	*U Area-Box 11*
Sample ID:			*S-012904-SW-001*	*S-012904-SW-002*	*S-012904-SW-003*	*S-012904-SW-005*	*S-012904-SW-009*	*S-012904-SW-010*	*S-012904-SW-011*
Sample Date:			*1/29/2004*	*1/29/2004*	*1/29/2004*	*1/29/2004*	*1/29/2004*	*1/29/2004*	*1/29/2004*
Sample Depth:			*-*	*-*	*-*	*-*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*							
3-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Box 1*	*U Area-Box 2*	*U Area-Box 3*	*U Area-Box 5*	*U Area-Box 9*	*U Area-Box 10*	*U Area-Box 11*
Sample ID:			*S-012904-SW-001*	*S-012904-SW-002*	*S-012904-SW-003*	*S-012904-SW-005*	*S-012904-SW-009*	*S-012904-SW-010*	*S-012904-SW-011*
Sample Date:			*1/29/2004*	*1/29/2004*	*1/29/2004*	*1/29/2004*	*1/29/2004*	*1/29/2004*	*1/29/2004*
Sample Depth:			*-*	*-*	*-*	*-*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*							
Fluorene	µg/kg	1000000	-	-	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-	-	-
Metals									
Aluminum	µg/kg	-	-	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-	-	-
Mercury	µg/kg	5700	**562000**	**190000**	**182000**	**127000**	**294000**	**120000**	**541000**
Nickel	µg/kg	10000000	-	-	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Box 1*	*U Area-Box 2*	*U Area-Box 3*	*U Area-Box 5*	*U Area-Box 9*	*U Area-Box 10*	*U Area-Box 11*
Sample ID:			*S-012904-SW-001*	*S-012904-SW-002*	*S-012904-SW-003*	*S-012904-SW-005*	*S-012904-SW-009*	*S-012904-SW-010*	*S-012904-SW-011*
Sample Date:			*1/29/2004*	*1/29/2004*	*1/29/2004*	*1/29/2004*	*1/29/2004*	*1/29/2004*	*1/29/2004*
Sample Depth:			*-*	*-*	*-*	*-*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*							
PCBs									
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (610)	-	-	-	-	ND (620)	-
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (610)	-	-	-	-	ND (620)	-
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (610)	-	-	-	-	ND (620)	-
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (610)	-	-	-	-	ND (620)	-
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (610)	-	-	-	-	ND (620)	-
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (3100)	-	-	-	-	ND (620) UJ	-
Aroclor-1260 (PCB-1260)	µg/kg	-	20000	-	-	-	-	3000	-
Total PCBs	µg/kg	-	20000	-	-	-	-	3000	-
Pesticides									
4,4'-DDD	µg/kg	180000	-	-	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-	-	-
Petroleum Hydrocarbons									
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Box 1*	*U Area-Box 2*	*U Area-Box 3*	*U Area-Box 5*	*U Area-Box 9*	*U Area-Box 10*	*U Area-Box 11*
Sample ID:			*S-012904-SW-001*	*S-012904-SW-002*	*S-012904-SW-003*	*S-012904-SW-005*	*S-012904-SW-009*	*S-012904-SW-010*	*S-012904-SW-011*
Sample Date:			*1/29/2004*	*1/29/2004*	*1/29/2004*	*1/29/2004*	*1/29/2004*	*1/29/2004*	*1/29/2004*
Sample Depth:			*-*	*-*	*-*	*-*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*							
General Chemistry									
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-	-	-

Notes:

greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

(Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Box 13*	*U Area-Box 14*	*U Area-Box 16*	*U Area-Box 17*	*U Area-Grid 21*	*U Area-Grids 21, 22, 23*
Sample ID:			*S-012904-SW-013*	*S-012904-SW-014*	*S-012904-SW-016*	*S-012904-SW-017*	*S-JSH-325*	*S-2939-4-8-03-SW-030*
Sample Date:			*1/29/2004*	*1/29/2004*	*1/29/2004*	*1/29/2004*	*6/23/2000*	*4/8/2003*
Sample Depth:			*-*	*-*	*-*	*-*	*0-0.1 ft BGS*	*-*
Parameter	*Units*	*RUSCO Criteria*						
Volatiles								
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Box 13*	*U Area-Box 14*	*U Area-Box 16*	*U Area-Box 17*	*U Area-Grid 21*	*U Area-Grids 21, 22, 23*
Sample ID:			*S-012904-SW-013*	*S-012904-SW-014*	*S-012904-SW-016*	*S-012904-SW-017*	*S-JSH-325*	*S-2939-4-8-03-SW-030*
Sample Date:			*1/29/2004*	*1/29/2004*	*1/29/2004*	*1/29/2004*	*6/23/2000*	*4/8/2003*
Sample Depth:			*-*	*-*	*-*	*-*	*0-0.1 ft BGS*	*-*
Parameter	*Units*	*RUSCO Criteria*						
Methyl acetate	µg/kg	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-	-
Semi-Volatiles								
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Box 13*	*U Area-Box 14*	*U Area-Box 16*	*U Area-Box 17*	*U Area-Grid 21*	*U Area-Grids 21, 22, 23*
Sample ID:			*S-012904-SW-013*	*S-012904-SW-014*	*S-012904-SW-016*	*S-012904-SW-017*	*S-JSH-325*	*S-2939-4-8-03-SW-030*
Sample Date:			*1/29/2004*	*1/29/2004*	*1/29/2004*	*1/29/2004*	*6/23/2000*	*4/8/2003*
Sample Depth:			*-*	*-*	*-*	*-*	*0-0.1 ft BGS*	*-*
Parameter	*Units*	*RUSCO Criteria*						
3-Nitroaniline	µg/kg	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Box 13*	*U Area-Box 14*	*U Area-Box 16*	*U Area-Box 17*	*U Area-Grid 21*	*U Area-Grids 21, 22, 23*
Sample ID:			*S-012904-SW-013*	*S-012904-SW-014*	*S-012904-SW-016*	*S-012904-SW-017*	*S-JSH-325*	*S-2939-4-8-03-SW-030*
Sample Date:			*1/29/2004*	*1/29/2004*	*1/29/2004*	*1/29/2004*	*6/23/2000*	*4/8/2003*
Sample Depth:			*-*	*-*	*-*	*-*	*0-0.1 ft BGS*	*-*
Parameter	*Units*	*RUSCO Criteria*						
Fluorene	µg/kg	1000000	-	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-	-
Metals								
Aluminum	µg/kg	-	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-	-
Mercury	µg/kg	5700	**130000**	**314000**	**69500**	**394000**	-	-
Nickel	µg/kg	10000000	-	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Box 13*	*U Area-Box 14*	*U Area-Box 16*	*U Area-Box 17*	*U Area-Grid 21*	*U Area-Grids 21, 22, 23*
Sample ID:			*S-012904-SW-013*	*S-012904-SW-014*	*S-012904-SW-016*	*S-012904-SW-017*	*S-JSH-325*	*S-2939-4-8-03-SW-030*
Sample Date:			*1/29/2004*	*1/29/2004*	*1/29/2004*	*1/29/2004*	*6/23/2000*	*4/8/2003*
Sample Depth:			*-*	*-*	*-*	*-*	*0-0.1 ft BGS*	*-*
Parameter	*Units*	*RUSCO Criteria*						
PCBs								
Aroclor-1016 (PCB-1016)	µg/kg	-	-	-	-	-	ND (170000)	-
Aroclor-1221 (PCB-1221)	µg/kg	-	-	-	-	-	ND (340000)	-
Aroclor-1232 (PCB-1232)	µg/kg	-	-	-	-	-	ND (170000)	-
Aroclor-1242 (PCB-1242)	µg/kg	-	-	-	-	-	ND (170000)	-
Aroclor-1248 (PCB-1248)	µg/kg	-	-	-	-	-	ND (170000)	-
Aroclor-1254 (PCB-1254)	µg/kg	-	-	-	-	-	1100000	-
Aroclor-1260 (PCB-1260)	µg/kg	-	-	-	-	-	ND (170000)	-
Total PCBs	µg/kg	-	-	-	-	-	1100000	-
Pesticides								
4,4'-DDD	µg/kg	180000	-	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-	-
Petroleum Hydrocarbons								
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	ND (240)
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	640000
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Box 13*	*U Area-Box 14*	*U Area-Box 16*	*U Area-Box 17*	*U Area-Grid 21*	*U Area-Grids 21, 22, 23*
Sample ID:			*S-012904-SW-013*	*S-012904-SW-014*	*S-012904-SW-016*	*S-012904-SW-017*	*S-JSH-325*	*S-2939-4-8-03-SW-030*
Sample Date:			*1/29/2004*	*1/29/2004*	*1/29/2004*	*1/29/2004*	*6/23/2000*	*4/8/2003*
Sample Depth:			*-*	*-*	*-*	*-*	*0-0.1 ft BGS*	*-*
Parameter	*Units*	*RUSCO Criteria*						
General Chemistry								
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	ND (304000)
Cyanide (total)	µg/kg	10000000	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-	ND (6080)
Oil and grease	µg/kg	-	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	292000
Percent moisture	%	-	-	-	-	-	-	17.8
pH	s.u.	-	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	10.5
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	97	82.2
Total volatile solids	%	-	-	-	-	-	-	2.6

Notes:

greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

(Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 21 (North Subgrid)*	*U Area-Grid 21 (South Subgrid)*	*U Area-Grid 22*	*U Area-Grid 22*	*U Area-Grid 22 (North Subgrid)*
Sample ID:			*S-2939-4-8-03-SW-026*	*S-2939-4-8-03-SW-025*	*S-JSH-333*	*S-JSH-334*	*S-2939-4-8-03-SW-028*
Sample Date:			*4/8/2003*	*4/8/2003*	*6/23/2000*	*6/23/2000*	*4/8/2003*
Sample Depth:			*-*	*-*	*0-0.1 ft BGS*	*0-0.1 ft BGS*	*-*
		RUSCO				*Duplicate*	
Parameter	*Units*	*Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 21 (North Subgrid)*	*U Area-Grid 21 (South Subgrid)*	*U Area-Grid 22*	*U Area-Grid 22*	*U Area-Grid 22 (North Subgrid)*
Sample ID:			*S-2939-4-8-03-SW-026*	*S-2939-4-8-03-SW-025*	*S-JSH-333*	*S-JSH-334*	*S-2939-4-8-03-SW-028*
Sample Date:			*4/8/2003*	*4/8/2003*	*6/23/2000*	*6/23/2000*	*4/8/2003*
Sample Depth:			*-*	*-*	*0-0.1 ft BGS*	*0-0.1 ft BGS*	*-*
		RUSCO				*Duplicate*	
Parameter	*Units*	*Criteria*					
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 21 (North Subgrid)*	*U Area-Grid 21 (South Subgrid)*	*U Area-Grid 22*	*U Area-Grid 22*	*U Area-Grid 22 (North Subgrid)*
Sample ID:			*S-2939-4-8-03-SW-026*	*S-2939-4-8-03-SW-025*	*S-JSH-333*	*S-JSH-334*	*S-2939-4-8-03-SW-028*
Sample Date:			*4/8/2003*	*4/8/2003*	*6/23/2000*	*6/23/2000*	*4/8/2003*
Sample Depth:			*-*	*-*	*0-0.1 ft BGS*	*0-0.1 ft BGS*	*-*
		RUSCO				*Duplicate*	
Parameter	*Units*	*Criteria*					
3-Nitroaniline	µg/kg	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 21 (North Subgrid)*	*U Area-Grid 21 (South Subgrid)*	*U Area-Grid 22*	*U Area-Grid 22*	*U Area-Grid 22 (North Subgrid)*
Sample ID:			*S-2939-4-8-03-SW-026*	*S-2939-4-8-03-SW-025*	*S-JSH-333*	*S-JSH-334*	*S-2939-4-8-03-SW-028*
Sample Date:			*4/8/2003*	*4/8/2003*	*6/23/2000*	*6/23/2000*	*4/8/2003*
Sample Depth:			*-*	*-*	*0-0.1 ft BGS*	*0-0.1 ft BGS*	*-*
		RUSCO				*Duplicate*	
Parameter	*Units*	*Criteria*					
Fluorene	µg/kg	1000000	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-
Metals							
Aluminum	µg/kg	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 21 (North Subgrid)*	*U Area-Grid 21 (South Subgrid)*	*U Area-Grid 22*	*U Area-Grid 22*	*U Area-Grid 22 (North Subgrid)*
Sample ID:			*S-2939-4-8-03-SW-026*	*S-2939-4-8-03-SW-025*	*S-JSH-333*	*S-JSH-334*	*S-2939-4-8-03-SW-028*
Sample Date:			*4/8/2003*	*4/8/2003*	*6/23/2000*	*6/23/2000*	*4/8/2003*
Sample Depth:			*-*	*-*	*0-0.1 ft BGS*	*0-0.1 ft BGS*	*-*
		RUSCO				*Duplicate*	
Parameter	*Units*	*Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (5800)	ND (6000)	ND (34000)	ND (34000)	ND (5900)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (12000)	ND (12000)	ND (69000)	ND (69000)	ND (12000)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (5800)	ND (6000)	ND (34000)	ND (34000)	ND (5900)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (5800)	ND (6000)	ND (34000)	ND (34000)	ND (5900)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (5800)	ND (6000)	ND (34000)	ND (34000)	ND (5900)
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (5800)	7700	140000	180000	ND (5900)
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (5800)	ND (6000)	ND (34000)	ND (34000)	ND (5900)
Total PCBs	µg/kg	-	ND	7700	140000	180000	ND
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 21 (North Subgrid)*	*U Area-Grid 21 (South Subgrid)*	*U Area-Grid 22*	*U Area-Grid 22*	*U Area-Grid 22 (North Subgrid)*
Sample ID:			*S-2939-4-8-03-SW-026*	*S-2939-4-8-03-SW-025*	*S-JSH-333*	*S-JSH-334*	*S-2939-4-8-03-SW-028*
Sample Date:			*4/8/2003*	*4/8/2003*	*6/23/2000*	*6/23/2000*	*4/8/2003*
Sample Depth:			*-*	*-*	*0-0.1 ft BGS*	*0-0.1 ft BGS*	*-*
		RUSCO				*Duplicate*	
Parameter	*Units*	*Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	-	96.6	96.6	-
Total volatile solids	%	-	-	-	-	-	-

Notes:

greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

(Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 22 (North Subgrid)*	*U Area-Grid 22 (South Subgrid)*	*U Area-Grid 23*	*U Area-Grid 23 (Center)*	*U Area-Grid 23 (NE Corner)*
Sample ID:			*S-2939-4-8-03-SW-029*	*S-2939-4-8-03-SW-027*	*S-JSH-345*	*S-111503-SW-012*	*S-111703-SW-005*
Sample Date:			*4/8/2003*	*4/8/2003*	*6/23/2000*	*11/15/2003*	*11/17/2003*
Sample Depth:			*-*	*-*	*0-0.1 ft BGS*	*1.5 ft*	*1.5 ft*
Parameter	*Units*	*RUSCO Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 22 (North Subgrid)*	*U Area-Grid 22 (South Subgrid)*	*U Area-Grid 23*	*U Area-Grid 23 (Center)*	*U Area-Grid 23 (NE Corner)*
Sample ID:			*S-2939-4-8-03-SW-029*	*S-2939-4-8-03-SW-027*	*S-JSH-345*	*S-111503-SW-012*	*S-111703-SW-005*
Sample Date:			*4/8/2003*	*4/8/2003*	*6/23/2000*	*11/15/2003*	*11/17/2003*
Sample Depth:			*-*	*-*	*0-0.1 ft BGS*	*1.5 ft*	*1.5 ft*
Parameter	*Units*	*RUSCO Criteria*					
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 22 (North Subgrid)*	*U Area-Grid 22 (South Subgrid)*	*U Area-Grid 23*	*U Area-Grid 23 (Center)*	*U Area-Grid 23 (NE Corner)*
Sample ID:			*S-2939-4-8-03-SW-029*	*S-2939-4-8-03-SW-027*	*S-JSH-345*	*S-111503-SW-012*	*S-111703-SW-005*
Sample Date:			*4/8/2003*	*4/8/2003*	*6/23/2000*	*11/15/2003*	*11/17/2003*
Sample Depth:			*-*	*-*	*0-0.1 ft BGS*	*1.5 ft*	*1.5 ft*
Parameter	*Units*	*RUSCO Criteria*					
3-Nitroaniline	µg/kg	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 22 (North Subgrid)*	*U Area-Grid 22 (South Subgrid)*	*U Area-Grid 23*	*U Area-Grid 23 (Center)*	*U Area-Grid 23 (NE Corner)*
Sample ID:			*S-2939-4-8-03-SW-029*	*S-2939-4-8-03-SW-027*	*S-JSH-345*	*S-111503-SW-012*	*S-111703-SW-005*
Sample Date:			*4/8/2003*	*4/8/2003*	*6/23/2000*	*11/15/2003*	*11/17/2003*
Sample Depth:			*-*	*-*	*0-0.1 ft BGS*	*1.5 ft*	*1.5 ft*
Parameter	*Units*	*RUSCO Criteria*					
Fluorene	µg/kg	1000000	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-
Metals							
Aluminum	µg/kg	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 22 (North Subgrid)*	*U Area-Grid 22 (South Subgrid)*	*U Area-Grid 23*	*U Area-Grid 23 (Center)*	*U Area-Grid 23 (NE Corner)*
Sample ID:			*S-2939-4-8-03-SW-029*	*S-2939-4-8-03-SW-027*	*S-JSH-345*	*S-111503-SW-012*	*S-111703-SW-005*
Sample Date:			*4/8/2003*	*4/8/2003*	*6/23/2000*	*11/15/2003*	*11/17/2003*
Sample Depth:			*-*	*-*	*0-0.1 ft BGS*	*1.5 ft*	*1.5 ft*
Parameter	*Units*	*RUSCO Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (6500)	ND (5900)	ND (3500)	ND (640)	ND (660)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (13000)	ND (12000)	ND (7100)	ND (640)	ND (660)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (6500)	ND (5900)	ND (3500)	ND (640)	ND (660)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (6500)	ND (5900)	ND (3500)	ND (640)	ND (660)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (6500)	ND (5900)	ND (3500)	ND (640)	ND (660)
Aroclor-1254 (PCB-1254)	µg/kg	-	18000	3000 J	50000	3500	1400
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (6500)	ND (5900)	8000	ND (640)	ND (660)
Total PCBs	µg/kg	-	18000	3000	58000	3500	1400
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 22 (North Subgrid)*	*U Area-Grid 22 (South Subgrid)*	*U Area-Grid 23*	*U Area-Grid 23 (Center)*	*U Area-Grid 23 (NE Corner)*
Sample ID:			*S-2939-4-8-03-SW-029*	*S-2939-4-8-03-SW-027*	*S-JSH-345*	*S-111503-SW-012*	*S-111703-SW-005*
Sample Date:			*4/8/2003*	*4/8/2003*	*6/23/2000*	*11/15/2003*	*11/17/2003*
Sample Depth:			*-*	*-*	*0-0.1 ft BGS*	*1.5 ft*	*1.5 ft*
Parameter	*Units*	*RUSCO Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	-	94.3	-	-
Total volatile solids	%	-	-	-	-	-	-

Notes:

greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

(Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 23 (NW Corner)*	*U Area-Grid 23 (SE Corner)*	*U Area-Grid 23 (SW Corner)*	*U Area-Grid 24*	*U Area-Grid 24*
Sample ID:			*S-111703-SW-006*	*S-111703-SW-007*	*S-111703-SW-008*	*S-JSH-346*	*S-JSH-328*
Sample Date:			*11/17/2003*	*11/17/2003*	*11/17/2003*	*6/23/2000*	*6/23/2000*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*0-0.1 ft BGS*	*1-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 23 (NW Corner)*	*U Area-Grid 23 (SE Corner)*	*U Area-Grid 23 (SW Corner)*	*U Area-Grid 24*	*U Area-Grid 24*
Sample ID:			*S-111703-SW-006*	*S-111703-SW-007*	*S-111703-SW-008*	*S-JSH-346*	*S-JSH-328*
Sample Date:			*11/17/2003*	*11/17/2003*	*11/17/2003*	*6/23/2000*	*6/23/2000*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*0-0.1 ft BGS*	*1-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 23 (NW Corner)*	*U Area-Grid 23 (SE Corner)*	*U Area-Grid 23 (SW Corner)*	*U Area-Grid 24*	*U Area-Grid 24*
Sample ID:			*S-111703-SW-006*	*S-111703-SW-007*	*S-111703-SW-008*	*S-JSH-346*	*S-JSH-328*
Sample Date:			*11/17/2003*	*11/17/2003*	*11/17/2003*	*6/23/2000*	*6/23/2000*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*0-0.1 ft BGS*	*1-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
3-Nitroaniline	µg/kg	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 23 (NW Corner)*	*U Area-Grid 23 (SE Corner)*	*U Area-Grid 23 (SW Corner)*	*U Area-Grid 24*	*U Area-Grid 24*
Sample ID:			*S-111703-SW-006*	*S-111703-SW-007*	*S-111703-SW-008*	*S-JSH-346*	*S-JSH-328*
Sample Date:			*11/17/2003*	*11/17/2003*	*11/17/2003*	*6/23/2000*	*6/23/2000*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*0-0.1 ft BGS*	*1-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Fluorene	µg/kg	1000000	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-
Metals							
Aluminum	µg/kg	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 23 (NW Corner)*	*U Area-Grid 23 (SE Corner)*	*U Area-Grid 23 (SW Corner)*	*U Area-Grid 24*	*U Area-Grid 24*
Sample ID:			*S-111703-SW-006*	*S-111703-SW-007*	*S-111703-SW-008*	*S-JSH-346*	*S-JSH-328*
Sample Date:			*11/17/2003*	*11/17/2003*	*11/17/2003*	*6/23/2000*	*6/23/2000*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*0-0.1 ft BGS*	*1-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (13000)	ND (620)	ND (750)	ND (3600)	ND (3400)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (13000)	ND (620)	ND (750)	ND (7200)	ND (6800)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (13000)	ND (620)	ND (3700)	ND (3600)	ND (3400)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (13000)	ND (620)	ND (750)	ND (3600)	ND (3400)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (13000)	420 J	ND (750)	ND (3600)	ND (3400)
Aroclor-1254 (PCB-1254)	µg/kg	-	110000	840	26000	40000	6600
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (13000)	ND (620)	ND (3700)	7000	ND (3400)
Total PCBs	µg/kg	-	110000	1260	26000	47000	6600
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 23 (NW Corner)*	*U Area-Grid 23 (SE Corner)*	*U Area-Grid 23 (SW Corner)*	*U Area-Grid 24*	*U Area-Grid 24*
Sample ID:			*S-111703-SW-006*	*S-111703-SW-007*	*S-111703-SW-008*	*S-JSH-346*	*S-JSH-328*
Sample Date:			*11/17/2003*	*11/17/2003*	*11/17/2003*	*6/23/2000*	*6/23/2000*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*0-0.1 ft BGS*	*1-2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	-	-	92.8	97.4
Total volatile solids	%	-	-	-	-	-	-

Notes:

greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

(Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grids 24, 25, 29*	*U Area-Grid 24 (Center)*	*U Area-Grid 24 (NE Corner)*	*U Area-Grid 24 (NW Corner)*
Sample ID:			*S-2939-4-9-03-SW-034*	*S-111503-SW-015*	*S-111503-SW-013*	*S-111503-SW-014*
Sample Date:			*4/9/2003*	*11/15/2003*	*11/15/2003*	*11/15/2003*
Sample Depth:			*-*	*1.5 ft*	*1.5 ft*	*1.5 ft*
Parameter	*Units*	*RUSCO Criteria*				
Volatiles						
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grids 24, 25, 29*	*U Area-Grid 24 (Center)*	*U Area-Grid 24 (NE Corner)*	*U Area-Grid 24 (NW Corner)*
Sample ID:			*S-2939-4-9-03-SW-034*	*S-111503-SW-015*	*S-111503-SW-013*	*S-111503-SW-014*
Sample Date:			*4/9/2003*	*11/15/2003*	*11/15/2003*	*11/15/2003*
Sample Depth:			*-*	*1.5 ft*	*1.5 ft*	*1.5 ft*
Parameter	*Units*	*RUSCO Criteria*				
Methyl acetate	µg/kg	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grids 24, 25, 29*	*U Area-Grid 24 (Center)*	*U Area-Grid 24 (NE Corner)*	*U Area-Grid 24 (NW Corner)*
Sample ID:			*S-2939-4-9-03-SW-034*	*S-111503-SW-015*	*S-111503-SW-013*	*S-111503-SW-014*
Sample Date:			*4/9/2003*	*11/15/2003*	*11/15/2003*	*11/15/2003*
Sample Depth:			*-*	*1.5 ft*	*1.5 ft*	*1.5 ft*
Parameter	*Units*	*RUSCO Criteria*				
3-Nitroaniline	µg/kg	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grids 24, 25, 29*	*U Area-Grid 24 (Center)*	*U Area-Grid 24 (NE Corner)*	*U Area-Grid 24 (NW Corner)*
Sample ID:			*S-2939-4-9-03-SW-034*	*S-111503-SW-015*	*S-111503-SW-013*	*S-111503-SW-014*
Sample Date:			*4/9/2003*	*11/15/2003*	*11/15/2003*	*11/15/2003*
Sample Depth:			*-*	*1.5 ft*	*1.5 ft*	*1.5 ft*
Parameter	*Units*	*RUSCO Criteria*				
Fluorene	µg/kg	1000000	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-
Metals						
Aluminum	µg/kg	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-
Calcium	µg/kg	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-
Iron	µg/kg	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-
Potassium	µg/kg	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-
Sodium	µg/kg	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grids 24, 25, 29*	*U Area-Grid 24 (Center)*	*U Area-Grid 24 (NE Corner)*	*U Area-Grid 24 (NW Corner)*
Sample ID:			*S-2939-4-9-03-SW-034*	*S-111503-SW-015*	*S-111503-SW-013*	*S-111503-SW-014*
Sample Date:			*4/9/2003*	*11/15/2003*	*11/15/2003*	*11/15/2003*
Sample Depth:			*-*	*1.5 ft*	*1.5 ft*	*1.5 ft*
Parameter	*Units*	*RUSCO Criteria*				
PCBs						
Aroclor-1016 (PCB-1016)	µg/kg	-	-	ND (690)	ND (680)	ND (680)
Aroclor-1221 (PCB-1221)	µg/kg	-	-	ND (690)	ND (680)	ND (680)
Aroclor-1232 (PCB-1232)	µg/kg	-	-	ND (690)	ND (680)	ND (680)
Aroclor-1242 (PCB-1242)	µg/kg	-	-	ND (690)	ND (680)	ND (680)
Aroclor-1248 (PCB-1248)	µg/kg	-	-	ND (690)	ND (680)	ND (680)
Aroclor-1254 (PCB-1254)	µg/kg	-	-	21000	2700	19000
Aroclor-1260 (PCB-1260)	µg/kg	-	-	ND (3400)	ND (680)	ND (3400)
Total PCBs	µg/kg	-	-	21000	2700	19000
Pesticides						
4,4'-DDD	µg/kg	180000	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-
Petroleum Hydrocarbons						
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	ND (240)	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	1000000	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grids 24, 25, 29*	*U Area-Grid 24 (Center)*	*U Area-Grid 24 (NE Corner)*	*U Area-Grid 24 (NW Corner)*
Sample ID:			*S-2939-4-9-03-SW-034*	*S-111503-SW-015*	*S-111503-SW-013*	*S-111503-SW-014*
Sample Date:			*4/9/2003*	*11/15/2003*	*11/15/2003*	*11/15/2003*
Sample Depth:			*-*	*1.5 ft*	*1.5 ft*	*1.5 ft*
Parameter	*Units*	*RUSCO Criteria*				
General Chemistry						
Chemical oxygen demand (COD)	µg/kg	-	711000	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-
Nitrogen	µg/kg	-	ND (5970)	-	-	-
Oil and grease	µg/kg	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	787000	-	-	-
Percent moisture	%	-	16.3	-	-	-
pH	s.u.	-	-	-	-	-
pH (water)	s.u.	-	10.4	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-
Total solids	%	-	83.7	-	-	-
Total volatile solids	%	-	2.6	-	-	-

Notes:

greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

(Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 24 (SE Corner)*	*U Area-Grid 24 (SW Corner)*	*U Area-Grid 24 (SW Corner)*	*U Area-Grid 25*	*U Area-Grid 25*
Sample ID:			*S-111503-SW-016*	*S-111503-SW-017*	*S-111503-SW-018*	*S-JSH-347*	*S-2939-4-9-03-SW-032*
Sample Date:			*11/15/2003*	*11/15/2003*	*11/15/2003*	*6/23/2000*	*4/9/2003*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*0-0.2 ft BGS*	*-*
		RUSCO			*Duplicate*		
Parameter	*Units*	*Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 24 (SE Corner)*	*U Area-Grid 24 (SW Corner)*	*U Area-Grid 24 (SW Corner)*	*U Area-Grid 25*	*U Area-Grid 25*
Sample ID:			*S-111503-SW-016*	*S-111503-SW-017*	*S-111503-SW-018*	*S-JSH-347*	*S-2939-4-9-03-SW-032*
Sample Date:			*11/15/2003*	*11/15/2003*	*11/15/2003*	*6/23/2000*	*4/9/2003*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*0-0.2 ft BGS*	*-*
		RUSCO			*Duplicate*		
Parameter	*Units*	*Criteria*					
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 24 (SE Corner)*	*U Area-Grid 24 (SW Corner)*	*U Area-Grid 24 (SW Corner)*	*U Area-Grid 25*	*U Area-Grid 25*
Sample ID:			*S-111503-SW-016*	*S-111503-SW-017*	*S-111503-SW-018*	*S-JSH-347*	*S-2939-4-9-03-SW-032*
Sample Date:			*11/15/2003*	*11/15/2003*	*11/15/2003*	*6/23/2000*	*4/9/2003*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*0-0.2 ft BGS*	*-*
		RUSCO			*Duplicate*		
Parameter	*Units*	*Criteria*					
3-Nitroaniline	µg/kg	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 24 (SE Corner)*	*U Area-Grid 24 (SW Corner)*	*U Area-Grid 24 (SW Corner)*	*U Area-Grid 25*	*U Area-Grid 25*
Sample ID:			*S-111503-SW-016*	*S-111503-SW-017*	*S-111503-SW-018*	*S-JSH-347*	*S-2939-4-9-03-SW-032*
Sample Date:			*11/15/2003*	*11/15/2003*	*11/15/2003*	*6/23/2000*	*4/9/2003*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*0-0.2 ft BGS*	*-*
		RUSCO			*Duplicate*		
Parameter	*Units*	*Criteria*					
Fluorene	µg/kg	1000000	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-
Metals							
Aluminum	µg/kg	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 24 (SE Corner)*	*U Area-Grid 24 (SW Corner)*	*U Area-Grid 24 (SW Corner)*	*U Area-Grid 25*	*U Area-Grid 25*
Sample ID:			*S-111503-SW-016*	*S-111503-SW-017*	*S-111503-SW-018*	*S-JSH-347*	*S-2939-4-9-03-SW-032*
Sample Date:			*11/15/2003*	*11/15/2003*	*11/15/2003*	*6/23/2000*	*4/9/2003*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*0-0.2 ft BGS*	*-*
		RUSCO			*Duplicate*		
Parameter	*Units*	*Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (3800)	ND (650)	ND (690)	ND (3600)	ND (6600)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (3800)	ND (650)	ND (690)	ND (7300)	ND (13000)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (3800)	ND (650)	ND (690)	ND (3600)	ND (6600)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (3800)	ND (650)	ND (690)	ND (3600)	ND (6600)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (3800)	ND (650)	ND (690)	ND (3600)	ND (6600)
Aroclor-1254 (PCB-1254)	µg/kg	-	45000	4600 J	ND (690) UJ	37000	19000
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (3800)	ND (650)	ND (690)	4900	ND (6600)
Total PCBs	µg/kg	-	45000	4600	ND	41900	19000
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 24 (SE Corner)*	*U Area-Grid 24 (SW Corner)*	*U Area-Grid 24 (SW Corner)*	*U Area-Grid 25*	*U Area-Grid 25*
Sample ID:			*S-111503-SW-016*	*S-111503-SW-017*	*S-111503-SW-018*	*S-JSH-347*	*S-2939-4-9-03-SW-032*
Sample Date:			*11/15/2003*	*11/15/2003*	*11/15/2003*	*6/23/2000*	*4/9/2003*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*0-0.2 ft BGS*	*-*
		RUSCO			*Duplicate*		
Parameter	*Units*	*Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	-	-	91.6	-
Total volatile solids	%	-	-	-	-	-	-

Notes:

greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

(Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 25 (Center)*	*U Area-Grid 25 (NE Corner)*	*U Area-Grid 25 (SE Corner)*	*U Area-Grid 25 (SW Corner)*	*U Area-Grid 26*
Sample ID:			*S-111503-SW-019*	*S-111703-SW-009*	*S-111703-SW-010*	*S-111703-SW-011*	*S-JSH-348*
Sample Date:			*11/15/2003*	*11/17/2003*	*11/17/2003*	*11/17/2003*	*6/23/2000*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*1.5 ft*	*0-0.2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 25 (Center)*	*U Area-Grid 25 (NE Corner)*	*U Area-Grid 25 (SE Corner)*	*U Area-Grid 25 (SW Corner)*	*U Area-Grid 26*
Sample ID:			*S-111503-SW-019*	*S-111703-SW-009*	*S-111703-SW-010*	*S-111703-SW-011*	*S-JSH-348*
Sample Date:			*11/15/2003*	*11/17/2003*	*11/17/2003*	*11/17/2003*	*6/23/2000*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*1.5 ft*	*0-0.2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 25 (Center)*	*U Area-Grid 25 (NE Corner)*	*U Area-Grid 25 (SE Corner)*	*U Area-Grid 25 (SW Corner)*	*U Area-Grid 26*
Sample ID:			*S-111503-SW-019*	*S-111703-SW-009*	*S-111703-SW-010*	*S-111703-SW-011*	*S-JSH-348*
Sample Date:			*11/15/2003*	*11/17/2003*	*11/17/2003*	*11/17/2003*	*6/23/2000*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*1.5 ft*	*0-0.2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
3-Nitroaniline	µg/kg	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 25 (Center)*	*U Area-Grid 25 (NE Corner)*	*U Area-Grid 25 (SE Corner)*	*U Area-Grid 25 (SW Corner)*	*U Area-Grid 26*
Sample ID:			*S-111503-SW-019*	*S-111703-SW-009*	*S-111703-SW-010*	*S-111703-SW-011*	*S-JSH-348*
Sample Date:			*11/15/2003*	*11/17/2003*	*11/17/2003*	*11/17/2003*	*6/23/2000*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*1.5 ft*	*0-0.2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Fluorene	µg/kg	1000000	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-
Metals							
Aluminum	µg/kg	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 25 (Center)*	*U Area-Grid 25 (NE Corner)*	*U Area-Grid 25 (SE Corner)*	*U Area-Grid 25 (SW Corner)*	*U Area-Grid 26*
Sample ID:			*S-111503-SW-019*	*S-111703-SW-009*	*S-111703-SW-010*	*S-111703-SW-011*	*S-JSH-348*
Sample Date:			*11/15/2003*	*11/17/2003*	*11/17/2003*	*11/17/2003*	*6/23/2000*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*1.5 ft*	*0-0.2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (760)	ND (840)	ND (630)	ND (700)	ND (3400)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (760)	ND (840)	ND (630)	ND (700)	ND (6800)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (760)	ND (4200)	ND (630)	ND (700)	ND (3400)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (760)	ND (840)	ND (630)	ND (700)	ND (3400)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (760)	ND (840)	ND (630)	ND (700)	ND (3400)
Aroclor-1254 (PCB-1254)	µg/kg	-	700 J	25000	13000	930	53000
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (760)	ND (4200)	ND (1300)	ND (700)	7500
Total PCBs	µg/kg	-	700	25000	13000	930	60500
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 25 (Center)*	*U Area-Grid 25 (NE Corner)*	*U Area-Grid 25 (SE Corner)*	*U Area-Grid 25 (SW Corner)*	*U Area-Grid 26*
Sample ID:			*S-111503-SW-019*	*S-111703-SW-009*	*S-111703-SW-010*	*S-111703-SW-011*	*S-JSH-348*
Sample Date:			*11/15/2003*	*11/17/2003*	*11/17/2003*	*11/17/2003*	*6/23/2000*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*1.5 ft*	*0-0.2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	98.6
Total volatile solids	%	-	-	-	-	-	-

Notes:

greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

(Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 26*	*U Area-Grids 26, 27, 28*	*U Area-Grid 26 (South Subgrid)*	*U Area-Grid 26 (South Subgrid)*
Sample ID:			*S-JSH-331*	*S-2939-4-10-03-SW-040*	*S-2939-4-9-03-SW-035*	*S-2939-4-9-03-SW-036*
Sample Date:			*6/23/2000*	*4/10/2003*	*4/9/2003*	*4/9/2003*
Sample Depth:			*1-1.5 ft BGS*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*				
Volatiles						
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 26*	*U Area-Grids 26, 27, 28*	*U Area-Grid 26 (South Subgrid)*	*U Area-Grid 26 (South Subgrid)*
Sample ID:			*S-JSH-331*	*S-2939-4-10-03-SW-040*	*S-2939-4-9-03-SW-035*	*S-2939-4-9-03-SW-036*
Sample Date:			*6/23/2000*	*4/10/2003*	*4/9/2003*	*4/9/2003*
Sample Depth:			*1-1.5 ft BGS*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*				
Methyl cyclohexane	µg/kg	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-
3-Nitroaniline	µg/kg	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 26*	*U Area-Grids 26, 27, 28*	*U Area-Grid 26 (South Subgrid)*	*U Area-Grid 26 (South Subgrid)*
Sample ID:			*S-JSH-331*	*S-2939-4-10-03-SW-040*	*S-2939-4-9-03-SW-035*	*S-2939-4-9-03-SW-036*
Sample Date:			*6/23/2000*	*4/10/2003*	*4/9/2003*	*4/9/2003*
Sample Depth:			*1-1.5 ft BGS*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*				
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 26*	*U Area-Grids 26, 27, 28*	*U Area-Grid 26 (South Subgrid)*	*U Area-Grid 26 (South Subgrid)*
Sample ID:			*S-JSH-331*	*S-2939-4-10-03-SW-040*	*S-2939-4-9-03-SW-035*	*S-2939-4-9-03-SW-036*
Sample Date:			*6/23/2000*	*4/10/2003*	*4/9/2003*	*4/9/2003*
Sample Depth:			*1-1.5 ft BGS*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*				
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-
Metals						
Aluminum	µg/kg	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-
Calcium	µg/kg	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-
Iron	µg/kg	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-
Potassium	µg/kg	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-
Sodium	µg/kg	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-
PCBs						
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (4300)	-	ND (5700)	ND (5600)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (8600)	-	ND (11000)	ND (11000)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (4300)	-	ND (5700)	ND (5600)

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 26*	*U Area-Grids 26, 27, 28*	*U Area-Grid 26 (South Subgrid)*	*U Area-Grid 26 (South Subgrid)*
Sample ID:			*S-JSH-331*	*S-2939-4-10-03-SW-040*	*S-2939-4-9-03-SW-035*	*S-2939-4-9-03-SW-036*
Sample Date:			*6/23/2000*	*4/10/2003*	*4/9/2003*	*4/9/2003*
Sample Depth:			*1-1.5 ft BGS*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*				
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (4300)	-	ND (5700)	ND (5600)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (4300)	-	ND (5700)	ND (5600)
Aroclor-1254 (PCB-1254)	µg/kg	-	18000	-	4000 J	5000 J
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (4300)	-	ND (5700)	ND (5600)
Total PCBs	µg/kg	-	18000	-	4000	5000
Pesticides						
4,4'-DDD	µg/kg	180000	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-
Petroleum Hydrocarbons						
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	ND (230)	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	25000	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 26*	*U Area-Grids 26, 27, 28*	*U Area-Grid 26 (South Subgrid)*	*U Area-Grid 26 (South Subgrid)*
Sample ID:			*S-JSH-331*	*S-2939-4-10-03-SW-040*	*S-2939-4-9-03-SW-035*	*S-2939-4-9-03-SW-036*
Sample Date:			*6/23/2000*	*4/10/2003*	*4/9/2003*	*4/9/2003*
Sample Depth:			*1-1.5 ft BGS*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*				
General Chemistry						
Chemical oxygen demand (COD)	µg/kg	-	-	ND (289000)	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-
Nitrogen	µg/kg	-	-	ND (5790)	-	-
Oil and grease	µg/kg	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	484000	-	-
Percent moisture	%	-	-	13.6	-	-
pH	s.u.	-	-	-	-	-
pH (water)	s.u.	-	-	10.8	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-
Total solids	%	-	77.3	86.4	-	-
Total volatile solids	%	-	-	3.6	-	-

Notes:

greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

(Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 27*	*U Area-Grid 27*	*U Area-Grid 27 (North Subgrid)*	*U Area-Grid 27 (South Subgrid)*	*U Area-Grid 28*
Sample ID:			*S-JSH-349*	*S-JSH-332*	*S-2939-4-10-03-SW-038*	*S-2939-4-10-03-SW-037*	*S-JSH-350*
Sample Date:			*6/23/2000*	*6/23/2000*	*4/10/2003*	*4/10/2003*	*6/23/2000*
Sample Depth:			*0-0.2 ft BGS*	*1-1.5 ft BGS*	*-*	*-*	*0-0.2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 27*	*U Area-Grid 27*	*U Area-Grid 27 (North Subgrid)*	*U Area-Grid 27 (South Subgrid)*	*U Area-Grid 28*
Sample ID:			*S-JSH-349*	*S-JSH-332*	*S-2939-4-10-03-SW-038*	*S-2939-4-10-03-SW-037*	*S-JSH-350*
Sample Date:			*6/23/2000*	*6/23/2000*	*4/10/2003*	*4/10/2003*	*6/23/2000*
Sample Depth:			*0-0.2 ft BGS*	*1-1.5 ft BGS*	*-*	*-*	*0-0.2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-
3-Nitroaniline	µg/kg	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 27*	*U Area-Grid 27*	*U Area-Grid 27 (North Subgrid)*	*U Area-Grid 27 (South Subgrid)*	*U Area-Grid 28*
Sample ID:			*S-JSH-349*	*S-JSH-332*	*S-2939-4-10-03-SW-038*	*S-2939-4-10-03-SW-037*	*S-JSH-350*
Sample Date:			*6/23/2000*	*6/23/2000*	*4/10/2003*	*4/10/2003*	*6/23/2000*
Sample Depth:			*0-0.2 ft BGS*	*1-1.5 ft BGS*	*-*	*-*	*0-0.2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 27*	*U Area-Grid 27*	*U Area-Grid 27 (North Subgrid)*	*U Area-Grid 27 (South Subgrid)*	*U Area-Grid 28*
Sample ID:			*S-JSH-349*	*S-JSH-332*	*S-2939-4-10-03-SW-038*	*S-2939-4-10-03-SW-037*	*S-JSH-350*
Sample Date:			*6/23/2000*	*6/23/2000*	*4/10/2003*	*4/10/2003*	*6/23/2000*
Sample Depth:			*0-0.2 ft BGS*	*1-1.5 ft BGS*	*-*	*-*	*0-0.2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-
Metals							
Aluminum	µg/kg	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (3400)	ND (4100)	ND (7000)	ND (5600)	ND (36000)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (6900)	ND (8200)	ND (14000)	ND (11000)	ND (72000)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (3400)	ND (4100)	ND (7000)	ND (5600)	ND (36000)

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 27*	*U Area-Grid 27*	*U Area-Grid 27 (North Subgrid)*	*U Area-Grid 27 (South Subgrid)*	*U Area-Grid 28*
Sample ID:			*S-JSH-349*	*S-JSH-332*	*S-2939-4-10-03-SW-038*	*S-2939-4-10-03-SW-037*	*S-JSH-350*
Sample Date:			*6/23/2000*	*6/23/2000*	*4/10/2003*	*4/10/2003*	*6/23/2000*
Sample Depth:			*0-0.2 ft BGS*	*1-1.5 ft BGS*	*-*	*-*	*0-0.2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (3400)	ND (4100)	ND (7000)	ND (5600)	ND (36000)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (3400)	ND (4100)	ND (7000)	ND (5600)	ND (36000)
Aroclor-1254 (PCB-1254)	µg/kg	-	36000	62000	41000	ND (5600)	76000
Aroclor-1260 (PCB-1260)	µg/kg	-	5600	5500	4000 J	ND (5600)	ND (36000)
Total PCBs	µg/kg	-	41600	67500	45000	ND	76000
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 27*	*U Area-Grid 27*	*U Area-Grid 27 (North Subgrid)*	*U Area-Grid 27 (South Subgrid)*	*U Area-Grid 28*
Sample ID:			*S-JSH-349*	*S-JSH-332*	*S-2939-4-10-03-SW-038*	*S-2939-4-10-03-SW-037*	*S-JSH-350*
Sample Date:			*6/23/2000*	*6/23/2000*	*4/10/2003*	*4/10/2003*	*6/23/2000*
Sample Depth:			*0-0.2 ft BGS*	*1-1.5 ft BGS*	*-*	*-*	*0-0.2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	96.6	81.5	-	-	92.6
Total volatile solids	%	-	-	-	-	-	-

Notes:

greater than the Instrument Detection Limits.
D - Compounds at secondary dilution factor.
(Inorganics).
E - Exceed calibration range of GC/MS instrument (Organics).
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
R - Rejected.
S - Value determined by the method of standard Addition.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
X - Result may have been masked by the positive detection of another Aroclor.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 28*	*U Area-Grid 29*	*U Area-Grid 29*	*U Area-Grid 29*	*U Area-Grid 29 (Center)*
Sample ID:			*S-2939-4-10-03-SW-039*	*S-JSH-351*	*S-2939-4-9-03-SW-033*	*S-2939-4-9-03-SW-031*	*S-111503-SW-020*
Sample Date:			*4/10/2003*	*6/23/2000*	*4/8/2003*	*4/9/2003*	*11/15/2003*
Sample Depth:			*-*	*0-0.2 ft BGS*	*-*	*-*	*1.5 ft*
Parameter	*Units*	*RUSCO Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 28*	*U Area-Grid 29*	*U Area-Grid 29*	*U Area-Grid 29*	*U Area-Grid 29 (Center)*
Sample ID:			*S-2939-4-10-03-SW-039*	*S-JSH-351*	*S-2939-4-9-03-SW-033*	*S-2939-4-9-03-SW-031*	*S-111503-SW-020*
Sample Date:			*4/10/2003*	*6/23/2000*	*4/8/2003*	*4/9/2003*	*11/15/2003*
Sample Depth:			*-*	*0-0.2 ft BGS*	*-*	*-*	*1.5 ft*
Parameter	*Units*	*RUSCO Criteria*					
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-
3-Nitroaniline	µg/kg	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 28*	*U Area-Grid 29*	*U Area-Grid 29*	*U Area-Grid 29*	*U Area-Grid 29 (Center)*
Sample ID:			*S-2939-4-10-03-SW-039*	*S-JSH-351*	*S-2939-4-9-03-SW-033*	*S-2939-4-9-03-SW-031*	*S-111503-SW-020*
Sample Date:			*4/10/2003*	*6/23/2000*	*4/8/2003*	*4/9/2003*	*11/15/2003*
Sample Depth:			*-*	*0-0.2 ft BGS*	*-*	*-*	*1.5 ft*
Parameter	*Units*	*RUSCO Criteria*					
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 28*	*U Area-Grid 29*	*U Area-Grid 29*	*U Area-Grid 29*	*U Area-Grid 29 (Center)*
Sample ID:			*S-2939-4-10-03-SW-039*	*S-JSH-351*	*S-2939-4-9-03-SW-033*	*S-2939-4-9-03-SW-031*	*S-111503-SW-020*
Sample Date:			*4/10/2003*	*6/23/2000*	*4/8/2003*	*4/9/2003*	*11/15/2003*
Sample Depth:			*-*	*0-0.2 ft BGS*	*-*	*-*	*1.5 ft*
Parameter	*Units*	*RUSCO Criteria*					
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-
Metals							
Aluminum	µg/kg	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (6000)	ND (3600)	ND (5800)	ND (5600)	ND (750)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (12000)	ND (7200)	ND (12000)	ND (11000)	ND (750)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (6000)	ND (3600)	ND (5800)	ND (5600)	ND (750)

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 28*	*U Area-Grid 29*	*U Area-Grid 29*	*U Area-Grid 29*	*U Area-Grid 29 (Center)*
Sample ID:			*S-2939-4-10-03-SW-039*	*S-JSH-351*	*S-2939-4-9-03-SW-033*	*S-2939-4-9-03-SW-031*	*S-111503-SW-020*
Sample Date:			*4/10/2003*	*6/23/2000*	*4/8/2003*	*4/9/2003*	*11/15/2003*
Sample Depth:			*-*	*0-0.2 ft BGS*	*-*	*-*	*1.5 ft*
Parameter	*Units*	*RUSCO Criteria*					
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (6000)	ND (3600)	ND (5800)	ND (5600)	ND (750)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (6000)	ND (3600)	ND (5800)	ND (5600)	ND (750)
Aroclor-1254 (PCB-1254)	µg/kg	-	9100	37000	9000	3000 J	9800
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (6000)	5800	ND (5800)	ND (5600)	ND (750)
Total PCBs	µg/kg	-	9100	42800	9000	3000	9800
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 28*	*U Area-Grid 29*	*U Area-Grid 29*	*U Area-Grid 29*	*U Area-Grid 29 (Center)*
Sample ID:			*S-2939-4-10-03-SW-039*	*S-JSH-351*	*S-2939-4-9-03-SW-033*	*S-2939-4-9-03-SW-031*	*S-111503-SW-020*
Sample Date:			*4/10/2003*	*6/23/2000*	*4/8/2003*	*4/9/2003*	*11/15/2003*
Sample Depth:			*-*	*0-0.2 ft BGS*	*-*	*-*	*1.5 ft*
Parameter	*Units*	*RUSCO Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	93.2	-	-	-
Total volatile solids	%	-	-	-	-	-	-

Notes:

greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

(Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 29 (NE Corner)*	*U Area-Grid 29 (NW Corner)*	*U Area-Grid 29 (SW Corner)*	*U Area-Grid 29 (SW Corner)*
Sample ID:			*S-111703-SW-012*	*S-111703-SW-013*	*S-111703-SW-014*	*S-111703-SW-015*
Sample Date:			*11/17/2003*	*11/17/2003*	*11/17/2003*	*11/17/2003*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*1.5 ft*
		RUSCO				*Duplicate*
Parameter	*Units*	*Criteria*				
Volatiles						
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 29 (NE Corner)*	*U Area-Grid 29 (NW Corner)*	*U Area-Grid 29 (SW Corner)*	*U Area-Grid 29 (SW Corner)*
Sample ID:			*S-111703-SW-012*	*S-111703-SW-013*	*S-111703-SW-014*	*S-111703-SW-015*
Sample Date:			*11/17/2003*	*11/17/2003*	*11/17/2003*	*11/17/2003*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*1.5 ft*
		RUSCO				*Duplicate*
Parameter	*Units*	*Criteria*				
Methyl cyclohexane	µg/kg	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-
3-Nitroaniline	µg/kg	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 29 (NE Corner)*	*U Area-Grid 29 (NW Corner)*	*U Area-Grid 29 (SW Corner)*	*U Area-Grid 29 (SW Corner)*
Sample ID:			*S-111703-SW-012*	*S-111703-SW-013*	*S-111703-SW-014*	*S-111703-SW-015*
Sample Date:			*11/17/2003*	*11/17/2003*	*11/17/2003*	*11/17/2003*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*1.5 ft*
		RUSCO				*Duplicate*
Parameter	*Units*	*Criteria*				
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 29 (NE Corner)*	*U Area-Grid 29 (NW Corner)*	*U Area-Grid 29 (SW Corner)*	*U Area-Grid 29 (SW Corner)*
Sample ID:			*S-111703-SW-012*	*S-111703-SW-013*	*S-111703-SW-014*	*S-111703-SW-015*
Sample Date:			*11/17/2003*	*11/17/2003*	*11/17/2003*	*11/17/2003*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*1.5 ft*
		RUSCO				*Duplicate*
Parameter	*Units*	*Criteria*				
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-
Metals						
Aluminum	µg/kg	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-
Calcium	µg/kg	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-
Iron	µg/kg	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-
Potassium	µg/kg	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-
Sodium	µg/kg	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-
PCBs						
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (680)	ND (670)	ND (660)	ND (650)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (680)	ND (670)	ND (660)	ND (650)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (680)	ND (670)	ND (660)	ND (650)

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 29 (NE Corner)*	*U Area-Grid 29 (NW Corner)*	*U Area-Grid 29 (SW Corner)*	*U Area-Grid 29 (SW Corner)*
Sample ID:			*S-111703-SW-012*	*S-111703-SW-013*	*S-111703-SW-014*	*S-111703-SW-015*
Sample Date:			*11/17/2003*	*11/17/2003*	*11/17/2003*	*11/17/2003*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*1.5 ft*
		RUSCO				*Duplicate*
Parameter	*Units*	*Criteria*				
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (680)	ND (670)	ND (660)	ND (650)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (6800)	ND (670)	ND (660)	ND (650)
Aroclor-1254 (PCB-1254)	µg/kg	-	53000	1000	1500	1400
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (6800)	ND (670)	ND (660)	ND (650)
Total PCBs	µg/kg	-	53000	1000	1500	1400
Pesticides						
4,4'-DDD	µg/kg	180000	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-
Petroleum Hydrocarbons						
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 29 (NE Corner)*	*U Area-Grid 29 (NW Corner)*	*U Area-Grid 29 (SW Corner)*	*U Area-Grid 29 (SW Corner)*
Sample ID:			*S-111703-SW-012*	*S-111703-SW-013*	*S-111703-SW-014*	*S-111703-SW-015*
Sample Date:			*11/17/2003*	*11/17/2003*	*11/17/2003*	*11/17/2003*
Sample Depth:			*1.5 ft*	*1.5 ft*	*1.5 ft*	*1.5 ft*
		RUSCO				*Duplicate*
Parameter	*Units*	*Criteria*				
General Chemistry						
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-
Percent moisture	%	-	-	-	-	-
pH	s.u.	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-
Total solids	%	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-

Notes:

greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

(Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 30*	*U Area-Grids 30, 31*	*U Area-Grid 30 (NE Subgrid)*	*U Area-Grid 30 (NW Subgrid)*
Sample ID:			*S-JSH-352*	*S-2939-4-10-03-SW-046*	*S-2939-4-11-03-SW-044*	*S-2939-4-10-03-SW-043*
Sample Date:			*6/23/2000*	*4/10/2003*	*4/10/2003*	*4/10/2003*
Sample Depth:			*0-0.1 ft BGS*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*				
Volatiles						
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 30*	*U Area-Grids 30, 31*	*U Area-Grid 30 (NE Subgrid)*	*U Area-Grid 30 (NW Subgrid)*
Sample ID:			*S-JSH-352*	*S-2939-4-10-03-SW-046*	*S-2939-4-11-03-SW-044*	*S-2939-4-10-03-SW-043*
Sample Date:			*6/23/2000*	*4/10/2003*	*4/10/2003*	*4/10/2003*
Sample Depth:			*0-0.1 ft BGS*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*				
Methyl cyclohexane	µg/kg	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-
3-Nitroaniline	µg/kg	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 30*	*U Area-Grids 30, 31*	*U Area-Grid 30 (NE Subgrid)*	*U Area-Grid 30 (NW Subgrid)*
Sample ID:			*S-JSH-352*	*S-2939-4-10-03-SW-046*	*S-2939-4-11-03-SW-044*	*S-2939-4-10-03-SW-043*
Sample Date:			*6/23/2000*	*4/10/2003*	*4/10/2003*	*4/10/2003*
Sample Depth:			*0-0.1 ft BGS*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*				
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 30*	*U Area-Grids 30, 31*	*U Area-Grid 30 (NE Subgrid)*	*U Area-Grid 30 (NW Subgrid)*
Sample ID:			*S-JSH-352*	*S-2939-4-10-03-SW-046*	*S-2939-4-11-03-SW-044*	*S-2939-4-10-03-SW-043*
Sample Date:			*6/23/2000*	*4/10/2003*	*4/10/2003*	*4/10/2003*
Sample Depth:			*0-0.1 ft BGS*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*				
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-
Metals						
Aluminum	µg/kg	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-
Calcium	µg/kg	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-
Iron	µg/kg	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-
Potassium	µg/kg	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-
Sodium	µg/kg	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-
PCBs						
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (3400)	-	ND (6800)	ND (6700)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (6800)	-	ND (14000)	ND (13000)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (3400)	-	ND (6800)	ND (6700)

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 30*	*U Area-Grids 30, 31*	*U Area-Grid 30 (NE Subgrid)*	*U Area-Grid 30 (NW Subgrid)*
Sample ID:			*S-JSH-352*	*S-2939-4-10-03-SW-046*	*S-2939-4-11-03-SW-044*	*S-2939-4-10-03-SW-043*
Sample Date:			*6/23/2000*	*4/10/2003*	*4/10/2003*	*4/10/2003*
Sample Depth:			*0-0.1 ft BGS*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*				
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (3400)	-	ND (6800)	ND (6700)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (3400)	-	ND (6800)	ND (6700)
Aroclor-1254 (PCB-1254)	µg/kg	-	38000	-	17000	28000
Aroclor-1260 (PCB-1260)	µg/kg	-	5300	-	ND (6800)	ND (6700)
Total PCBs	µg/kg	-	43300	-	17000	28000
Pesticides						
4,4'-DDD	µg/kg	180000	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-
Petroleum Hydrocarbons						
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	ND (250)	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	710000	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 30*	*U Area-Grids 30, 31*	*U Area-Grid 30 (NE Subgrid)*	*U Area-Grid 30 (NW Subgrid)*
Sample ID:			*S-JSH-352*	*S-2939-4-10-03-SW-046*	*S-2939-4-11-03-SW-044*	*S-2939-4-10-03-SW-043*
Sample Date:			*6/23/2000*	*4/10/2003*	*4/10/2003*	*4/10/2003*
Sample Depth:			*0-0.1 ft BGS*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*				
General Chemistry						
Chemical oxygen demand (COD)	µg/kg	-	-	ND (307000)	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-
Nitrogen	µg/kg	-	-	ND (6130)	-	-
Oil and grease	µg/kg	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	1520000	-	-
Percent moisture	%	-	-	18.5	-	-
pH	s.u.	-	-	-	-	-
pH (water)	s.u.	-	-	9.8	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-
Total solids	%	-	98	81.5	-	-
Total volatile solids	%	-	-	3.6	-	-

Notes:

greater than the Instrument Detection Limits.
D - Compounds at secondary dilution factor.
(Inorganics).
E - Exceed calibration range of GC/MS instrument (Organics).
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
R - Rejected.
S - Value determined by the method of standard Addition.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
X - Result may have been masked by the positive detection of another Aroclor.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 30 (SE Subgrid)*	*U Area-Grid 30 (SW Corner)*	*U Area-Grid 30 (SW Subgrid)*	*U Area-Grid 31*
Sample ID:			*S-2939-4-10-03-SW-041*	*S-111503-SW-021*	*S-2939-4-10-03-SW-042*	*S-JSH-353*
Sample Date:			*4/10/2003*	*11/15/2003*	*4/10/2003*	*6/23/2000*
Sample Depth:			*-*	*1.5 ft*	*-*	*0-0.2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
Volatiles						
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 30 (SE Subgrid)*	*U Area-Grid 30 (SW Corner)*	*U Area-Grid 30 (SW Subgrid)*	*U Area-Grid 31*
Sample ID:			*S-2939-4-10-03-SW-041*	*S-111503-SW-021*	*S-2939-4-10-03-SW-042*	*S-JSH-353*
Sample Date:			*4/10/2003*	*11/15/2003*	*4/10/2003*	*6/23/2000*
Sample Depth:			*-*	*1.5 ft*	*-*	*0-0.2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
Methyl cyclohexane	µg/kg	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-
3-Nitroaniline	µg/kg	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 30 (SE Subgrid)*	*U Area-Grid 30 (SW Corner)*	*U Area-Grid 30 (SW Subgrid)*	*U Area-Grid 31*
Sample ID:			*S-2939-4-10-03-SW-041*	*S-111503-SW-021*	*S-2939-4-10-03-SW-042*	*S-JSH-353*
Sample Date:			*4/10/2003*	*11/15/2003*	*4/10/2003*	*6/23/2000*
Sample Depth:			*-*	*1.5 ft*	*-*	*0-0.2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 30 (SE Subgrid)*	*U Area-Grid 30 (SW Corner)*	*U Area-Grid 30 (SW Subgrid)*	*U Area-Grid 31*
Sample ID:			*S-2939-4-10-03-SW-041*	*S-111503-SW-021*	*S-2939-4-10-03-SW-042*	*S-JSH-353*
Sample Date:			*4/10/2003*	*11/15/2003*	*4/10/2003*	*6/23/2000*
Sample Depth:			*-*	*1.5 ft*	*-*	*0-0.2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-
Metals						
Aluminum	µg/kg	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-
Calcium	µg/kg	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-
Iron	µg/kg	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-
Potassium	µg/kg	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-
Sodium	µg/kg	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-
PCBs						
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (5900)	ND (890)	ND (6000)	ND (3400)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (12000)	ND (890)	ND (12000)	ND (6800)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (5900)	ND (890)	ND (6000)	ND (3400)

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 30 (SE Subgrid)*	*U Area-Grid 30 (SW Corner)*	*U Area-Grid 30 (SW Subgrid)*	*U Area-Grid 31*
Sample ID:			*S-2939-4-10-03-SW-041*	*S-111503-SW-021*	*S-2939-4-10-03-SW-042*	*S-JSH-353*
Sample Date:			*4/10/2003*	*11/15/2003*	*4/10/2003*	*6/23/2000*
Sample Depth:			*-*	*1.5 ft*	*-*	*0-0.2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (5900)	ND (890)	ND (6000)	ND (3400)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (5900)	ND (890)	ND (6000)	ND (3400)
Aroclor-1254 (PCB-1254)	µg/kg	-	18000	3300	ND (6000)	30000
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (5900)	ND (890)	ND (6000)	4600
Total PCBs	µg/kg	-	18000	3300	ND	34600
Pesticides						
4,4'-DDD	µg/kg	180000	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-
Petroleum Hydrocarbons						
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 30 (SE Subgrid)*	*U Area-Grid 30 (SW Corner)*	*U Area-Grid 30 (SW Subgrid)*	*U Area-Grid 31*
Sample ID:			*S-2939-4-10-03-SW-041*	*S-111503-SW-021*	*S-2939-4-10-03-SW-042*	*S-JSH-353*
Sample Date:			*4/10/2003*	*11/15/2003*	*4/10/2003*	*6/23/2000*
Sample Depth:			*-*	*1.5 ft*	*-*	*0-0.2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
General Chemistry						
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-
Percent moisture	%	-	-	-	-	-
pH	s.u.	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-
Total solids	%	-	-	-	-	97.6
Total volatile solids	%	-	-	-	-	-

Notes:

greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

(Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 31*	*U Area-Grid 31*	*U Area-Grid 31 (Center)*	*U Area-Grid 31 (NW Corner)*
Sample ID:			*S-JSH-354*	*S-2939-4-10-03-SW-045*	*S-111503-SW-022*	*S-111703-SW-016*
Sample Date:			*6/23/2000*	*4/10/2003*	*11/15/2003*	*11/17/2003*
Sample Depth:			*0-0.2 ft BGS*	*-*	*1.5 ft*	*1.5 ft*
		RUSCO	*Duplicate*			
Parameter	*Units*	*Criteria*				
Volatiles						
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 31*	*U Area-Grid 31*	*U Area-Grid 31 (Center)*	*U Area-Grid 31 (NW Corner)*
Sample ID:			*S-JSH-354*	*S-2939-4-10-03-SW-045*	*S-111503-SW-022*	*S-111703-SW-016*
Sample Date:			*6/23/2000*	*4/10/2003*	*11/15/2003*	*11/17/2003*
Sample Depth:			*0-0.2 ft BGS*	*-*	*1.5 ft*	*1.5 ft*
		RUSCO	*Duplicate*			
Parameter	*Units*	*Criteria*				
Methyl cyclohexane	µg/kg	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-
3-Nitroaniline	µg/kg	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 31*	*U Area-Grid 31*	*U Area-Grid 31 (Center)*	*U Area-Grid 31 (NW Corner)*
Sample ID:			*S-JSH-354*	*S-2939-4-10-03-SW-045*	*S-111503-SW-022*	*S-111703-SW-016*
Sample Date:			*6/23/2000*	*4/10/2003*	*11/15/2003*	*11/17/2003*
Sample Depth:			*0-0.2 ft BGS*	*-*	*1.5 ft*	*1.5 ft*
		RUSCO	*Duplicate*			
Parameter	*Units*	*Criteria*				
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 31*	*U Area-Grid 31*	*U Area-Grid 31 (Center)*	*U Area-Grid 31 (NW Corner)*
Sample ID:			*S-JSH-354*	*S-2939-4-10-03-SW-045*	*S-111503-SW-022*	*S-111703-SW-016*
Sample Date:			*6/23/2000*	*4/10/2003*	*11/15/2003*	*11/17/2003*
Sample Depth:			*0-0.2 ft BGS*	*-*	*1.5 ft*	*1.5 ft*
		RUSCO	*Duplicate*			
Parameter	*Units*	*Criteria*				
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-
Metals						
Aluminum	µg/kg	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-
Calcium	µg/kg	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-
Iron	µg/kg	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-
Potassium	µg/kg	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-
Sodium	µg/kg	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-
PCBs						
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (3400)	ND (6300)	ND (630)	ND (670)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (6800)	ND (13000)	ND (630)	ND (670)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (3400)	ND (6300)	ND (630)	ND (670)

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 31*	*U Area-Grid 31*	*U Area-Grid 31 (Center)*	*U Area-Grid 31 (NW Corner)*
Sample ID:			*S-JSH-354*	*S-2939-4-10-03-SW-045*	*S-111503-SW-022*	*S-111703-SW-016*
Sample Date:			*6/23/2000*	*4/10/2003*	*11/15/2003*	*11/17/2003*
Sample Depth:			*0-0.2 ft BGS*	*-*	*1.5 ft*	*1.5 ft*
		RUSCO	*Duplicate*			
Parameter	*Units*	*Criteria*				
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (3400)	ND (6300)	ND (630)	ND (670)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (3400)	ND (6300)	ND (630)	ND (670)
Aroclor-1254 (PCB-1254)	µg/kg	-	44000	17000	8200	600 J
Aroclor-1260 (PCB-1260)	µg/kg	-	6300	ND (6300)	ND (630) UJ	ND (670)
Total PCBs	µg/kg	-	50300	17000	8200	600
Pesticides						
4,4'-DDD	µg/kg	180000	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-
Petroleum Hydrocarbons						
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 31*	*U Area-Grid 31*	*U Area-Grid 31 (Center)*	*U Area-Grid 31 (NW Corner)*
Sample ID:			*S-JSH-354*	*S-2939-4-10-03-SW-045*	*S-111503-SW-022*	*S-111703-SW-016*
Sample Date:			*6/23/2000*	*4/10/2003*	*11/15/2003*	*11/17/2003*
Sample Depth:			*0-0.2 ft BGS*	*-*	*1.5 ft*	*1.5 ft*
Parameter	*Units*	*RUSCO Criteria*	*Duplicate*			
General Chemistry						
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-
Percent moisture	%	-	-	-	-	-
pH	s.u.	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-
Total solids	%	-	97.7	-	-	-
Total volatile solids	%	-	-	-	-	-

Notes:

greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

(Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 31 (SW Corner)*	*U Area-Grid 32*	*U Area-Grid 32*	*U Area-Grids 32, 33, 34, 37, 38*	*U Area-Grid 33*
Sample ID:			*S-111703-SW-017*	*S-JSH-355*	*S-2939-040403-SW-001*	*S-2939-040403-SW-013*	*S-JSH-356*
Sample Date:			*11/17/2003*	*6/25/2000*	*4/4/2003*	*4/4/2003*	*6/25/2000*
Sample Depth:			*1.5 ft*	*0-0.1 ft BGS*	*-*	*-*	*0-0.1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 31 (SW Corner)*	*U Area-Grid 32*	*U Area-Grid 32*	*U Area-Grids 32, 33, 34, 37, 38*	*U Area-Grid 33*
Sample ID:			*S-111703-SW-017*	*S-JSH-355*	*S-2939-040403-SW-001*	*S-2939-040403-SW-013*	*S-JSH-356*
Sample Date:			*11/17/2003*	*6/25/2000*	*4/4/2003*	*4/4/2003*	*6/25/2000*
Sample Depth:			*1.5 ft*	*0-0.1 ft BGS*	*-*	*-*	*0-0.1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-
3-Nitroaniline	µg/kg	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 31 (SW Corner)*	*U Area-Grid 32*	*U Area-Grid 32*	*U Area-Grids 32, 33, 34, 37, 38*	*U Area-Grid 33*
Sample ID:			*S-111703-SW-017*	*S-JSH-355*	*S-2939-040403-SW-001*	*S-2939-040403-SW-013*	*S-JSH-356*
Sample Date:			*11/17/2003*	*6/25/2000*	*4/4/2003*	*4/4/2003*	*6/25/2000*
Sample Depth:			*1.5 ft*	*0-0.1 ft BGS*	*-*	*-*	*0-0.1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 31 (SW Corner)*	*U Area-Grid 32*	*U Area-Grid 32*	*U Area-Grids 32, 33, 34, 37, 38*	*U Area-Grid 33*
Sample ID:			*S-111703-SW-017*	*S-JSH-355*	*S-2939-040403-SW-001*	*S-2939-040403-SW-013*	*S-JSH-356*
Sample Date:			*11/17/2003*	*6/25/2000*	*4/4/2003*	*4/4/2003*	*6/25/2000*
Sample Depth:			*1.5 ft*	*0-0.1 ft BGS*	*-*	*-*	*0-0.1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-
Metals							
Aluminum	µg/kg	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (640)	ND (3400)	ND (5700)	-	ND (3300)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (640)	ND (6700)	ND (11000)	-	ND (6700)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (640)	ND (3400)	ND (5700)	-	ND (3300)

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 31 (SW Corner)*	*U Area-Grid 32*	*U Area-Grid 32*	*U Area-Grids 32, 33, 34, 37, 38*	*U Area-Grid 33*
Sample ID:			*S-111703-SW-017*	*S-JSH-355*	*S-2939-040403-SW-001*	*S-2939-040403-SW-013*	*S-JSH-356*
Sample Date:			*11/17/2003*	*6/25/2000*	*4/4/2003*	*4/4/2003*	*6/25/2000*
Sample Depth:			*1.5 ft*	*0-0.1 ft BGS*	*-*	*-*	*0-0.1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (640)	ND (3400)	ND (5700)	-	ND (3300)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (640)	ND (3400)	ND (5700)	-	ND (3300)
Aroclor-1254 (PCB-1254)	µg/kg	-	770	53000	36000	-	41000
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (640)	8200	3000 J	-	7100
Total PCBs	µg/kg	-	770	61200	39000	-	48100
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	ND (220)	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	860000	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 31 (SW Corner)*	*U Area-Grid 32*	*U Area-Grid 32*	*U Area-Grids 32, 33, 34, 37, 38*	*U Area-Grid 33*
Sample ID:			*S-111703-SW-017*	*S-JSH-355*	*S-2939-040403-SW-001*	*S-2939-040403-SW-013*	*S-JSH-356*
Sample Date:			*11/17/2003*	*6/25/2000*	*4/4/2003*	*4/4/2003*	*6/25/2000*
Sample Depth:			*1.5 ft*	*0-0.1 ft BGS*	*-*	*-*	*0-0.1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	2160000	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	ND (5610)	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	1680000	-
Percent moisture	%	-	-	-	-	10.8	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	7.9	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	99	-	89.2	99.7
Total volatile solids	%	-	-	-	-	4.4	-

Notes:

greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

(Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 33*	*U Area-Grids 33, 34, 38-Trenches 1-5*	*U Area-Grid 33-Trench 1*	*U Area-Grid 33-Trench 2*
Sample ID:			*S-2939-040403-SW-002*	*S-2939-4-11-03-SW-053*	*S-2939-4-10-03-SW-047*	*S-2939-4-10-03-SW-048*
Sample Date:			*4/4/2003*	*4/11/2003*	*4/10/2003*	*4/10/2003*
Sample Depth:			*-*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*				
Volatiles						
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 33*	*U Area-Grids 33, 34, 38-Trenches 1-5*	*U Area-Grid 33-Trench 1*	*U Area-Grid 33-Trench 2*
Sample ID:			*S-2939-040403-SW-002*	*S-2939-4-11-03-SW-053*	*S-2939-4-10-03-SW-047*	*S-2939-4-10-03-SW-048*
Sample Date:			*4/4/2003*	*4/11/2003*	*4/10/2003*	*4/10/2003*
Sample Depth:			*-*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*				
Methyl cyclohexane	µg/kg	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-
3-Nitroaniline	µg/kg	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 33*	*U Area-Grids 33, 34, 38-Trenches 1-5*	*U Area-Grid 33-Trench 1*	*U Area-Grid 33-Trench 2*
Sample ID:			*S-2939-040403-SW-002*	*S-2939-4-11-03-SW-053*	*S-2939-4-10-03-SW-047*	*S-2939-4-10-03-SW-048*
Sample Date:			*4/4/2003*	*4/11/2003*	*4/10/2003*	*4/10/2003*
Sample Depth:			*-*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*				
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 33*	*U Area-Grids 33, 34, 38-Trenches 1-5*	*U Area-Grid 33-Trench 1*	*U Area-Grid 33-Trench 2*
Sample ID:			*S-2939-040403-SW-002*	*S-2939-4-11-03-SW-053*	*S-2939-4-10-03-SW-047*	*S-2939-4-10-03-SW-048*
Sample Date:			*4/4/2003*	*4/11/2003*	*4/10/2003*	*4/10/2003*
Sample Depth:			*-*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*				
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-
Metals						
Aluminum	µg/kg	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-
Calcium	µg/kg	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-
Iron	µg/kg	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-
Potassium	µg/kg	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-
Sodium	µg/kg	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-
PCBs						
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (5900)	-	ND (6000)	ND (6700)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (12000)	-	ND (12000)	ND (13000)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (5900)	-	ND (6000)	ND (6700)

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 33*	*U Area-Grids 33, 34, 38-Trenches 1-5*	*U Area-Grid 33-Trench 1*	*U Area-Grid 33-Trench 2*
Sample ID:			*S-2939-040403-SW-002*	*S-2939-4-11-03-SW-053*	*S-2939-4-10-03-SW-047*	*S-2939-4-10-03-SW-048*
Sample Date:			*4/4/2003*	*4/11/2003*	*4/10/2003*	*4/10/2003*
Sample Depth:			*-*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*				
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (5900)	-	ND (6000)	ND (6700)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (5900)	-	ND (6000)	-
Aroclor-1254 (PCB-1254)	µg/kg	-	35000	-	4000 J	66000
Aroclor-1260 (PCB-1260)	µg/kg	-	4000 J	-	ND (6000)	5000 J
Total PCBs	µg/kg	-	39000	-	4000	71000
Pesticides						
4,4'-DDD	µg/kg	180000	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-
Petroleum Hydrocarbons						
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	ND (240)	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	960000	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 33*	*U Area-Grids 33, 34, 38-Trenches 1-5*	*U Area-Grid 33-Trench 1*	*U Area-Grid 33-Trench 2*
Sample ID:			*S-2939-040403-SW-002*	*S-2939-4-11-03-SW-053*	*S-2939-4-10-03-SW-047*	*S-2939-4-10-03-SW-048*
Sample Date:			*4/4/2003*	*4/11/2003*	*4/10/2003*	*4/10/2003*
Sample Depth:			*-*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*				
General Chemistry						
Chemical oxygen demand (COD)	µg/kg	-	-	ND (302000)	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-
Nitrogen	µg/kg	-	-	ND (6050)	-	-
Oil and grease	µg/kg	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	715000	-	-
Percent moisture	%	-	-	17.3	-	-
pH	s.u.	-	-	-	-	-
pH (water)	s.u.	-	-	9.3	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-
Total solids	%	-	-	82.7	-	-
Total volatile solids	%	-	-	6.8	-	-

Notes:

greater than the Instrument Detection Limits.
D - Compounds at secondary dilution factor.
(Inorganics).
E - Exceed calibration range of GC/MS instrument (Organics).
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
R - Rejected.
S - Value determined by the method of standard Addition.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
X - Result may have been masked by the positive detection of another Aroclor.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 34*	*U Area-Grid 34*	*U Area-Grid 34-Trench 3*	*U Area-Grid 34-Trench 4*	*U Area-Grid 34-Trench 5*
Sample ID:			*S-JSH-357*	*S-2939-040403-SW-003*	*S-2939-4-11-03-SW-049*	*S-2939-4-11-03-SW-050*	*S-2939-4-11-03-SW-051*
Sample Date:			*6/25/2000*	*4/4/2003*	*4/11/2003*	*4/11/2003*	*4/11/2003*
Sample Depth:			*0-0.1 ft BGS*	*-*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 34*	*U Area-Grid 34*	*U Area-Grid 34-Trench 3*	*U Area-Grid 34-Trench 4*	*U Area-Grid 34-Trench 5*
Sample ID:			*S-JSH-357*	*S-2939-040403-SW-003*	*S-2939-4-11-03-SW-049*	*S-2939-4-11-03-SW-050*	*S-2939-4-11-03-SW-051*
Sample Date:			*6/25/2000*	*4/4/2003*	*4/11/2003*	*4/11/2003*	*4/11/2003*
Sample Depth:			*0-0.1 ft BGS*	*-*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-
3-Nitroaniline	µg/kg	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 34*	*U Area-Grid 34*	*U Area-Grid 34-Trench 3*	*U Area-Grid 34-Trench 4*	*U Area-Grid 34-Trench 5*
Sample ID:			*S-JSH-357*	*S-2939-040403-SW-003*	*S-2939-4-11-03-SW-049*	*S-2939-4-11-03-SW-050*	*S-2939-4-11-03-SW-051*
Sample Date:			*6/25/2000*	*4/4/2003*	*4/11/2003*	*4/11/2003*	*4/11/2003*
Sample Depth:			*0-0.1 ft BGS*	*-*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 34*	*U Area-Grid 34*	*U Area-Grid 34-Trench 3*	*U Area-Grid 34-Trench 4*	*U Area-Grid 34-Trench 5*
Sample ID:			*S-JSH-357*	*S-2939-040403-SW-003*	*S-2939-4-11-03-SW-049*	*S-2939-4-11-03-SW-050*	*S-2939-4-11-03-SW-051*
Sample Date:			*6/25/2000*	*4/4/2003*	*4/11/2003*	*4/11/2003*	*4/11/2003*
Sample Depth:			*0-0.1 ft BGS*	*-*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-
Metals							
Aluminum	µg/kg	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (3400)	ND (5900)	ND (6500)	ND (6500)	ND (6500)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (6800)	ND (12000)	ND (13000)	ND (13000)	ND (13000)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (3400)	ND (5900)	ND (6500)	ND (6500)	ND (6500)

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 34*	*U Area-Grid 34*	*U Area-Grid 34-Trench 3*	*U Area-Grid 34-Trench 4*	*U Area-Grid 34-Trench 5*
Sample ID:			*S-JSH-357*	*S-2939-040403-SW-003*	*S-2939-4-11-03-SW-049*	*S-2939-4-11-03-SW-050*	*S-2939-4-11-03-SW-051*
Sample Date:			*6/25/2000*	*4/4/2003*	*4/11/2003*	*4/11/2003*	*4/11/2003*
Sample Depth:			*0-0.1 ft BGS*	*-*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (3400)	ND (5900)	ND (6500)	ND (6500)	ND (6500)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (3400)	ND (5900)	ND (6500)	ND (6500)	ND (6500)
Aroclor-1254 (PCB-1254)	µg/kg	-	39000	14000	16000	8900	6800
Aroclor-1260 (PCB-1260)	µg/kg	-	9100	ND (5900)	ND (6500)	ND (6500)	ND (6500)
Total PCBs	µg/kg	-	48100	14000	16000	8900	6800
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 34*	*U Area-Grid 34*	*U Area-Grid 34-Trench 3*	*U Area-Grid 34-Trench 4*	*U Area-Grid 34-Trench 5*
Sample ID:			*S-JSH-357*	*S-2939-040403-SW-003*	*S-2939-4-11-03-SW-049*	*S-2939-4-11-03-SW-050*	*S-2939-4-11-03-SW-051*
Sample Date:			*6/25/2000*	*4/4/2003*	*4/11/2003*	*4/11/2003*	*4/11/2003*
Sample Depth:			*0-0.1 ft BGS*	*-*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	98.5	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-

Notes:

greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

(Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 35*	*U Area-Grid 35*	*U Area-Grids 35, 36, 39, 40, 41*	*U Area-Grids 35, 36, 39, 40, 41-TR 3-12*
Sample ID:			*S-JSH-358*	*S-2939-040403-SW-004*	*S-2939-040403-SW-014*	*S-2939-4-14-03-SW-070*
Sample Date:			*6/25/2000*	*4/4/2003*	*4/4/2003*	*4/14/2003*
Sample Depth:			*0-0.1 ft BGS*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*				
Volatiles						
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 35*	*U Area-Grid 35*	*U Area-Grids 35, 36, 39, 40, 41*	*U Area-Grids 35, 36, 39, 40, 41-TR 3-12*
Sample ID:			*S-JSH-358*	*S-2939-040403-SW-004*	*S-2939-040403-SW-014*	*S-2939-4-14-03-SW-070*
Sample Date:			*6/25/2000*	*4/4/2003*	*4/4/2003*	*4/14/2003*
Sample Depth:			*0-0.1 ft BGS*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*				
Methyl cyclohexane	µg/kg	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-
3-Nitroaniline	µg/kg	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 35*	*U Area-Grid 35*	*U Area-Grids 35, 36, 39, 40, 41*	*U Area-Grids 35, 36, 39, 40, 41-TR 3-12*
Sample ID:			*S-JSH-358*	*S-2939-040403-SW-004*	*S-2939-040403-SW-014*	*S-2939-4-14-03-SW-070*
Sample Date:			*6/25/2000*	*4/4/2003*	*4/4/2003*	*4/14/2003*
Sample Depth:			*0-0.1 ft BGS*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*				
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 35*	*U Area-Grid 35*	*U Area-Grids 35, 36, 39, 40, 41*	*U Area-Grids 35, 36, 39, 40, 41-TR 3-12*
Sample ID:			*S-JSH-358*	*S-2939-040403-SW-004*	*S-2939-040403-SW-014*	*S-2939-4-14-03-SW-070*
Sample Date:			*6/25/2000*	*4/4/2003*	*4/4/2003*	*4/14/2003*
Sample Depth:			*0-0.1 ft BGS*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*				
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-
Metals						
Aluminum	µg/kg	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-
Calcium	µg/kg	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-
Iron	µg/kg	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-
Potassium	µg/kg	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-
Sodium	µg/kg	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-
PCBs						
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (3300)	ND (6600)	-	-
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (6700)	ND (13000)	-	-
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (3300)	ND (6600)	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 35*	*U Area-Grid 35*	*U Area-Grids 35, 36, 39, 40, 41*	*U Area-Grids 35, 36, 39, 40, 41-TR 3-12*
Sample ID:			*S-JSH-358*	*S-2939-040403-SW-004*	*S-2939-040403-SW-014*	*S-2939-4-14-03-SW-070*
Sample Date:			*6/25/2000*	*4/4/2003*	*4/4/2003*	*4/14/2003*
Sample Depth:			*0-0.1 ft BGS*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*				
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (3300)	ND (6600)	-	-
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (3300)	ND (6600)	-	-
Aroclor-1254 (PCB-1254)	µg/kg	-	24000	35000	-	-
Aroclor-1260 (PCB-1260)	µg/kg	-	9300	9800	-	-
Total PCBs	µg/kg	-	33300	44800	-	-
Pesticides						
4,4'-DDD	µg/kg	180000	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-
Petroleum Hydrocarbons						
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	ND (220)	ND (240)
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	2100000	1000000
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 35*	*U Area-Grid 35*	*U Area-Grids 35, 36, 39, 40, 41*	*U Area-Grids 35, 36, 39, 40, 41-TR 3-12*
Sample ID:			*S-JSH-358*	*S-2939-040403-SW-004*	*S-2939-040403-SW-014*	*S-2939-4-14-03-SW-070*
Sample Date:			*6/25/2000*	*4/4/2003*	*4/4/2003*	*4/14/2003*
Sample Depth:			*0-0.1 ft BGS*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*				
General Chemistry						
Chemical oxygen demand (COD)	µg/kg	-	-	-	1340000	ND (305000)
Cyanide (total)	µg/kg	10000000	-	-	-	-
Nitrogen	µg/kg	-	-	-	ND (5560)	ND (6100)
Oil and grease	µg/kg	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	2270000	2690000
Percent moisture	%	-	-	-	10	18.0
pH	s.u.	-	-	-	-	-
pH (water)	s.u.	-	-	-	8.0	10.1
Total organic carbon (TOC)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-
Total solids	%	-	99.2	-	90.0	82.0
Total volatile solids	%	-	-	-	4.0	3.2

Notes:

greater than the Instrument Detection Limits.
D - Compounds at secondary dilution factor.
(Inorganics).
E - Exceed calibration range of GC/MS instrument (Organics).
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
R - Rejected.
S - Value determined by the method of standard Addition.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
X - Result may have been masked by the positive detection of another Aroclor.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 35-Trench 6*	*U Area-Grid 35-Trench 7*	*U Area-Grid 35-Trench 8*	*U Area-Grid 35-Trench 9*
Sample ID:			*S-2939-4-11-03-SW-054*	*S-2939-4-11-03-SW-055*	*S-2939-4-11-03-SW-056*	*S-2939-4-11-03-SW-057*
Sample Date:			*4/11/2003*	*4/11/2003*	*4/11/2003*	*4/11/2003*
Sample Depth:			*-*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*				
Volatiles						
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 35-Trench 6*	*U Area-Grid 35-Trench 7*	*U Area-Grid 35-Trench 8*	*U Area-Grid 35-Trench 9*
Sample ID:			*S-2939-4-11-03-SW-054*	*S-2939-4-11-03-SW-055*	*S-2939-4-11-03-SW-056*	*S-2939-4-11-03-SW-057*
Sample Date:			*4/11/2003*	*4/11/2003*	*4/11/2003*	*4/11/2003*
Sample Depth:			*-*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*				
Methyl cyclohexane	µg/kg	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-
3-Nitroaniline	µg/kg	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 35-Trench 6*	*U Area-Grid 35-Trench 7*	*U Area-Grid 35-Trench 8*	*U Area-Grid 35-Trench 9*
Sample ID:			*S-2939-4-11-03-SW-054*	*S-2939-4-11-03-SW-055*	*S-2939-4-11-03-SW-056*	*S-2939-4-11-03-SW-057*
Sample Date:			*4/11/2003*	*4/11/2003*	*4/11/2003*	*4/11/2003*
Sample Depth:			*-*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*				
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 35-Trench 6*	*U Area-Grid 35-Trench 7*	*U Area-Grid 35-Trench 8*	*U Area-Grid 35-Trench 9*
Sample ID:			*S-2939-4-11-03-SW-054*	*S-2939-4-11-03-SW-055*	*S-2939-4-11-03-SW-056*	*S-2939-4-11-03-SW-057*
Sample Date:			*4/11/2003*	*4/11/2003*	*4/11/2003*	*4/11/2003*
Sample Depth:			*-*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*				
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-
Metals						
Aluminum	µg/kg	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-
Calcium	µg/kg	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-
Iron	µg/kg	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-
Potassium	µg/kg	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-
Sodium	µg/kg	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-
PCBs						
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (6000)	ND (6400)	ND (6700)	ND (5800)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (12000)	ND (13000)	ND (13000)	ND (12000)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (6000)	ND (6400)	ND (6700)	ND (5800)

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 35-Trench 6*	*U Area-Grid 35-Trench 7*	*U Area-Grid 35-Trench 8*	*U Area-Grid 35-Trench 9*
Sample ID:			*S-2939-4-11-03-SW-054*	*S-2939-4-11-03-SW-055*	*S-2939-4-11-03-SW-056*	*S-2939-4-11-03-SW-057*
Sample Date:			*4/11/2003*	*4/11/2003*	*4/11/2003*	*4/11/2003*
Sample Depth:			*-*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*				
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (6000)	ND (6400)	ND (6700)	ND (5800)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (6000)	ND (6400)	ND (6700)	ND (5800)
Aroclor-1254 (PCB-1254)	µg/kg	-	31000	31000	4000 J	11000
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (6000)	ND (6400)	ND (6700)	ND (5800)
Total PCBs	µg/kg	-	31000	31000	4000	11000
Pesticides						
4,4'-DDD	µg/kg	180000	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-
Petroleum Hydrocarbons						
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 35-Trench 6*	*U Area-Grid 35-Trench 7*	*U Area-Grid 35-Trench 8*	*U Area-Grid 35-Trench 9*
Sample ID:			*S-2939-4-11-03-SW-054*	*S-2939-4-11-03-SW-055*	*S-2939-4-11-03-SW-056*	*S-2939-4-11-03-SW-057*
Sample Date:			*4/11/2003*	*4/11/2003*	*4/11/2003*	*4/11/2003*
Sample Depth:			*-*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*				
General Chemistry						
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-
Percent moisture	%	-	-	-	-	-
pH	s.u.	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-
Total solids	%	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-

Notes:

greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

(Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 36*	*U Area-Grid 36*	*U Area-Grid 36-Trench 10*	*U Area-Grid 36-Trench 11*	*U Area-Grid 36-Trench 12*
Sample ID:			*S-JSH-359*	*S-2939-040403-SW-005*	*S-2939-4-11-03-SW-058*	*S-2939-4-11-03-SW-059*	*S-2939-4-11-03-SW-060*
Sample Date:			*6/25/2000*	*4/4/2003*	*4/11/2003*	*4/11/2003*	*4/11/2003*
Sample Depth:			*0-0.1 ft BGS*	*-*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 36*	*U Area-Grid 36*	*U Area-Grid 36-Trench 10*	*U Area-Grid 36-Trench 11*	*U Area-Grid 36-Trench 12*
Sample ID:			*S-JSH-359*	*S-2939-040403-SW-005*	*S-2939-4-11-03-SW-058*	*S-2939-4-11-03-SW-059*	*S-2939-4-11-03-SW-060*
Sample Date:			*6/25/2000*	*4/4/2003*	*4/11/2003*	*4/11/2003*	*4/11/2003*
Sample Depth:			*0-0.1 ft BGS*	*-*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-
3-Nitroaniline	µg/kg	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 36*	*U Area-Grid 36*	*U Area-Grid 36-Trench 10*	*U Area-Grid 36-Trench 11*	*U Area-Grid 36-Trench 12*
Sample ID:			*S-JSH-359*	*S-2939-040403-SW-005*	*S-2939-4-11-03-SW-058*	*S-2939-4-11-03-SW-059*	*S-2939-4-11-03-SW-060*
Sample Date:			*6/25/2000*	*4/4/2003*	*4/11/2003*	*4/11/2003*	*4/11/2003*
Sample Depth:			*0-0.1 ft BGS*	*-*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 36*	*U Area-Grid 36*	*U Area-Grid 36-Trench 10*	*U Area-Grid 36-Trench 11*	*U Area-Grid 36-Trench 12*
Sample ID:			*S-JSH-359*	*S-2939-040403-SW-005*	*S-2939-4-11-03-SW-058*	*S-2939-4-11-03-SW-059*	*S-2939-4-11-03-SW-060*
Sample Date:			*6/25/2000*	*4/4/2003*	*4/11/2003*	*4/11/2003*	*4/11/2003*
Sample Depth:			*0-0.1 ft BGS*	*-*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-
Metals							
Aluminum	µg/kg	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (6700)	ND (5500)	ND (6200)	ND (6500)	ND (6200)
Aroclor-1221 (PCB-1221)	µg/kg	-	13000	ND (11000)	ND (12000)	ND (13000)	ND (12000)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (6700)	ND (5500)	ND (6200)	ND (6500)	ND (6200)

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 36*	*U Area-Grid 36*	*U Area-Grid 36-Trench 10*	*U Area-Grid 36-Trench 11*	*U Area-Grid 36-Trench 12*
Sample ID:			*S-JSH-359*	*S-2939-040403-SW-005*	*S-2939-4-11-03-SW-058*	*S-2939-4-11-03-SW-059*	*S-2939-4-11-03-SW-060*
Sample Date:			*6/25/2000*	*4/4/2003*	*4/11/2003*	*4/11/2003*	*4/11/2003*
Sample Depth:			*0-0.1 ft BGS*	*-*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (6700)	ND (5500)	ND (6200)	ND (6500)	ND (6200)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (6700)	ND (5500)	ND (6200)	ND (6500)	ND (6200)
Aroclor-1254 (PCB-1254)	µg/kg	-	49000	40000	15000	7000	17000
Aroclor-1260 (PCB-1260)	µg/kg	-	7000	6000	ND (6200)	ND (6500)	ND (6200)
Total PCBs	µg/kg	-	69000	46000	15000	7000	17000
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 36*	*U Area-Grid 36*	*U Area-Grid 36-Trench 10*	*U Area-Grid 36-Trench 11*	*U Area-Grid 36-Trench 12*
Sample ID:			*S-JSH-359*	*S-2939-040403-SW-005*	*S-2939-4-11-03-SW-058*	*S-2939-4-11-03-SW-059*	*S-2939-4-11-03-SW-060*
Sample Date:			*6/25/2000*	*4/4/2003*	*4/11/2003*	*4/11/2003*	*4/11/2003*
Sample Depth:			*0-0.1 ft BGS*	*-*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	99.8	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-

Notes:

greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

(Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 37*	*U Area-Grid 37*	*U Area-Grid 38*	*U Area-Grid 38*	*U Area-Grid 38-Trench 2*
Sample ID:			*S-JSH-360*	*S-2939-040403-SW-006*	*S-JSH-361*	*S-2939-040403-SW-007*	*S-2939-4-11-03-SW-052*
Sample Date:			*6/25/2000*	*4/4/2003*	*6/25/2000*	*4/4/2003*	*4/11/2003*
Sample Depth:			*0-0.1 ft BGS*	*-*	*0-0.1 ft BGS*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 37*	*U Area-Grid 37*	*U Area-Grid 38*	*U Area-Grid 38*	*U Area-Grid 38-Trench 2*
Sample ID:			*S-JSH-360*	*S-2939-040403-SW-006*	*S-JSH-361*	*S-2939-040403-SW-007*	*S-2939-4-11-03-SW-052*
Sample Date:			*6/25/2000*	*4/4/2003*	*6/25/2000*	*4/4/2003*	*4/11/2003*
Sample Depth:			*0-0.1 ft BGS*	*-*	*0-0.1 ft BGS*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-
3-Nitroaniline	µg/kg	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 37*	*U Area-Grid 37*	*U Area-Grid 38*	*U Area-Grid 38*	*U Area-Grid 38-Trench 2*
Sample ID:			*S-JSH-360*	*S-2939-040403-SW-006*	*S-JSH-361*	*S-2939-040403-SW-007*	*S-2939-4-11-03-SW-052*
Sample Date:			*6/25/2000*	*4/4/2003*	*6/25/2000*	*4/4/2003*	*4/11/2003*
Sample Depth:			*0-0.1 ft BGS*	*-*	*0-0.1 ft BGS*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 37*	*U Area-Grid 37*	*U Area-Grid 38*	*U Area-Grid 38*	*U Area-Grid 38-Trench 2*
Sample ID:			*S-JSH-360*	*S-2939-040403-SW-006*	*S-JSH-361*	*S-2939-040403-SW-007*	*S-2939-4-11-03-SW-052*
Sample Date:			*6/25/2000*	*4/4/2003*	*6/25/2000*	*4/4/2003*	*4/11/2003*
Sample Depth:			*0-0.1 ft BGS*	*-*	*0-0.1 ft BGS*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-
Metals							
Aluminum	µg/kg	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (3400)	ND (5900)	ND (3400)	ND (5600)	ND (6200)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (6700)	ND (12000)	ND (6700)	ND (11000)	ND (12000)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (3400)	ND (5900)	ND (3400)	ND (5600)	ND (6200)

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 37*	*U Area-Grid 37*	*U Area-Grid 38*	*U Area-Grid 38*	*U Area-Grid 38-Trench 2*
Sample ID:			*S-JSH-360*	*S-2939-040403-SW-006*	*S-JSH-361*	*S-2939-040403-SW-007*	*S-2939-4-11-03-SW-052*
Sample Date:			*6/25/2000*	*4/4/2003*	*6/25/2000*	*4/4/2003*	*4/11/2003*
Sample Depth:			*0-0.1 ft BGS*	*-*	*0-0.1 ft BGS*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (3400)	ND (5900)	ND (3400)	ND (5600)	ND (6200)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (3400)	ND (5900)	ND (3400)	ND (5600)	ND (6200)
Aroclor-1254 (PCB-1254)	µg/kg	-	29000	31000	18000	43000	31000
Aroclor-1260 (PCB-1260)	µg/kg	-	5900	7400	ND (3400)	7600	ND (6200)
Total PCBs	µg/kg	-	34900	38400	18000	50600	31000
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 37*	*U Area-Grid 37*	*U Area-Grid 38*	*U Area-Grid 38*	*U Area-Grid 38-Trench 2*
Sample ID:			*S-JSH-360*	*S-2939-040403-SW-006*	*S-JSH-361*	*S-2939-040403-SW-007*	*S-2939-4-11-03-SW-052*
Sample Date:			*6/25/2000*	*4/4/2003*	*6/25/2000*	*4/4/2003*	*4/11/2003*
Sample Depth:			*0-0.1 ft BGS*	*-*	*0-0.1 ft BGS*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	99.3	-	99.4	-	-
Total volatile solids	%	-	-	-	-	-	-

Notes:

greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

(Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 39*	*U Area-Grid 39*	*U Area-Grid 39-Trench 3*	*U Area-Grid 39-Trench 4*	*U Area-Grid 39-Trench 5*
Sample ID:			*S-JSH-362*	*S-2939-040403-SW-008*	*S-2939-4-11-03-SW-061*	*S-2939-4-11-03-SW-062*	*S-2939-4-11-03-SW-063*
Sample Date:			*6/25/2000*	*4/4/2003*	*4/11/2003*	*4/11/2003*	*4/11/2003*
Sample Depth:			*0-0.1 ft BGS*	*-*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 39*	*U Area-Grid 39*	*U Area-Grid 39-Trench 3*	*U Area-Grid 39-Trench 4*	*U Area-Grid 39-Trench 5*
Sample ID:			*S-JSH-362*	*S-2939-040403-SW-008*	*S-2939-4-11-03-SW-061*	*S-2939-4-11-03-SW-062*	*S-2939-4-11-03-SW-063*
Sample Date:			*6/25/2000*	*4/4/2003*	*4/11/2003*	*4/11/2003*	*4/11/2003*
Sample Depth:			*0-0.1 ft BGS*	*-*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-
3-Nitroaniline	µg/kg	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 39*	*U Area-Grid 39*	*U Area-Grid 39-Trench 3*	*U Area-Grid 39-Trench 4*	*U Area-Grid 39-Trench 5*
Sample ID:			*S-JSH-362*	*S-2939-040403-SW-008*	*S-2939-4-11-03-SW-061*	*S-2939-4-11-03-SW-062*	*S-2939-4-11-03-SW-063*
Sample Date:			*6/25/2000*	*4/4/2003*	*4/11/2003*	*4/11/2003*	*4/11/2003*
Sample Depth:			*0-0.1 ft BGS*	*-*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 39*	*U Area-Grid 39*	*U Area-Grid 39-Trench 3*	*U Area-Grid 39-Trench 4*	*U Area-Grid 39-Trench 5*
Sample ID:			*S-JSH-362*	*S-2939-040403-SW-008*	*S-2939-4-11-03-SW-061*	*S-2939-4-11-03-SW-062*	*S-2939-4-11-03-SW-063*
Sample Date:			*6/25/2000*	*4/4/2003*	*4/11/2003*	*4/11/2003*	*4/11/2003*
Sample Depth:			*0-0.1 ft BGS*	*-*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-
Metals							
Aluminum	µg/kg	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (6700)	ND (11000)	ND (6300)	ND (6500)	ND (5900)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (13000)	ND (23000)	ND (13000)	ND (13000)	ND (12000)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (6700)	ND (11000)	ND (6300)	ND (6500)	ND (5900)

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 39*	*U Area-Grid 39*	*U Area-Grid 39-Trench 3*	*U Area-Grid 39-Trench 4*	*U Area-Grid 39-Trench 5*
Sample ID:			*S-JSH-362*	*S-2939-040403-SW-008*	*S-2939-4-11-03-SW-061*	*S-2939-4-11-03-SW-062*	*S-2939-4-11-03-SW-063*
Sample Date:			*6/25/2000*	*4/4/2003*	*4/11/2003*	*4/11/2003*	*4/11/2003*
Sample Depth:			*0-0.1 ft BGS*	*-*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (6700)	ND (11000)	ND (6300)	ND (6500)	ND (5900)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (6700)	ND (11000)	ND (6300)	ND (6500)	ND (5900)
Aroclor-1254 (PCB-1254)	µg/kg	-	83000	120000	12000	28000	9100
Aroclor-1260 (PCB-1260)	µg/kg	-	44000	27000	ND (6300)	4000 J	ND (5900)
Total PCBs	µg/kg	-	127000	147000	12000	32000	9100
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 39*	*U Area-Grid 39*	*U Area-Grid 39-Trench 3*	*U Area-Grid 39-Trench 4*	*U Area-Grid 39-Trench 5*
Sample ID:			*S-JSH-362*	*S-2939-040403-SW-008*	*S-2939-4-11-03-SW-061*	*S-2939-4-11-03-SW-062*	*S-2939-4-11-03-SW-063*
Sample Date:			*6/25/2000*	*4/4/2003*	*4/11/2003*	*4/11/2003*	*4/11/2003*
Sample Depth:			*0-0.1 ft BGS*	*-*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	99	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-

Notes:

greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

(Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 39-Trench 9*	*U Area-Grid 40*	*U Area-Grid 40*	*U Area-Grid 40-Trench 6*	*U Area-Grid 40-Trench 7*
Sample ID:			*S-2939-4-14-03-SW-067*	*S-JSH-363*	*S-2939-040403-SW-009*	*S-2939-4-11-03-SW-064*	*S-2939-4-11-03-SW-065*
Sample Date:			*4/14/2003*	*6/25/2000*	*4/4/2003*	*4/11/2003*	*4/11/2003*
Sample Depth:			*-*	*0-0.1 ft BGS*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 39-Trench 9*	*U Area-Grid 40*	*U Area-Grid 40*	*U Area-Grid 40-Trench 6*	*U Area-Grid 40-Trench 7*
Sample ID:			*S-2939-4-14-03-SW-067*	*S-JSH-363*	*S-2939-040403-SW-009*	*S-2939-4-11-03-SW-064*	*S-2939-4-11-03-SW-065*
Sample Date:			*4/14/2003*	*6/25/2000*	*4/4/2003*	*4/11/2003*	*4/11/2003*
Sample Depth:			*-*	*0-0.1 ft BGS*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-
3-Nitroaniline	µg/kg	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 39-Trench 9*	*U Area-Grid 40*	*U Area-Grid 40*	*U Area-Grid 40-Trench 6*	*U Area-Grid 40-Trench 7*
Sample ID:			*S-2939-4-14-03-SW-067*	*S-JSH-363*	*S-2939-040403-SW-009*	*S-2939-4-11-03-SW-064*	*S-2939-4-11-03-SW-065*
Sample Date:			*4/14/2003*	*6/25/2000*	*4/4/2003*	*4/11/2003*	*4/11/2003*
Sample Depth:			*-*	*0-0.1 ft BGS*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 39-Trench 9*	*U Area-Grid 40*	*U Area-Grid 40*	*U Area-Grid 40-Trench 6*	*U Area-Grid 40-Trench 7*
Sample ID:			*S-2939-4-14-03-SW-067*	*S-JSH-363*	*S-2939-040403-SW-009*	*S-2939-4-11-03-SW-064*	*S-2939-4-11-03-SW-065*
Sample Date:			*4/14/2003*	*6/25/2000*	*4/4/2003*	*4/11/2003*	*4/11/2003*
Sample Depth:			*-*	*0-0.1 ft BGS*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-
Metals							
Aluminum	µg/kg	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (5700)	ND (6700)	ND (5600)	ND (6600)	ND (6200)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (11000)	ND (13000)	ND (11000)	ND (13000)	ND (12000)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (5700)	ND (6700)	ND (5600)	ND (6600)	ND (6200)

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 39-Trench 9*	*U Area-Grid 40*	*U Area-Grid 40*	*U Area-Grid 40-Trench 6*	*U Area-Grid 40-Trench 7*
Sample ID:			*S-2939-4-14-03-SW-067*	*S-JSH-363*	*S-2939-040403-SW-009*	*S-2939-4-11-03-SW-064*	*S-2939-4-11-03-SW-065*
Sample Date:			*4/14/2003*	*6/25/2000*	*4/4/2003*	*4/11/2003*	*4/11/2003*
Sample Depth:			*-*	*0-0.1 ft BGS*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (5700)	ND (6700)	ND (5600)	ND (6600)	ND (6200)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (5700)	ND (6700)	ND (5600)	ND (6600)	ND (6200)
Aroclor-1254 (PCB-1254)	µg/kg	-	9000	60000	46000	6000 J	20000
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (5700)	22000	13000	ND (6600)	ND (6200)
Total PCBs	µg/kg	-	9000	82000	59000	6000	20000
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 39-Trench 9*	*U Area-Grid 40*	*U Area-Grid 40*	*U Area-Grid 40-Trench 6*	*U Area-Grid 40-Trench 7*
Sample ID:			*S-2939-4-14-03-SW-067*	*S-JSH-363*	*S-2939-040403-SW-009*	*S-2939-4-11-03-SW-064*	*S-2939-4-11-03-SW-065*
Sample Date:			*4/14/2003*	*6/25/2000*	*4/4/2003*	*4/11/2003*	*4/11/2003*
Sample Depth:			*-*	*0-0.1 ft BGS*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	99.4	-	-	-
Total volatile solids	%	-	-	-	-	-	-

Notes:

greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

(Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 40-Trench 8*	*U Area-Grid 40-Trench 10*	*U Area-Grid 40-Trench 11*	*U Area-Grid 41*	*U Area-Grid 41*
Sample ID:			*S-2939-4-11-03-SW-066*	*S-2939-4-14-03-SW-068*	*S-2939-4-14-03-SW-069*	*S-JSH-364*	*S-2939-040403-SW-010*
Sample Date:			*4/11/2003*	*4/14/2003*	*4/14/2003*	*6/25/2000*	*4/4/2003*
Sample Depth:			*-*	*-*	*-*	*0-0.1 ft BGS*	*-*
Parameter	*Units*	*RUSCO Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 40-Trench 8*	*U Area-Grid 40-Trench 10*	*U Area-Grid 40-Trench 11*	*U Area-Grid 41*	*U Area-Grid 41*
Sample ID:			*S-2939-4-11-03-SW-066*	*S-2939-4-14-03-SW-068*	*S-2939-4-14-03-SW-069*	*S-JSH-364*	*S-2939-040403-SW-010*
Sample Date:			*4/11/2003*	*4/14/2003*	*4/14/2003*	*6/25/2000*	*4/4/2003*
Sample Depth:			*-*	*-*	*-*	*0-0.1 ft BGS*	*-*
Parameter	*Units*	*RUSCO Criteria*					
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-
3-Nitroaniline	µg/kg	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 40-Trench 8*	*U Area-Grid 40-Trench 10*	*U Area-Grid 40-Trench 11*	*U Area-Grid 41*	*U Area-Grid 41*
Sample ID:			*S-2939-4-11-03-SW-066*	*S-2939-4-14-03-SW-068*	*S-2939-4-14-03-SW-069*	*S-JSH-364*	*S-2939-040403-SW-010*
Sample Date:			*4/11/2003*	*4/14/2003*	*4/14/2003*	*6/25/2000*	*4/4/2003*
Sample Depth:			*-*	*-*	*-*	*0-0.1 ft BGS*	*-*
Parameter	*Units*	*RUSCO Criteria*					
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 40-Trench 8*	*U Area-Grid 40-Trench 10*	*U Area-Grid 40-Trench 11*	*U Area-Grid 41*	*U Area-Grid 41*
Sample ID:			*S-2939-4-11-03-SW-066*	*S-2939-4-14-03-SW-068*	*S-2939-4-14-03-SW-069*	*S-JSH-364*	*S-2939-040403-SW-010*
Sample Date:			*4/11/2003*	*4/14/2003*	*4/14/2003*	*6/25/2000*	*4/4/2003*
Sample Depth:			*-*	*-*	*-*	*0-0.1 ft BGS*	*-*
Parameter	*Units*	*RUSCO Criteria*					
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-
Metals							
Aluminum	µg/kg	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (6100)	ND (5700)	ND (5800)	ND (3400)	ND (5600)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (12000)	ND (11000)	ND (12000)	ND (6700)	ND (11000)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (6100)	ND (5700)	ND (5800)	ND (3400)	ND (5600)

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 40-Trench 8*	*U Area-Grid 40-Trench 10*	*U Area-Grid 40-Trench 11*	*U Area-Grid 41*	*U Area-Grid 41*
Sample ID:			*S-2939-4-11-03-SW-066*	*S-2939-4-14-03-SW-068*	*S-2939-4-14-03-SW-069*	*S-JSH-364*	*S-2939-040403-SW-010*
Sample Date:			*4/11/2003*	*4/14/2003*	*4/14/2003*	*6/25/2000*	*4/4/2003*
Sample Depth:			*-*	*-*	*-*	*0-0.1 ft BGS*	*-*
Parameter	*Units*	*RUSCO Criteria*					
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (6100)	ND (5700)	ND (5800)	ND (3400)	ND (5600)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (6100)	ND (5700)	ND (5800)	ND (3400)	ND (5600)
Aroclor-1254 (PCB-1254)	µg/kg	-	56000	14000	5000 J	33000	63000
Aroclor-1260 (PCB-1260)	µg/kg	-	13000	ND (5700)	ND (5800)	8600	9400
Total PCBs	µg/kg	-	69000	14000	5000	41600	72400
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 40-Trench 8*	*U Area-Grid 40-Trench 10*	*U Area-Grid 40-Trench 11*	*U Area-Grid 41*	*U Area-Grid 41*
Sample ID:			*S-2939-4-11-03-SW-066*	*S-2939-4-14-03-SW-068*	*S-2939-4-14-03-SW-069*	*S-JSH-364*	*S-2939-040403-SW-010*
Sample Date:			*4/11/2003*	*4/14/2003*	*4/14/2003*	*6/25/2000*	*4/4/2003*
Sample Depth:			*-*	*-*	*-*	*0-0.1 ft BGS*	*-*
Parameter	*Units*	*RUSCO Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	-	-	99.2	-
Total volatile solids	%	-	-	-	-	-	-

Notes:

greater than the Instrument Detection Limits.
D - Compounds at secondary dilution factor.
(Inorganics).
E - Exceed calibration range of GC/MS instrument (Organics).
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
R - Rejected.
S - Value determined by the method of standard Addition.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
X - Result may have been masked by the positive detection of another Aroclor.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 42*	*U Area-Grid 42*	*U Area-Grids 42, 43*	*U Area-Grids 42, 43-Trenches 6-11*
Sample ID:			*S-JSH-365*	*S-2939-040403-SW-011*	*S-2939-040403-SW-015*	*S-2939-4-14-03-SW-077*
Sample Date:			*6/25/2000*	*4/4/2003*	*4/4/2003*	*4/14/2003*
Sample Depth:			*0-0.1 ft BGS*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*				
Volatiles						
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 42*	*U Area-Grid 42*	*U Area-Grids 42, 43*	*U Area-Grids 42, 43-Trenches 6-11*
Sample ID:			*S-JSH-365*	*S-2939-040403-SW-011*	*S-2939-040403-SW-015*	*S-2939-4-14-03-SW-077*
Sample Date:			*6/25/2000*	*4/4/2003*	*4/4/2003*	*4/14/2003*
Sample Depth:			*0-0.1 ft BGS*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*				
Methyl cyclohexane	µg/kg	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-
3-Nitroaniline	µg/kg	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 42*	*U Area-Grid 42*	*U Area-Grids 42, 43*	*U Area-Grids 42, 43-Trenches 6-11*
Sample ID:			*S-JSH-365*	*S-2939-040403-SW-011*	*S-2939-040403-SW-015*	*S-2939-4-14-03-SW-077*
Sample Date:			*6/25/2000*	*4/4/2003*	*4/4/2003*	*4/14/2003*
Sample Depth:			*0-0.1 ft BGS*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*				
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 42*	*U Area-Grid 42*	*U Area-Grids 42, 43*	*U Area-Grids 42, 43-Trenches 6-11*
Sample ID:			*S-JSH-365*	*S-2939-040403-SW-011*	*S-2939-040403-SW-015*	*S-2939-4-14-03-SW-077*
Sample Date:			*6/25/2000*	*4/4/2003*	*4/4/2003*	*4/14/2003*
Sample Depth:			*0-0.1 ft BGS*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*				
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-
Metals						
Aluminum	µg/kg	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-
Calcium	µg/kg	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-
Iron	µg/kg	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-
Potassium	µg/kg	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-
Sodium	µg/kg	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-
PCBs						
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (6700)	ND (11000)	-	-
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (13000)	ND (22000)	-	-
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (6700)	ND (11000)	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 42*	*U Area-Grid 42*	*U Area-Grids 42, 43*	*U Area-Grids 42, 43-Trenches 6-11*
Sample ID:			*S-JSH-365*	*S-2939-040403-SW-011*	*S-2939-040403-SW-015*	*S-2939-4-14-03-SW-077*
Sample Date:			*6/25/2000*	*4/4/2003*	*4/4/2003*	*4/14/2003*
Sample Depth:			*0-0.1 ft BGS*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*				
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (6700)	ND (11000)	-	-
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (6700)	ND (11000)	-	-
Aroclor-1254 (PCB-1254)	µg/kg	-	77000	83000	-	-
Aroclor-1260 (PCB-1260)	µg/kg	-	79000	160000	-	-
Total PCBs	µg/kg	-	156000	243000	-	-
Pesticides						
4,4'-DDD	µg/kg	180000	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-
Petroleum Hydrocarbons						
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	ND (220)	ND (230)
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	1500000	520000
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 42*	*U Area-Grid 42*	*U Area-Grids 42, 43*	*U Area-Grids 42, 43-Trenches 6-11*
Sample ID:			*S-JSH-365*	*S-2939-040403-SW-011*	*S-2939-040403-SW-015*	*S-2939-4-14-03-SW-077*
Sample Date:			*6/25/2000*	*4/4/2003*	*4/4/2003*	*4/14/2003*
Sample Depth:			*0-0.1 ft BGS*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*				
General Chemistry						
Chemical oxygen demand (COD)	µg/kg	-	-	-	1610000	675000
Cyanide (total)	µg/kg	10000000	-	-	-	-
Nitrogen	µg/kg	-	-	-	ND (5570)	ND (5680)
Oil and grease	µg/kg	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	1650000	855000
Percent moisture	%	-	-	-	10.3	11.9
pH	s.u.	-	-	-	-	-
pH (water)	s.u.	-	-	-	8.0	11.2
Total organic carbon (TOC)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-
Total solids	%	-	99.4	-	89.7	88.1
Total volatile solids	%	-	-	-	2.9	2.6

Notes:

greater than the Instrument Detection Limits.
D - Compounds at secondary dilution factor.
(Inorganics).
E - Exceed calibration range of GC/MS instrument (Organics).
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
R - Rejected.
S - Value determined by the method of standard Addition.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
X - Result may have been masked by the positive detection of another Aroclor.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 42-Trench 6*	*U Area-Grid 42-Trench 7*	*U Area-Grid 42-Trench 7*	*U Area-Grid 42-Trench 8*
Sample ID:			*S-2939-4-14-03-SW-076*	*S-JSH-338*	*S-2939-4-14-03-SW-075*	*S-2939-4-14-03-SW-074*
Sample Date:			*4/14/2003*	*6/23/2000*	*4/14/2003*	*4/14/2003*
Sample Depth:			*-*	*0-2 ft BGS*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*				
Volatiles						
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 42-Trench 6*	*U Area-Grid 42-Trench 7*	*U Area-Grid 42-Trench 7*	*U Area-Grid 42-Trench 8*
Sample ID:			*S-2939-4-14-03-SW-076*	*S-JSH-338*	*S-2939-4-14-03-SW-075*	*S-2939-4-14-03-SW-074*
Sample Date:			*4/14/2003*	*6/23/2000*	*4/14/2003*	*4/14/2003*
Sample Depth:			*-*	*0-2 ft BGS*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*				
Methyl cyclohexane	µg/kg	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-
3-Nitroaniline	µg/kg	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 42-Trench 6*	*U Area-Grid 42-Trench 7*	*U Area-Grid 42-Trench 7*	*U Area-Grid 42-Trench 8*
Sample ID:			*S-2939-4-14-03-SW-076*	*S-JSH-338*	*S-2939-4-14-03-SW-075*	*S-2939-4-14-03-SW-074*
Sample Date:			*4/14/2003*	*6/23/2000*	*4/14/2003*	*4/14/2003*
Sample Depth:			*-*	*0-2 ft BGS*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*				
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 42-Trench 6*	*U Area-Grid 42-Trench 7*	*U Area-Grid 42-Trench 7*	*U Area-Grid 42-Trench 8*
Sample ID:			*S-2939-4-14-03-SW-076*	*S-JSH-338*	*S-2939-4-14-03-SW-075*	*S-2939-4-14-03-SW-074*
Sample Date:			*4/14/2003*	*6/23/2000*	*4/14/2003*	*4/14/2003*
Sample Depth:			*-*	*0-2 ft BGS*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*				
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-
Metals						
Aluminum	µg/kg	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-
Calcium	µg/kg	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-
Iron	µg/kg	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-
Potassium	µg/kg	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-
Sodium	µg/kg	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-
PCBs						
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (6000)	ND (4400)	ND (5800)	ND (5500)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (12000)	ND (8800)	ND (12000)	ND (11000)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (6000)	ND (4400)	ND (5800)	ND (5500)

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 42-Trench 6*	*U Area-Grid 42-Trench 7*	*U Area-Grid 42-Trench 7*	*U Area-Grid 42-Trench 8*
Sample ID:			*S-2939-4-14-03-SW-076*	*S-JSH-338*	*S-2939-4-14-03-SW-075*	*S-2939-4-14-03-SW-074*
Sample Date:			*4/14/2003*	*6/23/2000*	*4/14/2003*	*4/14/2003*
Sample Depth:			*-*	*0-2 ft BGS*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*				
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (6000)	ND (4400)	ND (5800)	ND (5500)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (6000)	ND (4400)	ND (5800)	ND (5500)
Aroclor-1254 (PCB-1254)	µg/kg	-	8900	24000	15000	ND (5500)
Aroclor-1260 (PCB-1260)	µg/kg	-	10000	43000	ND (5800)	ND (5500)
Total PCBs	µg/kg	-	18900	67000	15000	ND
Pesticides						
4,4'-DDD	µg/kg	180000	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-
Petroleum Hydrocarbons						
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 42-Trench 6*	*U Area-Grid 42-Trench 7*	*U Area-Grid 42-Trench 7*	*U Area-Grid 42-Trench 8*
Sample ID:			*S-2939-4-14-03-SW-076*	*S-JSH-338*	*S-2939-4-14-03-SW-075*	*S-2939-4-14-03-SW-074*
Sample Date:			*4/14/2003*	*6/23/2000*	*4/14/2003*	*4/14/2003*
Sample Depth:			*-*	*0-2 ft BGS*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*				
General Chemistry						
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-
Percent moisture	%	-	16.7	-	14.1	9.3
pH	s.u.	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-
Total solids	%	-	-	75.3	-	-
Total volatile solids	%	-	-	-	-	-

Notes:

greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

(Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 42-Trench 9*	*U Area-Grid 43*	*U Area-Grid 43*	*U Area-Grid 43-Trench 10*	*U Area-Grid 43-Trench 11*
Sample ID:			*S-2939-4-14-03-SW-073*	*S-JSH-366*	*S-2939-040403-SW-012*	*S-2939-4-14-03-SW-072*	*S-2939-4-14-03-SW-071*
Sample Date:			*4/14/2003*	*6/25/2000*	*4/4/2003*	*4/14/2003*	*4/14/2003*
Sample Depth:			*-*	*0-0.1 ft BGS*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 42-Trench 9*	*U Area-Grid 43*	*U Area-Grid 43*	*U Area-Grid 43-Trench 10*	*U Area-Grid 43-Trench 11*
Sample ID:			*S-2939-4-14-03-SW-073*	*S-JSH-366*	*S-2939-040403-SW-012*	*S-2939-4-14-03-SW-072*	*S-2939-4-14-03-SW-071*
Sample Date:			*4/14/2003*	*6/25/2000*	*4/4/2003*	*4/14/2003*	*4/14/2003*
Sample Depth:			*-*	*0-0.1 ft BGS*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-
3-Nitroaniline	µg/kg	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 42-Trench 9*	*U Area-Grid 43*	*U Area-Grid 43*	*U Area-Grid 43-Trench 10*	*U Area-Grid 43-Trench 11*
Sample ID:			*S-2939-4-14-03-SW-073*	*S-JSH-366*	*S-2939-040403-SW-012*	*S-2939-4-14-03-SW-072*	*S-2939-4-14-03-SW-071*
Sample Date:			*4/14/2003*	*6/25/2000*	*4/4/2003*	*4/14/2003*	*4/14/2003*
Sample Depth:			*-*	*0-0.1 ft BGS*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 42-Trench 9*	*U Area-Grid 43*	*U Area-Grid 43*	*U Area-Grid 43-Trench 10*	*U Area-Grid 43-Trench 11*
Sample ID:			*S-2939-4-14-03-SW-073*	*S-JSH-366*	*S-2939-040403-SW-012*	*S-2939-4-14-03-SW-072*	*S-2939-4-14-03-SW-071*
Sample Date:			*4/14/2003*	*6/25/2000*	*4/4/2003*	*4/14/2003*	*4/14/2003*
Sample Depth:			*-*	*0-0.1 ft BGS*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-
Metals							
Aluminum	µg/kg	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (5400)	ND (3400)	ND (5800)	ND (5700)	ND (6200)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (11000)	ND (6800)	ND (12000)	ND (11000)	ND (12000)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (5400)	ND (3400)	ND (5800)	ND (5700)	ND (6200)

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 42-Trench 9*	*U Area-Grid 43*	*U Area-Grid 43*	*U Area-Grid 43-Trench 10*	*U Area-Grid 43-Trench 11*
Sample ID:			*S-2939-4-14-03-SW-073*	*S-JSH-366*	*S-2939-040403-SW-012*	*S-2939-4-14-03-SW-072*	*S-2939-4-14-03-SW-071*
Sample Date:			*4/14/2003*	*6/25/2000*	*4/4/2003*	*4/14/2003*	*4/14/2003*
Sample Depth:			*-*	*0-0.1 ft BGS*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (5400)	ND (3400)	ND (5800)	ND (5700)	ND (6200)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (5400)	ND (3400)	ND (5800)	ND (5700)	ND (6200)
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (5400)	41000	55000	ND (5700)	ND (6200)
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (5400)	28000	58000	ND (5700)	ND (6200)
Total PCBs	µg/kg	-	ND	69000	113000	ND	ND
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 42-Trench 9*	*U Area-Grid 43*	*U Area-Grid 43*	*U Area-Grid 43-Trench 10*	*U Area-Grid 43-Trench 11*
Sample ID:			*S-2939-4-14-03-SW-073*	*S-JSH-366*	*S-2939-040403-SW-012*	*S-2939-4-14-03-SW-072*	*S-2939-4-14-03-SW-071*
Sample Date:			*4/14/2003*	*6/25/2000*	*4/4/2003*	*4/14/2003*	*4/14/2003*
Sample Depth:			*-*	*0-0.1 ft BGS*	*-*	*-*	*-*
Parameter	*Units*	*RUSCO Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-
Percent moisture	%	-	8.2	-	-	11.8	19.6
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	98	-	-	-
Total volatile solids	%	-	-	-	-	-	-

Notes:

greater than the Instrument Detection Limits.
D - Compounds at secondary dilution factor.
(Inorganics).
E - Exceed calibration range of GC/MS instrument (Organics).
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
R - Rejected.
S - Value determined by the method of standard Addition.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
X - Result may have been masked by the positive detection of another Aroclor.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-T5*	*U Area-T6*	*U Area-T7*	*U Area-Trench 1*	*U Area-Trench 1*	*U Area-Trench 1*
Sample ID:			*S-JSH-339*	*S-JSH-340*	*S-JSH-341*	*S-122203-SD-001*	*S-122203-SD-002*	*S-122203-SD-003*
Sample Date:			*6/23/2000*	*6/23/2000*	*6/23/2000*	*12/22/2003*	*12/22/2003*	*12/22/2003*
Sample Depth:			*0-2 ft BGS*	*0-1.3 ft BGS*	*0-1.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
Volatiles								
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-T5*	*U Area-T6*	*U Area-T7*	*U Area-Trench 1*	*U Area-Trench 1*	*U Area-Trench 1*
Sample ID:			*S-JSH-339*	*S-JSH-340*	*S-JSH-341*	*S-122203-SD-001*	*S-122203-SD-002*	*S-122203-SD-003*
Sample Date:			*6/23/2000*	*6/23/2000*	*6/23/2000*	*12/22/2003*	*12/22/2003*	*12/22/2003*
Sample Depth:			*0-2 ft BGS*	*0-1.3 ft BGS*	*0-1.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-	-
Semi-Volatiles								
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-	-
3-Nitroaniline	µg/kg	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-T5*	*U Area-T6*	*U Area-T7*	*U Area-Trench 1*	*U Area-Trench 1*	*U Area-Trench 1*
Sample ID:			*S-JSH-339*	*S-JSH-340*	*S-JSH-341*	*S-122203-SD-001*	*S-122203-SD-002*	*S-122203-SD-003*
Sample Date:			*6/23/2000*	*6/23/2000*	*6/23/2000*	*12/22/2003*	*12/22/2003*	*12/22/2003*
Sample Depth:			*0-2 ft BGS*	*0-1.3 ft BGS*	*0-1.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-T5*	*U Area-T6*	*U Area-T7*	*U Area-Trench 1*	*U Area-Trench 1*	*U Area-Trench 1*
Sample ID:			*S-JSH-339*	*S-JSH-340*	*S-JSH-341*	*S-122203-SD-001*	*S-122203-SD-002*	*S-122203-SD-003*
Sample Date:			*6/23/2000*	*6/23/2000*	*6/23/2000*	*12/22/2003*	*12/22/2003*	*12/22/2003*
Sample Depth:			*0-2 ft BGS*	*0-1.3 ft BGS*	*0-1.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-	-
Metals								
Aluminum	µg/kg	-	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	**20600**	**158000**	**157000**
Nickel	µg/kg	10000000	-	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-	-
PCBs								
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (4300)	ND (3900)	ND (4000)	-	-	-
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (8600)	ND (7900)	ND (7900)	-	-	-
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (4300)	ND (3900)	ND (4000)	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-T5*	*U Area-T6*	*U Area-T7*	*U Area-Trench 1*	*U Area-Trench 1*	*U Area-Trench 1*
Sample ID:			*S-JSH-339*	*S-JSH-340*	*S-JSH-341*	*S-122203-SD-001*	*S-122203-SD-002*	*S-122203-SD-003*
Sample Date:			*6/23/2000*	*6/23/2000*	*6/23/2000*	*12/22/2003*	*12/22/2003*	*12/22/2003*
Sample Depth:			*0-2 ft BGS*	*0-1.3 ft BGS*	*0-1.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (4300)	ND (3900)	ND (4000)	-	-	-
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (4300)	ND (3900)	ND (4000)	-	-	-
Aroclor-1254 (PCB-1254)	µg/kg	-	21000	12000	14000	-	-	-
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (4300)	ND (3900)	ND (4000)	-	-	-
Total PCBs	µg/kg	-	21000	12000	14000	-	-	-
Pesticides								
4,4'-DDD	µg/kg	180000	-	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-	-
Petroleum Hydrocarbons								
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-T5*	*U Area-T6*	*U Area-T7*	*U Area-Trench 1*	*U Area-Trench 1*	*U Area-Trench 1*
Sample ID:			*S-JSH-339*	*S-JSH-340*	*S-JSH-341*	*S-122203-SD-001*	*S-122203-SD-002*	*S-122203-SD-003*
Sample Date:			*6/23/2000*	*6/23/2000*	*6/23/2000*	*12/22/2003*	*12/22/2003*	*12/22/2003*
Sample Depth:			*0-2 ft BGS*	*0-1.3 ft BGS*	*0-1.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-0.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
General Chemistry								
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-
Total solids	%	-	77.8	84.7	84.1	-	-	-
Total volatile solids	%	-	-	-	-	-	-	-

Notes:

greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

(Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Trench 1*	*U Area-Trench 1*	*U Area-Trench 1 (Below Concrete)*	*U Area-Trench 3 (Below Concrete)*
Sample ID:			*S-122203-SD-004*	*S-122203-SD-005*	*S-111303-SW-001*	*S-112503-SW-005*
Sample Date:			*12/22/2003*	*12/22/2003*	*11/13/2003*	*11/25/2003*
Sample Depth:			*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-1 ft*	*0-1 ft*
Parameter	*Units*	*RUSCO Criteria*				
Volatiles						
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Trench 1*	*U Area-Trench 1*	*U Area-Trench 1 (Below Concrete)*	*U Area-Trench 3 (Below Concrete)*
Sample ID:			*S-122203-SD-004*	*S-122203-SD-005*	*S-111303-SW-001*	*S-112503-SW-005*
Sample Date:			*12/22/2003*	*12/22/2003*	*11/13/2003*	*11/25/2003*
Sample Depth:			*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-1 ft*	*0-1 ft*
Parameter	*Units*	*RUSCO Criteria*				
Methyl cyclohexane	µg/kg	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-
3-Nitroaniline	µg/kg	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Trench 1*	*U Area-Trench 1*	*U Area-Trench 1 (Below Concrete)*	*U Area-Trench 3 (Below Concrete)*
Sample ID:			*S-122203-SD-004*	*S-122203-SD-005*	*S-111303-SW-001*	*S-112503-SW-005*
Sample Date:			*12/22/2003*	*12/22/2003*	*11/13/2003*	*11/25/2003*
Sample Depth:			*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-1 ft*	*0-1 ft*
Parameter	*Units*	*RUSCO Criteria*				
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Trench 1*	*U Area-Trench 1*	*U Area-Trench 1 (Below Concrete)*	*U Area-Trench 3 (Below Concrete)*
Sample ID:			*S-122203-SD-004*	*S-122203-SD-005*	*S-111303-SW-001*	*S-112503-SW-005*
Sample Date:			*12/22/2003*	*12/22/2003*	*11/13/2003*	*11/25/2003*
Sample Depth:			*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-1 ft*	*0-1 ft*
Parameter	*Units*	*RUSCO Criteria*				
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-
Metals						
Aluminum	µg/kg	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-
Calcium	µg/kg	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-
Iron	µg/kg	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-
Mercury	µg/kg	5700	**262000**	**12400**	-	-
Nickel	µg/kg	10000000	-	-	-	-
Potassium	µg/kg	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-
Sodium	µg/kg	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-
PCBs						
Aroclor-1016 (PCB-1016)	µg/kg	-	-	-	ND (580)	ND (560)
Aroclor-1221 (PCB-1221)	µg/kg	-	-	-	ND (580)	ND (560)
Aroclor-1232 (PCB-1232)	µg/kg	-	-	-	ND (580)	ND (560)

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Trench 1*	*U Area-Trench 1*	*U Area-Trench 1 (Below Concrete)*	*U Area-Trench 3 (Below Concrete)*
Sample ID:			*S-122203-SD-004*	*S-122203-SD-005*	*S-111303-SW-001*	*S-112503-SW-005*
Sample Date:			*12/22/2003*	*12/22/2003*	*11/13/2003*	*11/25/2003*
Sample Depth:			*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-1 ft*	*0-1 ft*
Parameter	*Units*	*RUSCO Criteria*				
Aroclor-1242 (PCB-1242)	µg/kg	-	-	-	ND (580)	ND (560)
Aroclor-1248 (PCB-1248)	µg/kg	-	-	-	ND (580)	ND (560)
Aroclor-1254 (PCB-1254)	µg/kg	-	-	-	330 J	ND (560)
Aroclor-1260 (PCB-1260)	µg/kg	-	-	-	ND (580)	ND (560)
Total PCBs	µg/kg	-	-	-	330	ND
Pesticides						
4,4'-DDD	µg/kg	180000	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-
Petroleum Hydrocarbons						
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Trench 1*	*U Area-Trench 1*	*U Area-Trench 1 (Below Concrete)*	*U Area-Trench 3 (Below Concrete)*
Sample ID:			*S-122203-SD-004*	*S-122203-SD-005*	*S-111303-SW-001*	*S-112503-SW-005*
Sample Date:			*12/22/2003*	*12/22/2003*	*11/13/2003*	*11/25/2003*
Sample Depth:			*0-0.5 ft BGS*	*0-0.5 ft BGS*	*0-1 ft*	*0-1 ft*
Parameter	*Units*	*RUSCO Criteria*				
General Chemistry						
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-
Percent moisture	%	-	-	-	-	-
pH	s.u.	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-
Total solids	%	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-

Notes:

greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

(Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Trench 4 (Below Concrete)*	*U Area-Trench 5 (Below Concrete)*	*U Area-Trench 6 (Below Concrete)*
Sample ID:			*S-111303-SW-002*	*S-112503-SW-004*	*S-112503-SW-003*
Sample Date:			*11/13/2003*	*11/25/2003*	*11/25/2003*
Sample Depth:			*0-1 ft*	*0-1 ft*	*0-1 ft*
Parameter	*Units*	*RUSCO Criteria*			
Volatiles					
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-
2-Hexanone	µg/kg	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-
Acetone	µg/kg	1000000	-	-	-
Benzene	µg/kg	89000	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-
Bromoform	µg/kg	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-
Chloroethane	µg/kg	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Trench 4 (Below Concrete)*	*U Area-Trench 5 (Below Concrete)*	*U Area-Trench 6 (Below Concrete)*
Sample ID:			*S-111303-SW-002*	*S-112503-SW-004*	*S-112503-SW-003*
Sample Date:			*11/13/2003*	*11/25/2003*	*11/25/2003*
Sample Depth:			*0-1 ft*	*0-1 ft*	*0-1 ft*
Parameter	*Units*	*RUSCO Criteria*			
Methyl cyclohexane	µg/kg	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-
Naphthalene	µg/kg	1000000	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-
o-Xylene	µg/kg	-	-	-	-
Styrene	µg/kg	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-
Toluene	µg/kg	1000000	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-
Semi-Volatiles					
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-
3-Nitroaniline	µg/kg	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Trench 4 (Below Concrete)*	*U Area-Trench 5 (Below Concrete)*	*U Area-Trench 6 (Below Concrete)*
Sample ID:			*S-111303-SW-002*	*S-112503-SW-004*	*S-112503-SW-003*
Sample Date:			*11/13/2003*	*11/25/2003*	*11/25/2003*
Sample Depth:			*0-1 ft*	*0-1 ft*	*0-1 ft*
Parameter	*Units*	*RUSCO Criteria*			
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-
Acetophenone	µg/kg	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-
Atrazine	µg/kg	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-
Benzoic acid	µg/kg	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-
Caprolactam	µg/kg	-	-	-	-
Carbazole	µg/kg	-	-	-	-
Chrysene	µg/kg	110000	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-
Fluorene	µg/kg	1000000	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Trench 4 (Below Concrete)*	*U Area-Trench 5 (Below Concrete)*	*U Area-Trench 6 (Below Concrete)*
Sample ID:			*S-111303-SW-002*	*S-112503-SW-004*	*S-112503-SW-003*
Sample Date:			*11/13/2003*	*11/25/2003*	*11/25/2003*
Sample Depth:			*0-1 ft*	*0-1 ft*	*0-1 ft*
Parameter	*Units*	*RUSCO Criteria*			
Hexachlorocyclopentadiene	µg/kg	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-
Isophorone	µg/kg	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-
Phenol	µg/kg	1000000	-	-	-
Pyrene	µg/kg	1000000	-	-	-
Metals					
Aluminum	µg/kg	-	-	-	-
Antimony	µg/kg	-	-	-	-
Arsenic	µg/kg	16000	-	-	-
Barium	µg/kg	10000000	-	-	-
Beryllium	µg/kg	2700000	-	-	-
Cadmium	µg/kg	60000	-	-	-
Calcium	µg/kg	-	-	-	-
Chromium	µg/kg	-	-	-	-
Cobalt	µg/kg	-	-	-	-
Copper	µg/kg	10000000	-	-	-
Iron	µg/kg	-	-	-	-
Lead	µg/kg	3900000	-	-	-
Magnesium	µg/kg	-	-	-	-
Manganese	µg/kg	10000000	-	-	-
Mercury	µg/kg	5700	-	-	-
Nickel	µg/kg	10000000	-	-	-
Potassium	µg/kg	-	-	-	-
Selenium	µg/kg	6800000	-	-	-
Silver	µg/kg	6800000	-	-	-
Sodium	µg/kg	-	-	-	-
Thallium	µg/kg	-	-	-	-
Vanadium	µg/kg	-	-	-	-
Zinc	µg/kg	10000000	-	-	-
PCBs					
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (590)	ND (580)	ND (560)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (590)	ND (580)	ND (560)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (590)	ND (580)	ND (560)

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Trench 4 (Below Concrete)*	*U Area-Trench 5 (Below Concrete)*	*U Area-Trench 6 (Below Concrete)*
Sample ID:			*S-111303-SW-002*	*S-112503-SW-004*	*S-112503-SW-003*
Sample Date:			*11/13/2003*	*11/25/2003*	*11/25/2003*
Sample Depth:			*0-1 ft*	*0-1 ft*	*0-1 ft*
Parameter	*Units*	*RUSCO Criteria*			
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (590)	ND (580)	ND (560)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (590)	ND (580)	ND (560)
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (590)	ND (580)	ND (560)
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (590)	ND (580)	ND (560)
Total PCBs	µg/kg	-	ND	ND	ND
Pesticides					
4,4'-DDD	µg/kg	180000	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-
Aldrin	µg/kg	1400	-	-	-
alpha-BHC	µg/kg	6800	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-
beta-BHC	µg/kg	14000	-	-	-
delta-BHC	µg/kg	1000000	-	-	-
Dieldrin	µg/kg	2800	-	-	-
Endosulfan I	µg/kg	920000	-	-	-
Endosulfan II	µg/kg	920000	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-
Endrin	µg/kg	410000	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-
Toxaphene	µg/kg	-	-	-	-
Petroleum Hydrocarbons					
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Trench 4 (Below Concrete)*	*U Area-Trench 5 (Below Concrete)*	*U Area-Trench 6 (Below Concrete)*
Sample ID:			*S-111303-SW-002*	*S-112503-SW-004*	*S-112503-SW-003*
Sample Date:			*11/13/2003*	*11/25/2003*	*11/25/2003*
Sample Depth:			*0-1 ft*	*0-1 ft*	*0-1 ft*
Parameter	*Units*	*RUSCO Criteria*			
General Chemistry					
Chemical oxygen demand (COD)	µg/kg	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-
Nitrogen	µg/kg	-	-	-	-
Oil and grease	µg/kg	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-
Percent moisture	%	-	-	-	-
pH	s.u.	-	-	-	-
pH (water)	s.u.	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-
Total solids	%	-	-	-	-
Total volatile solids	%	-	-	-	-

Notes:

greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

(Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Trench 7 (Below Concrete)*	*U Area-Trench 7 (Below Concrete)*	*U Area-Trench 12 (Below Concrete)*	*U Area-Trench 12 (Below Concrete)*
Sample ID:			*S-112503-SW-001*	*S-112503-SW-002*	*S-111403-SW-001*	*S-111403-SW-002*
Sample Date:			*11/25/2003*	*11/25/2003*	*11/14/2003*	*11/14/2003*
Sample Depth:			*0-1 ft*	*0-1 ft*	*0-1 ft*	*0-1 ft*
		RUSCO		*Duplicate*		*Duplicate*
Parameter	*Units*	*Criteria*				
Volatiles						
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-
m&p-Xylenes	µg/kg	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Trench 7 (Below Concrete)*	*U Area-Trench 7 (Below Concrete)*	*U Area-Trench 12 (Below Concrete)*	*U Area-Trench 12 (Below Concrete)*
Sample ID:			*S-112503-SW-001*	*S-112503-SW-002*	*S-111403-SW-001*	*S-111403-SW-002*
Sample Date:			*11/25/2003*	*11/25/2003*	*11/14/2003*	*11/14/2003*
Sample Depth:			*0-1 ft*	*0-1 ft*	*0-1 ft*	*0-1 ft*
		RUSCO		*Duplicate*		*Duplicate*
Parameter	*Units*	*Criteria*				
Methyl cyclohexane	µg/kg	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-
3&4-Methylphenol	µg/kg	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-
3-Nitroaniline	µg/kg	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Trench 7 (Below Concrete)*	*U Area-Trench 7 (Below Concrete)*	*U Area-Trench 12 (Below Concrete)*	*U Area-Trench 12 (Below Concrete)*
Sample ID:			*S-112503-SW-001*	*S-112503-SW-002*	*S-111403-SW-001*	*S-111403-SW-002*
Sample Date:			*11/25/2003*	*11/25/2003*	*11/14/2003*	*11/14/2003*
Sample Depth:			*0-1 ft*	*0-1 ft*	*0-1 ft*	*0-1 ft*
		RUSCO		*Duplicate*		*Duplicate*
Parameter	*Units*	*Criteria*				
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-
Benzoic acid	µg/kg	-	-	-	-	-
Benzyl alcohol	µg/kg	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-
Dibenz(a,h)acridine	µg/kg	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-
Dibenz(a,j)acridine	µg/kg	-	-	-	-	-
Dibenzo(a,h)pyrene	µg/kg	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/kg	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Trench 7 (Below Concrete)*	*U Area-Trench 7 (Below Concrete)*	*U Area-Trench 12 (Below Concrete)*	*U Area-Trench 12 (Below Concrete)*
Sample ID:			*S-112503-SW-001*	*S-112503-SW-002*	*S-111403-SW-001*	*S-111403-SW-002*
Sample Date:			*11/25/2003*	*11/25/2003*	*11/14/2003*	*11/14/2003*
Sample Depth:			*0-1 ft*	*0-1 ft*	*0-1 ft*	*0-1 ft*
		RUSCO		*Duplicate*		*Duplicate*
Parameter	*Units*	*Criteria*				
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-
Metals						
Aluminum	µg/kg	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-
Calcium	µg/kg	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-
Iron	µg/kg	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-
Potassium	µg/kg	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-
Sodium	µg/kg	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-
PCBs						
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (600)	ND (570)	ND (600)	ND (610)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (600)	ND (570)	ND (600)	ND (610)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (600)	ND (570)	ND (600)	ND (610)

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Trench 7 (Below Concrete)*	*U Area-Trench 7 (Below Concrete)*	*U Area-Trench 12 (Below Concrete)*	*U Area-Trench 12 (Below Concrete)*
Sample ID:			*S-112503-SW-001*	*S-112503-SW-002*	*S-111403-SW-001*	*S-111403-SW-002*
Sample Date:			*11/25/2003*	*11/25/2003*	*11/14/2003*	*11/14/2003*
Sample Depth:			*0-1 ft*	*0-1 ft*	*0-1 ft*	*0-1 ft*
		RUSCO		*Duplicate*		*Duplicate*
Parameter	*Units*	*Criteria*				
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (600)	ND (570)	ND (600)	ND (610)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (600)	ND (570)	ND (600)	ND (610)
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (600)	ND (570)	ND (600)	ND (610)
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (600)	ND (570)	ND (600)	ND (610)
Total PCBs	µg/kg	-	ND	ND	ND	ND
Pesticides						
4,4'-DDD	µg/kg	180000	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-
Petroleum Hydrocarbons						
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Trench 7 (Below Concrete)*	*U Area-Trench 7 (Below Concrete)*	*U Area-Trench 12 (Below Concrete)*	*U Area-Trench 12 (Below Concrete)*
Sample ID:			*S-112503-SW-001*	*S-112503-SW-002*	*S-111403-SW-001*	*S-111403-SW-002*
Sample Date:			*11/25/2003*	*11/25/2003*	*11/14/2003*	*11/14/2003*
Sample Depth:			*0-1 ft*	*0-1 ft*	*0-1 ft*	*0-1 ft*
		RUSCO		*Duplicate*		*Duplicate*
Parameter	*Units*	*Criteria*				
General Chemistry						
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-
Percent moisture	%	-	-	-	-	-
pH	s.u.	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-
Total solids	%	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-

Notes:

greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

(Inorganics).

E - Exceed calibration range of GC/MS instrument (Organics).

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

R - Rejected.

S - Value determined by the method of standard Addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

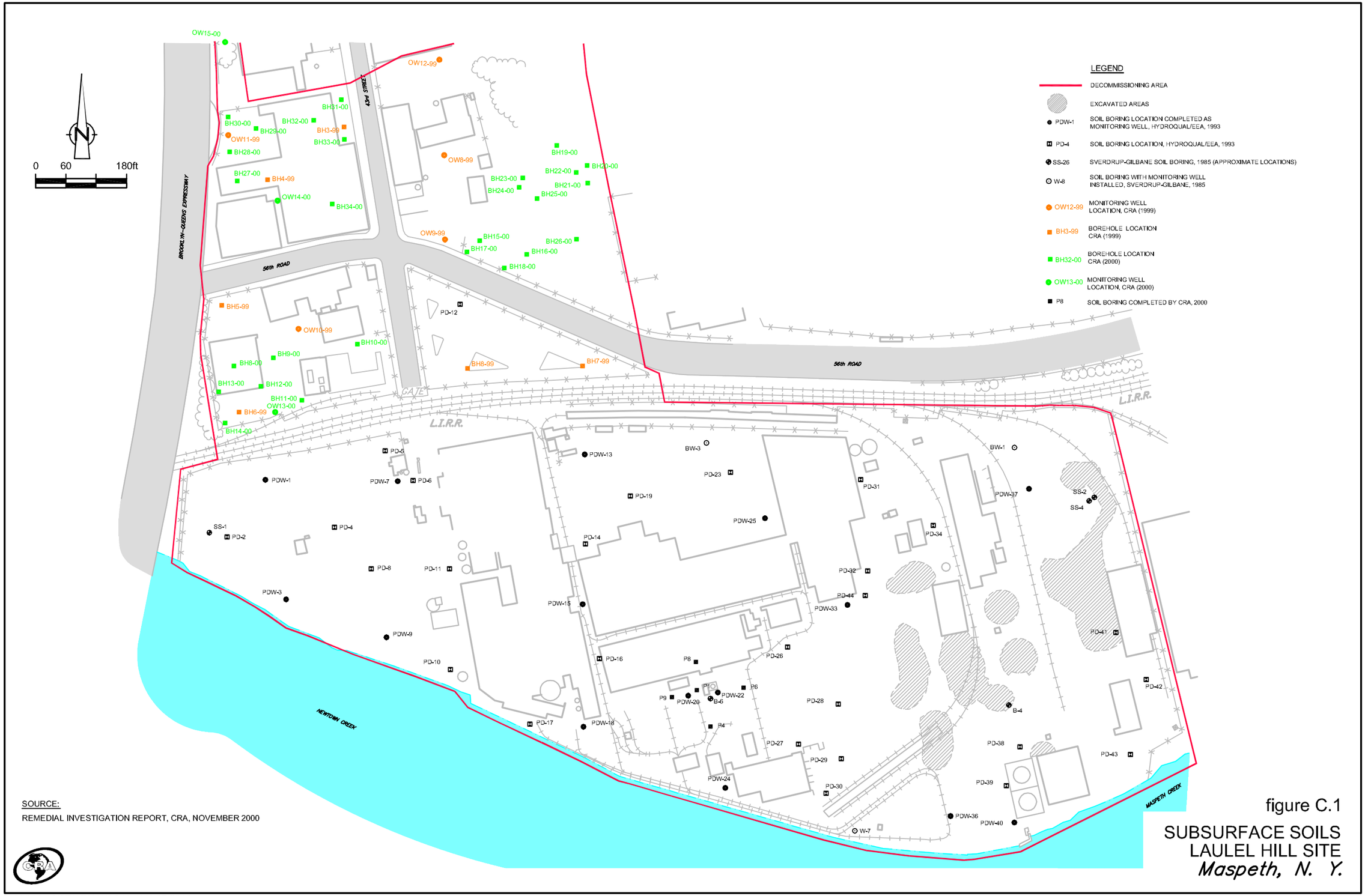
X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

- Exceeds criterion.

ATTACHMENT C

SUBSURFACE SOIL SAMPLE DATA



SOURCE:
REMEDIAL INVESTIGATION REPORT, CRA, NOVEMBER 2000

figure C.1
SUBSURFACE SOILS
LAULEL HILL SITE
Maspeth, N. Y.

02939-40(071)GN-WA016 JAN 27/2012

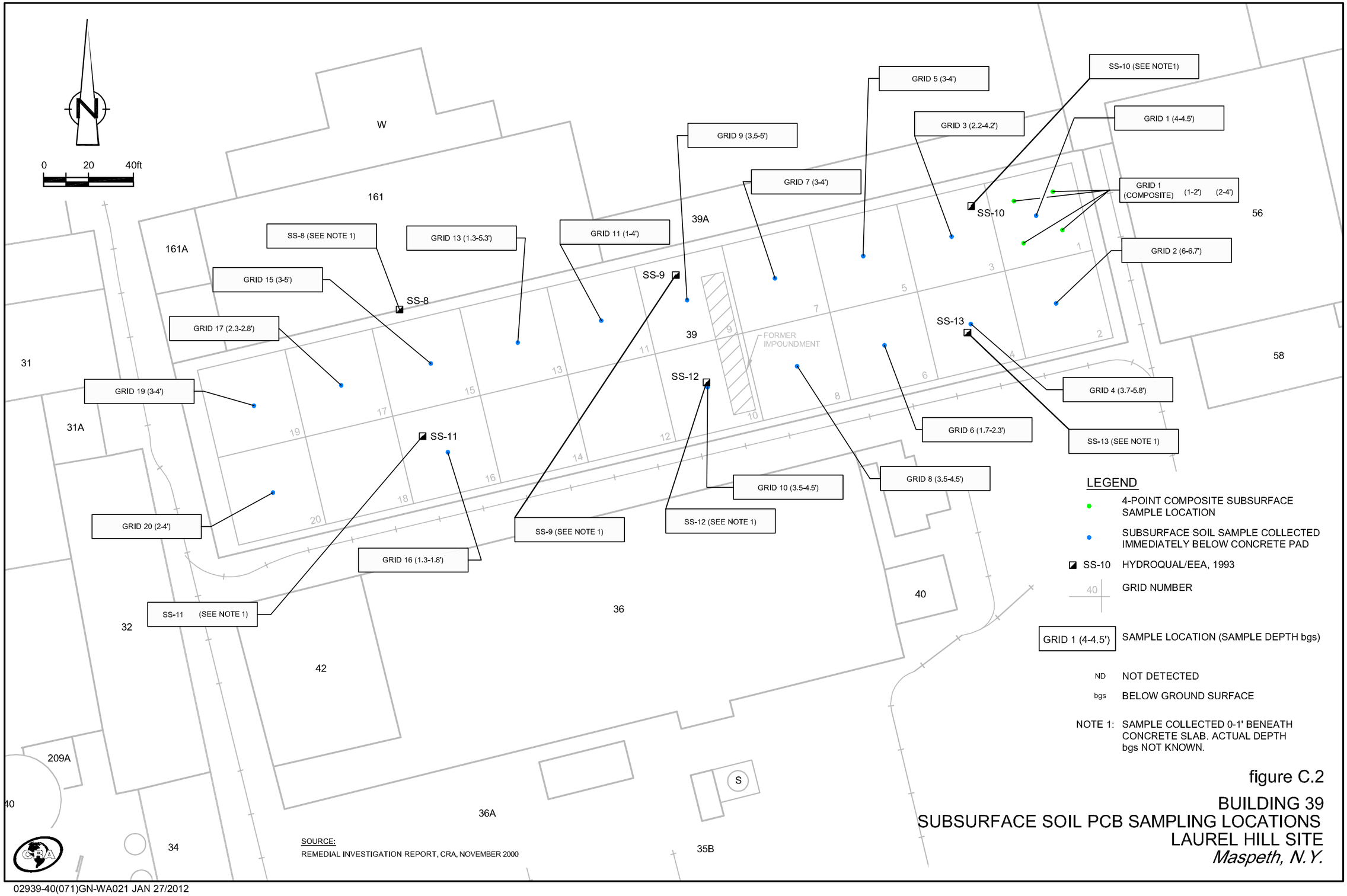
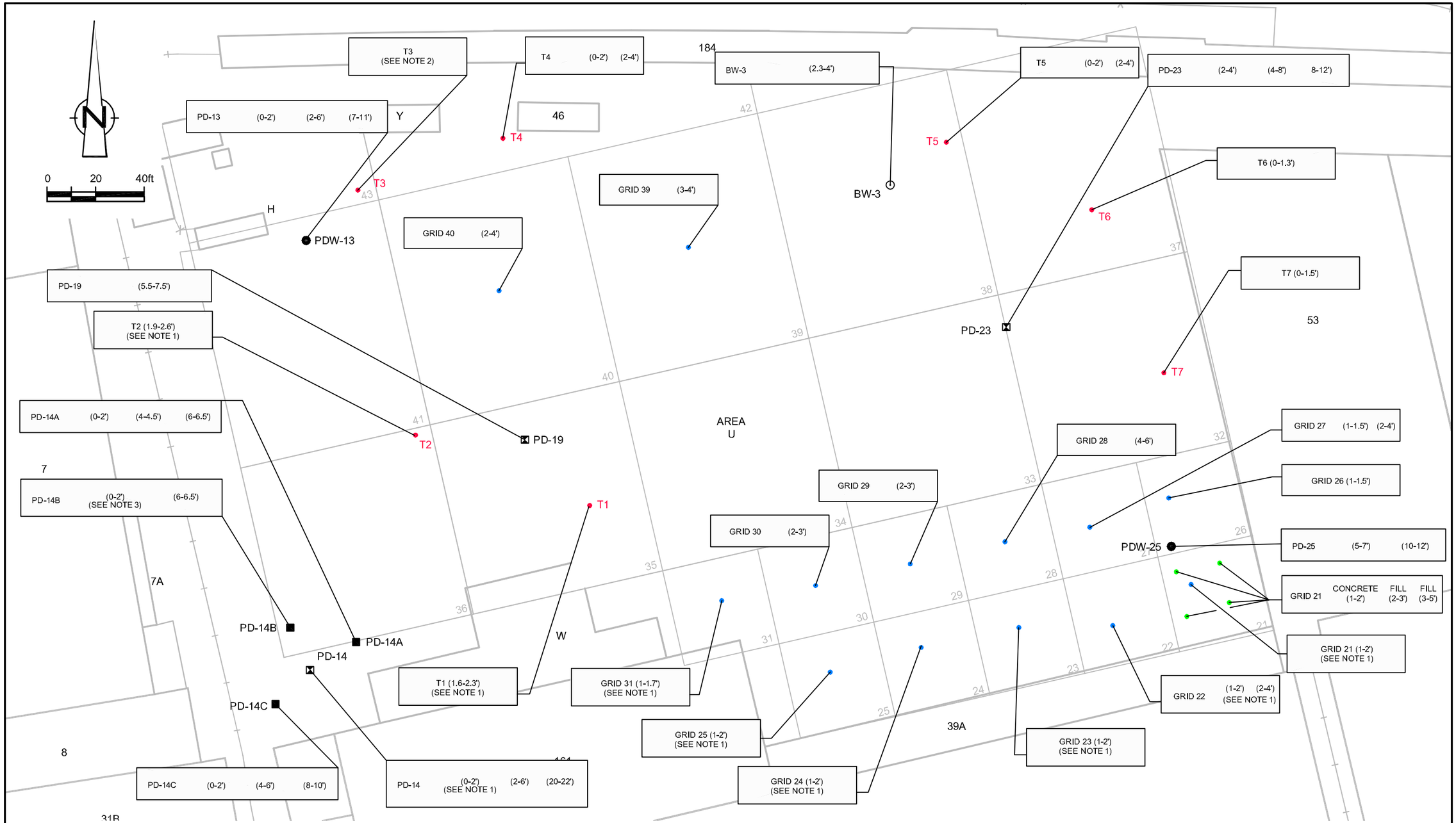


figure C.2

BUILDING 39
SUBSURFACE SOIL PCB SAMPLING LOCATIONS
LAUREL HILL SITE
Maspeth, N.Y.

02939-40(071)GN-WA021 JAN 27/2012



LEGEND

- 4-POINT COMPOSITE SUBSURFACE SAMPLE LOCATION
- SOFT CONCRETE OR SOIL SAMPLE COLLECTED AT APPROXIMATELY 1-2 FEET BELOW GROUND SURFACE (NOTE: SUBSURFACE SOIL SAMPLES COLLECTED AT T4 AND T5 ONLY)
- SOIL SAMPLE COLLECTED IMMEDIATELY BELOW CONCRETE PAD
- PDW-13 SOIL BORING LOCATION COMPLETED AS MONITORING WELL, HYDROQUAL/EEA, 1993
- PD-19 SOIL BORING LOCATION, HYDROQUAL/EEA, 1993
- BW-3 SOIL BORING WITH MONITORING WELL INSTALLED, SVERDRUP-GILBANE, 1985
- 40 GRID NUMBER
- GRID 21 (1-2') SAMPLE LOCATION (SAMPLE DEPTH bgs)

NE NO EXCEEDANCE OF SCREENING LEVELS
NS NOT SAMPLED
NA NOT ANALYZED
ND NOT DETECTED
bgs BELOW GROUND SURFACE
* LOCATION RESAMPLED BY CRA IN 1999

NOTE 1: SOFT CONCRETE SAMPLE COLLECTED INSTEAD OF SUBSURFACE SOIL

NOTE 2: HARD CONCRETE PRESENT AT 1-2 FEET bgs NO SAMPLE COLLECTED.

NOTE 3: SAMPLE CONSISTED OF CONCRETE INTERMIXED WITH SAND/GRAVEL

SOURCE:
REMEDIAL INVESTIGATION REPORT, CRA, NOVEMBER 2000

figure C.3

AREA U SUBSURFACE
SOIL/CONCRETE PCB SAMPLE LOCATIONS
LAUREL HILL SITE
Maspeth, N.Y.

02939-40(071)GN-WA022 JAN 27/2012

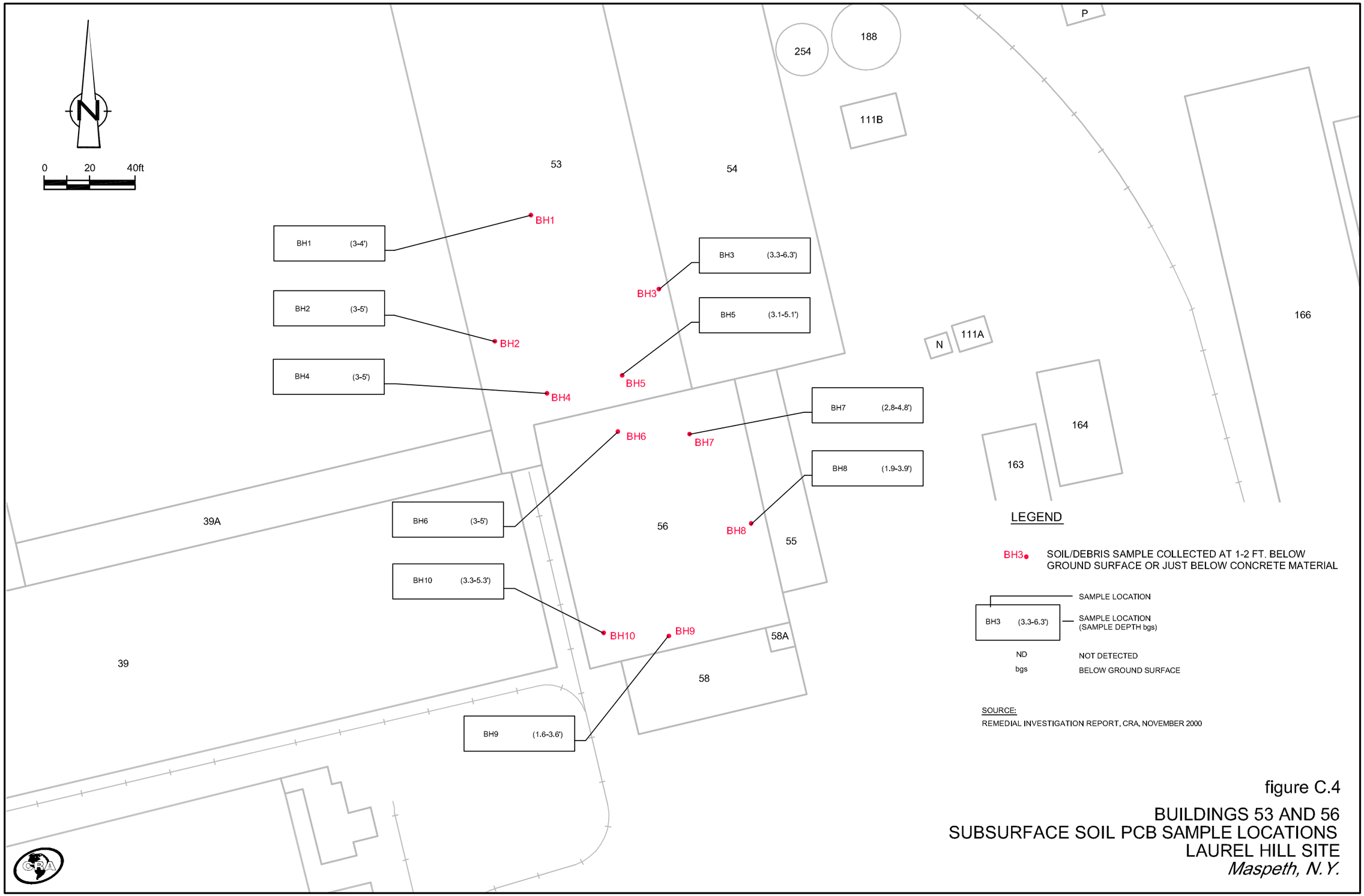


figure C.4

BUILDINGS 53 AND 56
SUBSURFACE SOIL PCB SAMPLE LOCATIONS
LAUREL HILL SITE
Maspeth, N.Y.

02939-40(071)GN-WA023 JAN 27/2012

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:
Sample ID:
Sample Date:
Sample Depth:

Parameter	*Units*	*RUSCO Criteria*	*# of Samples*	*# of Detects*	*# of Exceedances*	*Min Detect*	*Max Detect*	*Min ND*	*Max ND*
Volatiles									
1,1,1-Trichloroethane	µg/kg	1000000	172	0	0	N/A	N/A	ND (10)	ND (1600)
1,1,2,2-Tetrachloroethane	µg/kg	-	172	0	N/A	N/A	N/A	ND (10)	ND (1600)
1,1,2-Trichloroethane	µg/kg	-	172	0	N/A	N/A	N/A	ND (10)	ND (1600)
1,1-Dichloroethane	µg/kg	480000	172	1	0	8 J	8 J	ND (10)	ND (1600)
1,1-Dichloroethene	µg/kg	1000000	172	0	0	N/A	N/A	ND (10)	ND (1600)
1,2,4-Trichlorobenzene	µg/kg	-	13	0	N/A	N/A	N/A	ND (10)	ND (12)
1,2,4-Trimethylbenzene	µg/kg	380000	30	6	0	1.2	1400	ND (1)	ND (120)
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	13	0	N/A	N/A	N/A	ND (10)	ND (12)
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	13	0	N/A	N/A	N/A	ND (10)	ND (12)
1,2-Dichlorobenzene	µg/kg	1000000	13	0	0	N/A	N/A	ND (10)	ND (12)
1,2-Dichloroethane	µg/kg	60000	172	0	0	N/A	N/A	ND (10)	ND (1600)
1,2-Dichloroethene (total)	µg/kg	-	136	0	N/A	N/A	N/A	ND (10)	ND (1600)
1,2-Dichloropropane	µg/kg	-	172	0	N/A	N/A	N/A	ND (10)	ND (1600)
1,3,5-Trimethylbenzene	µg/kg	380000	25	5	0	1 J	160 J	ND (1)	ND (1)
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	5	1	N/A	330	330	ND (12)	ND (120)
1,3-Dichlorobenzene	µg/kg	560000	13	0	0	N/A	N/A	ND (10)	ND (12)
1,4-Dichlorobenzene	µg/kg	250000	13	0	0	N/A	N/A	ND (10)	ND (12)
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	174	15	0	1 J	3400	ND (10)	ND (1600)
2-Hexanone	µg/kg	-	172	0	N/A	N/A	N/A	ND (10)	ND (1600)
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	30	4	0	3.6	420	ND (1)	ND (120)
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	174	1	N/A	160	160	ND (10)	ND (1600)
Acetone	µg/kg	1000000	174	61	0	2 J	6000	ND (10)	ND (1600)
Benzene	µg/kg	89000	199	7	0	1 J	640	ND (1)	ND (1600)
Bromodichloromethane	µg/kg	-	172	0	N/A	N/A	N/A	ND (10)	ND (1600)
Bromoform	µg/kg	-	172	0	N/A	N/A	N/A	ND (10)	ND (1600)
Bromomethane (Methyl bromide)	µg/kg	-	172	0	N/A	N/A	N/A	ND (10)	ND (1600)
Carbon disulfide	µg/kg	-	174	20	N/A	1 J	110 J	ND (10)	ND (1600)
Carbon tetrachloride	µg/kg	44000	172	0	0	N/A	N/A	ND (10)	ND (1600)
Chlorobenzene	µg/kg	1000000	172	0	0	N/A	N/A	ND (10)	ND (1600)
Chloroethane	µg/kg	-	172	0	N/A	N/A	N/A	ND (10)	ND (1600)
Chloroform (Trichloromethane)	µg/kg	700000	174	7	0	1 J	9 J	ND (10)	ND (1600)
Chloromethane (Methyl chloride)	µg/kg	-	172	0	N/A	N/A	N/A	ND (10)	ND (1600)
cis-1,2-Dichloroethene	µg/kg	1000000	82	0	0	N/A	N/A	ND (10)	ND (1600)
cis-1,3-Dichloropropene	µg/kg	-	172	0	N/A	N/A	N/A	ND (10)	ND (1600)
Cyclohexane	µg/kg	-	13	0	N/A	N/A	N/A	ND (10)	ND (12)
Cymene (p-Isopropyltoluene)	µg/kg	-	30	3	N/A	13	210	ND (1)	ND (120)
Dibromochloromethane	µg/kg	-	172	0	N/A	N/A	N/A	ND (10)	ND (1600)
Dichlorodifluoromethane (CFC-12)	µg/kg	-	13	0	N/A	N/A	N/A	ND (10)	ND (12)
Ethylbenzene	ug/kg	780000	199	10	0	1 J	370 J	ND (1)	ND (1600)
Isopropyl benzene	µg/kg	-	43	5	N/A	1.2	530	ND (1)	ND (120)

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:
Sample ID:
Sample Date:
Sample Depth:

Parameter	*Units*	*RUSCO Criteria*	*# of Samples*	*# of Detects*	*# of Exceedances*	*Min Detect*	*Max Detect*	*Min ND*	*Max ND*
m&p-Xylenes	µg/kg	-	121	5	N/A	2.4	50 J	ND (1)	ND (1600)
Methyl acetate	µg/kg	-	13	0	N/A	N/A	N/A	ND (10)	ND (12)
Methyl cyclohexane	µg/kg	-	13	0	N/A	N/A	N/A	ND (10)	ND (12)
Methyl tert butyl ether (MTBE)	µg/kg	1000000	43	0	0	N/A	N/A	ND (1)	ND (130)
Methylene chloride	µg/kg	1000000	174	21	0	2 J	380 J	ND (10)	ND (1600)
Naphthalene	µg/kg	1000000	30	7	0	1.5	180 J	ND (1)	ND (130)
N-Butylbenzene	µg/kg	1000000	30	7	0	4.8	720	ND (1)	ND (14)
N-Propylbenzene	µg/kg	1000000	30	4	0	7.3	1100	ND (1)	ND (120)
o-Xylene	µg/kg	-	30	4	N/A	2.7	63 J	ND (1)	ND (120)
Styrene	µg/kg	-	172	0	N/A	N/A	N/A	ND (10)	ND (1600)
tert-Butylbenzene	µg/kg	1000000	30	0	0	N/A	N/A	ND (1)	ND (130)
Tetrachloroethene	µg/kg	300000	172	0	0	N/A	N/A	ND (10)	ND (1600)
Toluene	µg/kg	1000000	199	23	0	1 J	600	ND (1)	ND (1600)
trans-1,2-Dichloroethene	µg/kg	1000000	36	0	0	N/A	N/A	ND (10)	ND (1600)
trans-1,3-Dichloropropene	µg/kg	-	172	0	N/A	N/A	N/A	ND (10)	ND (1600)
Trichloroethene	µg/kg	400000	172	1	0	3 J	3 J	ND (10)	ND (1600)
Trichlorofluoromethane (CFC-11)	µg/kg	-	13	0	N/A	N/A	N/A	ND (10)	ND (12)
Trifluorotrichloroethane (Freon 113)	µg/kg	-	13	0	N/A	N/A	N/A	ND (10)	ND (12)
Vinyl chloride	µg/kg	27000	172	0	0	N/A	N/A	ND (10)	ND (1600)
Xylenes (total)	µg/kg	1000000	199	16	0	1 J	3800	ND (1)	ND (1600)
Semi-Volatiles									
1,2,4-Trichlorobenzene	µg/kg	-	70	0	N/A	N/A	N/A	ND (340)	ND (180000)
1,2-Dichlorobenzene	µg/kg	1000000	70	0	0	N/A	N/A	ND (340)	ND (180000)
1,3-Dichlorobenzene	µg/kg	560000	70	0	0	N/A	N/A	ND (340)	ND (180000)
1,4-Dichlorobenzene	µg/kg	250000	70	1	0	100 J	100 J	ND (340)	ND (180000)
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	83	0	N/A	N/A	N/A	ND (340)	ND (180000)
2,4,5-Trichlorophenol	µg/kg	-	83	0	N/A	N/A	N/A	ND (850)	ND (440000)
2,4,6-Trichlorophenol	µg/kg	-	83	0	N/A	N/A	N/A	ND (340)	ND (180000)
2,4-Dichlorophenol	µg/kg	-	83	0	N/A	N/A	N/A	ND (340)	ND (180000)
2,4-Dimethylphenol	µg/kg	-	83	0	N/A	N/A	N/A	ND (340)	ND (180000)
2,4-Dinitrophenol	µg/kg	-	83	0	N/A	N/A	N/A	ND (850) UJ	ND (440000)
2,4-Dinitrotoluene	µg/kg	-	83	0	N/A	N/A	N/A	ND (340)	ND (180000)
2,6-Dinitrotoluene	µg/kg	-	83	0	N/A	N/A	N/A	ND (340)	ND (180000)
2-Chloronaphthalene	µg/kg	-	83	0	N/A	N/A	N/A	ND (340)	ND (180000)
2-Chlorophenol	µg/kg	-	83	0	N/A	N/A	N/A	ND (340)	ND (180000)
2-Methylnaphthalene	µg/kg	-	197	44	N/A	46 J	80000	ND (330)	ND (180000)
2-Methylphenol	µg/kg	1000000	83	0	0	N/A	N/A	ND (340)	ND (180000)
2-Nitroaniline	µg/kg	-	83	0	N/A	N/A	N/A	ND (850)	ND (440000)
2-Nitrophenol	µg/kg	-	83	1	N/A	300 J	300 J	ND (340)	ND (180000)
3,3'-Dichlorobenzidine	µg/kg	-	83	0	N/A	N/A	N/A	ND (340)	ND (180000)

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:
Sample ID:
Sample Date:
Sample Depth:

Parameter	*Units*	*RUSCO Criteria*	*# of Samples*	*# of Detects*	*# of Exceedances*	*Min Detect*	*Max Detect*	*Min ND*	*Max ND*
3-Nitroaniline	µg/kg	-	83	0	N/A	N/A	N/A	ND (850)	ND (440000)
4,6-Dinitro-2-methylphenol	µg/kg	-	83	0	N/A	N/A	N/A	ND (850) UJ	ND (440000)
4-Bromophenyl phenyl ether	µg/kg	-	83	0	N/A	N/A	N/A	ND (340)	ND (180000)
4-Chloro-3-methylphenol	µg/kg	-	83	0	N/A	N/A	N/A	ND (340)	ND (180000)
4-Chloroaniline	µg/kg	-	83	0	N/A	N/A	N/A	ND (340)	ND (180000)
4-Chlorophenyl phenyl ether	µg/kg	-	83	0	N/A	N/A	N/A	ND (340)	ND (180000)
4-Methylphenol	µg/kg	1000000	83	3	0	150 J	800	ND (340)	ND (180000)
4-Nitroaniline	µg/kg	-	83	0	N/A	N/A	N/A	ND (850)	ND (440000)
4-Nitrophenol	µg/kg	-	83	0	N/A	N/A	N/A	ND (850)	ND (440000)
Acenaphthene	µg/kg	1000000	227	48	0	51 J	22800	ND (330)	ND (180000)
Acenaphthylene	µg/kg	1000000	86	28	0	47 J	22800	ND (340)	ND (180000)
Acetophenone	µg/kg	-	13	8	N/A	78 J	140 J	ND (350)	ND (380)
Anthracene	µg/kg	1000000	227	75	0	41 J	35900	ND (330)	ND (180000)
Atrazine	µg/kg	-	13	0	N/A	N/A	N/A	ND (340)	ND (390)
Benzaldehyde	µg/kg	-	13	2	N/A	78 J	91 J	ND (340)	ND (390)
Benzo(a)anthracene	µg/kg	11000	227	97	2	67 J	49800	ND (330)	ND (180000)
Benzo(a)pyrene	µg/kg	1100	227	98	36	45 J	36200	ND (330)	ND (180000)
Benzo(b)fluoranthene	µg/kg	11000	227	94	1	41 J	74300	ND (330)	ND (180000)
Benzo(g,h,i)perylene	µg/kg	1000000	227	81	0	55 J	9000	ND (330)	ND (180000)
Benzo(k)fluoranthene	µg/kg	110000	227	78	0	47 J	9400	ND (330)	ND (180000)
Biphenyl (1,1-Biphenyl)	µg/kg	-	13	0	N/A	N/A	N/A	ND (340)	ND (390)
bis(2-Chloroethoxy)methane	µg/kg	-	83	0	N/A	N/A	N/A	ND (340)	ND (180000)
bis(2-Chloroethyl)ether	µg/kg	-	83	0	N/A	N/A	N/A	ND (340)	ND (180000)
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	197	32	N/A	54 J	1700	ND (330)	ND (180000)
Butyl benzylphthalate (BBP)	µg/kg	-	83	2	N/A	300 J	400 J	ND (340)	ND (180000)
Caprolactam	µg/kg	-	13	0	N/A	N/A	N/A	ND (340)	ND (390)
Carbazole	µg/kg	-	83	30	N/A	44 J	1000 J	ND (340)	ND (180000)
Chrysene	µg/kg	110000	227	102	0	65 J	40600	ND (330)	ND (180000)
Dibenz(a,h)anthracene	µg/kg	1100	113	20	4	100 J	2800	ND (340)	ND (180000)
Dibenzofuran	µg/kg	1000000	197	37	0	43 J	13000	ND (330)	ND (180000)
Diethyl phthalate	µg/kg	-	83	1	N/A	670	670	ND (340)	ND (180000)
Dimethyl phthalate	µg/kg	-	83	0	N/A	N/A	N/A	ND (340)	ND (180000)
Di-n-butylphthalate (DBP)	µg/kg	-	83	3	N/A	60 J	1300	ND (340)	ND (180000)
Di-n-octyl phthalate (DnOP)	µg/kg	-	83	0	N/A	N/A	N/A	ND (340)	ND (180000)
Fluoranthene	µg/kg	1000000	227	112	0	46 J	95600	ND (330)	ND (180000)
Fluorene	µg/kg	1000000	227	52	0	38 J	25700	ND (330)	ND (180000)
Hexachlorobenzene	µg/kg	12000	83	0	0	N/A	N/A	ND (340)	ND (180000)
Hexachlorobutadiene	µg/kg	-	83	0	N/A	N/A	N/A	ND (340)	ND (180000)
Hexachlorocyclopentadiene	µg/kg	-	83	0	N/A	N/A	N/A	ND (340)	ND (180000) J
Hexachloroethane	µg/kg	-	83	0	N/A	N/A	N/A	ND (340)	ND (180000)
Indeno(1,2,3-cd)pyrene	µg/kg	11000	227	75	1	55 J	13000	ND (330)	ND (180000)

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:
Sample ID:
Sample Date:
Sample Depth:

Parameter	*Units*	*RUSCO Criteria*	*# of Samples*	*# of Detects*	*# of Exceedances*	*Min Detect*	*Max Detect*	*Min ND*	*Max ND*
Isophorone	µg/kg	-	83	7	N/A	200 J	7000	ND (340)	ND (180000)
Naphthalene	µg/kg	1000000	227	70	0	39 J	30600	ND (330)	ND (180000)
Nitrobenzene	µg/kg	140000	83	0	0	N/A	N/A	ND (340)	ND (180000)
N-Nitrosodi-n-propylamine	µg/kg	-	83	0	N/A	N/A	N/A	ND (340)	ND (180000)
N-Nitrosodiphenylamine	µg/kg	-	83	1	N/A	480 J	480 J	ND (340)	ND (180000)
Pentachlorophenol	µg/kg	55000	83	0	0	N/A	N/A	ND (850)	ND (440000)
Phenanthrene	µg/kg	1000000	227	108	0	80 J	116400	ND (330)	ND (180000)
Phenol	µg/kg	1000000	83	0	0	N/A	N/A	ND (340)	ND (180000)
Pyrene	µg/kg	1000000	227	119	0	40 J	80000	ND (330)	ND (180000)
Metals									
Aluminum	µg/kg	-	264	264	N/A	225000	32000000	N/A	N/A
Antimony	µg/kg	-	264	137	N/A	87 J	1470000	ND (180) J	ND (29100) UJ
Arsenic	µg/kg	16000	264	259	155	770	6810000	ND (380)	ND (6700)
Barium	µg/kg	10000000	264	263	0	8900 B	3710000	ND (38400)	ND (38400)
Beryllium	µg/kg	2700000	264	245	0	32	21500	ND (220)	ND (1300)
Cadmium	µg/kg	60000	264	181	6	5.5	380000	ND (10)	ND (2000)
Calcium	µg/kg	-	264	263	N/A	39100 J	87800000	ND (8500)	ND (8500)
Chromium	µg/kg	-	264	264	N/A	170	1330000	N/A	N/A
Cobalt	µg/kg	-	264	261	N/A	1300	1370000	ND (1700)	ND (7900)
Copper	µg/kg	10000000	264	264	44	9300	273000000	N/A	N/A
Iron	µg/kg	-	264	264	N/A	478000	338000000	N/A	N/A
Lead	µg/kg	3900000	264	263	15	1700	52400000 J	ND (480)	ND (480)
Magnesium	µg/kg	-	264	264	N/A	12200 J	32600000	N/A	N/A
Manganese	µg/kg	10000000	264	264	0	490 J	2530000	N/A	N/A
Mercury	µg/kg	5700	280	231	28	34	354000	ND (17) UJ	ND (180)
Nickel	µg/kg	10000000	264	262	0	2900	3570000	ND (4600)	ND (6600)
Potassium	µg/kg	-	264	255	N/A	80300	9280000 B	ND (84500)	ND (2230000)
Selenium	µg/kg	6800000	264	196	0	270 J	890000	ND (180) J	ND (29100)
Silver	µg/kg	6800000	264	155	0	49	133000	ND (44)	ND (2600)
Sodium	µg/kg	-	264	263	N/A	46200	7630000	ND (52100)	ND (52100)
Thallium	µg/kg	-	264	98	N/A	41 J	34000	ND (210)	ND (30400)
Vanadium	µg/kg	-	264	257	N/A	330 J	1910000	ND (2900)	ND (3500)
Zinc	µg/kg	10000000	264	264	17	2900 J	34900000	N/A	N/A

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:
Sample ID:
Sample Date:
Sample Depth:

Parameter	*Units*	*RUSCO Criteria*	*# of Samples*	*# of Detects*	*# of Exceedances*	*Min Detect*	*Max Detect*	*Min ND*	*Max ND*
PCBs									
Aroclor-1016 (PCB-1016)	µg/kg	-	635	0	N/A	N/A	N/A	ND (17)	ND (1800000)
Aroclor-1221 (PCB-1221)	µg/kg	-	635	0	N/A	N/A	N/A	ND (17)	ND (1800000)
Aroclor-1232 (PCB-1232)	µg/kg	-	635	0	N/A	N/A	N/A	ND (17)	ND (1800000)
Aroclor-1242 (PCB-1242)	µg/kg	-	636	4	N/A	26 J	8000	ND (17)	ND (1800000)
Aroclor-1248 (PCB-1248)	µg/kg	-	636	176	N/A	240	4200000 J	ND (17)	ND (160000)
Aroclor-1254 (PCB-1254)	µg/kg	-	636	295	N/A	21 J	1700000	ND (17)	ND (1800000)
Aroclor-1260 (PCB-1260)	µg/kg	-	636	134	N/A	30 J	96000 J	ND (10)	ND (160000)
Total PCBs	µg/kg	-	635	350	N/A	37	4296000	ND	ND
Pesticides									
4,4'-DDD	µg/kg	180000	137	1	0	0.41 J	0.41 J	ND (1.7)	ND (900)
4,4'-DDE	µg/kg	120000	137	8	0	1.5 JP	210 P	ND (1.7)	ND (900)
4,4'-DDT	µg/kg	94000	137	4	0	2.5 J	120 P	ND (2.0)	ND (1800)
Aldrin	µg/kg	1400	138	1	0	1.7 JP	1.7 JP	ND (1.4)	ND (720)
alpha-BHC	µg/kg	6800	137	1	0	18 J	18 J	ND (0.86)	ND (450)
alpha-Chlordane	µg/kg	47000	137	1	0	4.0 J	4.0 J	ND (1.7)	ND (900)
beta-BHC	µg/kg	14000	137	1	0	12	12	ND (1.0)	ND (900)
delta-BHC	µg/kg	1000000	137	1	0	5.0 J	5.0 J	ND (1.7)	ND (900)
Dieldrin	µg/kg	2800	137	3	0	2.0 J	37	ND (1.7)	ND (900)
Endosulfan I	µg/kg	920000	137	0	0	N/A	N/A	ND (1.7)	ND (900)
Endosulfan II	µg/kg	920000	137	1	0	0.96 J	0.96 J	ND (1.7)	ND (900)
Endosulfan sulfate	µg/kg	920000	137	0	0	N/A	N/A	ND (3.4)	ND (1800)
Endrin	µg/kg	410000	137	1	0	2.6 JP	2.6 JP	ND (1.7)	ND (900)
Endrin aldehyde	µg/kg	-	137	6	N/A	1.2 JP	75 P	ND (1.7)	ND (900)
Endrin ketone	µg/kg	-	137	8	N/A	2.0 J	17 J	ND (1.7)	ND (900)
gamma-BHC (lindane)	µg/kg	23000	136	1	0	6.1 J	6.1 J	ND (1.7)	ND (900)
gamma-Chlordane	µg/kg	-	137	2	N/A	3.4 J	26 P	ND (1.7)	ND (900)
Heptachlor	µg/kg	29000	137	0	0	N/A	N/A	ND (1.4)	ND (720)
Heptachlor epoxide	µg/kg	-	137	0	N/A	N/A	N/A	ND (1.8)	ND (1800)
Methoxychlor	µg/kg	-	137	2	N/A	2.7 JP	13 JP	ND (1.8)	ND (7200)
Toxaphene	µg/kg	-	137	0	N/A	N/A	N/A	ND (8.6)	ND (4500)
Petroleum Hydrocarbons									
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	5	5	N/A	61000	420000	N/A	N/A
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	11	4	N/A	38000	650000	ND (210)	ND (30000)
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	10	4	N/A	5300	29000	ND (230)	ND (250)
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	1	1	N/A	4900	4900	N/A	N/A
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	1	1	N/A	380000	380000	N/A	N/A
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	10	10	N/A	540000	28000000	N/A	N/A
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	25	19	N/A	41600	13700000	ND (33900)	ND (41100)

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:
Sample ID:
Sample Date:
Sample Depth:

Parameter	*Units*	*RUSCO Criteria*	*# of Samples*	*# of Detects*	*# of Exceedances*	*Min Detect*	*Max Detect*	*Min ND*	*Max ND*
General Chemistry									
Chemical oxygen demand (COD)	µg/kg	-	16	7	N/A	876000	2390000	ND (290000)	ND (603000)
Cyanide (total)	µg/kg	10000000	138	4	0	2000	54300	ND (500)	ND (1800)
N-Hexane extractable material	µg/kg	-	6	6	N/A	218000	5330000	N/A	N/A
Nitrogen	µg/kg	-	16	6	N/A	9240	12400	ND (5210)	ND (6170)
Oil and grease	µg/kg	-	107	107	N/A	40000	56400000	N/A	N/A
Oil and grease (HEM), total	µg/kg	-	10	9	N/A	86500	70000000	ND (59900)	ND (59900)
Percent moisture	%	-	51	51	N/A	1.8	28.4	N/A	N/A
pH	s.u.	-	23	23	N/A	4.45	10.99	N/A	N/A
pH (water)	s.u.	-	16	16	N/A	5.1	10.5	N/A	N/A
Total organic carbon (TOC)	µg/kg	-	22	22	N/A	269000	177000000	N/A	N/A
Total Petroleum Hydrocarbons	µg/kg	-	105	105	N/A	28000	43400000	N/A	N/A
Total solids	%	-	114	114	N/A	29.2	99.3	N/A	N/A
Total volatile solids	%	-	16	16	N/A	1.8	36.1	N/A	N/A

Notes:

* - Duplicate analysis not within control limits.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:				*B4A*	*B-7 A-1*	*B-7 A-1*	*B-7 A-1*	*B-7 A-2*
Sample ID:				*S-34084-050207-SJS-001*	*S-091503-SD-33*	*S-091503-SD-34*	*S-091503-SD-35*	*S-091503-SD-37*
Sample Date:				*5/2/2007*	*9/15/2003*	*9/15/2003*	*9/15/2003*	*9/15/2003*
Sample Depth:				*10-12 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*	*8-10 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*	*Max Location*					
Volatiles								
1,1,1-Trichloroethane	µg/kg	1000000	N/A	ND (12)	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	N/A	ND (12)	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	N/A	ND (12)	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	OW10-99	ND (12)	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	N/A	ND (12)	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	N/A	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	OU-1-S006	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	N/A	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	N/A	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	N/A	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	N/A	ND (12)	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	N/A	ND (12)	-	-	-	-
1,2-Dichloropropane	µg/kg	-	N/A	ND (12)	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	OU-4-Boring 5	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	OU-1-S007	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	N/A	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	N/A	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	PD14	ND (12)	-	-	-	-
2-Hexanone	µg/kg	-	N/A	ND (12)	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	OU-1-S006	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	PD14	ND (12)	-	-	-	-
Acetone	µg/kg	1000000	PD14	ND (12)	-	-	-	-
Benzene	µg/kg	89000	PDW-37	ND (12)	-	-	-	-
Bromodichloromethane	µg/kg	-	N/A	ND (12)	-	-	-	-
Bromoform	µg/kg	-	N/A	ND (12)	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	N/A	ND (12)	-	-	-	-
Carbon disulfide	µg/kg	-	PD14	4 J	-	-	-	-
Carbon tetrachloride	µg/kg	44000	N/A	ND (12)	-	-	-	-
Chlorobenzene	µg/kg	1000000	N/A	ND (12)	-	-	-	-
Chloroethane	µg/kg	-	N/A	ND (12)	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	SB-4-ROW	ND (12)	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	N/A	ND (12)	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	N/A	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	N/A	ND (12)	-	-	-	-
Cyclohexane	µg/kg	-	N/A	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	OU-1-S007	-	-	-	-	-
Dibromochloromethane	µg/kg	-	N/A	ND (12)	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	N/A	-	-	-	-	-
Ethylbenzene	ug/kg	780000	PD6	ND (12)	-	-	-	-
Isopropyl benzene	µg/kg	-	OU-1-S006	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:				*B4A*	*B-7 A-1*	*B-7 A-1*	*B-7 A-1*	*B-7 A-2*
Sample ID:				*S-34084-050207-SJS-001*	*S-091503-SD-33*	*S-091503-SD-34*	*S-091503-SD-35*	*S-091503-SD-37*
Sample Date:				*5/2/2007*	*9/15/2003*	*9/15/2003*	*9/15/2003*	*9/15/2003*
Sample Depth:				*10-12 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*	*8-10 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*	*Max Location*					
m&p-Xylenes	µg/kg	-	OU-1-S007	-	-	-	-	-
Methyl acetate	µg/kg	-	N/A	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	N/A	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	N/A	-	-	-	-	-
Methylene chloride	µg/kg	1000000	PD23	5 BJ	-	-	-	-
Naphthalene	µg/kg	1000000	OU-4-Boring 5	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	OU-1-S006	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	OU-1-S006	-	-	-	-	-
o-Xylene	µg/kg	-	OU-4-Boring 5	-	-	-	-	-
Styrene	µg/kg	-	N/A	ND (12)	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	N/A	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	N/A	ND (12)	-	-	-	-
Toluene	µg/kg	1000000	PD14	ND (12)	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	N/A	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	N/A	ND (12)	-	-	-	-
Trichloroethene	µg/kg	400000	PD19	ND (12)	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	N/A	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	N/A	-	-	-	-	-
Vinyl chloride	µg/kg	27000	N/A	ND (12)	-	-	-	-
Xylenes (total)	µg/kg	1000000	PD6	ND (12)	-	-	-	-
Semi-Volatiles								
1,2,4-Trichlorobenzene	µg/kg	-	N/A	ND (400)	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	N/A	ND (400)	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	N/A	ND (400)	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	OU-4-BH-48	ND (400)	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	N/A	ND (400)	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	N/A	ND (1000)	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	N/A	ND (400)	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	N/A	ND (400)	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	N/A	ND (400)	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	N/A	ND (1000)	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	N/A	ND (400)	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	N/A	ND (400)	-	-	-	-
2-Chloronaphthalene	µg/kg	-	N/A	ND (400)	-	-	-	-
2-Chlorophenol	µg/kg	-	N/A	ND (400)	-	-	-	-
2-Methylnaphthalene	µg/kg	-	OU-1-S006	390 J	-	-	-	-
2-Methylphenol	µg/kg	1000000	N/A	ND (400)	-	-	-	-
2-Nitroaniline	µg/kg	-	N/A	ND (1000)	-	-	-	-
2-Nitrophenol	µg/kg	-	OU-4-BH-38	ND (400)	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	N/A	ND (400)	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:				*B4A*	*B-7 A-1*	*B-7 A-1*	*B-7 A-1*	*B-7 A-2*
Sample ID:				*S-34084-050207-SJS-001*	*S-091503-SD-33*	*S-091503-SD-34*	*S-091503-SD-35*	*S-091503-SD-37*
Sample Date:				*5/2/2007*	*9/15/2003*	*9/15/2003*	*9/15/2003*	*9/15/2003*
Sample Depth:				*10-12 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*	*8-10 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*	*Max Location*					
3-Nitroaniline	µg/kg	-	N/A	ND (1000)	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	N/A	ND (1000)	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	N/A	ND (400)	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	N/A	ND (400)	-	-	-	-
4-Chloroaniline	µg/kg	-	N/A	ND (400)	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	N/A	ND (400)	-	-	-	-
4-Methylphenol	µg/kg	1000000	OU-1-S002	ND (400)	-	-	-	-
4-Nitroaniline	µg/kg	-	N/A	ND (1000)	-	-	-	-
4-Nitrophenol	µg/kg	-	N/A	ND (1000)	-	-	-	-
Acenaphthene	µg/kg	1000000	PD43	630	-	-	-	-
Acenaphthylene	µg/kg	1000000	PD43	160 J	-	-	-	-
Acetophenone	µg/kg	-	SB-6-ROW	-	-	-	-	-
Anthracene	µg/kg	1000000	PD43	1600	-	-	-	-
Atrazine	µg/kg	-	N/A	-	-	-	-	-
Benzaldehyde	µg/kg	-	SB-1-ROW	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	PD43	6500	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	PD43	**4200**	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	PD43	5200	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	OU-1(C)-Boring 12	2000	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	PD43	2000	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	N/A	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	N/A	ND (400)	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	N/A	ND (400)	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	PDW-9/PD30	ND (400)	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	OU-1-S002	ND (400)	-	-	-	-
Caprolactam	µg/kg	-	N/A	-	-	-	-	-
Carbazole	µg/kg	-	OU-4-BH-36/OU-4-BH-40	160 J	-	-	-	-
Chrysene	µg/kg	110000	PD43	6700 D	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	Oil Delin. P1	820	-	-	-	-
Dibenzofuran	µg/kg	1000000	PD43	620	-	-	-	-
Diethyl phthalate	µg/kg	-	B4A	670	-	-	-	-
Dimethyl phthalate	µg/kg	-	N/A	ND (400)	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	OU-4-BH-46	87 J	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	N/A	ND (400)	-	-	-	-
Fluoranthene	µg/kg	1000000	PD43	6200	-	-	-	-
Fluorene	µg/kg	1000000	PD43	750	-	-	-	-
Hexachlorobenzene	µg/kg	12000	N/A	ND (400)	-	-	-	-
Hexachlorobutadiene	µg/kg	-	N/A	ND (400)	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	N/A	ND (400)	-	-	-	-
Hexachloroethane	µg/kg	-	N/A	ND (400)	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	PD43	1600	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:				*B4A*	*B-7 A-1*	*B-7 A-1*	*B-7 A-1*	*B-7 A-2*
Sample ID:				*S-34084-050207-SJS-001*	*S-091503-SD-33*	*S-091503-SD-34*	*S-091503-SD-35*	*S-091503-SD-37*
Sample Date:				*5/2/2007*	*9/15/2003*	*9/15/2003*	*9/15/2003*	*9/15/2003*
Sample Depth:				*10-12 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*	*8-10 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*	*Max Location*					
Isophorone	µg/kg	-	OU-4-BH-38	ND (400)	-	-	-	-
Naphthalene	µg/kg	1000000	PD43	600	-	-	-	-
Nitrobenzene	µg/kg	140000	N/A	ND (400)	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	N/A	ND (400)	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	OW11-99	ND (400)	-	-	-	-
Pentachlorophenol	µg/kg	55000	N/A	ND (1000)	-	-	-	-
Phenanthrene	µg/kg	1000000	PD43	5300	-	-	-	-
Phenol	µg/kg	1000000	N/A	ND (400)	-	-	-	-
Pyrene	µg/kg	1000000	PD43	11000 D	-	-	-	-
Metals								
Aluminum	µg/kg	-	PD34	-	-	-	-	-
Antimony	µg/kg	-	PD43	-	-	-	-	-
Arsenic	µg/kg	16000	PDW-15	-	-	-	-	-
Barium	µg/kg	10000000	PD43	-	-	-	-	-
Beryllium	µg/kg	2700000	PDW-1	-	-	-	-	-
Cadmium	µg/kg	60000	PD26	-	-	-	-	-
Calcium	µg/kg	-	PD29	-	-	-	-	-
Chromium	µg/kg	-	OW13-00	-	-	-	-	-
Cobalt	µg/kg	-	PD32	-	-	-	-	-
Copper	µg/kg	10000000	PD28	-	-	-	-	-
Iron	µg/kg	-	OW13-00	-	-	-	-	-
Lead	µg/kg	3900000	BH11-00	-	-	-	-	-
Magnesium	µg/kg	-	PDW-3	-	-	-	-	-
Manganese	µg/kg	10000000	OW13-00	-	-	-	-	-
Mercury	µg/kg	5700	BH11-00	-	-	-	-	-
Nickel	µg/kg	10000000	PD41	-	-	-	-	-
Potassium	µg/kg	-	PD23	-	-	-	-	-
Selenium	µg/kg	6800000	BH11-00	-	-	-	-	-
Silver	µg/kg	6800000	OW14-00	-	-	-	-	-
Sodium	µg/kg	-	PD14	-	-	-	-	-
Thallium	µg/kg	-	OW13-00	-	-	-	-	-
Vanadium	µg/kg	-	PD31	-	-	-	-	-
Zinc	µg/kg	10000000	PD43	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:				*B4A*	*B-7 A-1*	*B-7 A-1*	*B-7 A-1*	*B-7 A-2*
Sample ID:				*S-34084-050207-SJS-001*	*S-091503-SD-33*	*S-091503-SD-34*	*S-091503-SD-35*	*S-091503-SD-37*
Sample Date:				*5/2/2007*	*9/15/2003*	*9/15/2003*	*9/15/2003*	*9/15/2003*
Sample Depth:				*10-12 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*	*8-10 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*	*Max Location*					
PCBs								
Aroclor-1016 (PCB-1016)	µg/kg	-	N/A	ND (40)	ND (550)	ND (560) UJ	ND (530) UJ	ND (540) UJ
Aroclor-1221 (PCB-1221)	µg/kg	-	N/A	ND (81)	ND (1100)	ND (1100) UJ	ND (1100)	ND (1100)
Aroclor-1232 (PCB-1232)	µg/kg	-	N/A	ND (40)	ND (550)	ND (560) UJ	ND (530) UJ	ND (540) UJ
Aroclor-1242 (PCB-1242)	µg/kg	-	B-7 F-18 (Test Pit)	ND (40)	ND (550)	ND (560) UJ	ND (530) UJ	ND (540) UJ
Aroclor-1248 (PCB-1248)	µg/kg	-	B-7 F-12	ND (40)	1200 J	26000 J	8300 J	5700 J
Aroclor-1254 (PCB-1254)	µg/kg	-	Bldg.39-Grid 20 (SW Corner)	ND (40)	ND (550)	ND (560) UJ	ND (530) UJ	ND (540) UJ
Aroclor-1260 (PCB-1260)	µg/kg	-	B-7 F-12	ND (40)	ND (550)	ND (560) UJ	ND (530) UJ	ND (540) UJ
Total PCBs	µg/kg	-	B-7 F-12	ND	1200	26000	8300	5700
Pesticides								
4,4'-DDD	µg/kg	180000	OW8-99	-	-	-	-	-
4,4'-DDE	µg/kg	120000	PD30	-	-	-	-	-
4,4'-DDT	µg/kg	94000	PD30	-	-	-	-	-
Aldrin	µg/kg	1400	PD16	-	-	-	-	-
alpha-BHC	µg/kg	6800	BH6-99	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	OW8-99	-	-	-	-	-
beta-BHC	µg/kg	14000	BH6-99	-	-	-	-	-
delta-BHC	µg/kg	1000000	BH6-99	-	-	-	-	-
Dieldrin	µg/kg	2800	OW11-99	-	-	-	-	-
Endosulfan I	µg/kg	920000	N/A	-	-	-	-	-
Endosulfan II	µg/kg	920000	OW8-99	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	N/A	-	-	-	-	-
Endrin	µg/kg	410000	PD16	-	-	-	-	-
Endrin aldehyde	µg/kg	-	PD30	-	-	-	-	-
Endrin ketone	µg/kg	-	OW11-99	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	BH6-99	-	-	-	-	-
gamma-Chlordane	µg/kg	-	PD30	-	-	-	-	-
Heptachlor	µg/kg	29000	N/A	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	N/A	-	-	-	-	-
Methoxychlor	µg/kg	-	PD32	-	-	-	-	-
Toxaphene	µg/kg	-	N/A	-	-	-	-	-
Petroleum Hydrocarbons								
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	Oil Delin. P1	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	Oil Delin. P1	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	P.I.-Point 133	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	B4A	4900	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	B4A	380000	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	P.I.-Point 133	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	OU-1(C)-Boring 12	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:				*B4A*	*B-7 A-1*	*B-7 A-1*	*B-7 A-1*	*B-7 A-2*
Sample ID:				*S-34084-050207-SJS-001*	*S-091503-SD-33*	*S-091503-SD-34*	*S-091503-SD-35*	*S-091503-SD-37*
Sample Date:				*5/2/2007*	*9/15/2003*	*9/15/2003*	*9/15/2003*	*9/15/2003*
Sample Depth:				*10-12 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*	*8-10 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*	*Max Location*					
General Chemistry								
Chemical oxygen demand (COD)	µg/kg	-	P.I.-Point 134	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	PD32	-	-	-	-	-
N-Hexane extractable material	µg/kg	-	B-7 A-2	-	-	-	-	-
Nitrogen	µg/kg	-	P.I.-Point 130	-	-	-	-	-
Oil and grease	µg/kg	-	PD21	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	P.I.-Point 133	-	-	-	-	-
Percent moisture	%	-	OU-1(B)-Boring 2	17.7	-	-	-	-
pH	s.u.	-	OW14-00	-	-	-	-	-
pH (water)	s.u.	-	P.I.-Point 130/P.I.-Point 132/P.I.-Point 134	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	BH10-00	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	PDW-22	-	-	-	-	-
Total solids	%	-	Bldg.56-BH7	-	-	-	-	-
Total volatile solids	%	-	P.I.-Point 131	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits (Inorganics).

B - Method blank contamintion (Organics).

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 A-2*	*B-7 A-2*	*B-7 A-2*	*B-7 A-2*	*B-7 A-3*	*B-7 A-3*	*B-7 A-3*
Sample ID:			*S-091503-SD-38*	*S-091603-SD-39*	*S-091603-SD-40*	*S-110703-SD-001*	*S-091603-SD-47*	*S-091603-SD-48*	*S-091603-SD-49*
Sample Date:			*9/15/2003*	*9/16/2003*	*9/16/2003*	*11/7/2003*	*9/16/2003*	*9/16/2003*	*9/16/2003*
Sample Depth:			*4-6 ft BGS*	*6-8 ft BGS*	*8-10 ft BGS*	*0-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*
		RUSCO						*Duplicate*	
Parameter	*Units*	*Criteria*							
Volatiles									
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-	-
Ethylbenzene	ug/kg	780000	-	-	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 A-2*	*B-7 A-2*	*B-7 A-2*	*B-7 A-2*	*B-7 A-3*	*B-7 A-3*	*B-7 A-3*
Sample ID:			*S-091503-SD-38*	*S-091603-SD-39*	*S-091603-SD-40*	*S-110703-SD-001*	*S-091603-SD-47*	*S-091603-SD-48*	*S-091603-SD-49*
Sample Date:			*9/15/2003*	*9/16/2003*	*9/16/2003*	*11/7/2003*	*9/16/2003*	*9/16/2003*	*9/16/2003*
Sample Depth:			*4-6 ft BGS*	*6-8 ft BGS*	*8-10 ft BGS*	*0-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*
		RUSCO						*Duplicate*	
Parameter	*Units*	*Criteria*							
m&p-Xylenes	µg/kg	-	-	-	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-	-	-
Semi-Volatiles									
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 A-2*	*B-7 A-2*	*B-7 A-2*	*B-7 A-2*	*B-7 A-3*	*B-7 A-3*	*B-7 A-3*
Sample ID:			*S-091503-SD-38*	*S-091603-SD-39*	*S-091603-SD-40*	*S-110703-SD-001*	*S-091603-SD-47*	*S-091603-SD-48*	*S-091603-SD-49*
Sample Date:			*9/15/2003*	*9/16/2003*	*9/16/2003*	*11/7/2003*	*9/16/2003*	*9/16/2003*	*9/16/2003*
Sample Depth:			*4-6 ft BGS*	*6-8 ft BGS*	*8-10 ft BGS*	*0-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*
		RUSCO						*Duplicate*	
Parameter	*Units*	*Criteria*							
3-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 A-2*	*B-7 A-2*	*B-7 A-2*	*B-7 A-2*	*B-7 A-3*	*B-7 A-3*	*B-7 A-3*
Sample ID:			*S-091503-SD-38*	*S-091603-SD-39*	*S-091603-SD-40*	*S-110703-SD-001*	*S-091603-SD-47*	*S-091603-SD-48*	*S-091603-SD-49*
Sample Date:			*9/15/2003*	*9/16/2003*	*9/16/2003*	*11/7/2003*	*9/16/2003*	*9/16/2003*	*9/16/2003*
Sample Depth:			*4-6 ft BGS*	*6-8 ft BGS*	*8-10 ft BGS*	*0-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*
		RUSCO						*Duplicate*	
Parameter	*Units*	*Criteria*							
Isophorone	µg/kg	-	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-	-	-
Metals									
Aluminum	µg/kg	-	-	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 A-2*	*B-7 A-2*	*B-7 A-2*	*B-7 A-2*	*B-7 A-3*	*B-7 A-3*	*B-7 A-3*
Sample ID:			*S-091503-SD-38*	*S-091603-SD-39*	*S-091603-SD-40*	*S-110703-SD-001*	*S-091603-SD-47*	*S-091603-SD-48*	*S-091603-SD-49*
Sample Date:			*9/15/2003*	*9/16/2003*	*9/16/2003*	*11/7/2003*	*9/16/2003*	*9/16/2003*	*9/16/2003*
Sample Depth:			*4-6 ft BGS*	*6-8 ft BGS*	*8-10 ft BGS*	*0-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*
		RUSCO						*Duplicate*	
Parameter	*Units*	*Criteria*							
PCBs									
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (550) UJ	ND (540)	ND (540)	-	ND (520) UJ	ND (570) UJ	ND (590)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (1100)	ND (1100)	ND (1100)	-	ND (1000) UJ	ND (1100)	ND (1200)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (550) UJ	ND (540)	ND (540)	-	ND (520) UJ	ND (570) UJ	ND (590)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (550) UJ	ND (540)	ND (540)	-	ND (520) UJ	ND (570) UJ	ND (590)
Aroclor-1248 (PCB-1248)	µg/kg	-	5900 J	5000 J	ND (540)	-	21000 J	13000 J	2500 J
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (550) UJ	1400 J	ND (540)	-	5600 J	4100 J	1000 J
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (550) UJ	ND (540)	ND (540)	-	ND (520) UJ	ND (570) UJ	ND (590)
Total PCBs	µg/kg	-	5900	6400	ND	-	26600	17100	3500
Pesticides									
4,4'-DDD	µg/kg	180000	-	-	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-	-	-
Petroleum Hydrocarbons									
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	ND (210)	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 A-2*	*B-7 A-2*	*B-7 A-2*	*B-7 A-2*	*B-7 A-3*	*B-7 A-3*	*B-7 A-3*
Sample ID:			*S-091503-SD-38*	*S-091603-SD-39*	*S-091603-SD-40*	*S-110703-SD-001*	*S-091603-SD-47*	*S-091603-SD-48*	*S-091603-SD-49*
Sample Date:			*9/15/2003*	*9/16/2003*	*9/16/2003*	*11/7/2003*	*9/16/2003*	*9/16/2003*	*9/16/2003*
Sample Depth:			*4-6 ft BGS*	*6-8 ft BGS*	*8-10 ft BGS*	*0-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*
		RUSCO						*Duplicate*	
Parameter	*Units*	*Criteria*							
General Chemistry									
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	876000	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	5330000	-	-	-
Nitrogen	µg/kg	-	-	-	-	ND (5210)	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	5.1	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-
Total solids	%	-	-	-	-	87.4	-	-	-
Total volatile solids	%	-	-	-	-	9.4	-	-	-

Notes:

* - Duplicate analysis not within control limits.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits (Inorganics).

B - Method blank contamintion (Organics).

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 A-3*	*B-7 A-3*	*B-7 B-1*	*B-7 B-1*	*B-7 B-1*	*B-7 B-1*	*B-7 B-1*	*B-7 B-2*
Sample ID:			*S-091603-SD-50*	*S-091603-SD-51*	*S-092503-SD-60*	*S-092503-SD-61*	*S-092503-SD-62*	*S-092503-SD-64*	*S-092503-SD-65*	*S-091603-SD-42*
Sample Date:			*9/16/2003*	*9/16/2003*	*9/25/2003*	*9/25/2003*	*9/25/2003*	*9/25/2003*	*9/25/2003*	*9/16/2003*
Sample Depth:			*6-8 ft BGS*	*8-10 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*	*8-10 ft BGS*	*8-10 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							*Duplicate*	
Volatiles										
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-	-	-
Ethylbenzene	ug/kg	780000	-	-	-	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 A-3*	*B-7 A-3*	*B-7 B-1*	*B-7 B-1*	*B-7 B-1*	*B-7 B-1*	*B-7 B-1*	*B-7 B-2*
Sample ID:			*S-091603-SD-50*	*S-091603-SD-51*	*S-092503-SD-60*	*S-092503-SD-61*	*S-092503-SD-62*	*S-092503-SD-64*	*S-092503-SD-65*	*S-091603-SD-42*
Sample Date:			*9/16/2003*	*9/16/2003*	*9/25/2003*	*9/25/2003*	*9/25/2003*	*9/25/2003*	*9/25/2003*	*9/16/2003*
Sample Depth:			*6-8 ft BGS*	*8-10 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*	*8-10 ft BGS*	*8-10 ft BGS*	*2-4 ft BGS*
		RUSCO							*Duplicate*	
Parameter	*Units*	*Criteria*								
m&p-Xylenes	µg/kg	-	-	-	-	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-	-	-	-
Semi-Volatiles										
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 A-3*	*B-7 A-3*	*B-7 B-1*	*B-7 B-1*	*B-7 B-1*	*B-7 B-1*	*B-7 B-1*	*B-7 B-2*
Sample ID:			*S-091603-SD-50*	*S-091603-SD-51*	*S-092503-SD-60*	*S-092503-SD-61*	*S-092503-SD-62*	*S-092503-SD-64*	*S-092503-SD-65*	*S-091603-SD-42*
Sample Date:			*9/16/2003*	*9/16/2003*	*9/25/2003*	*9/25/2003*	*9/25/2003*	*9/25/2003*	*9/25/2003*	*9/16/2003*
Sample Depth:			*6-8 ft BGS*	*8-10 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*	*8-10 ft BGS*	*8-10 ft BGS*	*2-4 ft BGS*
		RUSCO							*Duplicate*	
Parameter	*Units*	*Criteria*								
3-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 A-3*	*B-7 A-3*	*B-7 B-1*	*B-7 B-1*	*B-7 B-1*	*B-7 B-1*	*B-7 B-1*	*B-7 B-2*
Sample ID:			*S-091603-SD-50*	*S-091603-SD-51*	*S-092503-SD-60*	*S-092503-SD-61*	*S-092503-SD-62*	*S-092503-SD-64*	*S-092503-SD-65*	*S-091603-SD-42*
Sample Date:			*9/16/2003*	*9/16/2003*	*9/25/2003*	*9/25/2003*	*9/25/2003*	*9/25/2003*	*9/25/2003*	*9/16/2003*
Sample Depth:			*6-8 ft BGS*	*8-10 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*	*8-10 ft BGS*	*8-10 ft BGS*	*2-4 ft BGS*
		RUSCO							*Duplicate*	
Parameter	*Units*	*Criteria*								
Isophorone	µg/kg	-	-	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-	-	-	-
Metals										
Aluminum	µg/kg	-	-	-	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 A-3*	*B-7 A-3*	*B-7 B-1*	*B-7 B-1*	*B-7 B-1*	*B-7 B-1*	*B-7 B-1*	*B-7 B-2*
Sample ID:			*S-091603-SD-50*	*S-091603-SD-51*	*S-092503-SD-60*	*S-092503-SD-61*	*S-092503-SD-62*	*S-092503-SD-64*	*S-092503-SD-65*	*S-091603-SD-42*
Sample Date:			*9/16/2003*	*9/16/2003*	*9/25/2003*	*9/25/2003*	*9/25/2003*	*9/25/2003*	*9/25/2003*	*9/16/2003*
Sample Depth:			*6-8 ft BGS*	*8-10 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*	*8-10 ft BGS*	*8-10 ft BGS*	*2-4 ft BGS*
		RUSCO							*Duplicate*	
Parameter	*Units*	*Criteria*								
PCBs										
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (600)	ND (570)	ND (540)	ND (540)	ND (530)	ND (520)	ND (520)	ND (580)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (1200)	ND (1100)	ND (1100)	ND (1100)	ND (1100)	ND (1000)	ND (1000)	ND (1200)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (600)	ND (570)	ND (540)	ND (540)	ND (530)	ND (520)	ND (520)	ND (580)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (600)	ND (570)	ND (540)	ND (540)	ND (530)	ND (520)	ND (520)	ND (580)
Aroclor-1248 (PCB-1248)	µg/kg	-	2400 J	3600 J	5200 J	ND (540)	2100	1700	2700	ND (580)
Aroclor-1254 (PCB-1254)	µg/kg	-	1100 J	1200 J	1200 J	1600	1400 J	460 J	830 J	ND (580)
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (600)	ND (570)	ND (540)	ND (540)	ND (530)	ND (520)	ND (520)	ND (580)
Total PCBs	µg/kg	-	3500	4800	6400	1600	3500	2160	3530	ND
Pesticides										
4,4'-DDD	µg/kg	180000	-	-	-	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-	-	-	-
Petroleum Hydrocarbons										
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 A-3*	*B-7 A-3*	*B-7 B-1*	*B-7 B-1*	*B-7 B-1*	*B-7 B-1*	*B-7 B-1*	*B-7 B-2*
Sample ID:			*S-091603-SD-50*	*S-091603-SD-51*	*S-092503-SD-60*	*S-092503-SD-61*	*S-092503-SD-62*	*S-092503-SD-64*	*S-092503-SD-65*	*S-091603-SD-42*
Sample Date:			*9/16/2003*	*9/16/2003*	*9/25/2003*	*9/25/2003*	*9/25/2003*	*9/25/2003*	*9/25/2003*	*9/16/2003*
Sample Depth:			*6-8 ft BGS*	*8-10 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*	*8-10 ft BGS*	*8-10 ft BGS*	*2-4 ft BGS*
		RUSCO							*Duplicate*	
Parameter	*Units*	*Criteria*								
General Chemistry										
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits (Inorganics).

B - Method blank contamintion (Organics).

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 B-2*	*B-7 B-2*	*B-7 B-2*	*B-7 (B Series near B-7 B-2)*	*B-7 C-1*	*B-7 C-1*	*B-7 C-1*
Sample ID:			*S-091603-SD-43*	*S-091603-SD-44*	*S-091603-SD-45*	*S-121703-SD-109*	*S-092503-SD-67*	*S-092503-SD-68*	*S-092503-SD-69*
Sample Date:			*9/16/2003*	*9/16/2003*	*9/16/2003*	*12/17/2003*	*9/25/2003*	*9/25/2003*	*9/25/2003*
Sample Depth:			*4-6 ft BGS*	*6-8 ft BGS*	*8-10 ft BGS*	*2 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							
Volatiles									
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-	-
Ethylbenzene	ug/kg	780000	-	-	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 B-2*	*B-7 B-2*	*B-7 B-2*	*B-7 (B Series near B-7 B-2)*	*B-7 C-1*	*B-7 C-1*	*B-7 C-1*
Sample ID:			*S-091603-SD-43*	*S-091603-SD-44*	*S-091603-SD-45*	*S-121703-SD-109*	*S-092503-SD-67*	*S-092503-SD-68*	*S-092503-SD-69*
Sample Date:			*9/16/2003*	*9/16/2003*	*9/16/2003*	*12/17/2003*	*9/25/2003*	*9/25/2003*	*9/25/2003*
Sample Depth:			*4-6 ft BGS*	*6-8 ft BGS*	*8-10 ft BGS*	*2 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							
m&p-Xylenes	µg/kg	-	-	-	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-	-	-
Semi-Volatiles									
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 B-2*	*B-7 B-2*	*B-7 B-2*	*B-7 (B Series near B-7 B-2)*	*B-7 C-1*	*B-7 C-1*	*B-7 C-1*
Sample ID:			*S-091603-SD-43*	*S-091603-SD-44*	*S-091603-SD-45*	*S-121703-SD-109*	*S-092503-SD-67*	*S-092503-SD-68*	*S-092503-SD-69*
Sample Date:			*9/16/2003*	*9/16/2003*	*9/16/2003*	*12/17/2003*	*9/25/2003*	*9/25/2003*	*9/25/2003*
Sample Depth:			*4-6 ft BGS*	*6-8 ft BGS*	*8-10 ft BGS*	*2 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							
3-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 B-2*	*B-7 B-2*	*B-7 B-2*	*B-7 (B Series near B-7 B-2)*	*B-7 C-1*	*B-7 C-1*	*B-7 C-1*
Sample ID:			*S-091603-SD-43*	*S-091603-SD-44*	*S-091603-SD-45*	*S-121703-SD-109*	*S-092503-SD-67*	*S-092503-SD-68*	*S-092503-SD-69*
Sample Date:			*9/16/2003*	*9/16/2003*	*9/16/2003*	*12/17/2003*	*9/25/2003*	*9/25/2003*	*9/25/2003*
Sample Depth:			*4-6 ft BGS*	*6-8 ft BGS*	*8-10 ft BGS*	*2 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							
Isophorone	µg/kg	-	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-	-	-
Metals									
Aluminum	µg/kg	-	-	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 B-2*	*B-7 B-2*	*B-7 B-2*	*B-7 (B Series near B-7 B-2)*	*B-7 C-1*	*B-7 C-1*	*B-7 C-1*
Sample ID:			*S-091603-SD-43*	*S-091603-SD-44*	*S-091603-SD-45*	*S-121703-SD-109*	*S-092503-SD-67*	*S-092503-SD-68*	*S-092503-SD-69*
Sample Date:			*9/16/2003*	*9/16/2003*	*9/16/2003*	*12/17/2003*	*9/25/2003*	*9/25/2003*	*9/25/2003*
Sample Depth:			*4-6 ft BGS*	*6-8 ft BGS*	*8-10 ft BGS*	*2 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							
PCBs									
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (570)	ND (570)	ND (590)	ND (580)	ND (590) UJ	ND (660)	ND (520)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (1100)	ND (1100)	ND (1200)	ND (580)	ND (1200)	ND (1300)	ND (1000)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (570)	ND (570)	ND (590)	ND (580)	ND (590) UJ	ND (660)	ND (520)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (570)	ND (570)	ND (590)	ND (580)	ND (590) UJ	ND (660)	ND (520)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (570)	380 J	ND (590)	ND (580)	13000 J	520 J	3200
Aroclor-1254 (PCB-1254)	µg/kg	-	690 J	ND (570)	ND (590)	ND (580)	1900 J	ND (660)	800 J
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (570)	ND (570)	ND (590)	ND (580)	ND (590) UJ	ND (660)	ND (520)
Total PCBs	µg/kg	-	690	380	ND	ND	14900	520	4000
Pesticides									
4,4'-DDD	µg/kg	180000	-	-	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-	-	-
Petroleum Hydrocarbons									
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 B-2*	*B-7 B-2*	*B-7 B-2*	*B-7 (B Series near B-7 B-2)*	*B-7 C-1*	*B-7 C-1*	*B-7 C-1*
Sample ID:			*S-091603-SD-43*	*S-091603-SD-44*	*S-091603-SD-45*	*S-121703-SD-109*	*S-092503-SD-67*	*S-092503-SD-68*	*S-092503-SD-69*
Sample Date:			*9/16/2003*	*9/16/2003*	*9/16/2003*	*12/17/2003*	*9/25/2003*	*9/25/2003*	*9/25/2003*
Sample Depth:			*4-6 ft BGS*	*6-8 ft BGS*	*8-10 ft BGS*	*2 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							
General Chemistry									
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits (Inorganics).

B - Method blank contamintion (Organics).

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 C-2*	*B-7 C-2*	*B-7 C-2*	*B-7 C-2*	*B-7 C-2*	*B-7 C-3*	*B-7 C-3*
Sample ID:			*S-092503-SD-71*	*S-092503-SD-72*	*S-092503-SD-63*	*S-092503-SD-73*	*S-110703-SD-002*	*S-092503-SD-75*	*S-092503-SD-76*
Sample Date:			*9/25/2003*	*9/25/2003*	*9/25/2003*	*9/25/2003*	*11/7/2003*	*9/25/2003*	*9/25/2003*
Sample Depth:			*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*	*8-10 ft BGS*	*0-4 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							
Volatiles									
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-	-
Ethylbenzene	ug/kg	780000	-	-	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 C-2*	*B-7 C-2*	*B-7 C-2*	*B-7 C-2*	*B-7 C-2*	*B-7 C-3*	*B-7 C-3*
Sample ID:			*S-092503-SD-71*	*S-092503-SD-72*	*S-092503-SD-63*	*S-092503-SD-73*	*S-110703-SD-002*	*S-092503-SD-75*	*S-092503-SD-76*
Sample Date:			*9/25/2003*	*9/25/2003*	*9/25/2003*	*9/25/2003*	*11/7/2003*	*9/25/2003*	*9/25/2003*
Sample Depth:			*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*	*8-10 ft BGS*	*0-4 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							
m&p-Xylenes	µg/kg	-	-	-	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-	-	-
Semi-Volatiles									
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 C-2*	*B-7 C-2*	*B-7 C-2*	*B-7 C-2*	*B-7 C-2*	*B-7 C-3*	*B-7 C-3*
Sample ID:			*S-092503-SD-71*	*S-092503-SD-72*	*S-092503-SD-63*	*S-092503-SD-73*	*S-110703-SD-002*	*S-092503-SD-75*	*S-092503-SD-76*
Sample Date:			*9/25/2003*	*9/25/2003*	*9/25/2003*	*9/25/2003*	*11/7/2003*	*9/25/2003*	*9/25/2003*
Sample Depth:			*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*	*8-10 ft BGS*	*0-4 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							
3-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 C-2*	*B-7 C-2*	*B-7 C-2*	*B-7 C-2*	*B-7 C-2*	*B-7 C-3*	*B-7 C-3*
Sample ID:			*S-092503-SD-71*	*S-092503-SD-72*	*S-092503-SD-63*	*S-092503-SD-73*	*S-110703-SD-002*	*S-092503-SD-75*	*S-092503-SD-76*
Sample Date:			*9/25/2003*	*9/25/2003*	*9/25/2003*	*9/25/2003*	*11/7/2003*	*9/25/2003*	*9/25/2003*
Sample Depth:			*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*	*8-10 ft BGS*	*0-4 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							
Isophorone	µg/kg	-	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-	-	-
Metals									
Aluminum	µg/kg	-	-	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 C-2*	*B-7 C-2*	*B-7 C-2*	*B-7 C-2*	*B-7 C-2*	*B-7 C-3*	*B-7 C-3*
Sample ID:			*S-092503-SD-71*	*S-092503-SD-72*	*S-092503-SD-63*	*S-092503-SD-73*	*S-110703-SD-002*	*S-092503-SD-75*	*S-092503-SD-76*
Sample Date:			*9/25/2003*	*9/25/2003*	*9/25/2003*	*9/25/2003*	*11/7/2003*	*9/25/2003*	*9/25/2003*
Sample Depth:			*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*	*8-10 ft BGS*	*0-4 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							
PCBs									
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (550)	ND (570)	ND (560)	ND (520)	-	ND (540) UJ	ND (550)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (1100)	ND (1100)	ND (1100)	ND (1000)	-	ND (1100)	ND (1100)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (550)	ND (570)	ND (560)	ND (520)	-	ND (540) UJ	ND (550)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (550)	ND (570)	ND (560)	ND (520)	-	ND (540) UJ	ND (550)
Aroclor-1248 (PCB-1248)	µg/kg	-	6800	1400	1200	320 J	-	12000	2000
Aroclor-1254 (PCB-1254)	µg/kg	-	1500 J	570 J	390 J	ND (520)	-	2500 J	830 J
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (550)	ND (570)	ND (560)	ND (520)	-	ND (540) UJ	ND (550)
Total PCBs	µg/kg	-	8300	1970	1590	320	-	14500	2830
Pesticides									
4,4'-DDD	µg/kg	180000	-	-	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-	-	-
Petroleum Hydrocarbons									
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	ND (240)	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 C-2*	*B-7 C-2*	*B-7 C-2*	*B-7 C-2*	*B-7 C-2*	*B-7 C-3*	*B-7 C-3*
Sample ID:			*S-092503-SD-71*	*S-092503-SD-72*	*S-092503-SD-63*	*S-092503-SD-73*	*S-110703-SD-002*	*S-092503-SD-75*	*S-092503-SD-76*
Sample Date:			*9/25/2003*	*9/25/2003*	*9/25/2003*	*9/25/2003*	*11/7/2003*	*9/25/2003*	*9/25/2003*
Sample Depth:			*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*	*8-10 ft BGS*	*0-4 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							
General Chemistry									
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	ND (603000)	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-	591000	-	-
Nitrogen	µg/kg	-	-	-	-	-	10700	-	-
Oil and grease	µg/kg	-	-	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	7.5	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	85.8	-	-
Total volatile solids	%	-	-	-	-	-	3.7	-	-

Notes:

* - Duplicate analysis not within control limits.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits (Inorganics).

B - Method blank contamintion (Organics).

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 C-3*	*B-7 C-3A*	*B-7 C-4*	*B-7 C-5*	*B-7 C-5*	*B-7 C-5*	*B-7 C-5*
Sample ID:			*S-092503-SD-77*	*S-100903-SD-108*	*S-092603-SD-79*	*S-092603-SD-82*	*S-092603-SD-83*	*S-092603-SD-84*	*S-092603-SD-85*
Sample Date:			*9/25/2003*	*10/9/2003*	*9/26/2003*	*9/26/2003*	*9/26/2003*	*9/26/2003*	*9/26/2003*
Sample Depth:			*6-8 ft BGS*	*6-8 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*	*8-10 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							
Volatiles									
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-	-
Ethylbenzene	ug/kg	780000	-	-	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 C-3*	*B-7 C-3A*	*B-7 C-4*	*B-7 C-5*	*B-7 C-5*	*B-7 C-5*	*B-7 C-5*
Sample ID:			*S-092503-SD-77*	*S-100903-SD-108*	*S-092603-SD-79*	*S-092603-SD-82*	*S-092603-SD-83*	*S-092603-SD-84*	*S-092603-SD-85*
Sample Date:			*9/25/2003*	*10/9/2003*	*9/26/2003*	*9/26/2003*	*9/26/2003*	*9/26/2003*	*9/26/2003*
Sample Depth:			*6-8 ft BGS*	*6-8 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*	*8-10 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							
m&p-Xylenes	µg/kg	-	-	-	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-	-	-
Semi-Volatiles									
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 C-3*	*B-7 C-3A*	*B-7 C-4*	*B-7 C-5*	*B-7 C-5*	*B-7 C-5*	*B-7 C-5*
Sample ID:			*S-092503-SD-77*	*S-100903-SD-108*	*S-092603-SD-79*	*S-092603-SD-82*	*S-092603-SD-83*	*S-092603-SD-84*	*S-092603-SD-85*
Sample Date:			*9/25/2003*	*10/9/2003*	*9/26/2003*	*9/26/2003*	*9/26/2003*	*9/26/2003*	*9/26/2003*
Sample Depth:			*6-8 ft BGS*	*6-8 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*	*8-10 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							
3-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 C-3*	*B-7 C-3A*	*B-7 C-4*	*B-7 C-5*	*B-7 C-5*	*B-7 C-5*	*B-7 C-5*
Sample ID:			*S-092503-SD-77*	*S-100903-SD-108*	*S-092603-SD-79*	*S-092603-SD-82*	*S-092603-SD-83*	*S-092603-SD-84*	*S-092603-SD-85*
Sample Date:			*9/25/2003*	*10/9/2003*	*9/26/2003*	*9/26/2003*	*9/26/2003*	*9/26/2003*	*9/26/2003*
Sample Depth:			*6-8 ft BGS*	*6-8 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*	*8-10 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							
Isophorone	µg/kg	-	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-	-	-
Metals									
Aluminum	µg/kg	-	-	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 C-3*	*B-7 C-3A*	*B-7 C-4*	*B-7 C-5*	*B-7 C-5*	*B-7 C-5*	*B-7 C-5*
Sample ID:			*S-092503-SD-77*	*S-100903-SD-108*	*S-092603-SD-79*	*S-092603-SD-82*	*S-092603-SD-83*	*S-092603-SD-84*	*S-092603-SD-85*
Sample Date:			*9/25/2003*	*10/9/2003*	*9/26/2003*	*9/26/2003*	*9/26/2003*	*9/26/2003*	*9/26/2003*
Sample Depth:			*6-8 ft BGS*	*6-8 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*	*8-10 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							
PCBs									
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (570)	ND (580)	ND (530)	ND (550)	ND (540)	ND (530)	ND (600)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (1100)	ND (1200)	ND (1100)	ND (1100)	ND (1100)	ND (1100)	ND (1200)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (570)	ND (580)	ND (530)	ND (550)	ND (540)	ND (530)	ND (600)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (570)	ND (580)	ND (530)	ND (550)	ND (540)	ND (530)	ND (600)
Aroclor-1248 (PCB-1248)	µg/kg	-	7900 J	3000	2300 J	400 J	1500 J	ND (530)	ND (600)
Aroclor-1254 (PCB-1254)	µg/kg	-	3100 J	ND (580)	1800 J	760 J	4000 J	280 J	350 J
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (570)	ND (580)	ND (530)	ND (550)	ND (540)	ND (530)	ND (600)
Total PCBs	µg/kg	-	11000	3000	4100	1160	5500	280	350
Pesticides									
4,4'-DDD	µg/kg	180000	-	-	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-	-	-
Petroleum Hydrocarbons									
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 C-3*	*B-7 C-3A*	*B-7 C-4*	*B-7 C-5*	*B-7 C-5*	*B-7 C-5*	*B-7 C-5*
Sample ID:			*S-092503-SD-77*	*S-100903-SD-108*	*S-092603-SD-79*	*S-092603-SD-82*	*S-092603-SD-83*	*S-092603-SD-84*	*S-092603-SD-85*
Sample Date:			*9/25/2003*	*10/9/2003*	*9/26/2003*	*9/26/2003*	*9/26/2003*	*9/26/2003*	*9/26/2003*
Sample Depth:			*6-8 ft BGS*	*6-8 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*	*8-10 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							
General Chemistry									
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits (Inorganics).

B - Method blank contamintion (Organics).

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 C-6*	*B-7 C-6*	*B-7 C-6*	*B-7 C-6*	*B-7 C-6A*	*B-7 (Center)*	*B-7 (Center)*
Sample ID:			*S-092603-SD-88*	*S-092603-SD-89*	*S-092603-SD-90*	*S-092603-SD-91*	*S-100903-SD-109*	*S-091003-SD-05*	*S-091003-SD-06*
Sample Date:			*9/26/2003*	*9/26/2003*	*9/26/2003*	*9/26/2003*	*10/9/2003*	*9/10/2003*	*9/10/2003*
Sample Depth:			*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*	*6-8 ft BGS*	*6-8 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*
		RUSCO				*Duplicate*			*Duplicate*
Parameter	*Units*	*Criteria*							
Volatiles									
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-	-
Ethylbenzene	ug/kg	780000	-	-	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 C-6*	*B-7 C-6*	*B-7 C-6*	*B-7 C-6*	*B-7 C-6A*	*B-7 (Center)*	*B-7 (Center)*
Sample ID:			*S-092603-SD-88*	*S-092603-SD-89*	*S-092603-SD-90*	*S-092603-SD-91*	*S-100903-SD-109*	*S-091003-SD-05*	*S-091003-SD-06*
Sample Date:			*9/26/2003*	*9/26/2003*	*9/26/2003*	*9/26/2003*	*10/9/2003*	*9/10/2003*	*9/10/2003*
Sample Depth:			*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*	*6-8 ft BGS*	*6-8 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*
		RUSCO				*Duplicate*			*Duplicate*
Parameter	*Units*	*Criteria*							
m&p-Xylenes	µg/kg	-	-	-	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-	-	-
Semi-Volatiles									
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 C-6*	*B-7 C-6*	*B-7 C-6*	*B-7 C-6*	*B-7 C-6A*	*B-7 (Center)*	*B-7 (Center)*
Sample ID:			*S-092603-SD-88*	*S-092603-SD-89*	*S-092603-SD-90*	*S-092603-SD-91*	*S-100903-SD-109*	*S-091003-SD-05*	*S-091003-SD-06*
Sample Date:			*9/26/2003*	*9/26/2003*	*9/26/2003*	*9/26/2003*	*10/9/2003*	*9/10/2003*	*9/10/2003*
Sample Depth:			*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*	*6-8 ft BGS*	*6-8 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*
		RUSCO				*Duplicate*			*Duplicate*
Parameter	*Units*	*Criteria*							
3-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 C-6*	*B-7 C-6*	*B-7 C-6*	*B-7 C-6*	*B-7 C-6A*	*B-7 (Center)*	*B-7 (Center)*
Sample ID:			*S-092603-SD-88*	*S-092603-SD-89*	*S-092603-SD-90*	*S-092603-SD-91*	*S-100903-SD-109*	*S-091003-SD-05*	*S-091003-SD-06*
Sample Date:			*9/26/2003*	*9/26/2003*	*9/26/2003*	*9/26/2003*	*10/9/2003*	*9/10/2003*	*9/10/2003*
Sample Depth:			*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*	*6-8 ft BGS*	*6-8 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*
		RUSCO				*Duplicate*			*Duplicate*
Parameter	*Units*	*Criteria*							
Isophorone	µg/kg	-	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-	-	-
Metals									
Aluminum	µg/kg	-	-	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 C-6*	*B-7 C-6*	*B-7 C-6*	*B-7 C-6*	*B-7 C-6A*	*B-7 (Center)*	*B-7 (Center)*
Sample ID:			*S-092603-SD-88*	*S-092603-SD-89*	*S-092603-SD-90*	*S-092603-SD-91*	*S-100903-SD-109*	*S-091003-SD-05*	*S-091003-SD-06*
Sample Date:			*9/26/2003*	*9/26/2003*	*9/26/2003*	*9/26/2003*	*10/9/2003*	*9/10/2003*	*9/10/2003*
Sample Depth:			*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*	*6-8 ft BGS*	*6-8 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*
		RUSCO				*Duplicate*			*Duplicate*
Parameter	*Units*	*Criteria*							
PCBs									
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (540)	ND (560) UJ	ND (510) UJ	ND (550) UJ	ND (550)	ND (520)	ND (520)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (1100)	ND (1100) UJ	ND (1000)	ND (1100)	ND (1100)	ND (1000)	ND (1000)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (540)	ND (560) UJ	ND (510) UJ	ND (550) UJ	ND (550)	ND (520)	ND (520)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (540)	ND (560) UJ	ND (510) UJ	ND (550) UJ	ND (550)	ND (520)	ND (520)
Aroclor-1248 (PCB-1248)	µg/kg	-	1900 J	26000 J	11000 J	6900 J	ND (550)	ND (520)	ND (520)
Aroclor-1254 (PCB-1254)	µg/kg	-	2500 J	4700 J	2400 J	2100 J	ND (550)	ND (520)	ND (520)
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (540)	ND (560) UJ	ND (510) UJ	ND (550) UJ	ND (550)	ND (520)	ND (520)
Total PCBs	µg/kg	-	4400	30700	13400	9000	ND	ND	ND
Pesticides									
4,4'-DDD	µg/kg	180000	-	-	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-	-	-
Petroleum Hydrocarbons									
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 C-6*	*B-7 C-6*	*B-7 C-6*	*B-7 C-6*	*B-7 C-6A*	*B-7 (Center)*	*B-7 (Center)*
Sample ID:			*S-092603-SD-88*	*S-092603-SD-89*	*S-092603-SD-90*	*S-092603-SD-91*	*S-100903-SD-109*	*S-091003-SD-05*	*S-091003-SD-06*
Sample Date:			*9/26/2003*	*9/26/2003*	*9/26/2003*	*9/26/2003*	*10/9/2003*	*9/10/2003*	*9/10/2003*
Sample Depth:			*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*	*6-8 ft BGS*	*6-8 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*
		RUSCO				*Duplicate*			*Duplicate*
Parameter	*Units*	*Criteria*							
General Chemistry									
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits (Inorganics).

B - Method blank contamintion (Organics).

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 (Center)*	*B-7 (Center)*	*B-7 (Center)*	*B-7 (Center)*	*B-7 (C Series near B-7 C-3)*
Sample ID:			*S-091003-SD-07*	*S-091003-SD-08*	*S-091503-SD-29*	*S-091503-SD-30*	*S-121703-SD-111*
Sample Date:			*9/10/2003*	*9/10/2003*	*9/15/2003*	*9/15/2003*	*12/17/2003*
Sample Depth:			*4-6 ft BGS*	*6-7 ft BGS*	*6-8 ft BGS*	*8-10 ft BGS*	*2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					*Duplicate*
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	ug/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 (Center)*	*B-7 (Center)*	*B-7 (Center)*	*B-7 (Center)*	*B-7 (C Series near B-7 C-3)*
Sample ID:			*S-091003-SD-07*	*S-091003-SD-08*	*S-091503-SD-29*	*S-091503-SD-30*	*S-121703-SD-111*
Sample Date:			*9/10/2003*	*9/10/2003*	*9/15/2003*	*9/15/2003*	*12/17/2003*
Sample Depth:			*4-6 ft BGS*	*6-7 ft BGS*	*6-8 ft BGS*	*8-10 ft BGS*	*2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					*Duplicate*
m&p-Xylenes	µg/kg	-	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 (Center)*	*B-7 (Center)*	*B-7 (Center)*	*B-7 (Center)*	*B-7 (C Series near B-7 C-3)*
Sample ID:			*S-091003-SD-07*	*S-091003-SD-08*	*S-091503-SD-29*	*S-091503-SD-30*	*S-121703-SD-111*
Sample Date:			*9/10/2003*	*9/10/2003*	*9/15/2003*	*9/15/2003*	*12/17/2003*
Sample Depth:			*4-6 ft BGS*	*6-7 ft BGS*	*6-8 ft BGS*	*8-10 ft BGS*	*2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					*Duplicate*
3-Nitroaniline	µg/kg	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 (Center)*	*B-7 (Center)*	*B-7 (Center)*	*B-7 (Center)*	*B-7 (C Series near B-7 C-3)*
Sample ID:			*S-091003-SD-07*	*S-091003-SD-08*	*S-091503-SD-29*	*S-091503-SD-30*	*S-121703-SD-111*
Sample Date:			*9/10/2003*	*9/10/2003*	*9/15/2003*	*9/15/2003*	*12/17/2003*
Sample Depth:			*4-6 ft BGS*	*6-7 ft BGS*	*6-8 ft BGS*	*8-10 ft BGS*	*2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					*Duplicate*
Isophorone	µg/kg	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-
Metals							
Aluminum	µg/kg	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 (Center)*	*B-7 (Center)*	*B-7 (Center)*	*B-7 (Center)*	*B-7 (C Series near B-7 C-3)*
Sample ID:			*S-091003-SD-07*	*S-091003-SD-08*	*S-091503-SD-29*	*S-091503-SD-30*	*S-121703-SD-111*
Sample Date:			*9/10/2003*	*9/10/2003*	*9/15/2003*	*9/15/2003*	*12/17/2003*
Sample Depth:			*4-6 ft BGS*	*6-7 ft BGS*	*6-8 ft BGS*	*8-10 ft BGS*	*2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					*Duplicate*
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (510)	ND (510)	ND (520) UJ	ND (560)	ND (550) UJ
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (1000)	ND (1000)	ND (1000) UJ	ND (1100)	ND (550)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (510)	ND (510)	ND (520) UJ	ND (560)	ND (550) UJ
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (510)	ND (510)	ND (520) UJ	ND (560)	ND (550) UJ
Aroclor-1248 (PCB-1248)	µg/kg	-	3000 J	3500	33000 J	1900 J	2600 J
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (510)	400 J	ND (520) UJ	ND (560)	ND (550) UJ
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (510)	ND (510)	ND (520) UJ	ND (560)	450 J
Total PCBs	µg/kg	-	3000	3900	33000	1900	3050
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 (Center)*	*B-7 (Center)*	*B-7 (Center)*	*B-7 (Center)*	*B-7 (C Series near B-7 C-3)*
Sample ID:			*S-091003-SD-07*	*S-091003-SD-08*	*S-091503-SD-29*	*S-091503-SD-30*	*S-121703-SD-111*
Sample Date:			*9/10/2003*	*9/10/2003*	*9/15/2003*	*9/15/2003*	*12/17/2003*
Sample Depth:			*4-6 ft BGS*	*6-7 ft BGS*	*6-8 ft BGS*	*8-10 ft BGS*	*2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					*Duplicate*
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits (Inorganics).

B - Method blank contamintion (Organics).

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 (C Series near B-7 C-4)*	*B-7 D-1*	*B-7 D-1*	*B-7 D-1*	*B-7 D-4*	*B-7 D-5*
Sample ID:			*S-121703-SD-110*	*S-100903-SD-101*	*S-100903-SD-102*	*S-100903-SD-103*	*S-100903-SD-107*	*S-100903-SD-111*
Sample Date:			*12/17/2003*	*10/9/2003*	*10/9/2003*	*10/9/2003*	*10/9/2003*	*10/9/2003*
Sample Depth:			*2 ft BGS*	*2-4 ft BGS*	*4-5.5 ft BGS*	*4-5.5 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*
		RUSCO				*Duplicate*		
Parameter	*Units*	*Criteria*						
Volatiles								
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-
Ethylbenzene	ug/kg	780000	-	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 (C Series near B-7 C-4)*	*B-7 D-1*	*B-7 D-1*	*B-7 D-1*	*B-7 D-4*	*B-7 D-5*
Sample ID:			*S-121703-SD-110*	*S-100903-SD-101*	*S-100903-SD-102*	*S-100903-SD-103*	*S-100903-SD-107*	*S-100903-SD-111*
Sample Date:			*12/17/2003*	*10/9/2003*	*10/9/2003*	*10/9/2003*	*10/9/2003*	*10/9/2003*
Sample Depth:			*2 ft BGS*	*2-4 ft BGS*	*4-5.5 ft BGS*	*4-5.5 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*
		RUSCO				*Duplicate*		
Parameter	*Units*	*Criteria*						
m&p-Xylenes	µg/kg	-	-	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-	-
Semi-Volatiles								
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 (C Series near B-7 C-4)*	*B-7 D-1*	*B-7 D-1*	*B-7 D-1*	*B-7 D-4*	*B-7 D-5*
Sample ID:			*S-121703-SD-110*	*S-100903-SD-101*	*S-100903-SD-102*	*S-100903-SD-103*	*S-100903-SD-107*	*S-100903-SD-111*
Sample Date:			*12/17/2003*	*10/9/2003*	*10/9/2003*	*10/9/2003*	*10/9/2003*	*10/9/2003*
Sample Depth:			*2 ft BGS*	*2-4 ft BGS*	*4-5.5 ft BGS*	*4-5.5 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*
		RUSCO				*Duplicate*		
Parameter	*Units*	*Criteria*						
3-Nitroaniline	µg/kg	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 (C Series near B-7 C-4)*	*B-7 D-1*	*B-7 D-1*	*B-7 D-1*	*B-7 D-4*	*B-7 D-5*
Sample ID:			*S-121703-SD-110*	*S-100903-SD-101*	*S-100903-SD-102*	*S-100903-SD-103*	*S-100903-SD-107*	*S-100903-SD-111*
Sample Date:			*12/17/2003*	*10/9/2003*	*10/9/2003*	*10/9/2003*	*10/9/2003*	*10/9/2003*
Sample Depth:			*2 ft BGS*	*2-4 ft BGS*	*4-5.5 ft BGS*	*4-5.5 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*
		RUSCO				*Duplicate*		
Parameter	*Units*	*Criteria*						
Isophorone	µg/kg	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-	-
Metals								
Aluminum	µg/kg	-	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 (C Series near B-7 C-4)*	*B-7 D-1*	*B-7 D-1*	*B-7 D-1*	*B-7 D-4*	*B-7 D-5*
Sample ID:			*S-121703-SD-110*	*S-100903-SD-101*	*S-100903-SD-102*	*S-100903-SD-103*	*S-100903-SD-107*	*S-100903-SD-111*
Sample Date:			*12/17/2003*	*10/9/2003*	*10/9/2003*	*10/9/2003*	*10/9/2003*	*10/9/2003*
Sample Depth:			*2 ft BGS*	*2-4 ft BGS*	*4-5.5 ft BGS*	*4-5.5 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*
		RUSCO				*Duplicate*		
Parameter	*Units*	*Criteria*						
PCBs								
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (5900)	ND (560) UJ	ND (560)	ND (560) UJ	ND (600)	ND (560) UJ
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (590)	ND (1100) UJ	ND (1100)	ND (1100) UJ	ND (1200)	ND (1100) UJ
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (5900)	ND (560) UJ	ND (560)	ND (560) UJ	ND (600)	ND (560) UJ
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (5900)	ND (560) UJ	ND (560)	ND (560) UJ	ND (600)	ND (560) UJ
Aroclor-1248 (PCB-1248)	µg/kg	-	40000 J	820000 J	1900 J	18000 J	850	21000 J
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (5900)	59000 J	ND (560)	ND (560) UJ	2400 J	7900 J
Aroclor-1260 (PCB-1260)	µg/kg	-	390 J	ND (560) UJ	ND (560)	ND (560) UJ	ND (600)	ND (560) UJ
Total PCBs	µg/kg	-	40390	879000	1900	18000	3250	28900
Pesticides								
4,4'-DDD	µg/kg	180000	-	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-	-
Petroleum Hydrocarbons								
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 (C Series near B-7 C-4)*	*B-7 D-1*	*B-7 D-1*	*B-7 D-1*	*B-7 D-4*	*B-7 D-5*
Sample ID:			*S-121703-SD-110*	*S-100903-SD-101*	*S-100903-SD-102*	*S-100903-SD-103*	*S-100903-SD-107*	*S-100903-SD-111*
Sample Date:			*12/17/2003*	*10/9/2003*	*10/9/2003*	*10/9/2003*	*10/9/2003*	*10/9/2003*
Sample Depth:			*2 ft BGS*	*2-4 ft BGS*	*4-5.5 ft BGS*	*4-5.5 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*
		RUSCO				*Duplicate*		
Parameter	*Units*	*Criteria*						
General Chemistry								
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits (Inorganics).

B - Method blank contamintion (Organics).

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 D-5*	*B-7 D-5*	*B-7 (Between D-5 and E-4)*	*B-7 (D Series near B-7 D-2)*	*B-7 E-1*
Sample ID:			*S-100903-SD-112*	*S-100903-SD-113*	*S-110703-SD-003*	*S-121703-SD-108*	*S-110303-SD-002*
Sample Date:			*10/9/2003*	*10/9/2003*	*11/7/2003*	*12/17/2003*	*11/3/2003*
Sample Depth:			*4-6 ft BGS*	*6-8 ft BGS*	*0-4 ft BGS*	*2 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	ug/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 D-5*	*B-7 D-5*	*B-7 (Between D-5 and E-4)*	*B-7 (D Series near B-7 D-2)*	*B-7 E-1*
Sample ID:			*S-100903-SD-112*	*S-100903-SD-113*	*S-110703-SD-003*	*S-121703-SD-108*	*S-110303-SD-002*
Sample Date:			*10/9/2003*	*10/9/2003*	*11/7/2003*	*12/17/2003*	*11/3/2003*
Sample Depth:			*4-6 ft BGS*	*6-8 ft BGS*	*0-4 ft BGS*	*2 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
m&p-Xylenes	µg/kg	-	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 D-5*	*B-7 D-5*	*B-7 (Between D-5 and E-4)*	*B-7 (D Series near B-7 D-2)*	*B-7 E-1*
Sample ID:			*S-100903-SD-112*	*S-100903-SD-113*	*S-110703-SD-003*	*S-121703-SD-108*	*S-110303-SD-002*
Sample Date:			*10/9/2003*	*10/9/2003*	*11/7/2003*	*12/17/2003*	*11/3/2003*
Sample Depth:			*4-6 ft BGS*	*6-8 ft BGS*	*0-4 ft BGS*	*2 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
3-Nitroaniline	µg/kg	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 D-5*	*B-7 D-5*	*B-7 (Between D-5 and E-4)*	*B-7 (D Series near B-7 D-2)*	*B-7 E-1*
Sample ID:			*S-100903-SD-112*	*S-100903-SD-113*	*S-110703-SD-003*	*S-121703-SD-108*	*S-110303-SD-002*
Sample Date:			*10/9/2003*	*10/9/2003*	*11/7/2003*	*12/17/2003*	*11/3/2003*
Sample Depth:			*4-6 ft BGS*	*6-8 ft BGS*	*0-4 ft BGS*	*2 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Isophorone	µg/kg	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-
Metals							
Aluminum	µg/kg	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 D-5*	*B-7 D-5*	*B-7 (Between D-5 and E-4)*	*B-7 (D Series near B-7 D-2)*	*B-7 E-1*
Sample ID:			*S-100903-SD-112*	*S-100903-SD-113*	*S-110703-SD-003*	*S-121703-SD-108*	*S-110303-SD-002*
Sample Date:			*10/9/2003*	*10/9/2003*	*11/7/2003*	*12/17/2003*	*11/3/2003*
Sample Depth:			*4-6 ft BGS*	*6-8 ft BGS*	*0-4 ft BGS*	*2 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (570)	ND (580)	-	ND (6500)	ND (640)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (1100)	ND (1200)	-	ND (650)	ND (640)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (570)	ND (580)	-	ND (6500)	ND (640)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (570)	ND (580)	-	ND (6500)	ND (640)
Aroclor-1248 (PCB-1248)	µg/kg	-	4200 J	3000 J	-	44000	2700
Aroclor-1254 (PCB-1254)	µg/kg	-	820 J	800	-	9100 J	3800
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (570)	ND (580)	-	4200 J	4200
Total PCBs	µg/kg	-	5020	3800	-	57300	10700
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	ND (240)	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 D-5*	*B-7 D-5*	*B-7 (Between D-5 and E-4)*	*B-7 (D Series near B-7 D-2)*	*B-7 E-1*
Sample ID:			*S-100903-SD-112*	*S-100903-SD-113*	*S-110703-SD-003*	*S-121703-SD-108*	*S-110303-SD-002*
Sample Date:			*10/9/2003*	*10/9/2003*	*11/7/2003*	*12/17/2003*	*11/3/2003*
Sample Depth:			*4-6 ft BGS*	*6-8 ft BGS*	*0-4 ft BGS*	*2 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	ND (602000)	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	373000	-	-
Nitrogen	µg/kg	-	-	-	ND (6020)	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	7.5	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	-	75.6	-	-
Total volatile solids	%	-	-	-	4.1	-	-

Notes:

* - Duplicate analysis not within control limits.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits (Inorganics).

B - Method blank contamintion (Organics).

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 E-2*	*B-7 E-3*	*B-7 (5 Feet North of E-3)*	*B-7 E-4*	*B-7 E-5*	*B-7 (E Series near B-7 E-1)*
Sample ID:			*S-110303-SD-004*	*S-110303-SD-006*	*S-110703-SD-004*	*S-110303-SD-008*	*S-110303-SD-010*	*S-121703-SD-107*
Sample Date:			*11/3/2003*	*11/3/2003*	*11/7/2003*	*11/3/2003*	*11/3/2003*	*12/17/2003*
Sample Depth:			*2-4 ft BGS*	*2-4 ft BGS*	*0-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
Volatiles								
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-
Ethylbenzene	ug/kg	780000	-	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 E-2*	*B-7 E-3*	*B-7 (5 Feet North of E-3)*	*B-7 E-4*	*B-7 E-5*	*B-7 (E Series near B-7 E-1)*
Sample ID:			*S-110303-SD-004*	*S-110303-SD-006*	*S-110703-SD-004*	*S-110303-SD-008*	*S-110303-SD-010*	*S-121703-SD-107*
Sample Date:			*11/3/2003*	*11/3/2003*	*11/7/2003*	*11/3/2003*	*11/3/2003*	*12/17/2003*
Sample Depth:			*2-4 ft BGS*	*2-4 ft BGS*	*0-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
m&p-Xylenes	µg/kg	-	-	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-	-
Semi-Volatiles								
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 E-2*	*B-7 E-3*	*B-7 (5 Feet North of E-3)*	*B-7 E-4*	*B-7 E-5*	*B-7 (E Series near B-7 E-1)*
Sample ID:			*S-110303-SD-004*	*S-110303-SD-006*	*S-110703-SD-004*	*S-110303-SD-008*	*S-110303-SD-010*	*S-121703-SD-107*
Sample Date:			*11/3/2003*	*11/3/2003*	*11/7/2003*	*11/3/2003*	*11/3/2003*	*12/17/2003*
Sample Depth:			*2-4 ft BGS*	*2-4 ft BGS*	*0-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
3-Nitroaniline	µg/kg	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 E-2*	*B-7 E-3*	*B-7 (5 Feet North of E-3)*	*B-7 E-4*	*B-7 E-5*	*B-7 (E Series near B-7 E-1)*
Sample ID:			*S-110303-SD-004*	*S-110303-SD-006*	*S-110703-SD-004*	*S-110303-SD-008*	*S-110303-SD-010*	*S-121703-SD-107*
Sample Date:			*11/3/2003*	*11/3/2003*	*11/7/2003*	*11/3/2003*	*11/3/2003*	*12/17/2003*
Sample Depth:			*2-4 ft BGS*	*2-4 ft BGS*	*0-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
Isophorone	µg/kg	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-	-
Metals								
Aluminum	µg/kg	-	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 E-2*	*B-7 E-3*	*B-7 (5 Feet North of E-3)*	*B-7 E-4*	*B-7 E-5*	*B-7 (E Series near B-7 E-1)*
Sample ID:			*S-110303-SD-004*	*S-110303-SD-006*	*S-110703-SD-004*	*S-110303-SD-008*	*S-110303-SD-010*	*S-121703-SD-107*
Sample Date:			*11/3/2003*	*11/3/2003*	*11/7/2003*	*11/3/2003*	*11/3/2003*	*12/17/2003*
Sample Depth:			*2-4 ft BGS*	*2-4 ft BGS*	*0-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
PCBs								
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (130000)	ND (5700)	-	ND (580)	ND (2900)	ND (3000)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (130000)	ND (5700)	-	ND (580)	ND (2900)	ND (600)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (130000)	ND (5700)	-	ND (580)	ND (2900)	ND (3000)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (130000)	ND (5700)	-	ND (580)	ND (2900)	ND (3000)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (130000)	ND (5700)	-	ND (580)	ND (2900)	17000
Aroclor-1254 (PCB-1254)	µg/kg	-	1100000	35000	-	5600	19000	8700 J
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (130000)	ND (5700)	-	ND (580)	ND (2900)	5900 J
Total PCBs	µg/kg	-	1100000	35000	-	5600	19000	31600
Pesticides								
4,4'-DDD	µg/kg	180000	-	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-	-
Petroleum Hydrocarbons								
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	ND (230)	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 E-2*	*B-7 E-3*	*B-7 (5 Feet North of E-3)*	*B-7 E-4*	*B-7 E-5*	*B-7 (E Series near B-7 E-1)*
Sample ID:			*S-110303-SD-004*	*S-110303-SD-006*	*S-110703-SD-004*	*S-110303-SD-008*	*S-110303-SD-010*	*S-121703-SD-107*
Sample Date:			*11/3/2003*	*11/3/2003*	*11/7/2003*	*11/3/2003*	*11/3/2003*	*12/17/2003*
Sample Depth:			*2-4 ft BGS*	*2-4 ft BGS*	*0-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
General Chemistry								
Chemical oxygen demand (COD)	µg/kg	-	-	-	ND (571000)	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	2150000	-	-	-
Nitrogen	µg/kg	-	-	-	ND (5710)	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	7.8	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-
Total solids	%	-	-	-	88.0	-	-	-
Total volatile solids	%	-	-	-	2.6	-	-	-

Notes:

* - Duplicate analysis not within control limits.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits (Inorganics).

B - Method blank contamintion (Organics).

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 (E Series N edge along Concrete Pad)*	*B-7 (E Series W Side)*	*B-7 F-1*	*B-7 F-1*	*B-7 F-2*
Sample ID:			*S-121703-SD-112*	*S-121703-SD-113*	*S-111203-SD-002*	*S-111203-SD-003*	*S-111203-SD-005*
Sample Date:			*12/17/2003*	*12/17/2003*	*11/12/2003*	*11/12/2003*	*11/12/2003*
Sample Depth:			*2 ft BGS*	*2 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	ug/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 (E Series N edge along Concrete Pad)*	*B-7 (E Series W Side)*	*B-7 F-1*	*B-7 F-1*	*B-7 F-2*
Sample ID:			*S-121703-SD-112*	*S-121703-SD-113*	*S-111203-SD-002*	*S-111203-SD-003*	*S-111203-SD-005*
Sample Date:			*12/17/2003*	*12/17/2003*	*11/12/2003*	*11/12/2003*	*11/12/2003*
Sample Depth:			*2 ft BGS*	*2 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
m&p-Xylenes	µg/kg	-	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 (E Series N edge along Concrete Pad)*	*B-7 (E Series W Side)*	*B-7 F-1*	*B-7 F-1*	*B-7 F-2*
Sample ID:			*S-121703-SD-112*	*S-121703-SD-113*	*S-111203-SD-002*	*S-111203-SD-003*	*S-111203-SD-005*
Sample Date:			*12/17/2003*	*12/17/2003*	*11/12/2003*	*11/12/2003*	*11/12/2003*
Sample Depth:			*2 ft BGS*	*2 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
3-Nitroaniline	µg/kg	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 (E Series N edge along Concrete Pad)*	*B-7 (E Series W Side)*	*B-7 F-1*	*B-7 F-1*	*B-7 F-2*
Sample ID:			*S-121703-SD-112*	*S-121703-SD-113*	*S-111203-SD-002*	*S-111203-SD-003*	*S-111203-SD-005*
Sample Date:			*12/17/2003*	*12/17/2003*	*11/12/2003*	*11/12/2003*	*11/12/2003*
Sample Depth:			*2 ft BGS*	*2 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Isophorone	µg/kg	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-
Metals							
Aluminum	µg/kg	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 (E Series N edge along Concrete Pad)*	*B-7 (E Series W Side)*	*B-7 F-1*	*B-7 F-1*	*B-7 F-2*
Sample ID:			*S-121703-SD-112*	*S-121703-SD-113*	*S-111203-SD-002*	*S-111203-SD-003*	*S-111203-SD-005*
Sample Date:			*12/17/2003*	*12/17/2003*	*11/12/2003*	*11/12/2003*	*11/12/2003*
Sample Depth:			*2 ft BGS*	*2 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (13000)	ND (2800)	ND (610)	ND (580)	ND (610)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (640)	ND (560)	ND (610)	ND (580)	ND (610)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (13000)	ND (2800)	ND (3000)	ND (580)	ND (610)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (13000)	ND (2800)	ND (3000)	ND (580)	ND (610)
Aroclor-1248 (PCB-1248)	µg/kg	-	120000	3100	ND (3000)	3300 J	520 J
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (13000)	35000	18000	5300	1800 J
Aroclor-1260 (PCB-1260)	µg/kg	-	3800 J	ND (2800)	ND (3000)	ND (580)	690 J
Total PCBs	µg/kg	-	123800	38100	18000	8600	3010
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 (E Series N edge along Concrete Pad)*	*B-7 (E Series W Side)*	*B-7 F-1*	*B-7 F-1*	*B-7 F-2*
Sample ID:			*S-121703-SD-112*	*S-121703-SD-113*	*S-111203-SD-002*	*S-111203-SD-003*	*S-111203-SD-005*
Sample Date:			*12/17/2003*	*12/17/2003*	*11/12/2003*	*11/12/2003*	*11/12/2003*
Sample Depth:			*2 ft BGS*	*2 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits (Inorganics).

B - Method blank contamintion (Organics).

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-2 (Center)*	*B-7 F-2 (NE Corner)*	*B-7 F-2 (NW Corner)*	*B-7 F-2 (SE Corner)*	*B-7 F-2 (SW Corner)*
Sample ID:			*S-120803-SD-003*	*S-120803-SD-002*	*S-120803-SD-001*	*S-120803-SD-005*	*S-120803-SD-004*
Sample Date:			*12/8/2003*	*12/8/2003*	*12/8/2003*	*12/8/2003*	*12/8/2003*
Sample Depth:			*4 ft BGS*	*4 ft BGS*	*4 ft BGS*	*3 ft BGS*	*2.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	ug/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-2 (Center)*	*B-7 F-2 (NE Corner)*	*B-7 F-2 (NW Corner)*	*B-7 F-2 (SE Corner)*	*B-7 F-2 (SW Corner)*
Sample ID:			*S-120803-SD-003*	*S-120803-SD-002*	*S-120803-SD-001*	*S-120803-SD-005*	*S-120803-SD-004*
Sample Date:			*12/8/2003*	*12/8/2003*	*12/8/2003*	*12/8/2003*	*12/8/2003*
Sample Depth:			*4 ft BGS*	*4 ft BGS*	*4 ft BGS*	*3 ft BGS*	*2.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
m&p-Xylenes	µg/kg	-	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-2 (Center)*	*B-7 F-2 (NE Corner)*	*B-7 F-2 (NW Corner)*	*B-7 F-2 (SE Corner)*	*B-7 F-2 (SW Corner)*
Sample ID:			*S-120803-SD-003*	*S-120803-SD-002*	*S-120803-SD-001*	*S-120803-SD-005*	*S-120803-SD-004*
Sample Date:			*12/8/2003*	*12/8/2003*	*12/8/2003*	*12/8/2003*	*12/8/2003*
Sample Depth:			*4 ft BGS*	*4 ft BGS*	*4 ft BGS*	*3 ft BGS*	*2.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
3-Nitroaniline	µg/kg	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-2 (Center)*	*B-7 F-2 (NE Corner)*	*B-7 F-2 (NW Corner)*	*B-7 F-2 (SE Corner)*	*B-7 F-2 (SW Corner)*
Sample ID:			*S-120803-SD-003*	*S-120803-SD-002*	*S-120803-SD-001*	*S-120803-SD-005*	*S-120803-SD-004*
Sample Date:			*12/8/2003*	*12/8/2003*	*12/8/2003*	*12/8/2003*	*12/8/2003*
Sample Depth:			*4 ft BGS*	*4 ft BGS*	*4 ft BGS*	*3 ft BGS*	*2.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Isophorone	µg/kg	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-
Metals							
Aluminum	µg/kg	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-2 (Center)*	*B-7 F-2 (NE Corner)*	*B-7 F-2 (NW Corner)*	*B-7 F-2 (SE Corner)*	*B-7 F-2 (SW Corner)*
Sample ID:			*S-120803-SD-003*	*S-120803-SD-002*	*S-120803-SD-001*	*S-120803-SD-005*	*S-120803-SD-004*
Sample Date:			*12/8/2003*	*12/8/2003*	*12/8/2003*	*12/8/2003*	*12/8/2003*
Sample Depth:			*4 ft BGS*	*4 ft BGS*	*4 ft BGS*	*3 ft BGS*	*2.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (570) UJ	ND (570)	ND (600)	ND (590) UJ	ND (580) UJ
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (570)	ND (570)	ND (600)	ND (590)	ND (580)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (570) UJ	ND (570)	ND (6000)	ND (590) UJ	ND (580)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (570) UJ	ND (570)	ND (600)	ND (590) UJ	ND (580) UJ
Aroclor-1248 (PCB-1248)	µg/kg	-	500 J	ND (570)	ND (6000)	440 J	ND (580) UJ
Aroclor-1254 (PCB-1254)	µg/kg	-	550 J	ND (570)	51000	660 J	8100 J
Aroclor-1260 (PCB-1260)	µg/kg	-	360 J	520 J	ND (6000)	650 J	1500 J
Total PCBs	µg/kg	-	1410	520	51000	1750	9600
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-2 (Center)*	*B-7 F-2 (NE Corner)*	*B-7 F-2 (NW Corner)*	*B-7 F-2 (SE Corner)*	*B-7 F-2 (SW Corner)*
Sample ID:			*S-120803-SD-003*	*S-120803-SD-002*	*S-120803-SD-001*	*S-120803-SD-005*	*S-120803-SD-004*
Sample Date:			*12/8/2003*	*12/8/2003*	*12/8/2003*	*12/8/2003*	*12/8/2003*
Sample Depth:			*4 ft BGS*	*4 ft BGS*	*4 ft BGS*	*3 ft BGS*	*2.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits (Inorganics).

B - Method blank contamintion (Organics).

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-3 (E Side)*	*B-7 F-3 (W Side)*	*B-7 F-4*	*B-7 F-4*	*B-7 F-5*	*B-7 F-5*
Sample ID:			*S-121703-SD-105*	*S-121703-SD-106*	*S-111203-SD-008*	*S-111203-SD-009*	*S-111203-SD-011*	*S-111203-SD-012*
Sample Date:			*12/17/2003*	*12/17/2003*	*11/12/2003*	*11/12/2003*	*11/12/2003*	*11/12/2003*
Sample Depth:			*3 ft BGS*	*2 ft BGS*	*2-4 ft BGS*	*4-5 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
Volatiles								
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-
Ethylbenzene	ug/kg	780000	-	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-3 (E Side)*	*B-7 F-3 (W Side)*	*B-7 F-4*	*B-7 F-4*	*B-7 F-5*	*B-7 F-5*
Sample ID:			*S-121703-SD-105*	*S-121703-SD-106*	*S-111203-SD-008*	*S-111203-SD-009*	*S-111203-SD-011*	*S-111203-SD-012*
Sample Date:			*12/17/2003*	*12/17/2003*	*11/12/2003*	*11/12/2003*	*11/12/2003*	*11/12/2003*
Sample Depth:			*3 ft BGS*	*2 ft BGS*	*2-4 ft BGS*	*4-5 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
m&p-Xylenes	µg/kg	-	-	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-	-
Semi-Volatiles								
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-3 (E Side)*	*B-7 F-3 (W Side)*	*B-7 F-4*	*B-7 F-4*	*B-7 F-5*	*B-7 F-5*
Sample ID:			*S-121703-SD-105*	*S-121703-SD-106*	*S-111203-SD-008*	*S-111203-SD-009*	*S-111203-SD-011*	*S-111203-SD-012*
Sample Date:			*12/17/2003*	*12/17/2003*	*11/12/2003*	*11/12/2003*	*11/12/2003*	*11/12/2003*
Sample Depth:			*3 ft BGS*	*2 ft BGS*	*2-4 ft BGS*	*4-5 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
3-Nitroaniline	µg/kg	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-3 (E Side)*	*B-7 F-3 (W Side)*	*B-7 F-4*	*B-7 F-4*	*B-7 F-5*	*B-7 F-5*
Sample ID:			*S-121703-SD-105*	*S-121703-SD-106*	*S-111203-SD-008*	*S-111203-SD-009*	*S-111203-SD-011*	*S-111203-SD-012*
Sample Date:			*12/17/2003*	*12/17/2003*	*11/12/2003*	*11/12/2003*	*11/12/2003*	*11/12/2003*
Sample Depth:			*3 ft BGS*	*2 ft BGS*	*2-4 ft BGS*	*4-5 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
Isophorone	µg/kg	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-	-
Metals								
Aluminum	µg/kg	-	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-3 (E Side)*	*B-7 F-3 (W Side)*	*B-7 F-4*	*B-7 F-4*	*B-7 F-5*	*B-7 F-5*
Sample ID:			*S-121703-SD-105*	*S-121703-SD-106*	*S-111203-SD-008*	*S-111203-SD-009*	*S-111203-SD-011*	*S-111203-SD-012*
Sample Date:			*12/17/2003*	*12/17/2003*	*11/12/2003*	*11/12/2003*	*11/12/2003*	*11/12/2003*
Sample Depth:			*3 ft BGS*	*2 ft BGS*	*2-4 ft BGS*	*4-5 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
PCBs								
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (610)	ND (680)	ND (2900)	ND (12000)	ND (570)	ND (530)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (610)	ND (680)	ND (2900)	ND (12000)	ND (570)	ND (530)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (610)	ND (680)	ND (2900)	ND (12000)	ND (570)	ND (530)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (610)	ND (680)	ND (2900)	ND (12000)	ND (570)	ND (530)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (610) UJ	ND (680)	15000	160000	ND (570)	390 J
Aroclor-1254 (PCB-1254)	µg/kg	-	3300	420 J	ND (2900)	ND (12000)	ND (570)	680 J
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (610)	380 J	1200 J	800	1500	2200 J
Total PCBs	µg/kg	-	3300	800	16200	160800	1500	3270
Pesticides								
4,4'-DDD	µg/kg	180000	-	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-	-
Petroleum Hydrocarbons								
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	ND (230)	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-3 (E Side)*	*B-7 F-3 (W Side)*	*B-7 F-4*	*B-7 F-4*	*B-7 F-5*	*B-7 F-5*
Sample ID:			*S-121703-SD-105*	*S-121703-SD-106*	*S-111203-SD-008*	*S-111203-SD-009*	*S-111203-SD-011*	*S-111203-SD-012*
Sample Date:			*12/17/2003*	*12/17/2003*	*11/12/2003*	*11/12/2003*	*11/12/2003*	*11/12/2003*
Sample Depth:			*3 ft BGS*	*2 ft BGS*	*2-4 ft BGS*	*4-5 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
General Chemistry								
Chemical oxygen demand (COD)	µg/kg	-	-	-	ND (577000)	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	1290000	-	-	-
Nitrogen	µg/kg	-	-	-	ND (5770)	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	10.8	-	-	-
pH	s.u.	-	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	7.0	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-
Total solids	%	-	-	-	89.2	-	-	-
Total volatile solids	%	-	-	-	2.5	-	-	-

Notes:

* - Duplicate analysis not within control limits.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits (Inorganics).

B - Method blank contamintion (Organics).

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-5 (NE Corner)*	*B-7 F-5 (NW Corner)*	*B-7 F-6*	*B-7 F-6 (North corner of Concrete Pad)*	*B-7 F-7*
Sample ID:			*S-121703-SD-102*	*S-011604-SD-007*	*S-111203-SD-028*	*S-011404-SD-001*	*S-111203-SD-025*
Sample Date:			*12/17/2003*	*1/16/2004*	*11/12/2003*	*1/14/2004*	*11/12/2003*
Sample Depth:			*3 ft BGS*	*2 ft BGS*	*2-4 ft BGS*	*2 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	ug/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-5 (NE Corner)*	*B-7 F-5 (NW Corner)*	*B-7 F-6*	*B-7 F-6 (North corner of Concrete Pad)*	*B-7 F-7*
Sample ID:			*S-121703-SD-102*	*S-011604-SD-007*	*S-111203-SD-028*	*S-011404-SD-001*	*S-111203-SD-025*
Sample Date:			*12/17/2003*	*1/16/2004*	*11/12/2003*	*1/14/2004*	*11/12/2003*
Sample Depth:			*3 ft BGS*	*2 ft BGS*	*2-4 ft BGS*	*2 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
m&p-Xylenes	µg/kg	-	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-5 (NE Corner)*	*B-7 F-5 (NW Corner)*	*B-7 F-6*	*B-7 F-6 (North corner of Concrete Pad)*	*B-7 F-7*
Sample ID:			*S-121703-SD-102*	*S-011604-SD-007*	*S-111203-SD-028*	*S-011404-SD-001*	*S-111203-SD-025*
Sample Date:			*12/17/2003*	*1/16/2004*	*11/12/2003*	*1/14/2004*	*11/12/2003*
Sample Depth:			*3 ft BGS*	*2 ft BGS*	*2-4 ft BGS*	*2 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
3-Nitroaniline	µg/kg	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-5 (NE Corner)*	*B-7 F-5 (NW Corner)*	*B-7 F-6*	*B-7 F-6 (North corner of Concrete Pad)*	*B-7 F-7*
Sample ID:			*S-121703-SD-102*	*S-011604-SD-007*	*S-111203-SD-028*	*S-011404-SD-001*	*S-111203-SD-025*
Sample Date:			*12/17/2003*	*1/16/2004*	*11/12/2003*	*1/14/2004*	*11/12/2003*
Sample Depth:			*3 ft BGS*	*2 ft BGS*	*2-4 ft BGS*	*2 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Isophorone	µg/kg	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-
Metals							
Aluminum	µg/kg	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-5 (NE Corner)*	*B-7 F-5 (NW Corner)*	*B-7 F-6*	*B-7 F-6 (North corner of Concrete Pad)*	*B-7 F-7*
Sample ID:			*S-121703-SD-102*	*S-011604-SD-007*	*S-111203-SD-028*	*S-011404-SD-001*	*S-111203-SD-025*
Sample Date:			*12/17/2003*	*1/16/2004*	*11/12/2003*	*1/14/2004*	*11/12/2003*
Sample Depth:			*3 ft BGS*	*2 ft BGS*	*2-4 ft BGS*	*2 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (6400)	ND (550) UJ	ND (590)	ND (6200)	ND (570)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (6400)	ND (550)	ND (590)	ND (620)	ND (570)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (640)	ND (550) UJ	ND (590)	ND (6200)	ND (570)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (6400)	ND (550) UJ	ND (590)	ND (6200)	ND (570)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (6400)	810	660 J	41000	ND (1100)
Aroclor-1254 (PCB-1254)	µg/kg	-	83000	1500 J	3900 J	4200 J	11000 J
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (6400)	690 J	930 J	1400 J	1900
Total PCBs	µg/kg	-	83000	3000	5490	46600	12900
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-5 (NE Corner)*	*B-7 F-5 (NW Corner)*	*B-7 F-6*	*B-7 F-6 (North corner of Concrete Pad)*	*B-7 F-7*
Sample ID:			*S-121703-SD-102*	*S-011604-SD-007*	*S-111203-SD-028*	*S-011404-SD-001*	*S-111203-SD-025*
Sample Date:			*12/17/2003*	*1/16/2004*	*11/12/2003*	*1/14/2004*	*11/12/2003*
Sample Depth:			*3 ft BGS*	*2 ft BGS*	*2-4 ft BGS*	*2 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits (Inorganics).

B - Method blank contamintion (Organics).

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-7*	*B-7 F-8*	*B-7 F-9*	*B-7 F-10*	*B-7 F-10*	*B-7 F-10*	*B-7 F-10*
Sample ID:			*S-111203-SD-026*	*S-111203-SD-023*	*S-111203-SD-021*	*S-111203-SD-018*	*S-111203-SD-019*	*S-012004-SW-004*	*S-012004-SW-005*
Sample Date:			*11/12/2003*	*11/12/2003*	*11/12/2003*	*11/12/2003*	*11/12/2003*	*1/20/2004*	*1/20/2004*
Sample Depth:			*4-5 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*3 ft BGS*	*3 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							*Duplicate*
Volatiles									
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-	-
Ethylbenzene	ug/kg	780000	-	-	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-7*	*B-7 F-8*	*B-7 F-9*	*B-7 F-10*	*B-7 F-10*	*B-7 F-10*	*B-7 F-10*
Sample ID:			*S-111203-SD-026*	*S-111203-SD-023*	*S-111203-SD-021*	*S-111203-SD-018*	*S-111203-SD-019*	*S-012004-SW-004*	*S-012004-SW-005*
Sample Date:			*11/12/2003*	*11/12/2003*	*11/12/2003*	*11/12/2003*	*11/12/2003*	*1/20/2004*	*1/20/2004*
Sample Depth:			*4-5 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*3 ft BGS*	*3 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							*Duplicate*
m&p-Xylenes	µg/kg	-	-	-	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-	-	-
Semi-Volatiles									
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-7*	*B-7 F-8*	*B-7 F-9*	*B-7 F-10*	*B-7 F-10*	*B-7 F-10*	*B-7 F-10*
Sample ID:			*S-111203-SD-026*	*S-111203-SD-023*	*S-111203-SD-021*	*S-111203-SD-018*	*S-111203-SD-019*	*S-012004-SW-004*	*S-012004-SW-005*
Sample Date:			*11/12/2003*	*11/12/2003*	*11/12/2003*	*11/12/2003*	*11/12/2003*	*1/20/2004*	*1/20/2004*
Sample Depth:			*4-5 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*3 ft BGS*	*3 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							*Duplicate*
3-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-7*	*B-7 F-8*	*B-7 F-9*	*B-7 F-10*	*B-7 F-10*	*B-7 F-10*	*B-7 F-10*
Sample ID:			*S-111203-SD-026*	*S-111203-SD-023*	*S-111203-SD-021*	*S-111203-SD-018*	*S-111203-SD-019*	*S-012004-SW-004*	*S-012004-SW-005*
Sample Date:			*11/12/2003*	*11/12/2003*	*11/12/2003*	*11/12/2003*	*11/12/2003*	*1/20/2004*	*1/20/2004*
Sample Depth:			*4-5 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*3 ft BGS*	*3 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							*Duplicate*
Isophorone	µg/kg	-	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-	-	-
Metals									
Aluminum	µg/kg	-	-	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-7*	*B-7 F-8*	*B-7 F-9*	*B-7 F-10*	*B-7 F-10*	*B-7 F-10*	*B-7 F-10*
Sample ID:			*S-111203-SD-026*	*S-111203-SD-023*	*S-111203-SD-021*	*S-111203-SD-018*	*S-111203-SD-019*	*S-012004-SW-004*	*S-012004-SW-005*
Sample Date:			*11/12/2003*	*11/12/2003*	*11/12/2003*	*11/12/2003*	*11/12/2003*	*1/20/2004*	*1/20/2004*
Sample Depth:			*4-5 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*3 ft BGS*	*3 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							*Duplicate*
PCBs									
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (550)	ND (550)	ND (56000)	ND (610)	ND (610)	ND (640)	ND (620)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (550)	ND (550)	ND (56000)	ND (610)	ND (610)	ND (640)	ND (620)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (550)	ND (550)	ND (56000)	ND (610)	ND (610)	ND (640)	ND (620) UJ
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (550)	ND (550)	ND (56000)	ND (610)	ND (610)	ND (640)	ND (620)
Aroclor-1248 (PCB-1248)	µg/kg	-	390 J	ND (550)	420000	ND (610)	ND (610)	ND (640)	590 J
Aroclor-1254 (PCB-1254)	µg/kg	-	700 J	710 J	ND (56000)	ND (610)	ND (610)	630 J	780 J
Aroclor-1260 (PCB-1260)	µg/kg	-	730 J	660 J	ND (56000)	1800	840	2900 J	3200 J
Total PCBs	µg/kg	-	1820	1370	420000	1800	840	3530	4570
Pesticides									
4,4'-DDD	µg/kg	180000	-	-	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-	-	-
Petroleum Hydrocarbons									
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-7*	*B-7 F-8*	*B-7 F-9*	*B-7 F-10*	*B-7 F-10*	*B-7 F-10*	*B-7 F-10*
Sample ID:			*S-111203-SD-026*	*S-111203-SD-023*	*S-111203-SD-021*	*S-111203-SD-018*	*S-111203-SD-019*	*S-012004-SW-004*	*S-012004-SW-005*
Sample Date:			*11/12/2003*	*11/12/2003*	*11/12/2003*	*11/12/2003*	*11/12/2003*	*1/20/2004*	*1/20/2004*
Sample Depth:			*4-5 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*3 ft BGS*	*3 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							*Duplicate*
General Chemistry									
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits (Inorganics).

B - Method blank contamintion (Organics).

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-10 (Test Pit)*	*B-7 F-11*	*B-7 F-11*	*B-7 F-11 (Center)*	*B-7 F-11 (NE Corner)*
Sample ID:			*S-012004-SW-002*	*S-111203-SD-030*	*S-111203-SD-031*	*S-010804-SD-010*	*S-010804-SD-009*
Sample Date:			*1/20/2004*	*11/12/2003*	*11/12/2003*	*1/8/2004*	*1/8/2004*
Sample Depth:			*3 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6 ft BGS*	*6 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	ug/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-10 (Test Pit)*	*B-7 F-11*	*B-7 F-11*	*B-7 F-11 (Center)*	*B-7 F-11 (NE Corner)*
Sample ID:			*S-012004-SW-002*	*S-111203-SD-030*	*S-111203-SD-031*	*S-010804-SD-010*	*S-010804-SD-009*
Sample Date:			*1/20/2004*	*11/12/2003*	*11/12/2003*	*1/8/2004*	*1/8/2004*
Sample Depth:			*3 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6 ft BGS*	*6 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
m&p-Xylenes	µg/kg	-	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-10 (Test Pit)*	*B-7 F-11*	*B-7 F-11*	*B-7 F-11 (Center)*	*B-7 F-11 (NE Corner)*
Sample ID:			*S-012004-SW-002*	*S-111203-SD-030*	*S-111203-SD-031*	*S-010804-SD-010*	*S-010804-SD-009*
Sample Date:			*1/20/2004*	*11/12/2003*	*11/12/2003*	*1/8/2004*	*1/8/2004*
Sample Depth:			*3 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6 ft BGS*	*6 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
3-Nitroaniline	µg/kg	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-10 (Test Pit)*	*B-7 F-11*	*B-7 F-11*	*B-7 F-11 (Center)*	*B-7 F-11 (NE Corner)*
Sample ID:			*S-012004-SW-002*	*S-111203-SD-030*	*S-111203-SD-031*	*S-010804-SD-010*	*S-010804-SD-009*
Sample Date:			*1/20/2004*	*11/12/2003*	*11/12/2003*	*1/8/2004*	*1/8/2004*
Sample Depth:			*3 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6 ft BGS*	*6 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Isophorone	µg/kg	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-
Metals							
Aluminum	µg/kg	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-10 (Test Pit)*	*B-7 F-11*	*B-7 F-11*	*B-7 F-11 (Center)*	*B-7 F-11 (NE Corner)*
Sample ID:			*S-012004-SW-002*	*S-111203-SD-030*	*S-111203-SD-031*	*S-010804-SD-010*	*S-010804-SD-009*
Sample Date:			*1/20/2004*	*11/12/2003*	*11/12/2003*	*1/8/2004*	*1/8/2004*
Sample Depth:			*3 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6 ft BGS*	*6 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (560)	ND (670)	ND (13000)	ND (20000)	ND (2900)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (560)	ND (670)	ND (13000)	ND (800)	ND (570)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (560)	ND (670)	ND (13000)	ND (20000)	ND (2900)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (560)	ND (670)	ND (13000)	ND (20000)	ND (2900)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (560)	5600	120000	320000	33000
Aroclor-1254 (PCB-1254)	µg/kg	-	320 J	1400	21000 J	ND (20000)	ND (2900)
Aroclor-1260 (PCB-1260)	µg/kg	-	1400 J	ND (670)	2400 J	20000	1200
Total PCBs	µg/kg	-	1720	7000	143400	340000	34200
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-10 (Test Pit)*	*B-7 F-11*	*B-7 F-11*	*B-7 F-11 (Center)*	*B-7 F-11 (NE Corner)*
Sample ID:			*S-012004-SW-002*	*S-111203-SD-030*	*S-111203-SD-031*	*S-010804-SD-010*	*S-010804-SD-009*
Sample Date:			*1/20/2004*	*11/12/2003*	*11/12/2003*	*1/8/2004*	*1/8/2004*
Sample Depth:			*3 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6 ft BGS*	*6 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits (Inorganics).

B - Method blank contamintion (Organics).

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-11 (NW Corner)*	*B-7 F-11 (SE Corner)*	*B-7 F-11 (South Side of Concrete Pad)*
Sample ID:			*S-010804-SD-008*	*S-010804-SD-012*	*S-011404-SD-002*
Sample Date:			*1/8/2004*	*1/8/2004*	*1/14/2004*
Sample Depth:			*6 ft BGS*	*6 ft BGS*	*2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*			
Volatiles					
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-
2-Hexanone	µg/kg	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-
Acetone	µg/kg	1000000	-	-	-
Benzene	µg/kg	89000	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-
Bromoform	µg/kg	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-
Chloroethane	µg/kg	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-
Ethylbenzene	ug/kg	780000	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-11 (NW Corner)*	*B-7 F-11 (SE Corner)*	*B-7 F-11 (South Side of Concrete Pad)*
Sample ID:			*S-010804-SD-008*	*S-010804-SD-012*	*S-011404-SD-002*
Sample Date:			*1/8/2004*	*1/8/2004*	*1/14/2004*
Sample Depth:			*6 ft BGS*	*6 ft BGS*	*2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*			
m&p-Xylenes	µg/kg	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-
Naphthalene	µg/kg	1000000	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-
o-Xylene	µg/kg	-	-	-	-
Styrene	µg/kg	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-
Toluene	µg/kg	1000000	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-
Semi-Volatiles					
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-11 (NW Corner)*	*B-7 F-11 (SE Corner)*	*B-7 F-11 (South Side of Concrete Pad)*
Sample ID:			*S-010804-SD-008*	*S-010804-SD-012*	*S-011404-SD-002*
Sample Date:			*1/8/2004*	*1/8/2004*	*1/14/2004*
Sample Depth:			*6 ft BGS*	*6 ft BGS*	*2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*			
3-Nitroaniline	µg/kg	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-
Acetophenone	µg/kg	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-
Atrazine	µg/kg	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-
Caprolactam	µg/kg	-	-	-	-
Carbazole	µg/kg	-	-	-	-
Chrysene	µg/kg	110000	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-
Fluorene	µg/kg	1000000	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-11 (NW Corner)*	*B-7 F-11 (SE Corner)*	*B-7 F-11 (South Side of Concrete Pad)*
Sample ID:			*S-010804-SD-008*	*S-010804-SD-012*	*S-011404-SD-002*
Sample Date:			*1/8/2004*	*1/8/2004*	*1/14/2004*
Sample Depth:			*6 ft BGS*	*6 ft BGS*	*2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*			
Isophorone	µg/kg	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-
Phenol	µg/kg	1000000	-	-	-
Pyrene	µg/kg	1000000	-	-	-
Metals					
Aluminum	µg/kg	-	-	-	-
Antimony	µg/kg	-	-	-	-
Arsenic	µg/kg	16000	-	-	-
Barium	µg/kg	10000000	-	-	-
Beryllium	µg/kg	2700000	-	-	-
Cadmium	µg/kg	60000	-	-	-
Calcium	µg/kg	-	-	-	-
Chromium	µg/kg	-	-	-	-
Cobalt	µg/kg	-	-	-	-
Copper	µg/kg	10000000	-	-	-
Iron	µg/kg	-	-	-	-
Lead	µg/kg	3900000	-	-	-
Magnesium	µg/kg	-	-	-	-
Manganese	µg/kg	10000000	-	-	-
Mercury	µg/kg	5700	-	-	-
Nickel	µg/kg	10000000	-	-	-
Potassium	µg/kg	-	-	-	-
Selenium	µg/kg	6800000	-	-	-
Silver	µg/kg	6800000	-	-	-
Sodium	µg/kg	-	-	-	-
Thallium	µg/kg	-	-	-	-
Vanadium	µg/kg	-	-	-	-
Zinc	µg/kg	10000000	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-11 (NW Corner)*	*B-7 F-11 (SE Corner)*	*B-7 F-11 (South Side of Concrete Pad)*
Sample ID:			*S-010804-SD-008*	*S-010804-SD-012*	*S-011404-SD-002*
Sample Date:			*1/8/2004*	*1/8/2004*	*1/14/2004*
Sample Depth:			*6 ft BGS*	*6 ft BGS*	*2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*			
PCBs					
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (2700)	ND (1600)	ND (5400)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (530)	ND (800)	ND (540)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (2700)	ND (1600)	ND (5400)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (2700)	ND (1600)	ND (5400)
Aroclor-1248 (PCB-1248)	µg/kg	-	3100	13000	72000
Aroclor-1254 (PCB-1254)	µg/kg	-	16000 J	15000 J	7600 J
Aroclor-1260 (PCB-1260)	µg/kg	-	2400 J	12000 J	3300 J
Total PCBs	µg/kg	-	21500	40000	82900
Pesticides					
4,4'-DDD	µg/kg	180000	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-
Aldrin	µg/kg	1400	-	-	-
alpha-BHC	µg/kg	6800	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-
beta-BHC	µg/kg	14000	-	-	-
delta-BHC	µg/kg	1000000	-	-	-
Dieldrin	µg/kg	2800	-	-	-
Endosulfan I	µg/kg	920000	-	-	-
Endosulfan II	µg/kg	920000	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-
Endrin	µg/kg	410000	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-
Toxaphene	µg/kg	-	-	-	-
Petroleum Hydrocarbons					
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-11 (NW Corner)*	*B-7 F-11 (SE Corner)*	*B-7 F-11 (South Side of Concrete Pad)*
Sample ID:			*S-010804-SD-008*	*S-010804-SD-012*	*S-011404-SD-002*
Sample Date:			*1/8/2004*	*1/8/2004*	*1/14/2004*
Sample Depth:			*6 ft BGS*	*6 ft BGS*	*2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*			
General Chemistry					
Chemical oxygen demand (COD)	µg/kg	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-
Nitrogen	µg/kg	-	-	-	-
Oil and grease	µg/kg	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-
Percent moisture	%	-	-	-	-
pH	s.u.	-	-	-	-
pH (water)	s.u.	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-
Total solids	%	-	-	-	-
Total volatile solids	%	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits (Inorganics).

B - Method blank contamintion (Organics).

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-11 (South Wall of Concrete Pad)*	*B-7 F-11 (SW Corner)*	*B-7 F-12*	*B-7 F-12*	*B-7 F-12 (Center)*
Sample ID:			*S-012104-SD-002*	*S-010804-SD-011*	*S-111203-SD-033*	*S-111203-SD-034*	*S-010804-SD-003*
Sample Date:			*1/21/2004*	*1/8/2004*	*11/12/2003*	*11/12/2003*	*1/8/2004*
Sample Depth:			*2 ft BGS*	*6 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	ug/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-11 (South Wall of Concrete Pad)*	*B-7 F-11 (SW Corner)*	*B-7 F-12*	*B-7 F-12*	*B-7 F-12 (Center)*
Sample ID:			*S-012104-SD-002*	*S-010804-SD-011*	*S-111203-SD-033*	*S-111203-SD-034*	*S-010804-SD-003*
Sample Date:			*1/21/2004*	*1/8/2004*	*11/12/2003*	*11/12/2003*	*1/8/2004*
Sample Depth:			*2 ft BGS*	*6 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
m&p-Xylenes	µg/kg	-	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-11 (South Wall of Concrete Pad)*	*B-7 F-11 (SW Corner)*	*B-7 F-12*	*B-7 F-12*	*B-7 F-12 (Center)*
Sample ID:			*S-012104-SD-002*	*S-010804-SD-011*	*S-111203-SD-033*	*S-111203-SD-034*	*S-010804-SD-003*
Sample Date:			*1/21/2004*	*1/8/2004*	*11/12/2003*	*11/12/2003*	*1/8/2004*
Sample Depth:			*2 ft BGS*	*6 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
3-Nitroaniline	µg/kg	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-11 (South Wall of Concrete Pad)*	*B-7 F-11 (SW Corner)*	*B-7 F-12*	*B-7 F-12*	*B-7 F-12 (Center)*
Sample ID:			*S-012104-SD-002*	*S-010804-SD-011*	*S-111203-SD-033*	*S-111203-SD-034*	*S-010804-SD-003*
Sample Date:			*1/21/2004*	*1/8/2004*	*11/12/2003*	*11/12/2003*	*1/8/2004*
Sample Depth:			*2 ft BGS*	*6 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Isophorone	µg/kg	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-
Metals							
Aluminum	µg/kg	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-11 (South Wall of Concrete Pad)*	*B-7 F-11 (SW Corner)*	*B-7 F-12*	*B-7 F-12*	*B-7 F-12 (Center)*
Sample ID:			*S-012104-SD-002*	*S-010804-SD-011*	*S-111203-SD-033*	*S-111203-SD-034*	*S-010804-SD-003*
Sample Date:			*1/21/2004*	*1/8/2004*	*11/12/2003*	*11/12/2003*	*1/8/2004*
Sample Depth:			*2 ft BGS*	*6 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (570) UJ	ND (12000)	ND (570)	ND (1800000)	ND (3500)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (570)	ND (590)	ND (570)	ND (1800000)	ND (690)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (570) UJ	ND (12000)	ND (570)	ND (1800000)	ND (3500)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (570) UJ	ND (12000)	ND (570)	ND (1800000)	ND (3500)
Aroclor-1248 (PCB-1248)	µg/kg	-	410 J	180000	1100	4200000 J	37000
Aroclor-1254 (PCB-1254)	µg/kg	-	6700 J	ND (12000)	6400	ND (1800000)	20000 J
Aroclor-1260 (PCB-1260)	µg/kg	-	1200 J	4500	ND (570) UJ	96000 J	3300 J
Total PCBs	µg/kg	-	8310	184500	7500	4296000	60300
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	ND (230)	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-11 (South Wall of Concrete Pad)*	*B-7 F-11 (SW Corner)*	*B-7 F-12*	*B-7 F-12*	*B-7 F-12 (Center)*
Sample ID:			*S-012104-SD-002*	*S-010804-SD-011*	*S-111203-SD-033*	*S-111203-SD-034*	*S-010804-SD-003*
Sample Date:			*1/21/2004*	*1/8/2004*	*11/12/2003*	*11/12/2003*	*1/8/2004*
Sample Depth:			*2 ft BGS*	*6 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	1660000	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	218000	-	-
Nitrogen	µg/kg	-	-	-	ND (5730)	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-
Percent moisture	%	-	-	-	9.9	-	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	7.5	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	-	90.1	-	-
Total volatile solids	%	-	-	-	6.5	-	-

Notes:

* - Duplicate analysis not within control limits.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits (Inorganics).

B - Method blank contamintion (Organics).

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-12 (Center)*	*B-7 F-12 (NE Corner)*	*B-7 F-12 (NW Corner)*	*B-7 F-12 (SE Corner)*	*B-7 F-12 (SW Corner)*
Sample ID:			*S-010804-SD-005*	*S-010804-SD-004*	*S-010804-SD-002*	*S-010804-SD-007*	*S-010804-SD-006*
Sample Date:			*1/8/2004*	*1/8/2004*	*1/8/2004*	*1/8/2004*	*1/8/2004*
Sample Depth:			*6 ft BGS*	*6 ft BGS*	*6 ft BGS*	*6 ft BGS*	*6 ft BGS*
		RUSCO	*Duplicate*				
Parameter	*Units*	*Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	ug/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-12 (Center)*	*B-7 F-12 (NE Corner)*	*B-7 F-12 (NW Corner)*	*B-7 F-12 (SE Corner)*	*B-7 F-12 (SW Corner)*
Sample ID:			*S-010804-SD-005*	*S-010804-SD-004*	*S-010804-SD-002*	*S-010804-SD-007*	*S-010804-SD-006*
Sample Date:			*1/8/2004*	*1/8/2004*	*1/8/2004*	*1/8/2004*	*1/8/2004*
Sample Depth:			*6 ft BGS*	*6 ft BGS*	*6 ft BGS*	*6 ft BGS*	*6 ft BGS*
		RUSCO	*Duplicate*				
Parameter	*Units*	*Criteria*					
m&p-Xylenes	µg/kg	-	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-12 (Center)*	*B-7 F-12 (NE Corner)*	*B-7 F-12 (NW Corner)*	*B-7 F-12 (SE Corner)*	*B-7 F-12 (SW Corner)*
Sample ID:			*S-010804-SD-005*	*S-010804-SD-004*	*S-010804-SD-002*	*S-010804-SD-007*	*S-010804-SD-006*
Sample Date:			*1/8/2004*	*1/8/2004*	*1/8/2004*	*1/8/2004*	*1/8/2004*
Sample Depth:			*6 ft BGS*	*6 ft BGS*	*6 ft BGS*	*6 ft BGS*	*6 ft BGS*
		RUSCO	*Duplicate*				
Parameter	*Units*	*Criteria*					
3-Nitroaniline	µg/kg	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-12 (Center)*	*B-7 F-12 (NE Corner)*	*B-7 F-12 (NW Corner)*	*B-7 F-12 (SE Corner)*	*B-7 F-12 (SW Corner)*
Sample ID:			*S-010804-SD-005*	*S-010804-SD-004*	*S-010804-SD-002*	*S-010804-SD-007*	*S-010804-SD-006*
Sample Date:			*1/8/2004*	*1/8/2004*	*1/8/2004*	*1/8/2004*	*1/8/2004*
Sample Depth:			*6 ft BGS*	*6 ft BGS*	*6 ft BGS*	*6 ft BGS*	*6 ft BGS*
		RUSCO	*Duplicate*				
Parameter	*Units*	*Criteria*					
Isophorone	µg/kg	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-
Metals							
Aluminum	µg/kg	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-12 (Center)*	*B-7 F-12 (NE Corner)*	*B-7 F-12 (NW Corner)*	*B-7 F-12 (SE Corner)*	*B-7 F-12 (SW Corner)*
Sample ID:			*S-010804-SD-005*	*S-010804-SD-004*	*S-010804-SD-002*	*S-010804-SD-007*	*S-010804-SD-006*
Sample Date:			*1/8/2004*	*1/8/2004*	*1/8/2004*	*1/8/2004*	*1/8/2004*
Sample Depth:			*6 ft BGS*	*6 ft BGS*	*6 ft BGS*	*6 ft BGS*	*6 ft BGS*
		RUSCO	*Duplicate*				
Parameter	*Units*	*Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (6700)	ND (620) UJ	ND (3400)	ND (660) UJ	ND (18000)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (670)	ND (620)	ND (680)	ND (660)	ND (910)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (6700)	ND (620) UJ	ND (3400)	ND (660) UJ	ND (18000)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (6700)	ND (620) UJ	ND (3400)	ND (660) UJ	ND (18000)
Aroclor-1248 (PCB-1248)	µg/kg	-	67000	2000	34000	2800	170000
Aroclor-1254 (PCB-1254)	µg/kg	-	17000 J	1200 J	9000 J	2700 J	32000 J
Aroclor-1260 (PCB-1260)	µg/kg	-	3700 J	1200 J	1700 J	1100 J	8800 J
Total PCBs	µg/kg	-	87700	4400	44700	6600	210800
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-12 (Center)*	*B-7 F-12 (NE Corner)*	*B-7 F-12 (NW Corner)*	*B-7 F-12 (SE Corner)*	*B-7 F-12 (SW Corner)*
Sample ID:			*S-010804-SD-005*	*S-010804-SD-004*	*S-010804-SD-002*	*S-010804-SD-007*	*S-010804-SD-006*
Sample Date:			*1/8/2004*	*1/8/2004*	*1/8/2004*	*1/8/2004*	*1/8/2004*
Sample Depth:			*6 ft BGS*	*6 ft BGS*	*6 ft BGS*	*6 ft BGS*	*6 ft BGS*
		RUSCO	*Duplicate*				
Parameter	*Units*	*Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits (Inorganics).

B - Method blank contamintion (Organics).

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-13*	*B-7 F-13*	*B-7 F-13 (Center)*	*B-7 F-13 (NE Corner)*	*B-7 F-13 (NE Corner)*
Sample ID:			*S-111203-SD-036*	*S-111203-SD-037*	*S-122303-SD-004*	*S-122303-SD-002*	*S-122303-SD-003*
Sample Date:			*11/12/2003*	*11/12/2003*	*12/23/2003*	*12/23/2003*	*12/23/2003*
Sample Depth:			*2-4 ft BGS*	*4-6 ft BGS*	*4 ft BGS*	*4 ft BGS*	*4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					*Duplicate*
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	ug/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-13*	*B-7 F-13*	*B-7 F-13 (Center)*	*B-7 F-13 (NE Corner)*	*B-7 F-13 (NE Corner)*
Sample ID:			*S-111203-SD-036*	*S-111203-SD-037*	*S-122303-SD-004*	*S-122303-SD-002*	*S-122303-SD-003*
Sample Date:			*11/12/2003*	*11/12/2003*	*12/23/2003*	*12/23/2003*	*12/23/2003*
Sample Depth:			*2-4 ft BGS*	*4-6 ft BGS*	*4 ft BGS*	*4 ft BGS*	*4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					*Duplicate*
m&p-Xylenes	µg/kg	-	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-13*	*B-7 F-13*	*B-7 F-13 (Center)*	*B-7 F-13 (NE Corner)*	*B-7 F-13 (NE Corner)*
Sample ID:			*S-111203-SD-036*	*S-111203-SD-037*	*S-122303-SD-004*	*S-122303-SD-002*	*S-122303-SD-003*
Sample Date:			*11/12/2003*	*11/12/2003*	*12/23/2003*	*12/23/2003*	*12/23/2003*
Sample Depth:			*2-4 ft BGS*	*4-6 ft BGS*	*4 ft BGS*	*4 ft BGS*	*4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					*Duplicate*
3-Nitroaniline	µg/kg	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-13*	*B-7 F-13*	*B-7 F-13 (Center)*	*B-7 F-13 (NE Corner)*	*B-7 F-13 (NE Corner)*
Sample ID:			*S-111203-SD-036*	*S-111203-SD-037*	*S-122303-SD-004*	*S-122303-SD-002*	*S-122303-SD-003*
Sample Date:			*11/12/2003*	*11/12/2003*	*12/23/2003*	*12/23/2003*	*12/23/2003*
Sample Depth:			*2-4 ft BGS*	*4-6 ft BGS*	*4 ft BGS*	*4 ft BGS*	*4 ft BGS*
		RUSCO					*Duplicate*
Parameter	*Units*	*Criteria*					
Isophorone	µg/kg	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-
Metals							
Aluminum	µg/kg	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-13*	*B-7 F-13*	*B-7 F-13 (Center)*	*B-7 F-13 (NE Corner)*	*B-7 F-13 (NE Corner)*
Sample ID:			*S-111203-SD-036*	*S-111203-SD-037*	*S-122303-SD-004*	*S-122303-SD-002*	*S-122303-SD-003*
Sample Date:			*11/12/2003*	*11/12/2003*	*12/23/2003*	*12/23/2003*	*12/23/2003*
Sample Depth:			*2-4 ft BGS*	*4-6 ft BGS*	*4 ft BGS*	*4 ft BGS*	*4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					*Duplicate*
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (630)	ND (620)	ND (560) UJ	ND (580) UJ	ND (630) UJ
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (630)	ND (620)	ND (560)	ND (580)	ND (630)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (630)	ND (620)	ND (560) UJ	ND (580) UJ	ND (630) UJ
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (630)	ND (620)	ND (560) UJ	ND (580) UJ	ND (630) UJ
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (630)	2800	3800	5200	5100
Aroclor-1254 (PCB-1254)	µg/kg	-	12000 J	3200 J	3400 J	3300 J	2700 J
Aroclor-1260 (PCB-1260)	µg/kg	-	950 J	910 J	1300 J	1000 J	790 J
Total PCBs	µg/kg	-	12950	6910	8500	9500	8590
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-13*	*B-7 F-13*	*B-7 F-13 (Center)*	*B-7 F-13 (NE Corner)*	*B-7 F-13 (NE Corner)*
Sample ID:			*S-111203-SD-036*	*S-111203-SD-037*	*S-122303-SD-004*	*S-122303-SD-002*	*S-122303-SD-003*
Sample Date:			*11/12/2003*	*11/12/2003*	*12/23/2003*	*12/23/2003*	*12/23/2003*
Sample Depth:			*2-4 ft BGS*	*4-6 ft BGS*	*4 ft BGS*	*4 ft BGS*	*4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					*Duplicate*
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits (Inorganics).

B - Method blank contamintion (Organics).

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-13 (NW Corner)*	*B-7 F-13 (SE Corner)*	*B-7 F-13 (SW Corner)*	*B-7 F-14*	*B-7 F-14*
Sample ID:			*S-122303-SD-001*	*S-122303-SD-006*	*S-122303-SD-005*	*S-111203-SD-039*	*S-111203-SD-040*
Sample Date:			*12/23/2003*	*12/23/2003*	*12/23/2003*	*11/12/2003*	*11/12/2003*
Sample Depth:			*4 ft BGS*	*4 ft BGS*	*4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*
		RUSCO					*Duplicate*
Parameter	*Units*	*Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	ug/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-13 (NW Corner)*	*B-7 F-13 (SE Corner)*	*B-7 F-13 (SW Corner)*	*B-7 F-14*	*B-7 F-14*
Sample ID:			*S-122303-SD-001*	*S-122303-SD-006*	*S-122303-SD-005*	*S-111203-SD-039*	*S-111203-SD-040*
Sample Date:			*12/23/2003*	*12/23/2003*	*12/23/2003*	*11/12/2003*	*11/12/2003*
Sample Depth:			*4 ft BGS*	*4 ft BGS*	*4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*
		RUSCO					*Duplicate*
Parameter	*Units*	*Criteria*					
m&p-Xylenes	µg/kg	-	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-13 (NW Corner)*	*B-7 F-13 (SE Corner)*	*B-7 F-13 (SW Corner)*	*B-7 F-14*	*B-7 F-14*
Sample ID:			*S-122303-SD-001*	*S-122303-SD-006*	*S-122303-SD-005*	*S-111203-SD-039*	*S-111203-SD-040*
Sample Date:			*12/23/2003*	*12/23/2003*	*12/23/2003*	*11/12/2003*	*11/12/2003*
Sample Depth:			*4 ft BGS*	*4 ft BGS*	*4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					*Duplicate*
3-Nitroaniline	µg/kg	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-13 (NW Corner)*	*B-7 F-13 (SE Corner)*	*B-7 F-13 (SW Corner)*	*B-7 F-14*	*B-7 F-14*
Sample ID:			*S-122303-SD-001*	*S-122303-SD-006*	*S-122303-SD-005*	*S-111203-SD-039*	*S-111203-SD-040*
Sample Date:			*12/23/2003*	*12/23/2003*	*12/23/2003*	*11/12/2003*	*11/12/2003*
Sample Depth:			*4 ft BGS*	*4 ft BGS*	*4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*
		RUSCO					*Duplicate*
Parameter	*Units*	*Criteria*					
Isophorone	µg/kg	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-
Metals							
Aluminum	µg/kg	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-13 (NW Corner)*	*B-7 F-13 (SE Corner)*	*B-7 F-13 (SW Corner)*	*B-7 F-14*	*B-7 F-14*
Sample ID:			*S-122303-SD-001*	*S-122303-SD-006*	*S-122303-SD-005*	*S-111203-SD-039*	*S-111203-SD-040*
Sample Date:			*12/23/2003*	*12/23/2003*	*12/23/2003*	*11/12/2003*	*11/12/2003*
Sample Depth:			*4 ft BGS*	*4 ft BGS*	*4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					*Duplicate*
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (580) UJ	ND (3100)	ND (1500)	ND (580)	ND (580)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (580)	ND (630)	ND (750)	ND (580)	ND (580)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (580) UJ	ND (3100)	ND (1500)	ND (580)	ND (580)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (580) UJ	ND (3100)	ND (1500)	ND (580)	ND (580)
Aroclor-1248 (PCB-1248)	µg/kg	-	400 J	26000	14000	620	840
Aroclor-1254 (PCB-1254)	µg/kg	-	850 J	13000 J	7300 J	1100 J	1300 J
Aroclor-1260 (PCB-1260)	µg/kg	-	520 J	3800 J	1500 J	430 J	570 J
Total PCBs	µg/kg	-	1770	42800	22800	2150	2710
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-13 (NW Corner)*	*B-7 F-13 (SE Corner)*	*B-7 F-13 (SW Corner)*	*B-7 F-14*	*B-7 F-14*
Sample ID:			*S-122303-SD-001*	*S-122303-SD-006*	*S-122303-SD-005*	*S-111203-SD-039*	*S-111203-SD-040*
Sample Date:			*12/23/2003*	*12/23/2003*	*12/23/2003*	*11/12/2003*	*11/12/2003*
Sample Depth:			*4 ft BGS*	*4 ft BGS*	*4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*
		RUSCO					*Duplicate*
Parameter	*Units*	*Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits (Inorganics).

B - Method blank contamintion (Organics).

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-14*	*B-7 F-15*	*B-7 F-15*	*B-7 F-15 (Center)*	*B-7 F-15 (NE Corner)*	*B-7 F-15 (NW Corner)*
Sample ID:			*S-111203-SD-041*	*S-111203-SD-043*	*S-111203-SD-044*	*S-122303-SD-009*	*S-122303-SD-008*	*S-122303-SD-007*
Sample Date:			*11/12/2003*	*11/12/2003*	*11/12/2003*	*12/23/2003*	*12/23/2003*	*12/23/2003*
Sample Depth:			*4-6 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*4 ft BGS*	*4 ft BGS*	*4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
Volatiles								
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-
Ethylbenzene	ug/kg	780000	-	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-14*	*B-7 F-15*	*B-7 F-15*	*B-7 F-15 (Center)*	*B-7 F-15 (NE Corner)*	*B-7 F-15 (NW Corner)*
Sample ID:			*S-111203-SD-041*	*S-111203-SD-043*	*S-111203-SD-044*	*S-122303-SD-009*	*S-122303-SD-008*	*S-122303-SD-007*
Sample Date:			*11/12/2003*	*11/12/2003*	*11/12/2003*	*12/23/2003*	*12/23/2003*	*12/23/2003*
Sample Depth:			*4-6 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*4 ft BGS*	*4 ft BGS*	*4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
m&p-Xylenes	µg/kg	-	-	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-	-
Semi-Volatiles								
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-14*	*B-7 F-15*	*B-7 F-15*	*B-7 F-15 (Center)*	*B-7 F-15 (NE Corner)*	*B-7 F-15 (NW Corner)*
Sample ID:			*S-111203-SD-041*	*S-111203-SD-043*	*S-111203-SD-044*	*S-122303-SD-009*	*S-122303-SD-008*	*S-122303-SD-007*
Sample Date:			*11/12/2003*	*11/12/2003*	*11/12/2003*	*12/23/2003*	*12/23/2003*	*12/23/2003*
Sample Depth:			*4-6 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*4 ft BGS*	*4 ft BGS*	*4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
3-Nitroaniline	µg/kg	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-14*	*B-7 F-15*	*B-7 F-15*	*B-7 F-15 (Center)*	*B-7 F-15 (NE Corner)*	*B-7 F-15 (NW Corner)*
Sample ID:			*S-111203-SD-041*	*S-111203-SD-043*	*S-111203-SD-044*	*S-122303-SD-009*	*S-122303-SD-008*	*S-122303-SD-007*
Sample Date:			*11/12/2003*	*11/12/2003*	*11/12/2003*	*12/23/2003*	*12/23/2003*	*12/23/2003*
Sample Depth:			*4-6 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*4 ft BGS*	*4 ft BGS*	*4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
Isophorone	µg/kg	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-	-
Metals								
Aluminum	µg/kg	-	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-14*	*B-7 F-15*	*B-7 F-15*	*B-7 F-15 (Center)*	*B-7 F-15 (NE Corner)*	*B-7 F-15 (NW Corner)*
Sample ID:			*S-111203-SD-041*	*S-111203-SD-043*	*S-111203-SD-044*	*S-122303-SD-009*	*S-122303-SD-008*	*S-122303-SD-007*
Sample Date:			*11/12/2003*	*11/12/2003*	*11/12/2003*	*12/23/2003*	*12/23/2003*	*12/23/2003*
Sample Depth:			*4-6 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*4 ft BGS*	*4 ft BGS*	*4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
PCBs								
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (3100)	ND (3200)	ND (590)	ND (3100)	ND (640) UJ	ND (550) UJ
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (3100)	ND (630)	ND (590)	ND (620)	ND (640)	ND (550)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (3100)	ND (3200)	ND (590)	ND (3100)	ND (640) UJ	ND (550) UJ
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (3100)	ND (3200)	ND (590)	ND (3100)	ND (640) UJ	ND (550) UJ
Aroclor-1248 (PCB-1248)	µg/kg	-	31000	13000 J	2300	15000 J	2500	1700
Aroclor-1254 (PCB-1254)	µg/kg	-	23000 J	8700 J	1400	6800 J	2600 J	700 J
Aroclor-1260 (PCB-1260)	µg/kg	-	5500 J	8300 J	ND (590)	14000 J	610 J	1200 J
Total PCBs	µg/kg	-	59500	30000	3700	35800	5710	3600
Pesticides								
4,4'-DDD	µg/kg	180000	-	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-	-
Petroleum Hydrocarbons								
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-14*	*B-7 F-15*	*B-7 F-15*	*B-7 F-15 (Center)*	*B-7 F-15 (NE Corner)*	*B-7 F-15 (NW Corner)*
Sample ID:			*S-111203-SD-041*	*S-111203-SD-043*	*S-111203-SD-044*	*S-122303-SD-009*	*S-122303-SD-008*	*S-122303-SD-007*
Sample Date:			*11/12/2003*	*11/12/2003*	*11/12/2003*	*12/23/2003*	*12/23/2003*	*12/23/2003*
Sample Depth:			*4-6 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*4 ft BGS*	*4 ft BGS*	*4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
General Chemistry								
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits (Inorganics).

B - Method blank contamintion (Organics).

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-15 (SE Corner)*	*B-7 F-15 (SW Corner)*	*B-7 F-16*	*B-7 F-16*	*B-7 F-16 (NE Corner)*
Sample ID:			*S-122303-SD-011*	*S-122303-SD-010*	*S-111203-SD-046*	*S-111203-SD-047*	*S-122303-SD-013*
Sample Date:			*12/23/2003*	*12/23/2003*	*11/12/2003*	*11/12/2003*	*12/23/2003*
Sample Depth:			*4 ft BGS*	*4 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	ug/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-15 (SE Corner)*	*B-7 F-15 (SW Corner)*	*B-7 F-16*	*B-7 F-16*	*B-7 F-16 (NE Corner)*
Sample ID:			*S-122303-SD-011*	*S-122303-SD-010*	*S-111203-SD-046*	*S-111203-SD-047*	*S-122303-SD-013*
Sample Date:			*12/23/2003*	*12/23/2003*	*11/12/2003*	*11/12/2003*	*12/23/2003*
Sample Depth:			*4 ft BGS*	*4 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
m&p-Xylenes	µg/kg	-	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-15 (SE Corner)*	*B-7 F-15 (SW Corner)*	*B-7 F-16*	*B-7 F-16*	*B-7 F-16 (NE Corner)*
Sample ID:			*S-122303-SD-011*	*S-122303-SD-010*	*S-111203-SD-046*	*S-111203-SD-047*	*S-122303-SD-013*
Sample Date:			*12/23/2003*	*12/23/2003*	*11/12/2003*	*11/12/2003*	*12/23/2003*
Sample Depth:			*4 ft BGS*	*4 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
3-Nitroaniline	µg/kg	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-15 (SE Corner)*	*B-7 F-15 (SW Corner)*	*B-7 F-16*	*B-7 F-16*	*B-7 F-16 (NE Corner)*
Sample ID:			*S-122303-SD-011*	*S-122303-SD-010*	*S-111203-SD-046*	*S-111203-SD-047*	*S-122303-SD-013*
Sample Date:			*12/23/2003*	*12/23/2003*	*11/12/2003*	*11/12/2003*	*12/23/2003*
Sample Depth:			*4 ft BGS*	*4 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Isophorone	µg/kg	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-
Metals							
Aluminum	µg/kg	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-15 (SE Corner)*	*B-7 F-15 (SW Corner)*	*B-7 F-16*	*B-7 F-16*	*B-7 F-16 (NE Corner)*
Sample ID:			*S-122303-SD-011*	*S-122303-SD-010*	*S-111203-SD-046*	*S-111203-SD-047*	*S-122303-SD-013*
Sample Date:			*12/23/2003*	*12/23/2003*	*11/12/2003*	*11/12/2003*	*12/23/2003*
Sample Depth:			*4 ft BGS*	*4 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (5500)	ND (3500)	ND (12000)	ND (610)	ND (6100)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (550)	ND (690)	ND (590)	ND (610)	ND (610)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (5500)	ND (3500)	ND (12000)	ND (610)	ND (6100)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (5500)	ND (3500)	ND (12000)	ND (610)	ND (6100)
Aroclor-1248 (PCB-1248)	µg/kg	-	27000	34000	180000 J	7400 J	56000
Aroclor-1254 (PCB-1254)	µg/kg	-	8300 J	9700 J	ND (12000)	ND (610)	56000
Aroclor-1260 (PCB-1260)	µg/kg	-	1600 J	2500 J	3000	540 J	ND (6100)
Total PCBs	µg/kg	-	36900	46200	183000	7940	112000
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-15 (SE Corner)*	*B-7 F-15 (SW Corner)*	*B-7 F-16*	*B-7 F-16*	*B-7 F-16 (NE Corner)*
Sample ID:			*S-122303-SD-011*	*S-122303-SD-010*	*S-111203-SD-046*	*S-111203-SD-047*	*S-122303-SD-013*
Sample Date:			*12/23/2003*	*12/23/2003*	*11/12/2003*	*11/12/2003*	*12/23/2003*
Sample Depth:			*4 ft BGS*	*4 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits (Inorganics).

B - Method blank contamintion (Organics).

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-16 (NW Corner)*	*B-7 F-16 (SE Corner)*	*B-7 F-16 (W Center)*	*B-7 F-17*	*B-7 F-17*
Sample ID:			*S-122303-SD-012*	*S-122303-SD-015*	*S-122303-SD-014*	*S-111203-SD-014*	*S-111203-SD-015*
Sample Date:			*12/23/2003*	*12/23/2003*	*12/23/2003*	*11/12/2003*	*11/12/2003*
Sample Depth:			*4 ft BGS*	*4 ft BGS*	*4 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	ug/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-16 (NW Corner)*	*B-7 F-16 (SE Corner)*	*B-7 F-16 (W Center)*	*B-7 F-17*	*B-7 F-17*
Sample ID:			*S-122303-SD-012*	*S-122303-SD-015*	*S-122303-SD-014*	*S-111203-SD-014*	*S-111203-SD-015*
Sample Date:			*12/23/2003*	*12/23/2003*	*12/23/2003*	*11/12/2003*	*11/12/2003*
Sample Depth:			*4 ft BGS*	*4 ft BGS*	*4 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
m&p-Xylenes	µg/kg	-	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-16 (NW Corner)*	*B-7 F-16 (SE Corner)*	*B-7 F-16 (W Center)*	*B-7 F-17*	*B-7 F-17*
Sample ID:			*S-122303-SD-012*	*S-122303-SD-015*	*S-122303-SD-014*	*S-111203-SD-014*	*S-111203-SD-015*
Sample Date:			*12/23/2003*	*12/23/2003*	*12/23/2003*	*11/12/2003*	*11/12/2003*
Sample Depth:			*4 ft BGS*	*4 ft BGS*	*4 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
3-Nitroaniline	µg/kg	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-16 (NW Corner)*	*B-7 F-16 (SE Corner)*	*B-7 F-16 (W Center)*	*B-7 F-17*	*B-7 F-17*
Sample ID:			*S-122303-SD-012*	*S-122303-SD-015*	*S-122303-SD-014*	*S-111203-SD-014*	*S-111203-SD-015*
Sample Date:			*12/23/2003*	*12/23/2003*	*12/23/2003*	*11/12/2003*	*11/12/2003*
Sample Depth:			*4 ft BGS*	*4 ft BGS*	*4 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Isophorone	µg/kg	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-
Metals							
Aluminum	µg/kg	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-16 (NW Corner)*	*B-7 F-16 (SE Corner)*	*B-7 F-16 (W Center)*	*B-7 F-17*	*B-7 F-17*
Sample ID:			*S-122303-SD-012*	*S-122303-SD-015*	*S-122303-SD-014*	*S-111203-SD-014*	*S-111203-SD-015*
Sample Date:			*12/23/2003*	*12/23/2003*	*12/23/2003*	*11/12/2003*	*11/12/2003*
Sample Depth:			*4 ft BGS*	*4 ft BGS*	*4 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (3100)	ND (620) UJ	ND (12000)	ND (6000)	ND (590)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (610)	ND (620)	ND (590)	ND (600)	ND (590)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (3100)	ND (620) UJ	ND (12000)	ND (6000)	ND (590)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (3100)	ND (620) UJ	ND (590) UJ	ND (6000)	ND (590)
Aroclor-1248 (PCB-1248)	µg/kg	-	21000	1500 J	110000	5600	ND (5900)
Aroclor-1254 (PCB-1254)	µg/kg	-	5700 J	1200 J	21000 J	71000	69000
Aroclor-1260 (PCB-1260)	µg/kg	-	1000 J	510 J	3200 J	ND (6000)	ND (5900)
Total PCBs	µg/kg	-	27700	3210	134200	76600	69000
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-16 (NW Corner)*	*B-7 F-16 (SE Corner)*	*B-7 F-16 (W Center)*	*B-7 F-17*	*B-7 F-17*
Sample ID:			*S-122303-SD-012*	*S-122303-SD-015*	*S-122303-SD-014*	*S-111203-SD-014*	*S-111203-SD-015*
Sample Date:			*12/23/2003*	*12/23/2003*	*12/23/2003*	*11/12/2003*	*11/12/2003*
Sample Depth:			*4 ft BGS*	*4 ft BGS*	*4 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits (Inorganics).

B - Method blank contamintion (Organics).

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-17 (Center)*	*B-7 F-17 (NE Corner)*	*B-7 F-17 (NNE Side)*	*B-7 F-17 (NW Corner)*	*B-7 F-17 (NW Corner)*
Sample ID:			*S-121703-SD-003*	*S-121703-SD-002*	*S-121703-SD-103*	*S-121703-SD-001*	*S-011504-SD-001*
Sample Date:			*12/17/2003*	*12/17/2003*	*12/17/2003*	*12/17/2003*	*1/15/2004*
Sample Depth:			*7 ft BGS*	*7 ft BGS*	*2 ft BGS*	*7 ft BGS*	*8 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	ug/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-17 (Center)*	*B-7 F-17 (NE Corner)*	*B-7 F-17 (NNE Side)*	*B-7 F-17 (NW Corner)*	*B-7 F-17 (NW Corner)*
Sample ID:			*S-121703-SD-003*	*S-121703-SD-002*	*S-121703-SD-103*	*S-121703-SD-001*	*S-011504-SD-001*
Sample Date:			*12/17/2003*	*12/17/2003*	*12/17/2003*	*12/17/2003*	*1/15/2004*
Sample Depth:			*7 ft BGS*	*7 ft BGS*	*2 ft BGS*	*7 ft BGS*	*8 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
m&p-Xylenes	µg/kg	-	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-17 (Center)*	*B-7 F-17 (NE Corner)*	*B-7 F-17 (NNE Side)*	*B-7 F-17 (NW Corner)*	*B-7 F-17 (NW Corner)*
Sample ID:			*S-121703-SD-003*	*S-121703-SD-002*	*S-121703-SD-103*	*S-121703-SD-001*	*S-011504-SD-001*
Sample Date:			*12/17/2003*	*12/17/2003*	*12/17/2003*	*12/17/2003*	*1/15/2004*
Sample Depth:			*7 ft BGS*	*7 ft BGS*	*2 ft BGS*	*7 ft BGS*	*8 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
3-Nitroaniline	µg/kg	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-17 (Center)*	*B-7 F-17 (NE Corner)*	*B-7 F-17 (NNE Side)*	*B-7 F-17 (NW Corner)*	*B-7 F-17 (NW Corner)*
Sample ID:			*S-121703-SD-003*	*S-121703-SD-002*	*S-121703-SD-103*	*S-121703-SD-001*	*S-011504-SD-001*
Sample Date:			*12/17/2003*	*12/17/2003*	*12/17/2003*	*12/17/2003*	*1/15/2004*
Sample Depth:			*7 ft BGS*	*7 ft BGS*	*2 ft BGS*	*7 ft BGS*	*8 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Isophorone	µg/kg	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-
Metals							
Aluminum	µg/kg	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-17 (Center)*	*B-7 F-17 (NE Corner)*	*B-7 F-17 (NNE Side)*	*B-7 F-17 (NW Corner)*	*B-7 F-17 (NW Corner)*
Sample ID:			*S-121703-SD-003*	*S-121703-SD-002*	*S-121703-SD-103*	*S-121703-SD-001*	*S-011504-SD-001*
Sample Date:			*12/17/2003*	*12/17/2003*	*12/17/2003*	*12/17/2003*	*1/15/2004*
Sample Depth:			*7 ft BGS*	*7 ft BGS*	*2 ft BGS*	*7 ft BGS*	*8 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (620) UJ	ND (530) UJ	ND (630)	ND (11000)	ND (510)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (620)	ND (530)	ND (630)	ND (530)	ND (510)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (620) UJ	ND (530) UJ	ND (630)	ND (11000)	ND (510)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (620) UJ	ND (530) UJ	ND (630)	ND (11000)	ND (510)
Aroclor-1248 (PCB-1248)	µg/kg	-	730	690	ND (630)	ND (11000)	ND (510)
Aroclor-1254 (PCB-1254)	µg/kg	-	3500	2900 J	1500 J	89000	ND (510)
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (620) UJ	5900 J	3100 J	ND (11000)	ND (510)
Total PCBs	µg/kg	-	4230	9490	4600	89000	ND
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-17 (Center)*	*B-7 F-17 (NE Corner)*	*B-7 F-17 (NNE Side)*	*B-7 F-17 (NW Corner)*	*B-7 F-17 (NW Corner)*
Sample ID:			*S-121703-SD-003*	*S-121703-SD-002*	*S-121703-SD-103*	*S-121703-SD-001*	*S-011504-SD-001*
Sample Date:			*12/17/2003*	*12/17/2003*	*12/17/2003*	*12/17/2003*	*1/15/2004*
Sample Depth:			*7 ft BGS*	*7 ft BGS*	*2 ft BGS*	*7 ft BGS*	*8 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits (Inorganics).

B - Method blank contamintion (Organics).

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-17 (SE Corner)*	*B-7 F-17 (SE Corner)*	*B-7 F-17 (SE Corner)*	*B-7 F-17 (SW Corner)*	*B-7 F-17 (SW Corner)*
Sample ID:			*S-121703-SD-005*	*S-011504-SD-004*	*S-012104-SD-003*	*S-121703-SD-004*	*S-011504-SD-002*
Sample Date:			*12/17/2003*	*1/15/2004*	*1/21/2004*	*12/17/2003*	*1/15/2004*
Sample Depth:			*7 ft BGS*	*8 ft BGS*	*8 ft BGS*	*7 ft BGS*	*8 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	ug/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-17 (SE Corner)*	*B-7 F-17 (SE Corner)*	*B-7 F-17 (SE Corner)*	*B-7 F-17 (SW Corner)*	*B-7 F-17 (SW Corner)*
Sample ID:			*S-121703-SD-005*	*S-011504-SD-004*	*S-012104-SD-003*	*S-121703-SD-004*	*S-011504-SD-002*
Sample Date:			*12/17/2003*	*1/15/2004*	*1/21/2004*	*12/17/2003*	*1/15/2004*
Sample Depth:			*7 ft BGS*	*8 ft BGS*	*8 ft BGS*	*7 ft BGS*	*8 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
m&p-Xylenes	µg/kg	-	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-17 (SE Corner)*	*B-7 F-17 (SE Corner)*	*B-7 F-17 (SE Corner)*	*B-7 F-17 (SW Corner)*	*B-7 F-17 (SW Corner)*
Sample ID:			*S-121703-SD-005*	*S-011504-SD-004*	*S-012104-SD-003*	*S-121703-SD-004*	*S-011504-SD-002*
Sample Date:			*12/17/2003*	*1/15/2004*	*1/21/2004*	*12/17/2003*	*1/15/2004*
Sample Depth:			*7 ft BGS*	*8 ft BGS*	*8 ft BGS*	*7 ft BGS*	*8 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
3-Nitroaniline	µg/kg	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-17 (SE Corner)*	*B-7 F-17 (SE Corner)*	*B-7 F-17 (SE Corner)*	*B-7 F-17 (SW Corner)*	*B-7 F-17 (SW Corner)*
Sample ID:			*S-121703-SD-005*	*S-011504-SD-004*	*S-012104-SD-003*	*S-121703-SD-004*	*S-011504-SD-002*
Sample Date:			*12/17/2003*	*1/15/2004*	*1/21/2004*	*12/17/2003*	*1/15/2004*
Sample Depth:			*7 ft BGS*	*8 ft BGS*	*8 ft BGS*	*7 ft BGS*	*8 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Isophorone	µg/kg	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-
Metals							
Aluminum	µg/kg	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-17 (SE Corner)*	*B-7 F-17 (SE Corner)*	*B-7 F-17 (SE Corner)*	*B-7 F-17 (SW Corner)*	*B-7 F-17 (SW Corner)*
Sample ID:			*S-121703-SD-005*	*S-011504-SD-004*	*S-012104-SD-003*	*S-121703-SD-004*	*S-011504-SD-002*
Sample Date:			*12/17/2003*	*1/15/2004*	*1/21/2004*	*12/17/2003*	*1/15/2004*
Sample Depth:			*7 ft BGS*	*8 ft BGS*	*8 ft BGS*	*7 ft BGS*	*8 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (620) UJ	ND (2700)	ND (520)	ND (16000)	ND (510)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (620)	ND (550)	ND (520)	ND (800)	ND (510)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (620) UJ	ND (2700)	ND (520)	ND (16000)	ND (510)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (620) UJ	ND (2700)	ND (520)	ND (16000)	ND (510)
Aroclor-1248 (PCB-1248)	µg/kg	-	2100	ND (2700)	ND (520)	ND (16000)	ND (510)
Aroclor-1254 (PCB-1254)	µg/kg	-	8800 J	20000	390 J	190000	ND (510)
Aroclor-1260 (PCB-1260)	µg/kg	-	3100 J	ND (2700)	ND (520)	ND (16000)	ND (510)
Total PCBs	µg/kg	-	14000	20000	390	190000	ND
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-17 (SE Corner)*	*B-7 F-17 (SE Corner)*	*B-7 F-17 (SE Corner)*	*B-7 F-17 (SW Corner)*	*B-7 F-17 (SW Corner)*
Sample ID:			*S-121703-SD-005*	*S-011504-SD-004*	*S-012104-SD-003*	*S-121703-SD-004*	*S-011504-SD-002*
Sample Date:			*12/17/2003*	*1/15/2004*	*1/21/2004*	*12/17/2003*	*1/15/2004*
Sample Depth:			*7 ft BGS*	*8 ft BGS*	*8 ft BGS*	*7 ft BGS*	*8 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits (Inorganics).

B - Method blank contamintion (Organics).

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-17 (SW Corner)*	*B-7 (W Sidewall in F-17 Area)*	*B-7 F-17 (W Side)*	*B-7 F-18*	*B-7 F-18*
Sample ID:			*S-011504-SD-003*	*S-011604-SD-004*	*S-121703-SD-104*	*S-121103-SD-002*	*S-121103-SD-003*
Sample Date:			*1/15/2004*	*1/16/2004*	*12/17/2003*	*12/11/2003*	*12/11/2003*
Sample Depth:			*8 ft BGS*	*6 ft BGS*	*5 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*
		RUSCO	*Duplicate*				
Parameter	*Units*	*Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	ug/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-17 (SW Corner)*	*B-7 (W Sidewall in F-17 Area)*	*B-7 F-17 (W Side)*	*B-7 F-18*	*B-7 F-18*
Sample ID:			*S-011504-SD-003*	*S-011604-SD-004*	*S-121703-SD-104*	*S-121103-SD-002*	*S-121103-SD-003*
Sample Date:			*1/15/2004*	*1/16/2004*	*12/17/2003*	*12/11/2003*	*12/11/2003*
Sample Depth:			*8 ft BGS*	*6 ft BGS*	*5 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*
		RUSCO	*Duplicate*				
Parameter	*Units*	*Criteria*					
m&p-Xylenes	µg/kg	-	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-17 (SW Corner)*	*B-7 (W Sidewall in F-17 Area)*	*B-7 F-17 (W Side)*	*B-7 F-18*	*B-7 F-18*
Sample ID:			*S-011504-SD-003*	*S-011604-SD-004*	*S-121703-SD-104*	*S-121103-SD-002*	*S-121103-SD-003*
Sample Date:			*1/15/2004*	*1/16/2004*	*12/17/2003*	*12/11/2003*	*12/11/2003*
Sample Depth:			*8 ft BGS*	*6 ft BGS*	*5 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*
		RUSCO	*Duplicate*				
Parameter	*Units*	*Criteria*					
3-Nitroaniline	µg/kg	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-17 (SW Corner)*	*B-7 (W Sidewall in F-17 Area)*	*B-7 F-17 (W Side)*	*B-7 F-18*	*B-7 F-18*
Sample ID:			*S-011504-SD-003*	*S-011604-SD-004*	*S-121703-SD-104*	*S-121103-SD-002*	*S-121103-SD-003*
Sample Date:			*1/15/2004*	*1/16/2004*	*12/17/2003*	*12/11/2003*	*12/11/2003*
Sample Depth:			*8 ft BGS*	*6 ft BGS*	*5 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*
		RUSCO	*Duplicate*				
Parameter	*Units*	*Criteria*					
Isophorone	µg/kg	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-
Metals							
Aluminum	µg/kg	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-17 (SW Corner)*	*B-7 (W Sidewall in F-17 Area)*	*B-7 F-17 (W Side)*	*B-7 F-18*	*B-7 F-18*
Sample ID:			*S-011504-SD-003*	*S-011604-SD-004*	*S-121703-SD-104*	*S-121103-SD-002*	*S-121103-SD-003*
Sample Date:			*1/15/2004*	*1/16/2004*	*12/17/2003*	*12/11/2003*	*12/11/2003*
Sample Depth:			*8 ft BGS*	*6 ft BGS*	*5 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*
		RUSCO	*Duplicate*				
Parameter	*Units*	*Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (510)	ND (580)	ND (750) UJ	ND (1200)	ND (590) UJ
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (510)	ND (580)	ND (750) UJ	ND (590)	ND (590)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (510)	ND (580)	ND (750)	ND (1200)	ND (590) UJ
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (510)	ND (580)	ND (750) UJ	ND (1200)	ND (590) UJ
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (510)	ND (580)	6300	3200	7300 J
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (510)	ND (580)	3400 J	12000	2800 J
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (510)	ND (580)	3700 J	ND (1200)	1300 J
Total PCBs	µg/kg	-	ND	ND	13400	15200	11400
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-17 (SW Corner)*	*B-7 (W Sidewall in F-17 Area)*	*B-7 F-17 (W Side)*	*B-7 F-18*	*B-7 F-18*
Sample ID:			*S-011504-SD-003*	*S-011604-SD-004*	*S-121703-SD-104*	*S-121103-SD-002*	*S-121103-SD-003*
Sample Date:			*1/15/2004*	*1/16/2004*	*12/17/2003*	*12/11/2003*	*12/11/2003*
Sample Depth:			*8 ft BGS*	*6 ft BGS*	*5 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*
		RUSCO	*Duplicate*				
Parameter	*Units*	*Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits (Inorganics).

B - Method blank contamintion (Organics).

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-18*	*B-7 F-18*	*B-7 F-18*	*B-7 F-18 (Center)*	*B-7 F-18 (NE)*	*B-7 F-18 (NW Corner)*
Sample ID:			*S-121103-SD-004*	*S-012004-SW-003*	*S-012704-SD-002*	*S-010604-SD-015*	*S-010604-SD-016*	*S-010604-SD-014*
Sample Date:			*12/11/2003*	*1/20/2004*	*1/27/2004*	*1/6/2004*	*1/6/2004*	*1/6/2004*
Sample Depth:			*4-6 ft BGS*	*3 ft BGS*	*3 ft BGS*	*6 ft BGS*	*6 ft BGS*	*6 ft BGS*
		RUSCO	*Duplicate*					
Parameter	*Units*	*Criteria*						
Volatiles								
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-
Ethylbenzene	ug/kg	780000	-	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-18*	*B-7 F-18*	*B-7 F-18*	*B-7 F-18 (Center)*	*B-7 F-18 (NE)*	*B-7 F-18 (NW Corner)*
Sample ID:			*S-121103-SD-004*	*S-012004-SW-003*	*S-012704-SD-002*	*S-010604-SD-015*	*S-010604-SD-016*	*S-010604-SD-014*
Sample Date:			*12/11/2003*	*1/20/2004*	*1/27/2004*	*1/6/2004*	*1/6/2004*	*1/6/2004*
Sample Depth:			*4-6 ft BGS*	*3 ft BGS*	*3 ft BGS*	*6 ft BGS*	*6 ft BGS*	*6 ft BGS*
		RUSCO	*Duplicate*					
Parameter	*Units*	*Criteria*						
m&p-Xylenes	µg/kg	-	-	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-	-
Semi-Volatiles								
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-18*	*B-7 F-18*	*B-7 F-18*	*B-7 F-18 (Center)*	*B-7 F-18 (NE)*	*B-7 F-18 (NW Corner)*
Sample ID:			*S-121103-SD-004*	*S-012004-SW-003*	*S-012704-SD-002*	*S-010604-SD-015*	*S-010604-SD-016*	*S-010604-SD-014*
Sample Date:			*12/11/2003*	*1/20/2004*	*1/27/2004*	*1/6/2004*	*1/6/2004*	*1/6/2004*
Sample Depth:			*4-6 ft BGS*	*3 ft BGS*	*3 ft BGS*	*6 ft BGS*	*6 ft BGS*	*6 ft BGS*
		RUSCO	*Duplicate*					
Parameter	*Units*	*Criteria*						
3-Nitroaniline	µg/kg	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-18*	*B-7 F-18*	*B-7 F-18*	*B-7 F-18 (Center)*	*B-7 F-18 (NE)*	*B-7 F-18 (NW Corner)*
Sample ID:			*S-121103-SD-004*	*S-012004-SW-003*	*S-012704-SD-002*	*S-010604-SD-015*	*S-010604-SD-016*	*S-010604-SD-014*
Sample Date:			*12/11/2003*	*1/20/2004*	*1/27/2004*	*1/6/2004*	*1/6/2004*	*1/6/2004*
Sample Depth:			*4-6 ft BGS*	*3 ft BGS*	*3 ft BGS*	*6 ft BGS*	*6 ft BGS*	*6 ft BGS*
		RUSCO	*Duplicate*					
Parameter	*Units*	*Criteria*						
Isophorone	µg/kg	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-	-
Metals								
Aluminum	µg/kg	-	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-18*	*B-7 F-18*	*B-7 F-18*	*B-7 F-18 (Center)*	*B-7 F-18 (NE)*	*B-7 F-18 (NW Corner)*
Sample ID:			*S-121103-SD-004*	*S-012004-SW-003*	*S-012704-SD-002*	*S-010604-SD-015*	*S-010604-SD-016*	*S-010604-SD-014*
Sample Date:			*12/11/2003*	*1/20/2004*	*1/27/2004*	*1/6/2004*	*1/6/2004*	*1/6/2004*
Sample Depth:			*4-6 ft BGS*	*3 ft BGS*	*3 ft BGS*	*6 ft BGS*	*6 ft BGS*	*6 ft BGS*
Parameter	*Units*	*RUSCO Criteria*	*Duplicate*					
PCBs								
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (3100)	ND (660)	ND (510)	ND (6300)	ND (660) UJ	ND (3200)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (620)	ND (660)	ND (510)	ND (630)	ND (660)	ND (630)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (3100)	ND (660) UJ	ND (510)	ND (6300)	ND (660) UJ	ND (3200)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (3100)	ND (660)	ND (510)	ND (6300)	ND (660) UJ	ND (3200)
Aroclor-1248 (PCB-1248)	µg/kg	-	33000 J	710	ND (510)	69000	4800	21000
Aroclor-1254 (PCB-1254)	µg/kg	-	4200 J	590 J	ND (510)	ND (6300)	ND (660) UJ	ND (3200)
Aroclor-1260 (PCB-1260)	µg/kg	-	2800 J	330 J	ND (510)	2600	630 J	1100
Total PCBs	µg/kg	-	40000	1630	ND	71600	5430	22100
Pesticides								
4,4'-DDD	µg/kg	180000	-	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-	-
Petroleum Hydrocarbons								
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-18*	*B-7 F-18*	*B-7 F-18*	*B-7 F-18 (Center)*	*B-7 F-18 (NE)*	*B-7 F-18 (NW Corner)*
Sample ID:			*S-121103-SD-004*	*S-012004-SW-003*	*S-012704-SD-002*	*S-010604-SD-015*	*S-010604-SD-016*	*S-010604-SD-014*
Sample Date:			*12/11/2003*	*1/20/2004*	*1/27/2004*	*1/6/2004*	*1/6/2004*	*1/6/2004*
Sample Depth:			*4-6 ft BGS*	*3 ft BGS*	*3 ft BGS*	*6 ft BGS*	*6 ft BGS*	*6 ft BGS*
		RUSCO	*Duplicate*					
Parameter	*Units*	*Criteria*						
General Chemistry								
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits (Inorganics).

B - Method blank contamintion (Organics).

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-18 (SE)*	*B-7 F-18 (SW)*	*B-7 F-18 (SW Side)*	*B-7 F-18 (Test Pit)*	*B-7 F-19*	*B-7 F-19*
Sample ID:			*S-010604-SD-017*	*S-010604-SD-018*	*S-011304-SD-002*	*S-012004-SW-001*	*S-121103-SD-006*	*S-121103-SD-007*
Sample Date:			*1/6/2004*	*1/6/2004*	*1/13/2004*	*1/20/2004*	*12/11/2003*	*12/11/2003*
Sample Depth:			*6 ft BGS*	*3 ft BGS*	*2 ft BGS*	*3 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
Volatiles								
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-
Ethylbenzene	ug/kg	780000	-	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-18 (SE)*	*B-7 F-18 (SW)*	*B-7 F-18 (SW Side)*	*B-7 F-18 (Test Pit)*	*B-7 F-19*	*B-7 F-19*
Sample ID:			*S-010604-SD-017*	*S-010604-SD-018*	*S-011304-SD-002*	*S-012004-SW-001*	*S-121103-SD-006*	*S-121103-SD-007*
Sample Date:			*1/6/2004*	*1/6/2004*	*1/13/2004*	*1/20/2004*	*12/11/2003*	*12/11/2003*
Sample Depth:			*6 ft BGS*	*3 ft BGS*	*2 ft BGS*	*3 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
m&p-Xylenes	µg/kg	-	-	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-	-
Semi-Volatiles								
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-18 (SE)*	*B-7 F-18 (SW)*	*B-7 F-18 (SW Side)*	*B-7 F-18 (Test Pit)*	*B-7 F-19*	*B-7 F-19*
Sample ID:			*S-010604-SD-017*	*S-010604-SD-018*	*S-011304-SD-002*	*S-012004-SW-001*	*S-121103-SD-006*	*S-121103-SD-007*
Sample Date:			*1/6/2004*	*1/6/2004*	*1/13/2004*	*1/20/2004*	*12/11/2003*	*12/11/2003*
Sample Depth:			*6 ft BGS*	*3 ft BGS*	*2 ft BGS*	*3 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
3-Nitroaniline	µg/kg	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-18 (SE)*	*B-7 F-18 (SW)*	*B-7 F-18 (SW Side)*	*B-7 F-18 (Test Pit)*	*B-7 F-19*	*B-7 F-19*
Sample ID:			*S-010604-SD-017*	*S-010604-SD-018*	*S-011304-SD-002*	*S-012004-SW-001*	*S-121103-SD-006*	*S-121103-SD-007*
Sample Date:			*1/6/2004*	*1/6/2004*	*1/13/2004*	*1/20/2004*	*12/11/2003*	*12/11/2003*
Sample Depth:			*6 ft BGS*	*3 ft BGS*	*2 ft BGS*	*3 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
Isophorone	µg/kg	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-	-
Metals								
Aluminum	µg/kg	-	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-18 (SE)*	*B-7 F-18 (SW)*	*B-7 F-18 (SW Side)*	*B-7 F-18 (Test Pit)*	*B-7 F-19*	*B-7 F-19*
Sample ID:			*S-010604-SD-017*	*S-010604-SD-018*	*S-011304-SD-002*	*S-012004-SW-001*	*S-121103-SD-006*	*S-121103-SD-007*
Sample Date:			*1/6/2004*	*1/6/2004*	*1/13/2004*	*1/20/2004*	*12/11/2003*	*12/11/2003*
Sample Depth:			*6 ft BGS*	*3 ft BGS*	*2 ft BGS*	*3 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
PCBs								
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (630) UJ	ND (3000)	ND (3000)	ND (620) UJ	ND (560) UJ	ND (540) UJ
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (630)	ND (590)	ND (600)	ND (620)	ND (560)	ND (540)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (630) UJ	ND (3000)	ND (3000)	ND (620) UJ	ND (560) UJ	ND (540) UJ
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (630) UJ	ND (3000)	ND (3000)	8000	ND (560) UJ	ND (540) UJ
Aroclor-1248 (PCB-1248)	µg/kg	-	3400	21000	20000	ND (620) UJ	1300	1000
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (630) UJ	ND (3000)	3500 J	2600 J	6000 J	5300 J
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (630)	580 J	920 J	600 J	3900 J	1200 J
Total PCBs	µg/kg	-	3400	21580	24420	11200	11200	7500
Pesticides								
4,4'-DDD	µg/kg	180000	-	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-	-
Petroleum Hydrocarbons								
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-18 (SE)*	*B-7 F-18 (SW)*	*B-7 F-18 (SW Side)*	*B-7 F-18 (Test Pit)*	*B-7 F-19*	*B-7 F-19*
Sample ID:			*S-010604-SD-017*	*S-010604-SD-018*	*S-011304-SD-002*	*S-012004-SW-001*	*S-121103-SD-006*	*S-121103-SD-007*
Sample Date:			*1/6/2004*	*1/6/2004*	*1/13/2004*	*1/20/2004*	*12/11/2003*	*12/11/2003*
Sample Depth:			*6 ft BGS*	*3 ft BGS*	*2 ft BGS*	*3 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
General Chemistry								
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits (Inorganics).

B - Method blank contamintion (Organics).

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-19 (East Center)*	*B-7 F-19 (North Center)*	*B-7 F-19 (NE Corner)*	*B-7 F-19 (NW)*	*B-7 F-19 (NW Center)*
Sample ID:			*S-010604-SD-006*	*S-010604-SD-003*	*S-010804-SD-001*	*S-010604-SD-001*	*S-010604-SD-002*
Sample Date:			*1/6/2004*	*1/6/2004*	*1/8/2004*	*1/6/2004*	*1/6/2004*
Sample Depth:			*4 ft BGS*	*4 ft BGS*	*4 ft BGS*	*4 ft BGS*	*4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	ug/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-19 (East Center)*	*B-7 F-19 (North Center)*	*B-7 F-19 (NE Corner)*	*B-7 F-19 (NW)*	*B-7 F-19 (NW Center)*
Sample ID:			*S-010604-SD-006*	*S-010604-SD-003*	*S-010804-SD-001*	*S-010604-SD-001*	*S-010604-SD-002*
Sample Date:			*1/6/2004*	*1/6/2004*	*1/8/2004*	*1/6/2004*	*1/6/2004*
Sample Depth:			*4 ft BGS*	*4 ft BGS*	*4 ft BGS*	*4 ft BGS*	*4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
m&p-Xylenes	µg/kg	-	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-19 (East Center)*	*B-7 F-19 (North Center)*	*B-7 F-19 (NE Corner)*	*B-7 F-19 (NW)*	*B-7 F-19 (NW Center)*
Sample ID:			*S-010604-SD-006*	*S-010604-SD-003*	*S-010804-SD-001*	*S-010604-SD-001*	*S-010604-SD-002*
Sample Date:			*1/6/2004*	*1/6/2004*	*1/8/2004*	*1/6/2004*	*1/6/2004*
Sample Depth:			*4 ft BGS*	*4 ft BGS*	*4 ft BGS*	*4 ft BGS*	*4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
3-Nitroaniline	µg/kg	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-19 (East Center)*	*B-7 F-19 (North Center)*	*B-7 F-19 (NE Corner)*	*B-7 F-19 (NW)*	*B-7 F-19 (NW Center)*
Sample ID:			*S-010604-SD-006*	*S-010604-SD-003*	*S-010804-SD-001*	*S-010604-SD-001*	*S-010604-SD-002*
Sample Date:			*1/6/2004*	*1/6/2004*	*1/8/2004*	*1/6/2004*	*1/6/2004*
Sample Depth:			*4 ft BGS*	*4 ft BGS*	*4 ft BGS*	*4 ft BGS*	*4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Isophorone	µg/kg	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-
Metals							
Aluminum	µg/kg	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-19 (East Center)*	*B-7 F-19 (North Center)*	*B-7 F-19 (NE Corner)*	*B-7 F-19 (NW)*	*B-7 F-19 (NW Center)*
Sample ID:			*S-010604-SD-006*	*S-010604-SD-003*	*S-010804-SD-001*	*S-010604-SD-001*	*S-010604-SD-002*
Sample Date:			*1/6/2004*	*1/6/2004*	*1/8/2004*	*1/6/2004*	*1/6/2004*
Sample Depth:			*4 ft BGS*	*4 ft BGS*	*4 ft BGS*	*4 ft BGS*	*4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (750) UJ	ND (590) UJ	ND (550) UJ	ND (60000)	ND (520)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (750)	ND (590)	ND (550)	ND (600)	ND (520)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (750) UJ	ND (590) UJ	ND (550) UJ	ND (60000)	ND (520)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (750) UJ	ND (590) UJ	ND (550) UJ	ND (60000)	ND (520)
Aroclor-1248 (PCB-1248)	µg/kg	-	3100	9200	7200	ND (60000)	ND (520)
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (750) UJ	7100 J	2700 J	590000	890 J
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (750)	2400 J	1000 J	ND (60000)	600 J
Total PCBs	µg/kg	-	3100	18700	10900	590000	1490
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-19 (East Center)*	*B-7 F-19 (North Center)*	*B-7 F-19 (NE Corner)*	*B-7 F-19 (NW)*	*B-7 F-19 (NW Center)*
Sample ID:			*S-010604-SD-006*	*S-010604-SD-003*	*S-010804-SD-001*	*S-010604-SD-001*	*S-010604-SD-002*
Sample Date:			*1/6/2004*	*1/6/2004*	*1/8/2004*	*1/6/2004*	*1/6/2004*
Sample Depth:			*4 ft BGS*	*4 ft BGS*	*4 ft BGS*	*4 ft BGS*	*4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits (Inorganics).

B - Method blank contamintion (Organics).

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-19 (S Central)*	*B-7 F-19 (SE)*	*B-7 F-19 (SE Center)*	*B-7 F-19 (SE Corner)*	*B-7 F-19 (SW Center)*
Sample ID:			*S-010604-SD-012*	*S-010604-SD-011*	*S-010604-SD-010*	*S-010604-SD-013*	*S-010604-SD-008*
Sample Date:			*1/6/2004*	*1/6/2004*	*1/6/2004*	*1/6/2004*	*1/6/2004*
Sample Depth:			*2 ft BGS*	*4 ft BGS*	*4 ft BGS*	*2 ft BGS*	*4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	ug/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-19 (S Central)*	*B-7 F-19 (SE)*	*B-7 F-19 (SE Center)*	*B-7 F-19 (SE Corner)*	*B-7 F-19 (SW Center)*
Sample ID:			*S-010604-SD-012*	*S-010604-SD-011*	*S-010604-SD-010*	*S-010604-SD-013*	*S-010604-SD-008*
Sample Date:			*1/6/2004*	*1/6/2004*	*1/6/2004*	*1/6/2004*	*1/6/2004*
Sample Depth:			*2 ft BGS*	*4 ft BGS*	*4 ft BGS*	*2 ft BGS*	*4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
m&p-Xylenes	µg/kg	-	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-19 (S Central)*	*B-7 F-19 (SE)*	*B-7 F-19 (SE Center)*	*B-7 F-19 (SE Corner)*	*B-7 F-19 (SW Center)*
Sample ID:			*S-010604-SD-012*	*S-010604-SD-011*	*S-010604-SD-010*	*S-010604-SD-013*	*S-010604-SD-008*
Sample Date:			*1/6/2004*	*1/6/2004*	*1/6/2004*	*1/6/2004*	*1/6/2004*
Sample Depth:			*2 ft BGS*	*4 ft BGS*	*4 ft BGS*	*2 ft BGS*	*4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
3-Nitroaniline	µg/kg	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-19 (S Central)*	*B-7 F-19 (SE)*	*B-7 F-19 (SE Center)*	*B-7 F-19 (SE Corner)*	*B-7 F-19 (SW Center)*
Sample ID:			*S-010604-SD-012*	*S-010604-SD-011*	*S-010604-SD-010*	*S-010604-SD-013*	*S-010604-SD-008*
Sample Date:			*1/6/2004*	*1/6/2004*	*1/6/2004*	*1/6/2004*	*1/6/2004*
Sample Depth:			*2 ft BGS*	*4 ft BGS*	*4 ft BGS*	*2 ft BGS*	*4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Isophorone	µg/kg	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-
Metals							
Aluminum	µg/kg	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-19 (S Central)*	*B-7 F-19 (SE)*	*B-7 F-19 (SE Center)*	*B-7 F-19 (SE Corner)*	*B-7 F-19 (SW Center)*
Sample ID:			*S-010604-SD-012*	*S-010604-SD-011*	*S-010604-SD-010*	*S-010604-SD-013*	*S-010604-SD-008*
Sample Date:			*1/6/2004*	*1/6/2004*	*1/6/2004*	*1/6/2004*	*1/6/2004*
Sample Depth:			*2 ft BGS*	*4 ft BGS*	*4 ft BGS*	*2 ft BGS*	*4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (550) UJ	ND (3600)	ND (640) UJ	ND (560) UJ	ND (7900)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (550)	ND (720)	ND (640)	ND (560)	ND (790)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (550) UJ	ND (3600)	ND (640) UJ	ND (560) UJ	ND (7900)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (550) UJ	ND (3600)	ND (640) UJ	ND (560) UJ	ND (7900)
Aroclor-1248 (PCB-1248)	µg/kg	-	1100	36000	8700	1000	63000
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (550)	ND (3600)	ND (640) UJ	ND (560) UJ	ND (7900)
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (550)	2500	450 J	ND (560)	630 J
Total PCBs	µg/kg	-	1100	38500	9150	1000	63630
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-19 (S Central)*	*B-7 F-19 (SE)*	*B-7 F-19 (SE Center)*	*B-7 F-19 (SE Corner)*	*B-7 F-19 (SW Center)*
Sample ID:			*S-010604-SD-012*	*S-010604-SD-011*	*S-010604-SD-010*	*S-010604-SD-013*	*S-010604-SD-008*
Sample Date:			*1/6/2004*	*1/6/2004*	*1/6/2004*	*1/6/2004*	*1/6/2004*
Sample Depth:			*2 ft BGS*	*4 ft BGS*	*4 ft BGS*	*2 ft BGS*	*4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits (Inorganics).

B - Method blank contamintion (Organics).

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-19 (SW Center)*	*B-7 F-19 (SW Corner)*	*B-7 F-19 (West Center)*	*B-7 F-6 (East Wall of Concrete Pad)*
Sample ID:			*S-010604-SD-009*	*S-010604-SD-007*	*S-010604-SD-005*	*S-012104-SD-001*
Sample Date:			*1/6/2004*	*1/6/2004*	*1/6/2004*	*1/21/2004*
Sample Depth:			*4 ft BGS*	*4 ft BGS*	*4 ft BGS*	*2 ft BGS*
		RUSCO	*Duplicate*			
Parameter	*Units*	*Criteria*				
Volatiles						
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-
Ethylbenzene	ug/kg	780000	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-19 (SW Center)*	*B-7 F-19 (SW Corner)*	*B-7 F-19 (West Center)*	*B-7 F-6 (East Wall of Concrete Pad)*
Sample ID:			*S-010604-SD-009*	*S-010604-SD-007*	*S-010604-SD-005*	*S-012104-SD-001*
Sample Date:			*1/6/2004*	*1/6/2004*	*1/6/2004*	*1/21/2004*
Sample Depth:			*4 ft BGS*	*4 ft BGS*	*4 ft BGS*	*2 ft BGS*
		RUSCO	*Duplicate*			
Parameter	*Units*	*Criteria*				
m&p-Xylenes	µg/kg	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-19 (SW Center)*	*B-7 F-19 (SW Corner)*	*B-7 F-19 (West Center)*	*B-7 F-6 (East Wall of Concrete Pad)*
Sample ID:			*S-010604-SD-009*	*S-010604-SD-007*	*S-010604-SD-005*	*S-012104-SD-001*
Sample Date:			*1/6/2004*	*1/6/2004*	*1/6/2004*	*1/21/2004*
Sample Depth:			*4 ft BGS*	*4 ft BGS*	*4 ft BGS*	*2 ft BGS*
		RUSCO	*Duplicate*			
Parameter	*Units*	*Criteria*				
3-Nitroaniline	µg/kg	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-19 (SW Center)*	*B-7 F-19 (SW Corner)*	*B-7 F-19 (West Center)*	*B-7 F-6 (East Wall of Concrete Pad)*
Sample ID:			*S-010604-SD-009*	*S-010604-SD-007*	*S-010604-SD-005*	*S-012104-SD-001*
Sample Date:			*1/6/2004*	*1/6/2004*	*1/6/2004*	*1/21/2004*
Sample Depth:			*4 ft BGS*	*4 ft BGS*	*4 ft BGS*	*2 ft BGS*
		RUSCO	*Duplicate*			
Parameter	*Units*	*Criteria*				
Isophorone	µg/kg	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-
Metals						
Aluminum	µg/kg	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-
Calcium	µg/kg	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-
Iron	µg/kg	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-
Potassium	µg/kg	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-
Sodium	µg/kg	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-19 (SW Center)*	*B-7 F-19 (SW Corner)*	*B-7 F-19 (West Center)*	*B-7 F-6 (East Wall of Concrete Pad)*
Sample ID:			*S-010604-SD-009*	*S-010604-SD-007*	*S-010604-SD-005*	*S-012104-SD-001*
Sample Date:			*1/6/2004*	*1/6/2004*	*1/6/2004*	*1/21/2004*
Sample Depth:			*4 ft BGS*	*4 ft BGS*	*4 ft BGS*	*2 ft BGS*
		RUSCO	*Duplicate*			
Parameter	*Units*	*Criteria*				
PCBs						
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (11000)	ND (610) UJ	ND (5800)	ND (610)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (550)	ND (610)	ND (580)	ND (610)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (11000)	ND (610) UJ	ND (5800)	ND (610)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (11000)	ND (610) UJ	ND (5800)	ND (610)
Aroclor-1248 (PCB-1248)	µg/kg	-	120000	1400	49000	ND (610)
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (11000)	3700	19000 J	750 J
Aroclor-1260 (PCB-1260)	µg/kg	-	460 J	ND (610)	2100 J	670 J
Total PCBs	µg/kg	-	120460	5100	70100	1420
Pesticides						
4,4'-DDD	µg/kg	180000	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-
Petroleum Hydrocarbons						
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-19 (SW Center)*	*B-7 F-19 (SW Corner)*	*B-7 F-19 (West Center)*	*B-7 F-6 (East Wall of Concrete Pad)*
Sample ID:			*S-010604-SD-009*	*S-010604-SD-007*	*S-010604-SD-005*	*S-012104-SD-001*
Sample Date:			*1/6/2004*	*1/6/2004*	*1/6/2004*	*1/21/2004*
Sample Depth:			*4 ft BGS*	*4 ft BGS*	*4 ft BGS*	*2 ft BGS*
		RUSCO	*Duplicate*			
Parameter	*Units*	*Criteria*				
General Chemistry						
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-
Percent moisture	%	-	-	-	-	-
pH	s.u.	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-
Total solids	%	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits (Inorganics).

B - Method blank contamintion (Organics).

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-15 (NE Corner)*	*B-7 F-16 (South Center)*	*B-7 (NE Sidewall in E Series Area)*	*B-7 (N Sidewall in E Series Area)*
Sample ID:			*S-122303-SD-019*	*S-122303-SD-018*	*S-011604-SD-002*	*S-011604-SD-005*
Sample Date:			*12/23/2003*	*12/23/2003*	*1/16/2004*	*1/16/2004*
Sample Depth:			*2 ft BGS*	*2 ft BGS*	*2 ft BGS*	*2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
Volatiles						
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-
Ethylbenzene	ug/kg	780000	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-15 (NE Corner)*	*B-7 F-16 (South Center)*	*B-7 (NE Sidewall in E Series Area)*	*B-7 (N Sidewall in E Series Area)*
Sample ID:			*S-122303-SD-019*	*S-122303-SD-018*	*S-011604-SD-002*	*S-011604-SD-005*
Sample Date:			*12/23/2003*	*12/23/2003*	*1/16/2004*	*1/16/2004*
Sample Depth:			*2 ft BGS*	*2 ft BGS*	*2 ft BGS*	*2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
m&p-Xylenes	µg/kg	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-15 (NE Corner)*	*B-7 F-16 (South Center)*	*B-7 (NE Sidewall in E Series Area)*	*B-7 (N Sidewall in E Series Area)*
Sample ID:			*S-122303-SD-019*	*S-122303-SD-018*	*S-011604-SD-002*	*S-011604-SD-005*
Sample Date:			*12/23/2003*	*12/23/2003*	*1/16/2004*	*1/16/2004*
Sample Depth:			*2 ft BGS*	*2 ft BGS*	*2 ft BGS*	*2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
3-Nitroaniline	µg/kg	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-15 (NE Corner)*	*B-7 F-16 (South Center)*	*B-7 (NE Sidewall in E Series Area)*	*B-7 (N Sidewall in E Series Area)*
Sample ID:			*S-122303-SD-019*	*S-122303-SD-018*	*S-011604-SD-002*	*S-011604-SD-005*
Sample Date:			*12/23/2003*	*12/23/2003*	*1/16/2004*	*1/16/2004*
Sample Depth:			*2 ft BGS*	*2 ft BGS*	*2 ft BGS*	*2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
Isophorone	µg/kg	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-
Metals						
Aluminum	µg/kg	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-
Calcium	µg/kg	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-
Iron	µg/kg	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-
Potassium	µg/kg	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-
Sodium	µg/kg	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-15 (NE Corner)*	*B-7 F-16 (South Center)*	*B-7 (NE Sidewall in E Series Area)*	*B-7 (N Sidewall in E Series Area)*
Sample ID:			*S-122303-SD-019*	*S-122303-SD-018*	*S-011604-SD-002*	*S-011604-SD-005*
Sample Date:			*12/23/2003*	*12/23/2003*	*1/16/2004*	*1/16/2004*
Sample Depth:			*2 ft BGS*	*2 ft BGS*	*2 ft BGS*	*2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
PCBs						
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (650)	ND (540) UJ	ND (620)	ND (610)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (650)	ND (540)	ND (620)	ND (610)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (650)	ND (540) UJ	ND (620)	ND (610)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (650)	ND (540) UJ	ND (620)	ND (610)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (650)	310 J	ND (620)	ND (610)
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (650)	480 J	ND (620)	ND (610)
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (650)	780 J	ND (620)	ND (610)
Total PCBs	µg/kg	-	ND	1570	ND	ND
Pesticides						
4,4'-DDD	µg/kg	180000	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-
Petroleum Hydrocarbons						
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 F-15 (NE Corner)*	*B-7 F-16 (South Center)*	*B-7 (NE Sidewall in E Series Area)*	*B-7 (N Sidewall in E Series Area)*
Sample ID:			*S-122303-SD-019*	*S-122303-SD-018*	*S-011604-SD-002*	*S-011604-SD-005*
Sample Date:			*12/23/2003*	*12/23/2003*	*1/16/2004*	*1/16/2004*
Sample Depth:			*2 ft BGS*	*2 ft BGS*	*2 ft BGS*	*2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
General Chemistry						
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-
Percent moisture	%	-	-	-	-	-
pH	s.u.	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-
Total solids	%	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits (Inorganics).

B - Method blank contamintion (Organics).

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 (N Sidewall in E Series Area)*	*B-7 (SE Sidewall in E Series Area)*	*B-7 (W Sidewall in E Series Area)*
Sample ID:			*S-011604-SD-006*	*S-011604-SD-003*	*S-011604-SD-001*
Sample Date:			*1/16/2004*	*1/16/2004*	*1/16/2004*
Sample Depth:			*2 ft BGS*	*2 ft BGS*	*2 ft BGS*
		RUSCO	*Duplicate*		
Parameter	*Units*	*Criteria*			
Volatiles					
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-
2-Hexanone	µg/kg	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-
Acetone	µg/kg	1000000	-	-	-
Benzene	µg/kg	89000	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-
Bromoform	µg/kg	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-
Chloroethane	µg/kg	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-
Ethylbenzene	ug/kg	780000	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 (N Sidewall in E Series Area)*	*B-7 (SE Sidewall in E Series Area)*	*B-7 (W Sidewall in E Series Area)*
Sample ID:			*S-011604-SD-006*	*S-011604-SD-003*	*S-011604-SD-001*
Sample Date:			*1/16/2004*	*1/16/2004*	*1/16/2004*
Sample Depth:			*2 ft BGS*	*2 ft BGS*	*2 ft BGS*
		RUSCO	*Duplicate*		
Parameter	*Units*	*Criteria*			
m&p-Xylenes	µg/kg	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-
Naphthalene	µg/kg	1000000	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-
o-Xylene	µg/kg	-	-	-	-
Styrene	µg/kg	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-
Toluene	µg/kg	1000000	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-
Semi-Volatiles					
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 (N Sidewall in E Series Area)*	*B-7 (SE Sidewall in E Series Area)*	*B-7 (W Sidewall in E Series Area)*
Sample ID:			*S-011604-SD-006*	*S-011604-SD-003*	*S-011604-SD-001*
Sample Date:			*1/16/2004*	*1/16/2004*	*1/16/2004*
Sample Depth:			*2 ft BGS*	*2 ft BGS*	*2 ft BGS*
		RUSCO	*Duplicate*		
Parameter	*Units*	*Criteria*			
3-Nitroaniline	µg/kg	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-
Acetophenone	µg/kg	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-
Atrazine	µg/kg	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-
Caprolactam	µg/kg	-	-	-	-
Carbazole	µg/kg	-	-	-	-
Chrysene	µg/kg	110000	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-
Fluorene	µg/kg	1000000	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 (N Sidewall in E Series Area)*	*B-7 (SE Sidewall in E Series Area)*	*B-7 (W Sidewall in E Series Area)*
Sample ID:			*S-011604-SD-006*	*S-011604-SD-003*	*S-011604-SD-001*
Sample Date:			*1/16/2004*	*1/16/2004*	*1/16/2004*
Sample Depth:			*2 ft BGS*	*2 ft BGS*	*2 ft BGS*
		RUSCO	*Duplicate*		
Parameter	*Units*	*Criteria*			
Isophorone	µg/kg	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-
Phenol	µg/kg	1000000	-	-	-
Pyrene	µg/kg	1000000	-	-	-
Metals					
Aluminum	µg/kg	-	-	-	-
Antimony	µg/kg	-	-	-	-
Arsenic	µg/kg	16000	-	-	-
Barium	µg/kg	10000000	-	-	-
Beryllium	µg/kg	2700000	-	-	-
Cadmium	µg/kg	60000	-	-	-
Calcium	µg/kg	-	-	-	-
Chromium	µg/kg	-	-	-	-
Cobalt	µg/kg	-	-	-	-
Copper	µg/kg	10000000	-	-	-
Iron	µg/kg	-	-	-	-
Lead	µg/kg	3900000	-	-	-
Magnesium	µg/kg	-	-	-	-
Manganese	µg/kg	10000000	-	-	-
Mercury	µg/kg	5700	-	-	-
Nickel	µg/kg	10000000	-	-	-
Potassium	µg/kg	-	-	-	-
Selenium	µg/kg	6800000	-	-	-
Silver	µg/kg	6800000	-	-	-
Sodium	µg/kg	-	-	-	-
Thallium	µg/kg	-	-	-	-
Vanadium	µg/kg	-	-	-	-
Zinc	µg/kg	10000000	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 (N Sidewall in E Series Area)*	*B-7 (SE Sidewall in E Series Area)*	*B-7 (W Sidewall in E Series Area)*
Sample ID:			*S-011604-SD-006*	*S-011604-SD-003*	*S-011604-SD-001*
Sample Date:			*1/16/2004*	*1/16/2004*	*1/16/2004*
Sample Depth:			*2 ft BGS*	*2 ft BGS*	*2 ft BGS*
		RUSCO	*Duplicate*		
Parameter	*Units*	*Criteria*			
PCBs					
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (620)	ND (690)	ND (11000)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (620)	ND (690)	ND (530)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (620)	ND (690)	ND (11000)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (620)	ND (690)	ND (11000)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (620)	ND (690)	ND (11000)
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (620)	ND (690)	120000
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (620)	1000 J	ND (11000)
Total PCBs	µg/kg	-	ND	1000	120000
Pesticides					
4,4'-DDD	µg/kg	180000	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-
Aldrin	µg/kg	1400	-	-	-
alpha-BHC	µg/kg	6800	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-
beta-BHC	µg/kg	14000	-	-	-
delta-BHC	µg/kg	1000000	-	-	-
Dieldrin	µg/kg	2800	-	-	-
Endosulfan I	µg/kg	920000	-	-	-
Endosulfan II	µg/kg	920000	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-
Endrin	µg/kg	410000	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-
Toxaphene	µg/kg	-	-	-	-
Petroleum Hydrocarbons					
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 (N Sidewall in E Series Area)*	*B-7 (SE Sidewall in E Series Area)*	*B-7 (W Sidewall in E Series Area)*
Sample ID:			*S-011604-SD-006*	*S-011604-SD-003*	*S-011604-SD-001*
Sample Date:			*1/16/2004*	*1/16/2004*	*1/16/2004*
Sample Depth:			*2 ft BGS*	*2 ft BGS*	*2 ft BGS*
		RUSCO	*Duplicate*		
Parameter	*Units*	*Criteria*			
General Chemistry					
Chemical oxygen demand (COD)	µg/kg	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-
Nitrogen	µg/kg	-	-	-	-
Oil and grease	µg/kg	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-
Percent moisture	%	-	-	-	-
pH	s.u.	-	-	-	-
pH (water)	s.u.	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-
Total solids	%	-	-	-	-
Total volatile solids	%	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits (Inorganics).

B - Method blank contamintion (Organics).

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 (W Sidewall in E Series Area)*	*B-7 (W Sidewall in E Series Area)*	*B-7 (F Series F-1 North Side)*	*B-7 G-1*
Sample ID:			*S-012204-SD-002*	*S-012204-SD-001*	*S-121703-SD-114*	*S-111803-SD-002*
Sample Date:			*1/22/2004*	*1/22/2004*	*12/17/2003*	*11/18/2003*
Sample Depth:			*2.5 ft BGS*	*3 ft BGS*	*2 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
Volatiles						
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-
Ethylbenzene	ug/kg	780000	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 (W Sidewall in E Series Area)*	*B-7 (W Sidewall in E Series Area)*	*B-7 (F Series F-1 North Side)*	*B-7 G-1*
Sample ID:			*S-012204-SD-002*	*S-012204-SD-001*	*S-121703-SD-114*	*S-111803-SD-002*
Sample Date:			*1/22/2004*	*1/22/2004*	*12/17/2003*	*11/18/2003*
Sample Depth:			*2.5 ft BGS*	*3 ft BGS*	*2 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
m&p-Xylenes	µg/kg	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 (W Sidewall in E Series Area)*	*B-7 (W Sidewall in E Series Area)*	*B-7 (F Series F-1 North Side)*	*B-7 G-1*
Sample ID:			*S-012204-SD-002*	*S-012204-SD-001*	*S-121703-SD-114*	*S-111803-SD-002*
Sample Date:			*1/22/2004*	*1/22/2004*	*12/17/2003*	*11/18/2003*
Sample Depth:			*2.5 ft BGS*	*3 ft BGS*	*2 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
3-Nitroaniline	µg/kg	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 (W Sidewall in E Series Area)*	*B-7 (W Sidewall in E Series Area)*	*B-7 (F Series F-1 North Side)*	*B-7 G-1*
Sample ID:			*S-012204-SD-002*	*S-012204-SD-001*	*S-121703-SD-114*	*S-111803-SD-002*
Sample Date:			*1/22/2004*	*1/22/2004*	*12/17/2003*	*11/18/2003*
Sample Depth:			*2.5 ft BGS*	*3 ft BGS*	*2 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
Isophorone	µg/kg	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-
Metals						
Aluminum	µg/kg	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-
Calcium	µg/kg	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-
Iron	µg/kg	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-
Potassium	µg/kg	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-
Sodium	µg/kg	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 (W Sidewall in E Series Area)*	*B-7 (W Sidewall in E Series Area)*	*B-7 (F Series F-1 North Side)*	*B-7 G-1*
Sample ID:			*S-012204-SD-002*	*S-012204-SD-001*	*S-121703-SD-114*	*S-111803-SD-002*
Sample Date:			*1/22/2004*	*1/22/2004*	*12/17/2003*	*11/18/2003*
Sample Depth:			*2.5 ft BGS*	*3 ft BGS*	*2 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
PCBs						
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (590)	ND (510)	ND (580)	ND (570) UJ
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (590)	ND (510)	ND (580)	ND (570)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (590)	ND (510)	ND (580)	ND (570) UJ
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (590)	ND (510)	ND (580)	ND (570) UJ
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (590)	ND (510)	ND (580)	6700
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (590)	390 J	ND (580)	ND (570) UJ
Aroclor-1260 (PCB-1260)	µg/kg	-	430 J	280 J	ND (580)	580
Total PCBs	µg/kg	-	430	670	ND	7280
Pesticides						
4,4'-DDD	µg/kg	180000	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-
Petroleum Hydrocarbons						
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 (W Sidewall in E Series Area)*	*B-7 (W Sidewall in E Series Area)*	*B-7 (F Series F-1 North Side)*	*B-7 G-1*
Sample ID:			*S-012204-SD-002*	*S-012204-SD-001*	*S-121703-SD-114*	*S-111803-SD-002*
Sample Date:			*1/22/2004*	*1/22/2004*	*12/17/2003*	*11/18/2003*
Sample Depth:			*2.5 ft BGS*	*3 ft BGS*	*2 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
General Chemistry						
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-
Percent moisture	%	-	-	-	-	-
pH	s.u.	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-
Total solids	%	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits (Inorganics).

B - Method blank contamintion (Organics).

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 G-2*	*B-7 G-3*	*B-7 G-4*	*B-7 G-5*	*B-7 G-6*	*B-7 G-7*	*B-7 G-8*
Sample ID:			*S-111803-SD-004*	*S-111803-SD-006*	*S-111803-SD-008*	*S-111803-SD-010*	*S-111803-SD-012*	*S-111803-SD-014*	*S-111803-SD-016*
Sample Date:			*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*
Sample Depth:			*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							
Volatiles									
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-	-
Ethylbenzene	ug/kg	780000	-	-	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 G-2*	*B-7 G-3*	*B-7 G-4*	*B-7 G-5*	*B-7 G-6*	*B-7 G-7*	*B-7 G-8*
Sample ID:			*S-111803-SD-004*	*S-111803-SD-006*	*S-111803-SD-008*	*S-111803-SD-010*	*S-111803-SD-012*	*S-111803-SD-014*	*S-111803-SD-016*
Sample Date:			*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*
Sample Depth:			*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							
m&p-Xylenes	µg/kg	-	-	-	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-	-	-
Semi-Volatiles									
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 G-2*	*B-7 G-3*	*B-7 G-4*	*B-7 G-5*	*B-7 G-6*	*B-7 G-7*	*B-7 G-8*
Sample ID:			*S-111803-SD-004*	*S-111803-SD-006*	*S-111803-SD-008*	*S-111803-SD-010*	*S-111803-SD-012*	*S-111803-SD-014*	*S-111803-SD-016*
Sample Date:			*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*
Sample Depth:			*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							
3-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 G-2*	*B-7 G-3*	*B-7 G-4*	*B-7 G-5*	*B-7 G-6*	*B-7 G-7*	*B-7 G-8*
Sample ID:			*S-111803-SD-004*	*S-111803-SD-006*	*S-111803-SD-008*	*S-111803-SD-010*	*S-111803-SD-012*	*S-111803-SD-014*	*S-111803-SD-016*
Sample Date:			*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*
Sample Depth:			*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							
Isophorone	µg/kg	-	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-	-	-
Metals									
Aluminum	µg/kg	-	-	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 G-2*	*B-7 G-3*	*B-7 G-4*	*B-7 G-5*	*B-7 G-6*	*B-7 G-7*	*B-7 G-8*
Sample ID:			*S-111803-SD-004*	*S-111803-SD-006*	*S-111803-SD-008*	*S-111803-SD-010*	*S-111803-SD-012*	*S-111803-SD-014*	*S-111803-SD-016*
Sample Date:			*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*
Sample Depth:			*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							
PCBs									
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (580)	ND (550) UJ	ND (2900)	ND (530) UJ	ND (550) UJ	ND (590)	ND (590)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (580)	ND (550)	ND (580)	ND (530)	ND (550)	ND (590)	ND (590)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (580)	ND (550) UJ	ND (2900)	ND (530) UJ	ND (550) UJ	ND (12000)	ND (5900)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (580)	ND (550) UJ	ND (2900)	ND (530) UJ	ND (550) UJ	ND (590)	ND (590)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (580)	1600	20000	920	3700	ND (12000)	ND (5900)
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (580)	ND (550)	ND (2900)	ND (530) UJ	2400 J	83000	56000
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (580)	ND (550)	2900	800	1800 J	ND (12000)	ND (5900)
Total PCBs	µg/kg	-	ND	1600	22900	1720	7900	83000	56000
Pesticides									
4,4'-DDD	µg/kg	180000	-	-	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-	-	-
Petroleum Hydrocarbons									
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 G-2*	*B-7 G-3*	*B-7 G-4*	*B-7 G-5*	*B-7 G-6*	*B-7 G-7*	*B-7 G-8*
Sample ID:			*S-111803-SD-004*	*S-111803-SD-006*	*S-111803-SD-008*	*S-111803-SD-010*	*S-111803-SD-012*	*S-111803-SD-014*	*S-111803-SD-016*
Sample Date:			*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*
Sample Depth:			*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							
General Chemistry									
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits (Inorganics).

B - Method blank contamintion (Organics).

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 G-9*	*B-7 G-10*	*B-7 G-10*	*B-7 G-11*	*B-7 G-12*	*B-7 G-13*	*B-7 G-14*
Sample ID:			*S-111803-SD-018*	*S-111803-SD-020*	*S-111803-SD-025*	*S-111803-SD-022*	*S-111803-SD-024*	*S-111803-SD-027*	*S-111803-SD-030*
Sample Date:			*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*
Sample Depth:			*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*
		RUSCO			*Duplicate*				
Parameter	*Units*	*Criteria*							
Volatiles									
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-	-
Ethylbenzene	ug/kg	780000	-	-	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 G-9*	*B-7 G-10*	*B-7 G-10*	*B-7 G-11*	*B-7 G-12*	*B-7 G-13*	*B-7 G-14*
Sample ID:			*S-111803-SD-018*	*S-111803-SD-020*	*S-111803-SD-025*	*S-111803-SD-022*	*S-111803-SD-024*	*S-111803-SD-027*	*S-111803-SD-030*
Sample Date:			*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*
Sample Depth:			*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*
		RUSCO			*Duplicate*				
Parameter	*Units*	*Criteria*							
m&p-Xylenes	µg/kg	-	-	-	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-	-	-
Semi-Volatiles									
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 G-9*	*B-7 G-10*	*B-7 G-10*	*B-7 G-11*	*B-7 G-12*	*B-7 G-13*	*B-7 G-14*
Sample ID:			*S-111803-SD-018*	*S-111803-SD-020*	*S-111803-SD-025*	*S-111803-SD-022*	*S-111803-SD-024*	*S-111803-SD-027*	*S-111803-SD-030*
Sample Date:			*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*
Sample Depth:			*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*
		RUSCO			*Duplicate*				
Parameter	*Units*	*Criteria*							
3-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 G-9*	*B-7 G-10*	*B-7 G-10*	*B-7 G-11*	*B-7 G-12*	*B-7 G-13*	*B-7 G-14*
Sample ID:			*S-111803-SD-018*	*S-111803-SD-020*	*S-111803-SD-025*	*S-111803-SD-022*	*S-111803-SD-024*	*S-111803-SD-027*	*S-111803-SD-030*
Sample Date:			*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*
Sample Depth:			*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*
		RUSCO			*Duplicate*				
Parameter	*Units*	*Criteria*							
Isophorone	µg/kg	-	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-	-	-
Metals									
Aluminum	µg/kg	-	-	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 G-9*	*B-7 G-10*	*B-7 G-10*	*B-7 G-11*	*B-7 G-12*	*B-7 G-13*	*B-7 G-14*
Sample ID:			*S-111803-SD-018*	*S-111803-SD-020*	*S-111803-SD-025*	*S-111803-SD-022*	*S-111803-SD-024*	*S-111803-SD-027*	*S-111803-SD-030*
Sample Date:			*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*
Sample Depth:			*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*
		RUSCO			*Duplicate*				
Parameter	*Units*	*Criteria*							
PCBs									
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (600)	ND (590)	ND (590)	ND (580)	ND (30000)	ND (590)	ND (580)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (600)	ND (590)	ND (590)	ND (580)	ND (600)	ND (590)	ND (580)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (3000)	ND (3000)	ND (3000)	ND (2900)	ND (30000)	ND (3000)	ND (5800)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (600)	ND (590)	ND (590)	ND (580)	ND (30000)	ND (590)	ND (580)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (600)	ND (590)	ND (590)	ND (580)	ND (30000)	ND (590)	ND (5800)
Aroclor-1254 (PCB-1254)	µg/kg	-	22000	20000	22000	22000	280000	20000	59000
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (3000)	ND (3000)	ND (3000)	ND (2900)	ND (30000)	ND (3000)	ND (5800)
Total PCBs	µg/kg	-	22000	20000	22000	22000	280000	20000	59000
Pesticides									
4,4'-DDD	µg/kg	180000	-	-	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-	-	-
Petroleum Hydrocarbons									
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 G-9*	*B-7 G-10*	*B-7 G-10*	*B-7 G-11*	*B-7 G-12*	*B-7 G-13*	*B-7 G-14*
Sample ID:			*S-111803-SD-018*	*S-111803-SD-020*	*S-111803-SD-025*	*S-111803-SD-022*	*S-111803-SD-024*	*S-111803-SD-027*	*S-111803-SD-030*
Sample Date:			*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*	*11/18/2003*
Sample Depth:			*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*
		RUSCO			*Duplicate*				
Parameter	*Units*	*Criteria*							
General Chemistry									
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits (Inorganics).

B - Method blank contamintion (Organics).

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 G-15*	*B-7 H-2 (8 ft N of F12)*	*B-7 H-2 (8 ft N of F12)*	*B-7 H-3 (3 ft S of F12)*	*B-7 H-3 (3 ft S of F12)*
Sample ID:			*S-111803-SD-032*	*S-112003-SD-008*	*S-112003-SD-010*	*S-112003-SD-002*	*S-112003-SD-011*
Sample Date:			*11/18/2003*	*11/20/2003*	*11/20/2003*	*11/20/2003*	*11/20/2003*
Sample Depth:			*2-4 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	ug/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 G-15*	*B-7 H-2 (8 ft N of F12)*	*B-7 H-2 (8 ft N of F12)*	*B-7 H-3 (3 ft S of F12)*	*B-7 H-3 (3 ft S of F12)*
Sample ID:			*S-111803-SD-032*	*S-112003-SD-008*	*S-112003-SD-010*	*S-112003-SD-002*	*S-112003-SD-011*
Sample Date:			*11/18/2003*	*11/20/2003*	*11/20/2003*	*11/20/2003*	*11/20/2003*
Sample Depth:			*2-4 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
m&p-Xylenes	µg/kg	-	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 G-15*	*B-7 H-2 (8 ft N of F12)*	*B-7 H-2 (8 ft N of F12)*	*B-7 H-3 (3 ft S of F12)*	*B-7 H-3 (3 ft S of F12)*
Sample ID:			*S-111803-SD-032*	*S-112003-SD-008*	*S-112003-SD-010*	*S-112003-SD-002*	*S-112003-SD-011*
Sample Date:			*11/18/2003*	*11/20/2003*	*11/20/2003*	*11/20/2003*	*11/20/2003*
Sample Depth:			*2-4 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
3-Nitroaniline	µg/kg	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 G-15*	*B-7 H-2 (8 ft N of F12)*	*B-7 H-2 (8 ft N of F12)*	*B-7 H-3 (3 ft S of F12)*	*B-7 H-3 (3 ft S of F12)*
Sample ID:			*S-111803-SD-032*	*S-112003-SD-008*	*S-112003-SD-010*	*S-112003-SD-002*	*S-112003-SD-011*
Sample Date:			*11/18/2003*	*11/20/2003*	*11/20/2003*	*11/20/2003*	*11/20/2003*
Sample Depth:			*2-4 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Isophorone	µg/kg	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-
Metals							
Aluminum	µg/kg	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 G-15*	*B-7 H-2 (8 ft N of F12)*	*B-7 H-2 (8 ft N of F12)*	*B-7 H-3 (3 ft S of F12)*	*B-7 H-3 (3 ft S of F12)*
Sample ID:			*S-111803-SD-032*	*S-112003-SD-008*	*S-112003-SD-010*	*S-112003-SD-002*	*S-112003-SD-011*
Sample Date:			*11/18/2003*	*11/20/2003*	*11/20/2003*	*11/20/2003*	*11/20/2003*
Sample Depth:			*2-4 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (2900)	ND (600) UJ	ND (6700)	ND (570)	ND (6200)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (580)	ND (600)	ND (670)	ND (570)	ND (620)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (2900)	ND (600) UJ	ND (6700)	ND (570)	ND (6200)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (2900)	ND (600) UJ	ND (6700)	ND (570)	ND (6200)
Aroclor-1248 (PCB-1248)	µg/kg	-	25000	800	49000	ND (570)	14000 J
Aroclor-1254 (PCB-1254)	µg/kg	-	20000	2000	4000 J	490 J	3900 J
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (2900)	ND (600)	2200 J	ND (570)	2200 J
Total PCBs	µg/kg	-	45000	2800	55200	490	20100
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 G-15*	*B-7 H-2 (8 ft N of F12)*	*B-7 H-2 (8 ft N of F12)*	*B-7 H-3 (3 ft S of F12)*	*B-7 H-3 (3 ft S of F12)*
Sample ID:			*S-111803-SD-032*	*S-112003-SD-008*	*S-112003-SD-010*	*S-112003-SD-002*	*S-112003-SD-011*
Sample Date:			*11/18/2003*	*11/20/2003*	*11/20/2003*	*11/20/2003*	*11/20/2003*
Sample Depth:			*2-4 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits (Inorganics).

B - Method blank contamintion (Organics).

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 H-3 (3 ft S of F12)*	*B-7 H-1 (3 ft N of F12)*	*B-7 H-4 (8 ft S of F12)*	*B-7 H-1 (3 ft N of F12)*
Sample ID:			*S-112003-SD-012*	*S-112003-SD-006*	*S-112003-SD-004*	*S-112003-SD-009*
Sample Date:			*11/20/2003*	*11/20/2003*	*11/20/2003*	*11/20/2003*
Sample Depth:			*4-6 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*
		RUSCO	*Duplicate*			
Parameter	*Units*	*Criteria*				
Volatiles						
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-
Ethylbenzene	ug/kg	780000	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 H-3 (3 ft S of F12)*	*B-7 H-1 (3 ft N of F12)*	*B-7 H-4 (8 ft S of F12)*	*B-7 H-1 (3 ft N of F12)*
Sample ID:			*S-112003-SD-012*	*S-112003-SD-006*	*S-112003-SD-004*	*S-112003-SD-009*
Sample Date:			*11/20/2003*	*11/20/2003*	*11/20/2003*	*11/20/2003*
Sample Depth:			*4-6 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*
		RUSCO	*Duplicate*			
Parameter	*Units*	*Criteria*				
m&p-Xylenes	µg/kg	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 H-3 (3 ft S of F12)*	*B-7 H-1 (3 ft N of F12)*	*B-7 H-4 (8 ft S of F12)*	*B-7 H-1 (3 ft N of F12)*
Sample ID:			*S-112003-SD-012*	*S-112003-SD-006*	*S-112003-SD-004*	*S-112003-SD-009*
Sample Date:			*11/20/2003*	*11/20/2003*	*11/20/2003*	*11/20/2003*
Sample Depth:			*4-6 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*
		RUSCO	*Duplicate*			
Parameter	*Units*	*Criteria*				
3-Nitroaniline	µg/kg	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 H-3 (3 ft S of F12)*	*B-7 H-1 (3 ft N of F12)*	*B-7 H-4 (8 ft S of F12)*	*B-7 H-1 (3 ft N of F12)*
Sample ID:			*S-112003-SD-012*	*S-112003-SD-006*	*S-112003-SD-004*	*S-112003-SD-009*
Sample Date:			*11/20/2003*	*11/20/2003*	*11/20/2003*	*11/20/2003*
Sample Depth:			*4-6 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*
		RUSCO	*Duplicate*			
Parameter	*Units*	*Criteria*				
Isophorone	µg/kg	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-
Metals						
Aluminum	µg/kg	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-
Calcium	µg/kg	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-
Iron	µg/kg	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-
Potassium	µg/kg	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-
Sodium	µg/kg	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 H-3 (3 ft S of F12)*	*B-7 H-1 (3 ft N of F12)*	*B-7 H-4 (8 ft S of F12)*	*B-7 H-1 (3 ft N of F12)*
Sample ID:			*S-112003-SD-012*	*S-112003-SD-006*	*S-112003-SD-004*	*S-112003-SD-009*
Sample Date:			*11/20/2003*	*11/20/2003*	*11/20/2003*	*11/20/2003*
Sample Depth:			*4-6 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*
		RUSCO	*Duplicate*			
Parameter	*Units*	*Criteria*				
PCBs						
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (750) UJ	ND (600) UJ	ND (610) UJ	ND (6900)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (750)	ND (600)	ND (610)	ND (690)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (750) UJ	ND (600) UJ	ND (610) UJ	ND (6900)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (750) UJ	ND (600) UJ	ND (610) UJ	ND (6900)
Aroclor-1248 (PCB-1248)	µg/kg	-	4900 J	640	370 J	89000
Aroclor-1254 (PCB-1254)	µg/kg	-	4000 J	3200	1200	7500 J
Aroclor-1260 (PCB-1260)	µg/kg	-	3100 J	ND (600)	ND (610)	3100 J
Total PCBs	µg/kg	-	12000	3840	1570	99600
Pesticides						
4,4'-DDD	µg/kg	180000	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-
Petroleum Hydrocarbons						
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 H-3 (3 ft S of F12)*	*B-7 H-1 (3 ft N of F12)*	*B-7 H-4 (8 ft S of F12)*	*B-7 H-1 (3 ft N of F12)*
Sample ID:			*S-112003-SD-012*	*S-112003-SD-006*	*S-112003-SD-004*	*S-112003-SD-009*
Sample Date:			*11/20/2003*	*11/20/2003*	*11/20/2003*	*11/20/2003*
Sample Depth:			*4-6 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*
		RUSCO	*Duplicate*			
Parameter	*Units*	*Criteria*				
General Chemistry						
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-
Percent moisture	%	-	-	-	-	-
pH	s.u.	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-
Total solids	%	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits (Inorganics).

B - Method blank contamintion (Organics).

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 H-4 (8 ft S of F12)*	*B-7 H-5 (3 ft W of F12)*	*B-7 H-5 (3 ft W of F12)*	*B-7 H-7 (3 ft E of F12)*
Sample ID:			*S-112003-SD-013*	*S-112003-SD-022*	*S-112003-SD-023*	*S-112003-SD-015*
Sample Date:			*11/20/2003*	*11/20/2003*	*11/20/2003*	*11/20/2003*
Sample Depth:			*4-6 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
Volatiles						
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-
Ethylbenzene	ug/kg	780000	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 H-4 (8 ft S of F12)*	*B-7 H-5 (3 ft W of F12)*	*B-7 H-5 (3 ft W of F12)*	*B-7 H-7 (3 ft E of F12)*
Sample ID:			*S-112003-SD-013*	*S-112003-SD-022*	*S-112003-SD-023*	*S-112003-SD-015*
Sample Date:			*11/20/2003*	*11/20/2003*	*11/20/2003*	*11/20/2003*
Sample Depth:			*4-6 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
m&p-Xylenes	µg/kg	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 H-4 (8 ft S of F12)*	*B-7 H-5 (3 ft W of F12)*	*B-7 H-5 (3 ft W of F12)*	*B-7 H-7 (3 ft E of F12)*
Sample ID:			*S-112003-SD-013*	*S-112003-SD-022*	*S-112003-SD-023*	*S-112003-SD-015*
Sample Date:			*11/20/2003*	*11/20/2003*	*11/20/2003*	*11/20/2003*
Sample Depth:			*4-6 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
3-Nitroaniline	µg/kg	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 H-4 (8 ft S of F12)*	*B-7 H-5 (3 ft W of F12)*	*B-7 H-5 (3 ft W of F12)*	*B-7 H-7 (3 ft E of F12)*
Sample ID:			*S-112003-SD-013*	*S-112003-SD-022*	*S-112003-SD-023*	*S-112003-SD-015*
Sample Date:			*11/20/2003*	*11/20/2003*	*11/20/2003*	*11/20/2003*
Sample Depth:			*4-6 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
Isophorone	µg/kg	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-
Metals						
Aluminum	µg/kg	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-
Calcium	µg/kg	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-
Iron	µg/kg	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-
Potassium	µg/kg	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-
Sodium	µg/kg	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 H-4 (8 ft S of F12)*	*B-7 H-5 (3 ft W of F12)*	*B-7 H-5 (3 ft W of F12)*	*B-7 H-7 (3 ft E of F12)*
Sample ID:			*S-112003-SD-013*	*S-112003-SD-022*	*S-112003-SD-023*	*S-112003-SD-015*
Sample Date:			*11/20/2003*	*11/20/2003*	*11/20/2003*	*11/20/2003*
Sample Depth:			*4-6 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
PCBs						
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (580)	ND (580) UJ	ND (630) UJ	ND (590) UJ
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (580)	ND (580)	ND (630)	ND (590)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (580)	ND (580) UJ	ND (630) UJ	ND (590) UJ
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (580)	ND (580) UJ	ND (630) UJ	ND (590) UJ
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (580)	630	3900	2000
Aroclor-1254 (PCB-1254)	µg/kg	-	6200	1200	2800 J	1700 J
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (580) UJ	ND (580)	770 J	370 J
Total PCBs	µg/kg	-	6200	1830	7470	4070
Pesticides						
4,4'-DDD	µg/kg	180000	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-
Petroleum Hydrocarbons						
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 H-4 (8 ft S of F12)*	*B-7 H-5 (3 ft W of F12)*	*B-7 H-5 (3 ft W of F12)*	*B-7 H-7 (3 ft E of F12)*
Sample ID:			*S-112003-SD-013*	*S-112003-SD-022*	*S-112003-SD-023*	*S-112003-SD-015*
Sample Date:			*11/20/2003*	*11/20/2003*	*11/20/2003*	*11/20/2003*
Sample Depth:			*4-6 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
General Chemistry						
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-
Percent moisture	%	-	-	-	-	-
pH	s.u.	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-
Total solids	%	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits (Inorganics).

B - Method blank contamintion (Organics).

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 H-7 (3 ft E of F12)*	*B-7 H-7 (3 ft E of F12)*	*B-7 H-8 (8 ft E of F12)*	*B-7 H-8 (8 ft E of F12)*	*BH3-99*
Sample ID:			*S-112003-SD-016*	*S-112003-SD-017*	*S-112003-SD-019*	*S-112003-SD-020*	*S-JRR-053*
Sample Date:			*11/20/2003*	*11/20/2003*	*11/20/2003*	*11/20/2003*	*8/5/1999*
Sample Depth:			*4-6 ft BGS*	*4-6 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*2-4 ft BGS*
		RUSCO		*Duplicate*			
Parameter	*Units*	*Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	ND (11)
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	ND (11)
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	ND (11)
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	ND (11)
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	ND (11)
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	ND (11)
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	ND (11)
1,2-Dichloropropane	µg/kg	-	-	-	-	-	ND (11)
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	ND (11)
2-Hexanone	µg/kg	-	-	-	-	-	ND (11)
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	ND (11)
Acetone	µg/kg	1000000	-	-	-	-	ND (11)
Benzene	µg/kg	89000	-	-	-	-	ND (11)
Bromodichloromethane	µg/kg	-	-	-	-	-	ND (11)
Bromoform	µg/kg	-	-	-	-	-	ND (11)
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	ND (11)
Carbon disulfide	µg/kg	-	-	-	-	-	ND (11)
Carbon tetrachloride	µg/kg	44000	-	-	-	-	ND (11)
Chlorobenzene	µg/kg	1000000	-	-	-	-	ND (11)
Chloroethane	µg/kg	-	-	-	-	-	ND (11)
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	ND (11)
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	ND (11)
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	ND (11)
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	ND (11)
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	ug/kg	780000	-	-	-	-	ND (11)
Isopropyl benzene	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 H-7 (3 ft E of F12)*	*B-7 H-7 (3 ft E of F12)*	*B-7 H-8 (8 ft E of F12)*	*B-7 H-8 (8 ft E of F12)*	*BH3-99*
Sample ID:			*S-112003-SD-016*	*S-112003-SD-017*	*S-112003-SD-019*	*S-112003-SD-020*	*S-JRR-053*
Sample Date:			*11/20/2003*	*11/20/2003*	*11/20/2003*	*11/20/2003*	*8/5/1999*
Sample Depth:			*4-6 ft BGS*	*4-6 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*2-4 ft BGS*
		RUSCO		*Duplicate*			
Parameter	*Units*	*Criteria*					
m&p-Xylenes	µg/kg	-	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	ND (11)
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	ND (11)
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	ND (11)
Toluene	µg/kg	1000000	-	-	-	-	ND (11)
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	ND (11)
Trichloroethene	µg/kg	400000	-	-	-	-	ND (11)
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	ND (11)
Xylenes (total)	µg/kg	1000000	-	-	-	-	ND (11)
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	ND (380)
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	ND (380)
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	ND (380)
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	ND (380)
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	ND (380)
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	ND (950)
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	ND (380)
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	ND (380)
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	ND (380)
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	ND (950)
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	ND (380)
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	ND (380)
2-Chloronaphthalene	µg/kg	-	-	-	-	-	ND (380)
2-Chlorophenol	µg/kg	-	-	-	-	-	ND (380)
2-Methylnaphthalene	µg/kg	-	-	-	-	-	180 J
2-Methylphenol	µg/kg	1000000	-	-	-	-	ND (380)
2-Nitroaniline	µg/kg	-	-	-	-	-	ND (950)
2-Nitrophenol	µg/kg	-	-	-	-	-	ND (380)
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	ND (380)

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 H-7 (3 ft E of F12)*	*B-7 H-7 (3 ft E of F12)*	*B-7 H-8 (8 ft E of F12)*	*B-7 H-8 (8 ft E of F12)*	*BH3-99*
Sample ID:			*S-112003-SD-016*	*S-112003-SD-017*	*S-112003-SD-019*	*S-112003-SD-020*	*S-JRR-053*
Sample Date:			*11/20/2003*	*11/20/2003*	*11/20/2003*	*11/20/2003*	*8/5/1999*
Sample Depth:			*4-6 ft BGS*	*4-6 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*2-4 ft BGS*
		RUSCO		*Duplicate*			
Parameter	*Units*	*Criteria*					
3-Nitroaniline	µg/kg	-	-	-	-	-	ND (950)
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	ND (950)
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	ND (380)
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	ND (380)
4-Chloroaniline	µg/kg	-	-	-	-	-	ND (380)
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	ND (380)
4-Methylphenol	µg/kg	1000000	-	-	-	-	ND (380)
4-Nitroaniline	µg/kg	-	-	-	-	-	ND (950)
4-Nitrophenol	µg/kg	-	-	-	-	-	ND (950)
Acenaphthene	µg/kg	1000000	-	-	-	-	51 J
Acenaphthylene	µg/kg	1000000	-	-	-	-	ND (380)
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	140 J
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	680
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	550
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	540
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	370 J
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	490
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	ND (380)
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	ND (380)
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	ND (380)
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	ND (380)
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	44 J
Chrysene	µg/kg	110000	-	-	-	-	840 J
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	160 J
Dibenzofuran	µg/kg	1000000	-	-	-	-	43 J
Diethyl phthalate	µg/kg	-	-	-	-	-	ND (380)
Dimethyl phthalate	µg/kg	-	-	-	-	-	ND (380)
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	ND (380)
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	ND (380)
Fluoranthene	µg/kg	1000000	-	-	-	-	1200 J
Fluorene	µg/kg	1000000	-	-	-	-	ND (380)
Hexachlorobenzene	µg/kg	12000	-	-	-	-	ND (380)
Hexachlorobutadiene	µg/kg	-	-	-	-	-	ND (380)
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	ND (380)
Hexachloroethane	µg/kg	-	-	-	-	-	ND (380)
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	320 J

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 H-7 (3 ft E of F12)*	*B-7 H-7 (3 ft E of F12)*	*B-7 H-8 (8 ft E of F12)*	*B-7 H-8 (8 ft E of F12)*	*BH3-99*
Sample ID:			*S-112003-SD-016*	*S-112003-SD-017*	*S-112003-SD-019*	*S-112003-SD-020*	*S-JRR-053*
Sample Date:			*11/20/2003*	*11/20/2003*	*11/20/2003*	*11/20/2003*	*8/5/1999*
Sample Depth:			*4-6 ft BGS*	*4-6 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*2-4 ft BGS*
		RUSCO		*Duplicate*			
Parameter	*Units*	*Criteria*					
Isophorone	µg/kg	-	-	-	-	-	ND (380)
Naphthalene	µg/kg	1000000	-	-	-	-	90 J
Nitrobenzene	µg/kg	140000	-	-	-	-	ND (380)
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	ND (380)
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	ND (380)
Pentachlorophenol	µg/kg	55000	-	-	-	-	ND (950)
Phenanthrene	µg/kg	1000000	-	-	-	-	940 J
Phenol	µg/kg	1000000	-	-	-	-	ND (380)
Pyrene	µg/kg	1000000	-	-	-	-	1400 J
Metals							
Aluminum	µg/kg	-	-	-	-	-	8110000 J
Antimony	µg/kg	-	-	-	-	-	7300 J
Arsenic	µg/kg	16000	-	-	-	-	**27100 J**
Barium	µg/kg	10000000	-	-	-	-	57600 J
Beryllium	µg/kg	2700000	-	-	-	-	470
Cadmium	µg/kg	60000	-	-	-	-	95
Calcium	µg/kg	-	-	-	-	-	2100000 J
Chromium	µg/kg	-	-	-	-	-	16000
Cobalt	µg/kg	-	-	-	-	-	23400 J
Copper	µg/kg	10000000	-	-	-	-	2960000 J
Iron	µg/kg	-	-	-	-	-	23000000 J
Lead	µg/kg	3900000	-	-	-	-	265000 J
Magnesium	µg/kg	-	-	-	-	-	2070000
Manganese	µg/kg	10000000	-	-	-	-	355000 J
Mercury	µg/kg	5700	-	-	-	-	260 J
Nickel	µg/kg	10000000	-	-	-	-	1950000 J
Potassium	µg/kg	-	-	-	-	-	848000 J
Selenium	µg/kg	6800000	-	-	-	-	10600
Silver	µg/kg	6800000	-	-	-	-	15900 J
Sodium	µg/kg	-	-	-	-	-	83900 J
Thallium	µg/kg	-	-	-	-	-	1800
Vanadium	µg/kg	-	-	-	-	-	26000
Zinc	µg/kg	10000000	-	-	-	-	179000 J

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 H-7 (3 ft E of F12)*	*B-7 H-7 (3 ft E of F12)*	*B-7 H-8 (8 ft E of F12)*	*B-7 H-8 (8 ft E of F12)*	*BH3-99*
Sample ID:			*S-112003-SD-016*	*S-112003-SD-017*	*S-112003-SD-019*	*S-112003-SD-020*	*S-JRR-053*
Sample Date:			*11/20/2003*	*11/20/2003*	*11/20/2003*	*11/20/2003*	*8/5/1999*
Sample Depth:			*4-6 ft BGS*	*4-6 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*2-4 ft BGS*
		RUSCO		*Duplicate*			
Parameter	*Units*	*Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (6300)	ND (650) UJ	ND (570)	ND (660) UJ	ND (38)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (630)	ND (650)	ND (570)	ND (660)	ND (76)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (6300)	ND (650) UJ	ND (570)	ND (660) UJ	ND (38)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (6300)	ND (650) UJ	ND (570)	ND (660) UJ	ND (38)
Aroclor-1248 (PCB-1248)	µg/kg	-	55000 J	1100 J	350 J	2000	ND (38)
Aroclor-1254 (PCB-1254)	µg/kg	-	6800 J	2200 J	ND (570)	2500 J	ND (38)
Aroclor-1260 (PCB-1260)	µg/kg	-	2600 J	ND (650)	ND (570)	530 J	ND (38)
Total PCBs	µg/kg	-	64400	3300	350	5030	ND
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	ND (3.8)
4,4'-DDE	µg/kg	120000	-	-	-	-	ND (3.8)
4,4'-DDT	µg/kg	94000	-	-	-	-	ND (3.8)
Aldrin	µg/kg	1400	-	-	-	-	ND (1.9)
alpha-BHC	µg/kg	6800	-	-	-	-	ND (1.9)
alpha-Chlordane	µg/kg	47000	-	-	-	-	ND (1.9)
beta-BHC	µg/kg	14000	-	-	-	-	ND (1.9)
delta-BHC	µg/kg	1000000	-	-	-	-	ND (1.9)
Dieldrin	µg/kg	2800	-	-	-	-	ND (3.8)
Endosulfan I	µg/kg	920000	-	-	-	-	ND (1.9)
Endosulfan II	µg/kg	920000	-	-	-	-	ND (3.8)
Endosulfan sulfate	µg/kg	920000	-	-	-	-	ND (3.8)
Endrin	µg/kg	410000	-	-	-	-	ND (3.8)
Endrin aldehyde	µg/kg	-	-	-	-	-	ND (3.8)
Endrin ketone	µg/kg	-	-	-	-	-	9.5 J
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	ND (1.9)
gamma-Chlordane	µg/kg	-	-	-	-	-	ND (1.9)
Heptachlor	µg/kg	29000	-	-	-	-	ND (1.9)
Heptachlor epoxide	µg/kg	-	-	-	-	-	ND (1.9)
Methoxychlor	µg/kg	-	-	-	-	-	ND (19)
Toxaphene	µg/kg	-	-	-	-	-	ND (190)
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*B-7 H-7 (3 ft E of F12)*	*B-7 H-7 (3 ft E of F12)*	*B-7 H-8 (8 ft E of F12)*	*B-7 H-8 (8 ft E of F12)*	*BH3-99*
Sample ID:			*S-112003-SD-016*	*S-112003-SD-017*	*S-112003-SD-019*	*S-112003-SD-020*	*S-JRR-053*
Sample Date:			*11/20/2003*	*11/20/2003*	*11/20/2003*	*11/20/2003*	*8/5/1999*
Sample Depth:			*4-6 ft BGS*	*4-6 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*2-4 ft BGS*
		RUSCO		*Duplicate*			
Parameter	*Units*	*Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	ND (570)
N-Hexane extractable material	µg/kg	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits (Inorganics).

B - Method blank contamintion (Organics).

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*BH3-99*	*BH3-99*	*BH3-99*	*BH4-99*	*BH4-99*	*BH5-99*	*BH5-99*	*BH6-99*	*BH6-99*
Sample ID:			*S-JRR-055*	*S-JRR-054*	*S-JRR-056*	*S-JRR-050*	*S-JRR-051*	*S-JRR-047*	*S-JRR-048*	*S-JRR-043*	*S-JRR-044*
Sample Date:			*8/5/1999*	*8/5/1999*	*8/5/1999*	*8/5/1999*	*8/5/1999*	*8/5/1999*	*8/5/1999*	*8/5/1999*	*8/5/1999*
Sample Depth:			*2-4 ft BGS*	*8-10 ft BGS*	*8-10 ft BGS*	*2-4 ft BGS*	*8-10 ft BGS*	*3-5 ft BGS*	*9-11 ft BGS*	*5-7 ft BGS*	*8-10 ft BGS*
		RUSCO	*Duplicate*		*Duplicate*						
Parameter	*Units*	*Criteria*									
Volatiles											
1,1,1-Trichloroethane	µg/kg	1000000	ND (12)	ND (11)	ND (11)	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (12)
1,1,2,2-Tetrachloroethane	µg/kg	-	ND (12)	ND (11)	ND (11)	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (12)
1,1,2-Trichloroethane	µg/kg	-	ND (12)	ND (11)	ND (11)	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (12)
1,1-Dichloroethane	µg/kg	480000	ND (12)	ND (11)	ND (11)	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (12)
1,1-Dichloroethene	µg/kg	1000000	ND (12)	ND (11)	ND (11)	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (12)
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	ND (12)	ND (11)	ND (11)	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (12)
1,2-Dichloroethene (total)	µg/kg	-	ND (12)	ND (11)	ND (11)	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (12)
1,2-Dichloropropane	µg/kg	-	ND (12)	ND (11)	ND (11)	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (12)
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	ND (12)	5 J	ND (11)	4 J	ND (11)	ND (11)	ND (12)	ND (11)	ND (12)
2-Hexanone	µg/kg	-	ND (12)	ND (11)	ND (11)	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (12)
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	ND (12)	ND (11)	ND (11)	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (12)
Acetone	µg/kg	1000000	ND (12)	15 J	6 J	14	8 J	ND (11)	8 J	7 J	5 J
Benzene	µg/kg	89000	ND (12)	ND (11)	ND (11)	1 J	ND (11)	ND (11)	ND (12)	ND (11)	ND (12)
Bromodichloromethane	µg/kg	-	ND (12)	ND (11)	ND (11)	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (12)
Bromoform	µg/kg	-	ND (12)	ND (11)	ND (11)	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (12)
Bromomethane (Methyl bromide)	µg/kg	-	ND (12)	ND (11)	ND (11)	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (12)
Carbon disulfide	µg/kg	-	ND (12)	14 J	3 J	5 J	3 J	ND (11)	2 J	ND (11)	3 J
Carbon tetrachloride	µg/kg	44000	ND (12)	ND (11)	ND (11)	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (12)
Chlorobenzene	µg/kg	1000000	ND (12)	ND (11)	ND (11)	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (12)
Chloroethane	µg/kg	-	ND (12)	ND (11)	ND (11)	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (12)
Chloroform (Trichloromethane)	µg/kg	700000	ND (12)	ND (11)	ND (11)	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (12)
Chloromethane (Methyl chloride)	µg/kg	-	ND (12)	ND (11)	ND (11)	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (12)
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	ND (12)	ND (11)	ND (11)	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (12)
Cyclohexane	µg/kg	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	ND (12)	ND (11)	ND (11)	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (12)
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	ug/kg	780000	1 J	7 J	ND (11)	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	3 J
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*BH3-99*	*BH3-99*	*BH3-99*	*BH4-99*	*BH4-99*	*BH5-99*	*BH5-99*	*BH6-99*	*BH6-99*
Sample ID:			*S-JRR-055*	*S-JRR-054*	*S-JRR-056*	*S-JRR-050*	*S-JRR-051*	*S-JRR-047*	*S-JRR-048*	*S-JRR-043*	*S-JRR-044*
Sample Date:			*8/5/1999*	*8/5/1999*	*8/5/1999*	*8/5/1999*	*8/5/1999*	*8/5/1999*	*8/5/1999*	*8/5/1999*	*8/5/1999*
Sample Depth:			*2-4 ft BGS*	*8-10 ft BGS*	*8-10 ft BGS*	*2-4 ft BGS*	*8-10 ft BGS*	*3-5 ft BGS*	*9-11 ft BGS*	*5-7 ft BGS*	*8-10 ft BGS*
		RUSCO	*Duplicate*		*Duplicate*						
Parameter	*Units*	*Criteria*									
m&p-Xylenes	µg/kg	-	-	-	-	-	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	ND (12)	ND (11)	ND (11)	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (12)
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-	-	-	-
Styrene	µg/kg	-	ND (12)	ND (11)	ND (11)	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (12)
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	ND (12)	ND (11)	ND (11)	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (12)
Toluene	µg/kg	1000000	1 J	3 J	2 J	2 J	2 J	ND (11)	2 J	1 J	4 J
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	ND (12)	ND (11)	ND (11)	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (12)
Trichloroethene	µg/kg	400000	ND (12)	ND (11)	ND (11)	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (12)
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	ND (12)	ND (11)	ND (11)	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)	ND (12)
Xylenes (total)	µg/kg	1000000	ND (12)	2 J	1 J	2 J	ND (11)	ND (11)	ND (12)	ND (11)	2 J
Semi-Volatiles											
1,2,4-Trichlorobenzene	µg/kg	-	ND (360)	ND (380)	ND (370)	ND (180000)	ND (1900)	ND (380)	ND (360)	ND (360)	ND (390)
1,2-Dichlorobenzene	µg/kg	1000000	ND (360)	ND (380)	ND (370)	ND (180000)	ND (1900)	ND (380)	ND (360)	ND (360)	ND (390)
1,3-Dichlorobenzene	µg/kg	560000	ND (360)	ND (380)	ND (370)	ND (180000)	ND (1900)	ND (380)	ND (360)	ND (360)	ND (390)
1,4-Dichlorobenzene	µg/kg	250000	ND (360)	ND (380)	ND (370)	ND (180000)	ND (1900)	ND (380)	ND (360)	ND (360)	ND (390)
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	ND (360)	ND (380)	ND (370)	ND (180000)	ND (1900)	ND (380)	ND (360)	ND (360)	ND (390)
2,4,5-Trichlorophenol	µg/kg	-	ND (910)	ND (950)	ND (920)	ND (440000)	ND (4800)	ND (960)	ND (900)	ND (910)	ND (980)
2,4,6-Trichlorophenol	µg/kg	-	ND (360)	ND (380)	ND (370)	ND (180000)	ND (1900)	ND (380)	ND (360)	ND (360)	ND (390)
2,4-Dichlorophenol	µg/kg	-	ND (360)	ND (380)	ND (370)	ND (180000)	ND (1900)	ND (380)	ND (360)	ND (360)	ND (390)
2,4-Dimethylphenol	µg/kg	-	ND (360)	ND (380)	ND (370)	ND (180000)	ND (1900)	ND (380)	ND (360)	ND (360)	ND (390)
2,4-Dinitrophenol	µg/kg	-	ND (910)	ND (950)	ND (920)	ND (440000)	ND (4800)	ND (960)	ND (900)	ND (910)	ND (980)
2,4-Dinitrotoluene	µg/kg	-	ND (360)	ND (380)	ND (370)	ND (180000)	ND (1900)	ND (380)	ND (360)	ND (360)	ND (390)
2,6-Dinitrotoluene	µg/kg	-	ND (360)	ND (380)	ND (370)	ND (180000)	ND (1900)	ND (380)	ND (360)	ND (360)	ND (390)
2-Chloronaphthalene	µg/kg	-	ND (360)	ND (380)	ND (370)	ND (180000)	ND (1900)	ND (380)	ND (360)	ND (360)	ND (390)
2-Chlorophenol	µg/kg	-	ND (360)	ND (380)	ND (370)	ND (180000)	ND (1900)	ND (380)	ND (360)	ND (360)	ND (390)
2-Methylnaphthalene	µg/kg	-	ND (360)	1300 J	46 J	ND (180000)	ND (1900)	ND (380)	ND (360)	ND (360)	ND (390)
2-Methylphenol	µg/kg	1000000	ND (360)	ND (380)	ND (370)	ND (180000)	ND (1900)	ND (380)	ND (360)	ND (360)	ND (390)
2-Nitroaniline	µg/kg	-	ND (910)	ND (950)	ND (920)	ND (440000)	ND (4800)	ND (960)	ND (900)	ND (910)	ND (980)
2-Nitrophenol	µg/kg	-	ND (360)	ND (380)	ND (370)	ND (180000)	ND (1900)	ND (380)	ND (360)	ND (360)	ND (390)
3,3'-Dichlorobenzidine	µg/kg	-	ND (360)	ND (380)	ND (370)	ND (180000)	ND (1900)	ND (380)	ND (360)	ND (360)	ND (390)

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*BH3-99*	*BH3-99*	*BH3-99*	*BH4-99*	*BH4-99*	*BH5-99*	*BH5-99*	*BH6-99*	*BH6-99*
Sample ID:			*S-JRR-055*	*S-JRR-054*	*S-JRR-056*	*S-JRR-050*	*S-JRR-051*	*S-JRR-047*	*S-JRR-048*	*S-JRR-043*	*S-JRR-044*
Sample Date:			*8/5/1999*	*8/5/1999*	*8/5/1999*	*8/5/1999*	*8/5/1999*	*8/5/1999*	*8/5/1999*	*8/5/1999*	*8/5/1999*
Sample Depth:			*2-4 ft BGS*	*8-10 ft BGS*	*8-10 ft BGS*	*2-4 ft BGS*	*8-10 ft BGS*	*3-5 ft BGS*	*9-11 ft BGS*	*5-7 ft BGS*	*8-10 ft BGS*
		RUSCO	*Duplicate*		*Duplicate*						
Parameter	*Units*	*Criteria*									
3-Nitroaniline	µg/kg	-	ND (910)	ND (950)	ND (920)	ND (440000)	ND (4800)	ND (960)	ND (900)	ND (910)	ND (980)
4,6-Dinitro-2-methylphenol	µg/kg	-	ND (910)	ND (950)	ND (920)	ND (440000)	ND (4800)	ND (960)	ND (900)	ND (910)	ND (980)
4-Bromophenyl phenyl ether	µg/kg	-	ND (360)	ND (380)	ND (370)	ND (180000)	ND (1900)	ND (380)	ND (360)	ND (360)	ND (390)
4-Chloro-3-methylphenol	µg/kg	-	ND (360)	ND (380)	ND (370)	ND (180000)	ND (1900)	ND (380)	ND (360)	ND (360)	ND (390)
4-Chloroaniline	µg/kg	-	ND (360)	ND (380)	ND (370)	ND (180000)	ND (1900)	ND (380)	ND (360)	ND (360)	ND (390)
4-Chlorophenyl phenyl ether	µg/kg	-	ND (360)	ND (380)	ND (370)	ND (180000)	ND (1900)	ND (380)	ND (360)	ND (360)	ND (390)
4-Methylphenol	µg/kg	1000000	ND (360)	ND (380)	ND (370)	ND (180000)	ND (1900)	ND (380)	ND (360)	ND (360)	ND (390)
4-Nitroaniline	µg/kg	-	ND (910)	ND (950)	ND (920)	ND (440000)	ND (4800)	ND (960)	ND (900)	ND (910)	ND (980)
4-Nitrophenol	µg/kg	-	ND (910)	ND (950)	ND (920)	ND (440000)	ND (4800)	ND (960)	ND (900)	ND (910)	ND (980)
Acenaphthene	µg/kg	1000000	ND (360)	740 J	ND (370) J	ND (180000)	ND (1900)	ND (380)	ND (360)	ND (360)	ND (390)
Acenaphthylene	µg/kg	1000000	ND (360)	ND (380)	64 J	ND (180000)	ND (1900)	ND (380)	ND (360)	66 J	ND (390)
Acetophenone	µg/kg	-	-	-	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	ND (360)	570 J	53 J	ND (180000)	ND (1900)	ND (380)	ND (360)	110 J	100 J
Atrazine	µg/kg	-	-	-	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	ND (360)	680 J	230 J	ND (180000)	610 J	ND (380)	130 J	490	330 J
Benzo(a)pyrene	µg/kg	1100	ND (360)	620 J	230 J	ND (180000)	570 J	ND (380)	130 J	490	280 J
Benzo(b)fluoranthene	µg/kg	11000	ND (360)	660 J	310 J	ND (180000)	780 J	ND (380)	150 J	590	280 J
Benzo(g,h,i)perylene	µg/kg	1000000	ND (360)	280 J	96 J	ND (180000)	290 J	ND (380)	95 J	240 J	180 J
Benzo(k)fluoranthene	µg/kg	110000	ND (360)	460 J	240 J	ND (180000)	440 J	ND (380)	100 J	410	270 J
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	ND (360)	ND (380)	ND (370)	ND (180000)	ND (1900)	ND (380)	ND (360)	ND (360)	ND (390)
bis(2-Chloroethyl)ether	µg/kg	-	ND (360)	ND (380)	ND (370)	ND (180000)	ND (1900)	ND (380)	ND (360)	ND (360)	ND (390)
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	ND (360)	ND (380)	ND (370)	ND (180000)	ND (1900)	ND (380)	ND (360)	ND (360)	ND (390)
Butyl benzylphthalate (BBP)	µg/kg	-	ND (360)	ND (380)	ND (370)	ND (180000)	ND (1900)	ND (380)	ND (360)	ND (360)	ND (390)
Caprolactam	µg/kg	-	-	-	-	-	-	-	-	-	-
Carbazole	µg/kg	-	ND (360)	ND (380)	ND (370)	ND (180000)	ND (1900)	ND (380)	ND (360)	55 J	ND (390)
Chrysene	µg/kg	110000	ND (360) J	790 J	290 J	ND (180000)	710 J	ND (380)	160 J	650	ND (390)
Dibenz(a,h)anthracene	µg/kg	1100	ND (360)	ND (380)	ND (370)	ND (180000)	ND (1900)	ND (380)	ND (360)	ND (360)	ND (390)
Dibenzofuran	µg/kg	1000000	ND (360)	590	ND (370)	ND (180000)	ND (1900)	ND (380)	ND (360)	ND (360)	45 J
Diethyl phthalate	µg/kg	-	ND (360)	ND (380)	ND (370)	ND (180000)	ND (1900)	ND (380)	ND (360)	ND (360)	ND (390)
Dimethyl phthalate	µg/kg	-	ND (360)	ND (380)	ND (370)	ND (180000)	ND (1900)	ND (380)	ND (360)	ND (360)	ND (390)
Di-n-butylphthalate (DBP)	µg/kg	-	ND (360)	ND (380)	ND (370)	ND (180000)	ND (1900)	ND (380)	ND (360)	ND (360)	ND (390)
Di-n-octyl phthalate (DnOP)	µg/kg	-	ND (360)	ND (380)	ND (370)	ND (180000)	ND (1900)	ND (380)	ND (360)	ND (360)	ND (390)
Fluoranthene	µg/kg	1000000	ND (360) J	1400 J	440 J	ND (180000)	1200 J	ND (380)	260 J	1000	780
Fluorene	µg/kg	1000000	ND (360)	1200 J	ND (370) J	ND (180000)	ND (1900)	ND (380)	ND (360)	38 J	44 J
Hexachlorobenzene	µg/kg	12000	ND (360)	ND (380)	ND (370)	ND (180000)	ND (1900)	ND (380)	ND (360)	ND (360)	ND (390)
Hexachlorobutadiene	µg/kg	-	ND (360)	ND (380)	ND (370)	ND (180000)	ND (1900)	ND (380)	ND (360)	ND (360)	ND (390)
Hexachlorocyclopentadiene	µg/kg	-	ND (360)	ND (380)	ND (370)	ND (180000) J	ND (1900)	ND (380)	ND (360)	ND (360)	ND (390)
Hexachloroethane	µg/kg	-	ND (360)	ND (380)	ND (370)	ND (180000)	ND (1900)	ND (380)	ND (360)	ND (360)	ND (390)
Indeno(1,2,3-cd)pyrene	µg/kg	11000	ND (360)	270 J	110 J	ND (180000)	260 J	ND (380)	83 J	230 J	170 J

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*BH3-99*	*BH3-99*	*BH3-99*	*BH4-99*	*BH4-99*	*BH5-99*	*BH5-99*	*BH6-99*	*BH6-99*
Sample ID:			*S-JRR-055*	*S-JRR-054*	*S-JRR-056*	*S-JRR-050*	*S-JRR-051*	*S-JRR-047*	*S-JRR-048*	*S-JRR-043*	*S-JRR-044*
Sample Date:			*8/5/1999*	*8/5/1999*	*8/5/1999*	*8/5/1999*	*8/5/1999*	*8/5/1999*	*8/5/1999*	*8/5/1999*	*8/5/1999*
Sample Depth:			*2-4 ft BGS*	*8-10 ft BGS*	*8-10 ft BGS*	*2-4 ft BGS*	*8-10 ft BGS*	*3-5 ft BGS*	*9-11 ft BGS*	*5-7 ft BGS*	*8-10 ft BGS*
		RUSCO	*Duplicate*		*Duplicate*						
Parameter	*Units*	*Criteria*									
Isophorone	µg/kg	-	ND (360)	ND (380)	ND (370)	ND (180000)	ND (1900)	ND (380)	ND (360)	ND (360)	ND (390)
Naphthalene	µg/kg	1000000	ND (360)	570 J	43 J	ND (180000)	ND (1900)	ND (380)	ND (360)	ND (360)	53 J
Nitrobenzene	µg/kg	140000	ND (360)	ND (380)	ND (370)	ND (180000)	ND (1900)	ND (380)	ND (360)	ND (360)	ND (390)
N-Nitrosodi-n-propylamine	µg/kg	-	ND (360)	ND (380)	ND (370)	ND (180000)	ND (1900)	ND (380)	ND (360)	ND (360)	ND (390)
N-Nitrosodiphenylamine	µg/kg	-	ND (360)	ND (380)	ND (370)	ND (180000)	ND (1900)	ND (380)	ND (360)	ND (360)	ND (390)
Pentachlorophenol	µg/kg	55000	ND (910)	ND (950)	ND (920)	ND (440000)	ND (4800)	ND (960)	ND (900)	ND (910)	ND (980)
Phenanthrene	µg/kg	1000000	ND (360) J	3700 J	220 J	ND (180000)	570 J	ND (380)	170 J	590	520
Phenol	µg/kg	1000000	ND (360)	ND (380)	ND (370)	ND (180000)	ND (1900)	ND (380)	ND (360)	ND (360)	ND (390)
Pyrene	µg/kg	1000000	ND (360) J	1200 J	360 J	ND (180000)	910 J	ND (380)	230 J	860	660
Metals											
Aluminum	µg/kg	-	3880000 J	4530000	5540000	4450000	5020000	6500000	6990000	5090000	7060000
Antimony	µg/kg	-	ND (1600) J	5800 J	5600 J	41500 J	140000 J	ND (1600) J	2300	3100 J	6200 J
Arsenic	µg/kg	16000	2300 J	**220000 J**	**18900 J**	**29500**	**2200000**	ND (1800)	11400	**54800**	**146000**
Barium	µg/kg	10000000	27600 J	38200 J	70400 J	106000	98800	ND (38400)	93100	46400	1150000
Beryllium	µg/kg	2700000	310	230 J	1200 J	250	240	ND (530)	700	260	670
Cadmium	µg/kg	60000	ND (65)	480 J	1300 J	1400	1500	ND (68)	910	ND (65)	ND (71)
Calcium	µg/kg	-	6510000 J	715000 J	58200000 J	34000000	8850000	3480000	45000000	1180000	8560000
Chromium	µg/kg	-	10700 J	13200 J	32800 J	19400	15800 J	25600 J	18400 J	12700 J	123000 J
Cobalt	µg/kg	-	5200 J	7200 J	11300	13800	9100	8800	10600	8300	76200
Copper	µg/kg	10000000	6220000 J	242000 J	**30200000 J**	2570000 J	2730000 J	19000 J	3470000 J	198000 J	2650000 J
Iron	µg/kg	-	11300000 J	10200000	15900000	15700000	12900000	24900000	20300000	14700000	76200000
Lead	µg/kg	3900000	8800 J	134000	216000	198000	253000	8900	133000	172000	1290000
Magnesium	µg/kg	-	3620000	1180000	23800000 J	14900000	3050000	3770000	22200000	1390000	5790000
Manganese	µg/kg	10000000	249000	63200	206000	202000 J	100000	315000	286000	217000	607000
Mercury	µg/kg	5700	ND (52) J	300 J	480 J	290 J	410 J	ND (46) J	370 J	3400 J	5200 J
Nickel	µg/kg	10000000	11100 J	1310000	58800 J	46400	271000	15300	39700	17900	68500
Potassium	µg/kg	-	768000 J	391000 J	1100000 J	810000 J	626000 J	1560000 J	2500000 J	469000 J	1130000 J
Selenium	µg/kg	6800000	ND (810)	2700	3300	2700	540000	950	1900	18100	10000
Silver	µg/kg	6800000	170 J	3900	3800	3400	9300	ND (140)	2700	3700	4400
Sodium	µg/kg	-	309000 J	ND (52100)	503000	238000	144000	510000	494000	170000	700000
Thallium	µg/kg	-	ND (840)	ND (1200)	ND (1700)	ND (1700)	ND (1900)	ND (2100)	ND (1900)	ND (1500)	6400
Vanadium	µg/kg	-	15300	16200	33500	32200	27000	40100	38200	19300	43200
Zinc	µg/kg	10000000	34100 J	90300	439000	651000	243000	37600	255000	297000	6010000

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*BH3-99*	*BH3-99*	*BH3-99*	*BH4-99*	*BH4-99*	*BH5-99*	*BH5-99*	*BH6-99*	*BH6-99*
Sample ID:			*S-JRR-055*	*S-JRR-054*	*S-JRR-056*	*S-JRR-050*	*S-JRR-051*	*S-JRR-047*	*S-JRR-048*	*S-JRR-043*	*S-JRR-044*
Sample Date:			*8/5/1999*	*8/5/1999*	*8/5/1999*	*8/5/1999*	*8/5/1999*	*8/5/1999*	*8/5/1999*	*8/5/1999*	*8/5/1999*
Sample Depth:			*2-4 ft BGS*	*8-10 ft BGS*	*8-10 ft BGS*	*2-4 ft BGS*	*8-10 ft BGS*	*3-5 ft BGS*	*9-11 ft BGS*	*5-7 ft BGS*	*8-10 ft BGS*
		RUSCO	*Duplicate*		*Duplicate*						
Parameter	*Units*	*Criteria*									
PCBs											
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (36)	ND (38)	ND (36)	ND (35)	ND (38)	ND (36)	ND (38)	ND (36)	ND (39)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (73)	ND (76)	ND (74)	ND (70)	ND (77)	ND (73)	ND (76)	ND (73)	ND (79)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (36)	ND (38)	ND (36)	ND (35)	ND (38)	ND (36)	ND (38)	ND (36)	ND (39)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (36)	ND (38)	ND (36)	ND (35)	ND (38)	ND (36)	ND (38)	ND (36)	ND (39)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (36)	ND (38)	ND (36)	ND (35)	ND (38)	ND (36)	ND (38)	ND (36)	ND (39)
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (36)	49	180 J	ND (35)	110	ND (36)	43 J	ND (36)	ND (39)
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (36)	ND (38)	ND (36)	ND (35)	75	ND (36)	ND (38)	ND (36)	ND (39)
Total PCBs	µg/kg	-	ND	49	180	ND	185	ND	43	ND	ND
Pesticides											
4,4'-DDD	µg/kg	180000	ND (3.6)	ND (3.8)	ND (3.6)	ND (3.5)	ND (3.8)	ND (3.6)	ND (3.8)	ND (18)	ND (3.9)
4,4'-DDE	µg/kg	120000	ND (3.6)	ND (3.8)	5.3 J	ND (3.5)	5.2 J	ND (3.6)	ND (3.8)	31 J	ND (3.9)
4,4'-DDT	µg/kg	94000	ND (3.6)	ND (3.8)	ND (3.6)	ND (3.5)	ND (3.8)	ND (3.6)	ND (3.8)	110 J	7.8
Aldrin	µg/kg	1400	ND (1.8)	ND (1.9)	ND (1.9)	ND (1.8)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.8) J	ND (2.0)
alpha-BHC	µg/kg	6800	ND (1.8)	ND (1.9)	ND (1.9)	ND (1.8)	ND (2.0)	ND (1.8)	ND (1.9)	18 J	ND (2.0)
alpha-Chlordane	µg/kg	47000	ND (1.8)	ND (1.9)	ND (1.9)	ND (1.8)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.8) J	ND (2.0)
beta-BHC	µg/kg	14000	ND (1.8)	ND (1.9)	ND (1.9)	ND (1.8)	ND (2.0)	ND (1.8)	ND (1.9)	12	ND (2.0)
delta-BHC	µg/kg	1000000	ND (1.8)	ND (1.9)	ND (1.9)	ND (1.8)	ND (2.0)	ND (1.8)	ND (1.9)	5.0 J	ND (2.0)
Dieldrin	µg/kg	2800	ND (3.6)	ND (3.8)	ND (3.6)	ND (3.5)	ND (3.8)	ND (3.6)	ND (3.8)	2.0 J	ND (3.9)
Endosulfan I	µg/kg	920000	ND (1.8)	ND (1.9)	ND (1.9)	ND (1.8)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.8) J	ND (2.0)
Endosulfan II	µg/kg	920000	ND (3.6)	ND (3.8)	ND (3.6)	ND (3.5)	ND (3.8)	ND (3.6)	ND (3.8)	ND (3.6) J	ND (3.9)
Endosulfan sulfate	µg/kg	920000	ND (3.6)	ND (3.8)	ND (3.6)	ND (3.5)	ND (3.8)	ND (3.6)	ND (3.8)	ND (3.6) J	ND (3.9)
Endrin	µg/kg	410000	ND (3.6)	ND (3.8)	ND (3.6)	ND (3.5)	ND (3.8)	ND (3.6)	ND (3.8)	ND (3.6) J	ND (3.9)
Endrin aldehyde	µg/kg	-	ND (3.6)	ND (3.8)	4.4 J	ND (3.5)	ND (3.8)	ND (3.6)	ND (3.8)	ND (3.6) J	ND (3.9)
Endrin ketone	µg/kg	-	ND (3.6)	5.4	4.5 J	ND (3.5)	6.9 J	ND (3.6)	2.0 J	ND (3.6) J	ND (3.9)
gamma-BHC (lindane)	µg/kg	23000	ND (1.8)	ND (1.9)	ND (1.9)	ND (1.8)	ND (2.0)	ND (1.8)	ND (1.9)	6.1 J	ND (2.0)
gamma-Chlordane	µg/kg	-	ND (1.8)	ND (1.9)	ND (1.9)	ND (1.8)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.8) J	ND (2.0)
Heptachlor	µg/kg	29000	ND (1.8)	ND (1.9)	ND (1.9)	ND (1.8)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.8) J	ND (2.0)
Heptachlor epoxide	µg/kg	-	ND (1.8)	ND (1.9)	ND (1.9)	ND (1.8)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.8) J	ND (2.0)
Methoxychlor	µg/kg	-	ND (18)	ND (19)	ND (19)	ND (1.8)	ND (20) J	ND (18)	ND (19)	ND (18) J	ND (20)
Toxaphene	µg/kg	-	ND (180)	ND (190)	ND (190)	ND (180)	ND (200)	ND (180)	ND (190)	ND (180) J	ND (200)
Petroleum Hydrocarbons											
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*BH3-99*	*BH3-99*	*BH3-99*	*BH4-99*	*BH4-99*	*BH5-99*	*BH5-99*	*BH6-99*	*BH6-99*
Sample ID:			*S-JRR-055*	*S-JRR-054*	*S-JRR-056*	*S-JRR-050*	*S-JRR-051*	*S-JRR-047*	*S-JRR-048*	*S-JRR-043*	*S-JRR-044*
Sample Date:			*8/5/1999*	*8/5/1999*	*8/5/1999*	*8/5/1999*	*8/5/1999*	*8/5/1999*	*8/5/1999*	*8/5/1999*	*8/5/1999*
Sample Depth:			*2-4 ft BGS*	*8-10 ft BGS*	*8-10 ft BGS*	*2-4 ft BGS*	*8-10 ft BGS*	*3-5 ft BGS*	*9-11 ft BGS*	*5-7 ft BGS*	*8-10 ft BGS*
		RUSCO	*Duplicate*		*Duplicate*						
Parameter	*Units*	*Criteria*									
General Chemistry											
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	ND (530)	-	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits (Inorganics).

B - Method blank contamintion (Organics).

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*BH7-99*	*BH7-99*	*BH8-00*	*BH8-00*	*BH8-99*	*BH8-99*	*BH9-00*	*BH9-00*
Sample ID:			*S-JRR-035*	*S-JRR-036*	*S-MEJ-416*	*S-MEJ-417*	*S-JRR-039*	*S-JRR-040*	*S-MEJ-420*	*S-MEJ-421*
Sample Date:			*8/4/1999*	*8/4/1999*	*9/5/2000*	*9/5/2000*	*8/4/1999*	*8/4/1999*	*9/6/2000*	*9/6/2000*
Sample Depth:			*2-4 ft BGS*	*8-10 ft BGS*	*3-5 ft BGS*	*9-11 ft BGS*	*2-4 ft BGS*	*8-10 ft BGS*	*2.8-4.8 ft BGS*	*8.8-10.8 ft BGS*
Parameter	*Units*	*RUSCO Criteria*								
Volatiles										
1,1,1-Trichloroethane	µg/kg	1000000	ND (11)	ND (11)	-	-	ND (11)	ND (11)	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	ND (11)	ND (11)	-	-	ND (11)	ND (11)	-	-
1,1,2-Trichloroethane	µg/kg	-	ND (11)	ND (11)	-	-	ND (11)	ND (11)	-	-
1,1-Dichloroethane	µg/kg	480000	ND (11)	ND (11)	-	-	ND (11)	ND (11)	-	-
1,1-Dichloroethene	µg/kg	1000000	ND (11)	ND (11)	-	-	ND (11)	ND (11)	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	ND (11)	ND (11)	-	-	ND (11)	ND (11)	-	-
1,2-Dichloroethene (total)	µg/kg	-	ND (11)	ND (11)	-	-	ND (11)	ND (11)	-	-
1,2-Dichloropropane	µg/kg	-	ND (11)	ND (11)	-	-	ND (11)	ND (11)	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	ND (11)	ND (11)	-	-	ND (11)	ND (11)	-	-
2-Hexanone	µg/kg	-	ND (11)	ND (11)	-	-	ND (11)	ND (11)	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	ND (11)	ND (11)	-	-	ND (11)	ND (11)	-	-
Acetone	µg/kg	1000000	2 J	4 J	-	-	2 J	2 J	-	-
Benzene	µg/kg	89000	ND (11)	ND (11)	-	-	ND (11)	ND (11)	-	-
Bromodichloromethane	µg/kg	-	ND (11)	ND (11)	-	-	ND (11)	ND (11)	-	-
Bromoform	µg/kg	-	ND (11)	ND (11)	-	-	ND (11)	ND (11)	-	-
Bromomethane (Methyl bromide)	µg/kg	-	ND (11)	ND (11)	-	-	ND (11)	ND (11)	-	-
Carbon disulfide	µg/kg	-	ND (11)	1 J	-	-	3 J	ND (11)	-	-
Carbon tetrachloride	µg/kg	44000	ND (11)	ND (11)	-	-	ND (11)	ND (11)	-	-
Chlorobenzene	µg/kg	1000000	ND (11)	ND (11)	-	-	ND (11)	ND (11)	-	-
Chloroethane	µg/kg	-	ND (11)	ND (11)	-	-	ND (11)	ND (11)	-	-
Chloroform (Trichloromethane)	µg/kg	700000	ND (11)	ND (11)	-	-	ND (11)	ND (11)	-	-
Chloromethane (Methyl chloride)	µg/kg	-	ND (11)	ND (11)	-	-	ND (11)	ND (11)	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	ND (11)	ND (11)	-	-	ND (11)	ND (11)	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	ND (11)	ND (11)	-	-	ND (11)	ND (11)	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-	-	-
Ethylbenzene	ug/kg	780000	ND (11)	ND (11)	-	-	ND (11)	ND (11)	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*BH7-99*	*BH7-99*	*BH8-00*	*BH8-00*	*BH8-99*	*BH8-99*	*BH9-00*	*BH9-00*
Sample ID:			*S-JRR-035*	*S-JRR-036*	*S-MEJ-416*	*S-MEJ-417*	*S-JRR-039*	*S-JRR-040*	*S-MEJ-420*	*S-MEJ-421*
Sample Date:			*8/4/1999*	*8/4/1999*	*9/5/2000*	*9/5/2000*	*8/4/1999*	*8/4/1999*	*9/6/2000*	*9/6/2000*
Sample Depth:			*2-4 ft BGS*	*8-10 ft BGS*	*3-5 ft BGS*	*9-11 ft BGS*	*2-4 ft BGS*	*8-10 ft BGS*	*2.8-4.8 ft BGS*	*8.8-10.8 ft BGS*
Parameter	*Units*	*RUSCO Criteria*								
m&p-Xylenes	µg/kg	-	-	-	-	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	ND (11)	ND (11)	-	-	ND (11)	ND (11)	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-	-	-
Styrene	µg/kg	-	ND (11)	ND (11)	-	-	ND (11)	ND (11)	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	ND (11)	ND (11)	-	-	ND (11)	ND (11)	-	-
Toluene	µg/kg	1000000	ND (11)	ND (11)	-	-	4 J	ND (11)	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	ND (11)	ND (11)	-	-	ND (11)	ND (11)	-	-
Trichloroethene	µg/kg	400000	ND (11)	ND (11)	-	-	ND (11)	ND (11)	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	ND (11)	ND (11)	-	-	ND (11)	ND (11)	-	-
Xylenes (total)	µg/kg	1000000	ND (11)	ND (11)	-	-	2 J	ND (11)	-	-
Semi-Volatiles										
1,2,4-Trichlorobenzene	µg/kg	-	ND (360)	ND (760)	-	-	ND (350)	ND (360)	-	-
1,2-Dichlorobenzene	µg/kg	1000000	ND (360)	ND (760)	-	-	ND (350)	ND (360)	-	-
1,3-Dichlorobenzene	µg/kg	560000	ND (360)	ND (760)	-	-	ND (350)	ND (360)	-	-
1,4-Dichlorobenzene	µg/kg	250000	ND (360)	ND (760)	-	-	ND (350)	ND (360)	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	ND (360)	ND (760)	-	-	ND (350)	ND (360)	-	-
2,4,5-Trichlorophenol	µg/kg	-	ND (900)	ND (1900)	-	-	ND (890)	ND (910)	-	-
2,4,6-Trichlorophenol	µg/kg	-	ND (360)	ND (760)	-	-	ND (350)	ND (360)	-	-
2,4-Dichlorophenol	µg/kg	-	ND (360)	ND (760)	-	-	ND (350)	ND (360)	-	-
2,4-Dimethylphenol	µg/kg	-	ND (360)	ND (760)	-	-	ND (350)	ND (360)	-	-
2,4-Dinitrophenol	µg/kg	-	ND (900)	ND (1900)	-	-	ND (890)	ND (910)	-	-
2,4-Dinitrotoluene	µg/kg	-	ND (360)	ND (760)	-	-	ND (350)	ND (360)	-	-
2,6-Dinitrotoluene	µg/kg	-	ND (360)	ND (760)	-	-	ND (350)	ND (360)	-	-
2-Chloronaphthalene	µg/kg	-	ND (360)	ND (760)	-	-	ND (350)	ND (360)	-	-
2-Chlorophenol	µg/kg	-	ND (360)	ND (760)	-	-	ND (350)	ND (360)	-	-
2-Methylnaphthalene	µg/kg	-	ND (360)	ND (760)	-	-	69 J	ND (360)	-	-
2-Methylphenol	µg/kg	1000000	ND (360)	ND (760)	-	-	ND (350)	ND (360)	-	-
2-Nitroaniline	µg/kg	-	ND (900)	ND (1900)	-	-	ND (890)	ND (910)	-	-
2-Nitrophenol	µg/kg	-	ND (360)	ND (760)	-	-	ND (350)	ND (360)	-	-
3,3'-Dichlorobenzidine	µg/kg	-	ND (360)	ND (760)	-	-	ND (350)	ND (360)	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
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Sample Location:			*BH7-99*	*BH7-99*	*BH8-00*	*BH8-00*	*BH8-99*	*BH8-99*	*BH9-00*	*BH9-00*
Sample ID:			*S-JRR-035*	*S-JRR-036*	*S-MEJ-416*	*S-MEJ-417*	*S-JRR-039*	*S-JRR-040*	*S-MEJ-420*	*S-MEJ-421*
Sample Date:			*8/4/1999*	*8/4/1999*	*9/5/2000*	*9/5/2000*	*8/4/1999*	*8/4/1999*	*9/6/2000*	*9/6/2000*
Sample Depth:			*2-4 ft BGS*	*8-10 ft BGS*	*3-5 ft BGS*	*9-11 ft BGS*	*2-4 ft BGS*	*8-10 ft BGS*	*2.8-4.8 ft BGS*	*8.8-10.8 ft BGS*
Parameter	*Units*	*RUSCO Criteria*								
3-Nitroaniline	µg/kg	-	ND (900)	ND (1900)	-	-	ND (890)	ND (910)	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	ND (900)	ND (1900)	-	-	ND (890)	ND (910)	-	-
4-Bromophenyl phenyl ether	µg/kg	-	ND (360)	ND (760)	-	-	ND (350)	ND (360)	-	-
4-Chloro-3-methylphenol	µg/kg	-	ND (360)	ND (760)	-	-	ND (350)	ND (360)	-	-
4-Chloroaniline	µg/kg	-	ND (360)	ND (760)	-	-	ND (350)	ND (360)	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	ND (360)	ND (760)	-	-	ND (350)	ND (360)	-	-
4-Methylphenol	µg/kg	1000000	ND (360)	ND (760)	-	-	ND (350)	ND (360)	-	-
4-Nitroaniline	µg/kg	-	ND (900)	ND (1900)	-	-	ND (890)	ND (910)	-	-
4-Nitrophenol	µg/kg	-	ND (900)	ND (1900)	-	-	ND (890)	ND (910)	-	-
Acenaphthene	µg/kg	1000000	ND (360)	ND (760)	-	-	82 J	ND (360)	-	-
Acenaphthylene	µg/kg	1000000	ND (360)	ND (760)	-	-	53 J	ND (360)	-	-
Acetophenone	µg/kg	-	-	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	ND (360)	ND (760)	-	-	260 J	41 J	-	-
Atrazine	µg/kg	-	-	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	180 J	170 J	-	-	950	120 J	-	-
Benzo(a)pyrene	µg/kg	1100	180 J	170 J	-	-	830	110 J	-	-
Benzo(b)fluoranthene	µg/kg	11000	180 J	160 J	-	-	1100	120 J	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	99 J	77 J	-	-	460	69 J	-	-
Benzo(k)fluoranthene	µg/kg	110000	130 J	150 J	-	-	780	86 J	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	ND (360)	ND (760)	-	-	ND (350)	ND (360)	-	-
bis(2-Chloroethyl)ether	µg/kg	-	ND (360)	ND (760)	-	-	ND (350)	ND (360)	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	ND (360)	ND (760)	-	-	ND (350)	ND (360)	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	ND (360)	ND (760)	-	-	ND (350)	ND (360)	-	-
Caprolactam	µg/kg	-	-	-	-	-	-	-	-	-
Carbazole	µg/kg	-	ND (360)	ND (760)	-	-	150 J	ND (360)	-	-
Chrysene	µg/kg	110000	210 J	200 J	-	-	1100	140 J	-	-
Dibenz(a,h)anthracene	µg/kg	1100	ND (360)	ND (760)	-	-	ND (350)	ND (360)	-	-
Dibenzofuran	µg/kg	1000000	ND (360)	ND (760)	-	-	86 J	ND (360)	-	-
Diethyl phthalate	µg/kg	-	ND (360)	ND (760)	-	-	ND (350)	ND (360)	-	-
Dimethyl phthalate	µg/kg	-	ND (360)	ND (760)	-	-	ND (350)	ND (360)	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	ND (360)	ND (760)	-	-	ND (350)	ND (360)	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	ND (360)	ND (760)	-	-	ND (350)	ND (360)	-	-
Fluoranthene	µg/kg	1000000	310 J	340 J	-	-	2000	260 J	-	-
Fluorene	µg/kg	1000000	ND (360)	ND (760)	-	-	95 J	ND (360)	-	-
Hexachlorobenzene	µg/kg	12000	ND (360)	ND (760)	-	-	ND (350)	ND (360)	-	-
Hexachlorobutadiene	µg/kg	-	ND (360)	ND (760)	-	-	ND (350)	ND (360)	-	-
Hexachlorocyclopentadiene	µg/kg	-	ND (360)	ND (760) J	-	-	ND (350)	ND (360)	-	-
Hexachloroethane	µg/kg	-	ND (360)	ND (760)	-	-	ND (350)	ND (360)	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	91 J	ND (760)	-	-	460	67 J	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*BH7-99*	*BH7-99*	*BH8-00*	*BH8-00*	*BH8-99*	*BH8-99*	*BH9-00*	*BH9-00*
Sample ID:			*S-JRR-035*	*S-JRR-036*	*S-MEJ-416*	*S-MEJ-417*	*S-JRR-039*	*S-JRR-040*	*S-MEJ-420*	*S-MEJ-421*
Sample Date:			*8/4/1999*	*8/4/1999*	*9/5/2000*	*9/5/2000*	*8/4/1999*	*8/4/1999*	*9/6/2000*	*9/6/2000*
Sample Depth:			*2-4 ft BGS*	*8-10 ft BGS*	*3-5 ft BGS*	*9-11 ft BGS*	*2-4 ft BGS*	*8-10 ft BGS*	*2.8-4.8 ft BGS*	*8.8-10.8 ft BGS*
Parameter	*Units*	*RUSCO Criteria*								
Isophorone	µg/kg	-	ND (360)	ND (760)	-	-	ND (350)	ND (360)	-	-
Naphthalene	µg/kg	1000000	ND (360)	ND (760)	-	-	89 J	ND (360)	-	-
Nitrobenzene	µg/kg	140000	ND (360)	ND (760)	-	-	ND (350)	ND (360)	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	ND (360)	ND (760)	-	-	ND (350)	ND (360)	-	-
N-Nitrosodiphenylamine	µg/kg	-	ND (360)	ND (760)	-	-	ND (350)	ND (360)	-	-
Pentachlorophenol	µg/kg	55000	ND (900)	ND (1900)	-	-	ND (890)	ND (910)	-	-
Phenanthrene	µg/kg	1000000	160 J	200 J	-	-	1400	250 J	-	-
Phenol	µg/kg	1000000	ND (360)	ND (760)	-	-	ND (350)	ND (360)	-	-
Pyrene	µg/kg	1000000	330 J	290 J	-	-	1700	250 J	-	-
Metals										
Aluminum	µg/kg	-	6570000	11800000	6410000	7160000	22600000	2290000	5680000	4980000
Antimony	µg/kg	-	ND (1600) J	ND (1600) J	ND (190) J	300 J	6600 J	ND (1600) J	87 J	27400 J
Arsenic	µg/kg	16000	9800	4400	2200 J	2800 J	**45800**	5800	**169000**	**142000**
Barium	µg/kg	10000000	85300	27700	40000	51000	230000	18000	212000	146000
Beryllium	µg/kg	2700000	310	380	320	230	470	87	240	140
Cadmium	µg/kg	60000	470	ND (69)	ND (44)	ND (43)	220	1100	9	ND (55)
Calcium	µg/kg	-	13800000	939000	550000	1020000	10300000	1150000	ND (8500)	1530000 J
Chromium	µg/kg	-	14500	18400	16500	21700	51500	13600	170	15100 J
Cobalt	µg/kg	-	9200	6700	3800	6300	32500	6700	125000	21400
Copper	µg/kg	10000000	169000	60600	90200	92200	3280000	211000	2510000	2030000
Iron	µg/kg	-	13900000 J	19000000 J	34800000	20400000	51500000 J	13700000 J	498000	478000
Lead	µg/kg	3900000	162000	10500	10900	15100	891000	4500	8200 J	120000 J
Magnesium	µg/kg	-	6570000	2590000	1600000	2950000	2470000	1170000	14800	800000 J
Manganese	µg/kg	10000000	276000	165000	246000	186000	237000	114000	490 J	55700 J
Mercury	µg/kg	5700	2600	ND (50)	ND (50)	ND (47)	2000	ND (55)	5400	3800
Nickel	µg/kg	10000000	36200 J	11800 J	8000	12700	35000 J	13000 J	15400	7400
Potassium	µg/kg	-	1290000 J	713000 J	747000	1260000	1650000 J	257000 J	654000	1530000
Selenium	µg/kg	6800000	3400 J	ND (850) J	2400	970	12000 J	ND (810) J	550 J	58400 J
Silver	µg/kg	6800000	580	ND (140)	ND (270) J	ND (200) J	3500	ND (130)	10700 J	21900 J
Sodium	µg/kg	-	178000	91000	116000	178000	560000	88200	121000	557000
Thallium	µg/kg	-	ND (1800)	ND (1800)	4800	2100	4200	ND (1500)	59	13300 J
Vanadium	µg/kg	-	27600	26200	28900	34400	36600	18600	20600	22200 J
Zinc	µg/kg	10000000	205000 J	45500 J	21900	29000	1780000 J	372000 J	8600	369000 J

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*BH7-99*	*BH7-99*	*BH8-00*	*BH8-00*	*BH8-99*	*BH8-99*	*BH9-00*	*BH9-00*
Sample ID:			*S-JRR-035*	*S-JRR-036*	*S-MEJ-416*	*S-MEJ-417*	*S-JRR-039*	*S-JRR-040*	*S-MEJ-420*	*S-MEJ-421*
Sample Date:			*8/4/1999*	*8/4/1999*	*9/5/2000*	*9/5/2000*	*8/4/1999*	*8/4/1999*	*9/6/2000*	*9/6/2000*
Sample Depth:			*2-4 ft BGS*	*8-10 ft BGS*	*3-5 ft BGS*	*9-11 ft BGS*	*2-4 ft BGS*	*8-10 ft BGS*	*2.8-4.8 ft BGS*	*8.8-10.8 ft BGS*
Parameter	*Units*	*RUSCO Criteria*								
PCBs										
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (36)	ND (38)	-	-	ND (35)	ND (36)	-	-
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (73)	ND (77)	-	-	ND (71)	ND (73)	-	-
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (36)	ND (38)	-	-	ND (35)	ND (36)	-	-
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (36)	ND (38)	-	-	ND (35)	ND (36)	-	-
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (36)	ND (38)	-	-	ND (35)	ND (36)	-	-
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (36)	ND (38)	-	-	ND (35)	ND (36)	-	-
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (36)	ND (38)	-	-	ND (35)	ND (36)	-	-
Total PCBs	µg/kg	-	ND	ND	-	-	ND	ND	-	-
Pesticides										
4,4'-DDD	µg/kg	180000	ND (3.6)	ND (3.8)	-	-	ND (3.5)	ND (3.6)	-	-
4,4'-DDE	µg/kg	120000	ND (3.6)	ND (3.8)	-	-	ND (3.5)	ND (3.6)	-	-
4,4'-DDT	µg/kg	94000	ND (3.6)	ND (3.8)	-	-	2.5 J	ND (3.6)	-	-
Aldrin	µg/kg	1400	ND (1.8)	ND (1.9)	-	-	ND (1.8)	ND (1.8)	-	-
alpha-BHC	µg/kg	6800	ND (1.8)	ND (1.9)	-	-	ND (1.8)	ND (1.8)	-	-
alpha-Chlordane	µg/kg	47000	ND (1.8)	ND (1.9)	-	-	ND (1.8)	ND (1.8)	-	-
beta-BHC	µg/kg	14000	ND (1.8)	ND (1.9)	-	-	ND (1.8)	ND (1.8)	-	-
delta-BHC	µg/kg	1000000	ND (1.8)	ND (1.9)	-	-	ND (1.8)	ND (1.8)	-	-
Dieldrin	µg/kg	2800	ND (3.6)	ND (3.8)	-	-	ND (3.5)	ND (3.6)	-	-
Endosulfan I	µg/kg	920000	ND (1.8)	ND (1.9)	-	-	ND (1.8)	ND (1.8)	-	-
Endosulfan II	µg/kg	920000	ND (3.6)	ND (3.8)	-	-	ND (3.5)	ND (3.6)	-	-
Endosulfan sulfate	µg/kg	920000	ND (3.6)	ND (3.8)	-	-	ND (3.5)	ND (3.6)	-	-
Endrin	µg/kg	410000	ND (3.6)	ND (3.8)	-	-	ND (3.5)	ND (3.6)	-	-
Endrin aldehyde	µg/kg	-	ND (3.6)	ND (3.8)	-	-	ND (3.5)	ND (3.6)	-	-
Endrin ketone	µg/kg	-	ND (3.6)	ND (3.8)	-	-	4.4	ND (3.6)	-	-
gamma-BHC (lindane)	µg/kg	23000	ND (1.8)	ND (1.9)	-	-	ND (1.8)	ND (1.8)	-	-
gamma-Chlordane	µg/kg	-	ND (1.8)	ND (1.9)	-	-	ND (1.8)	ND (1.8)	-	-
Heptachlor	µg/kg	29000	ND (1.8)	ND (1.9)	-	-	ND (1.8)	ND (1.8)	-	-
Heptachlor epoxide	µg/kg	-	ND (1.8)	ND (1.9)	-	-	ND (1.8)	ND (1.8)	-	-
Methoxychlor	µg/kg	-	ND (18)	ND (19)	-	-	ND (18)	ND (18)	-	-
Toxaphene	µg/kg	-	ND (180)	ND (190)	-	-	ND (180)	ND (180)	-	-
Petroleum Hydrocarbons										
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*BH7-99*	*BH7-99*	*BH8-00*	*BH8-00*	*BH8-99*	*BH8-99*	*BH9-00*	*BH9-00*
Sample ID:			*S-JRR-035*	*S-JRR-036*	*S-MEJ-416*	*S-MEJ-417*	*S-JRR-039*	*S-JRR-040*	*S-MEJ-420*	*S-MEJ-421*
Sample Date:			*8/4/1999*	*8/4/1999*	*9/5/2000*	*9/5/2000*	*8/4/1999*	*8/4/1999*	*9/6/2000*	*9/6/2000*
Sample Depth:			*2-4 ft BGS*	*8-10 ft BGS*	*3-5 ft BGS*	*9-11 ft BGS*	*2-4 ft BGS*	*8-10 ft BGS*	*2.8-4.8 ft BGS*	*8.8-10.8 ft BGS*
Parameter	*Units*	*RUSCO Criteria*								
General Chemistry										
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	ND (540)	ND (570)	-	-	ND (530)	ND (550)	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-	-	-
pH	s.u.	-	-	-	4.45	4.55	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	1410000	1230000	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-	-
Total solids	%	-	-	-	91.3	92.6	-	-	75.1	73
Total volatile solids	%	-	-	-	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits (Inorganics).

B - Method blank contamintion (Organics).

D - Compounds at secondary dilution factor.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

N - Sample recovery not within control limits.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

- - Not applicable.

- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*BH9-00*	*BH10-00*	*BH10-00*	*BH10-00*	*BH11-00*	*BH11-00*	*BH11-00*	*BH12-00*
Sample ID:			*S-MEJ-422*	*S-AMD-463*	*S-AMD-464*	*S-AMD-465*	*S-AMD-466*	*S-AMD-467*	*S-AMD-468*	*S-MEJ-424*
Sample Date:			*9/6/2000*	*9/11/2000*	*9/11/2000*	*9/11/2000*	*9/11/2000*	*9/11/2000*	*9/11/2000*	*9/6/2000*
Sample Depth:			*8.8-10.8 ft BGS*	*1.5-2.5 ft BGS*	*3.5-5.5 ft BGS*	*9.5-11.5 ft BGS*	*2-3 ft BGS*	*4-6 ft BGS*	*10-12 ft BGS*	*3-5 ft BGS*
		RUSCO	*Duplicate*							
Parameter	*Units*	*Criteria*								
Volatiles										
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*BH9-00*	*BH10-00*	*BH10-00*	*BH10-00*	*BH11-00*	*BH11-00*	*BH11-00*	*BH12-00*
Sample ID:			*S-MEJ-422*	*S-AMD-463*	*S-AMD-464*	*S-AMD-465*	*S-AMD-466*	*S-AMD-467*	*S-AMD-468*	*S-MEJ-424*
Sample Date:			*9/6/2000*	*9/11/2000*	*9/11/2000*	*9/11/2000*	*9/11/2000*	*9/11/2000*	*9/11/2000*	*9/6/2000*
Sample Depth:			*8.8-10.8 ft BGS*	*1.5-2.5 ft BGS*	*3.5-5.5 ft BGS*	*9.5-11.5 ft BGS*	*2-3 ft BGS*	*4-6 ft BGS*	*10-12 ft BGS*	*3-5 ft BGS*
		RUSCO	*Duplicate*							
Parameter	*Units*	*Criteria*								
m&p-Xylenes	µg/kg	-	-	-	-	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-	-	-	-
Semi-Volatiles										
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*BH9-00*	*BH10-00*	*BH10-00*	*BH10-00*	*BH11-00*	*BH11-00*	*BH11-00*	*BH12-00*
Sample ID:			*S-MEJ-422*	*S-AMD-463*	*S-AMD-464*	*S-AMD-465*	*S-AMD-466*	*S-AMD-467*	*S-AMD-468*	*S-MEJ-424*
Sample Date:			*9/6/2000*	*9/11/2000*	*9/11/2000*	*9/11/2000*	*9/11/2000*	*9/11/2000*	*9/11/2000*	*9/6/2000*
Sample Depth:			*8.8-10.8 ft BGS*	*1.5-2.5 ft BGS*	*3.5-5.5 ft BGS*	*9.5-11.5 ft BGS*	*2-3 ft BGS*	*4-6 ft BGS*	*10-12 ft BGS*	*3-5 ft BGS*
		RUSCO	*Duplicate*							
Parameter	*Units*	*Criteria*								
3-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*BH9-00*	*BH10-00*	*BH10-00*	*BH10-00*	*BH11-00*	*BH11-00*	*BH11-00*	*BH12-00*
Sample ID:			*S-MEJ-422*	*S-AMD-463*	*S-AMD-464*	*S-AMD-465*	*S-AMD-466*	*S-AMD-467*	*S-AMD-468*	*S-MEJ-424*
Sample Date:			*9/6/2000*	*9/11/2000*	*9/11/2000*	*9/11/2000*	*9/11/2000*	*9/11/2000*	*9/11/2000*	*9/6/2000*
Sample Depth:			*8.8-10.8 ft BGS*	*1.5-2.5 ft BGS*	*3.5-5.5 ft BGS*	*9.5-11.5 ft BGS*	*2-3 ft BGS*	*4-6 ft BGS*	*10-12 ft BGS*	*3-5 ft BGS*
		RUSCO	*Duplicate*							
Parameter	*Units*	*Criteria*								
Isophorone	µg/kg	-	-	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-	-	-	-
Metals										
Aluminum	µg/kg	-	7860000	7180000	1190000	2390000	5630000	874000	2910000	1120000
Antimony	µg/kg	-	190 J	2300 J	2100 J	340 J	ND (950) J	94600 J	54900 J	10600 J
Arsenic	µg/kg	16000	**151000**	10800	11800	**46500**	2900	**76700**	**297000**	**70300**
Barium	µg/kg	10000000	230000	88700	42100	51900	54600	141000	147000	99000
Beryllium	µg/kg	2700000	150	400	120	55	520	93	160	82
Cadmium	µg/kg	60000	5.5	340	83	110	710	1200	1400	ND (44)
Calcium	µg/kg	-	39100 J	2280000	429000	1740000	4440000	498000	1340000	860000
Chromium	µg/kg	-	230 J	21500 J	7500 J	11500 J	74600 J	3300 J	43400 J	6300
Cobalt	µg/kg	-	23200	6300	1300	1900	31500	2300	18500	38400
Copper	µg/kg	10000000	1050000	27000	61100	48600	700000	127000	523000	512000
Iron	µg/kg	-	582000	23900000	8250000	24200000	44300000	3820000	27600000	30800000
Lead	µg/kg	3900000	81700 J	830000 J	56700 J	558000 J	143000 J	**52400000 J**	**38500000 J**	1170000 J
Magnesium	µg/kg	-	12200 J	2350000	300000	1130000	2800000	74600	851000	226000
Manganese	µg/kg	10000000	850 J	226000	18300	111000	353000	18500	126000	29300 J
Mercury	µg/kg	5700	2300	3400	1100	910	200	**354000**	**276000**	840
Nickel	µg/kg	10000000	8600	14900	3100	4400	25900	4500	15900	7000
Potassium	µg/kg	-	1730000	1000000	342000	2580000	1380000	190000	533000	642000
Selenium	µg/kg	6800000	360 J	1400	2300	3400	2600	890000	702000	22200 J
Silver	µg/kg	6800000	16800 J	310 J	1400 J	200 J	570 J	7700 J	7400 J	4100 J
Sodium	µg/kg	-	663000	204000	157000	765000	263000	91000	274000	438000
Thallium	µg/kg	-	41 J	1700	590	2100	4000	ND (280)	3000	5600
Vanadium	µg/kg	-	330 J	32500	40600	19000	32500	4700	12800	13100
Zinc	µg/kg	10000000	2900 J	293000	17900	35700	2940000	86000	1870000	229000

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*BH9-00*	*BH10-00*	*BH10-00*	*BH10-00*	*BH11-00*	*BH11-00*	*BH11-00*	*BH12-00*
Sample ID:			*S-MEJ-422*	*S-AMD-463*	*S-AMD-464*	*S-AMD-465*	*S-AMD-466*	*S-AMD-467*	*S-AMD-468*	*S-MEJ-424*
Sample Date:			*9/6/2000*	*9/11/2000*	*9/11/2000*	*9/11/2000*	*9/11/2000*	*9/11/2000*	*9/11/2000*	*9/6/2000*
Sample Depth:			*8.8-10.8 ft BGS*	*1.5-2.5 ft BGS*	*3.5-5.5 ft BGS*	*9.5-11.5 ft BGS*	*2-3 ft BGS*	*4-6 ft BGS*	*10-12 ft BGS*	*3-5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*	*Duplicate*							
PCBs										
Aroclor-1016 (PCB-1016)	µg/kg	-	-	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	µg/kg	-	-	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	µg/kg	-	-	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	µg/kg	-	-	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	µg/kg	-	-	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	µg/kg	-	-	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	µg/kg	-	-	-	-	-	-	-	-	-
Total PCBs	µg/kg	-	-	-	-	-	-	-	-	-
Pesticides										
4,4'-DDD	µg/kg	180000	-	-	-	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-	-	-	-
Petroleum Hydrocarbons										
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*BH9-00*	*BH10-00*	*BH10-00*	*BH10-00*	*BH11-00*	*BH11-00*	*BH11-00*	*BH12-00*
Sample ID:			*S-MEJ-422*	*S-AMD-463*	*S-AMD-464*	*S-AMD-465*	*S-AMD-466*	*S-AMD-467*	*S-AMD-468*	*S-MEJ-424*
Sample Date:			*9/6/2000*	*9/11/2000*	*9/11/2000*	*9/11/2000*	*9/11/2000*	*9/11/2000*	*9/11/2000*	*9/6/2000*
Sample Depth:			*8.8-10.8 ft BGS*	*1.5-2.5 ft BGS*	*3.5-5.5 ft BGS*	*9.5-11.5 ft BGS*	*2-3 ft BGS*	*4-6 ft BGS*	*10-12 ft BGS*	*3-5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*	*Duplicate*							
General Chemistry										
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-	-	-
pH	s.u.	-	-	8.35	7.7	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	25300000	177000000	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-	-
Total solids	%	-	81.1	86.7	79	80.8	89.4	81.3	82.6	90
Total volatile solids	%	-	-	-	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*BH12-00*	*BH13-00*	*BH13-00*	*BH14-00*	*BH14-00*	*BH14-00*	*BH15-00*	*BH16-00*
Sample ID:			*S-MEJ-425*	*S-MEJ-413*	*S-MEJ-414*	*S-MEJ-406*	*S-MEJ-407*	*S-MEJ-408*	*S-AMD-438*	*S-AMD-462*
Sample Date:			*9/6/2000*	*9/5/2000*	*9/5/2000*	*9/5/2000*	*9/5/2000*	*9/5/2000*	*9/7/2000*	*9/11/2000*
Sample Depth:			*9-11 ft BGS*	*3-5 ft BGS*	*9-11 ft BGS*	*3-4 ft BGS*	*5-7 ft BGS*	*11-13 ft BGS*	*3-5 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*								
Volatiles										
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*BH12-00*	*BH13-00*	*BH13-00*	*BH14-00*	*BH14-00*	*BH14-00*	*BH15-00*	*BH16-00*
Sample ID:			*S-MEJ-425*	*S-MEJ-413*	*S-MEJ-414*	*S-MEJ-406*	*S-MEJ-407*	*S-MEJ-408*	*S-AMD-438*	*S-AMD-462*
Sample Date:			*9/6/2000*	*9/5/2000*	*9/5/2000*	*9/5/2000*	*9/5/2000*	*9/5/2000*	*9/7/2000*	*9/11/2000*
Sample Depth:			*9-11 ft BGS*	*3-5 ft BGS*	*9-11 ft BGS*	*3-4 ft BGS*	*5-7 ft BGS*	*11-13 ft BGS*	*3-5 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*								
m&p-Xylenes	µg/kg	-	-	-	-	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-	-	-	-
Semi-Volatiles										
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*BH12-00*	*BH13-00*	*BH13-00*	*BH14-00*	*BH14-00*	*BH14-00*	*BH15-00*	*BH16-00*
Sample ID:			*S-MEJ-425*	*S-MEJ-413*	*S-MEJ-414*	*S-MEJ-406*	*S-MEJ-407*	*S-MEJ-408*	*S-AMD-438*	*S-AMD-462*
Sample Date:			*9/6/2000*	*9/5/2000*	*9/5/2000*	*9/5/2000*	*9/5/2000*	*9/5/2000*	*9/7/2000*	*9/11/2000*
Sample Depth:			*9-11 ft BGS*	*3-5 ft BGS*	*9-11 ft BGS*	*3-4 ft BGS*	*5-7 ft BGS*	*11-13 ft BGS*	*3-5 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*								
3-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*BH12-00*	*BH13-00*	*BH13-00*	*BH14-00*	*BH14-00*	*BH14-00*	*BH15-00*	*BH16-00*
Sample ID:			*S-MEJ-425*	*S-MEJ-413*	*S-MEJ-414*	*S-MEJ-406*	*S-MEJ-407*	*S-MEJ-408*	*S-AMD-438*	*S-AMD-462*
Sample Date:			*9/6/2000*	*9/5/2000*	*9/5/2000*	*9/5/2000*	*9/5/2000*	*9/5/2000*	*9/7/2000*	*9/11/2000*
Sample Depth:			*9-11 ft BGS*	*3-5 ft BGS*	*9-11 ft BGS*	*3-4 ft BGS*	*5-7 ft BGS*	*11-13 ft BGS*	*3-5 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*								
Isophorone	µg/kg	-	-	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-	-	-	-
Metals										
Aluminum	µg/kg	-	3190000	2900000	2630000	9970000	7600000	10700000	2370000	9280000
Antimony	µg/kg	-	7300 J	2400 J	4300 J	ND (190) J	34500 J	32000 J	ND (180) J	40500 J
Arsenic	µg/kg	16000	**327000**	**23900 J**	**39200 J**	2900 J	**292000 J**	**1360000 J**	**21600**	6800
Barium	µg/kg	10000000	78900	56100	41800	47100	191000	381000	15200	95300
Beryllium	µg/kg	2700000	130	240	120	490	370	370	95	540
Cadmium	µg/kg	60000	540	210	ND (46)	ND (44)	520	380	ND (41)	500
Calcium	µg/kg	-	6810000	2430000	359000	820000	15800000	15200000	886000	10300000
Chromium	µg/kg	-	15500	8600	9900	16200	87200	69900	13300	19500 J
Cobalt	µg/kg	-	23800	4100	3800	6300	57600	16600	1800	20600
Copper	µg/kg	10000000	696000	1740000	130000	11300	3490000	1010000	9300	297000
Iron	µg/kg	-	31500000	12100000	15600000	20500000	55100000	42300000	6580000	51200000
Lead	µg/kg	3900000	936000 J	110000	223000	9600	983000	**5410000**	3400 J	78800 J
Magnesium	µg/kg	-	1230000	1440000	694000	1970000	3920000	12100000	1000000	3980000
Manganese	µg/kg	10000000	64000 J	163000	51100	303000	268000	427000	66500 J	682000
Mercury	µg/kg	5700	1600	170 J	570 J	ND (52)	890 J	**71200 J**	ND (49)	ND (51)
Nickel	µg/kg	10000000	13900	17200	7600	13300	60600	64600	4100	32200
Potassium	µg/kg	-	1040000	432000	681000	754000	1150000	1430000	563000	2740000
Selenium	µg/kg	6800000	45100 J	1500	23400	1300	35000	114000	ND (180) J	2600
Silver	µg/kg	6800000	1200 J	440 J	3900 J	ND (220) J	12400 J	5100 J	ND (52) J	700 J
Sodium	µg/kg	-	408000	137000	230000	140000	477000	536000	85300	370000
Thallium	µg/kg	-	4300	1100	1700	2000	5800	12300	450	3800
Vanadium	µg/kg	-	15900	13700	16100	24600	34900	34800	10600	38700
Zinc	µg/kg	10000000	666000	102000	31300	32100	4310000	587000	11000	264000

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*BH12-00*	*BH13-00*	*BH13-00*	*BH14-00*	*BH14-00*	*BH14-00*	*BH15-00*	*BH16-00*
Sample ID:			*S-MEJ-425*	*S-MEJ-413*	*S-MEJ-414*	*S-MEJ-406*	*S-MEJ-407*	*S-MEJ-408*	*S-AMD-438*	*S-AMD-462*
Sample Date:			*9/6/2000*	*9/5/2000*	*9/5/2000*	*9/5/2000*	*9/5/2000*	*9/5/2000*	*9/7/2000*	*9/11/2000*
Sample Depth:			*9-11 ft BGS*	*3-5 ft BGS*	*9-11 ft BGS*	*3-4 ft BGS*	*5-7 ft BGS*	*11-13 ft BGS*	*3-5 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*								
PCBs										
Aroclor-1016 (PCB-1016)	µg/kg	-	-	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	µg/kg	-	-	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	µg/kg	-	-	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	µg/kg	-	-	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	µg/kg	-	-	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	µg/kg	-	-	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	µg/kg	-	-	-	-	-	-	-	-	-
Total PCBs	µg/kg	-	-	-	-	-	-	-	-	-
Pesticides										
4,4'-DDD	µg/kg	180000	-	-	-	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-	-	-	-
Petroleum Hydrocarbons										
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*BH12-00*	*BH13-00*	*BH13-00*	*BH14-00*	*BH14-00*	*BH14-00*	*BH15-00*	*BH16-00*
Sample ID:			*S-MEJ-425*	*S-MEJ-413*	*S-MEJ-414*	*S-MEJ-406*	*S-MEJ-407*	*S-MEJ-408*	*S-AMD-438*	*S-AMD-462*
Sample Date:			*9/6/2000*	*9/5/2000*	*9/5/2000*	*9/5/2000*	*9/5/2000*	*9/5/2000*	*9/7/2000*	*9/11/2000*
Sample Depth:			*9-11 ft BGS*	*3-5 ft BGS*	*9-11 ft BGS*	*3-4 ft BGS*	*5-7 ft BGS*	*11-13 ft BGS*	*3-5 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*								
General Chemistry										
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-	-	-
pH	s.u.	-	-	4.52	6.5	-	-	-	5.91	-
pH (water)	s.u.	-	-	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	1120000	103000000	-	-	-	269000	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-	-
Total solids	%	-	78.5	89.5	87.3	91.4	88.7	86.3	96.9	93.5
Total volatile solids	%	-	-	-	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*BH17-00*	*BH18-00*	*BH19-00*	*BH20-00*	*BH20-00*	*BH21-00*	*BH22-00*	*BH23-00*
Sample ID:			*S-AMD-436*	*S-AMD-440*	*S-AMD-453*	*S-AMD-455*	*S-AMD-456*	*S-AMD-458*	*S-MEJ-499*	*S-AMD-470*
Sample Date:			*9/7/2000*	*9/7/2000*	*9/11/2000*	*9/11/2000*	*9/11/2000*	*9/11/2000*	*9/12/2000*	*9/11/2000*
Sample Depth:			*3-5 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*8-10 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*								
Volatiles										
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*BH17-00*	*BH18-00*	*BH19-00*	*BH20-00*	*BH20-00*	*BH21-00*	*BH22-00*	*BH23-00*
Sample ID:			*S-AMD-436*	*S-AMD-440*	*S-AMD-453*	*S-AMD-455*	*S-AMD-456*	*S-AMD-458*	*S-MEJ-499*	*S-AMD-470*
Sample Date:			*9/7/2000*	*9/7/2000*	*9/11/2000*	*9/11/2000*	*9/11/2000*	*9/11/2000*	*9/12/2000*	*9/11/2000*
Sample Depth:			*3-5 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*8-10 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*								
m&p-Xylenes	µg/kg	-	-	-	-	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-	-	-	-
Semi-Volatiles										
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*BH17-00*	*BH18-00*	*BH19-00*	*BH20-00*	*BH20-00*	*BH21-00*	*BH22-00*	*BH23-00*
Sample ID:			*S-AMD-436*	*S-AMD-440*	*S-AMD-453*	*S-AMD-455*	*S-AMD-456*	*S-AMD-458*	*S-MEJ-499*	*S-AMD-470*
Sample Date:			*9/7/2000*	*9/7/2000*	*9/11/2000*	*9/11/2000*	*9/11/2000*	*9/11/2000*	*9/12/2000*	*9/11/2000*
Sample Depth:			*3-5 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*8-10 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*								
3-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*BH17-00*	*BH18-00*	*BH19-00*	*BH20-00*	*BH20-00*	*BH21-00*	*BH22-00*	*BH23-00*
Sample ID:			*S-AMD-436*	*S-AMD-440*	*S-AMD-453*	*S-AMD-455*	*S-AMD-456*	*S-AMD-458*	*S-MEJ-499*	*S-AMD-470*
Sample Date:			*9/7/2000*	*9/7/2000*	*9/11/2000*	*9/11/2000*	*9/11/2000*	*9/11/2000*	*9/12/2000*	*9/11/2000*
Sample Depth:			*3-5 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*8-10 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*								
Isophorone	µg/kg	-	-	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-	-	-	-
Metals										
Aluminum	µg/kg	-	1920000	4570000	3900000	10200000	6830000	7920000	7130000	6620000
Antimony	µg/kg	-	260 J	2500 J	3500 J	2700 J	2600 J	940 J	1800 J	1600 J
Arsenic	µg/kg	16000	1000	6800	10100	10300	9000	7700	10700 J	10100
Barium	µg/kg	10000000	13400	2050000	79000	166000	154000	173000	122000	88600
Beryllium	µg/kg	2700000	73	300	250	500	470	510	440	360
Cadmium	µg/kg	60000	ND (42)	2100	1100	950	930	1100	1200	820
Calcium	µg/kg	-	536000	36000000	30000000	18600000	14200000	31300000	2560000	3850000
Chromium	µg/kg	-	16200	43900	14800 J	32600 J	18800 J	20200 J	20500	17700 J
Cobalt	µg/kg	-	1400	8600	5000	9200	7800	8700	8000 J	8200
Copper	µg/kg	10000000	19200	153000	428000	350000	329000	182000	420000	423000
Iron	µg/kg	-	4270000	10600000	11100000	21200000	17900000	24400000	16300000	15400000
Lead	µg/kg	3900000	8700 J	841000 J	155000 J	265000 J	238000 J	249000 J	**7420000**	255000 J
Magnesium	µg/kg	-	855000	3360000	4150000	5560000	3840000	8530000	2670000	2610000
Manganese	µg/kg	10000000	23500 J	254000 J	187000	289000	271000	339000	269000	333000
Mercury	µg/kg	5700	ND (52)	1600	290	660	960	360	460	300
Nickel	µg/kg	10000000	2900	20700	16200	40800	21100	30800	25600 J	17600
Potassium	µg/kg	-	729000	632000	559000	2300000	1090000	1220000	1510000	903000
Selenium	µg/kg	6800000	660 J	1500 J	1800	2200	1900	1400	1600	4800
Silver	µg/kg	6800000	ND (52) J	1400 J	1600 J	5600 J	4600 J	1000 J	2200 J	1200 J
Sodium	µg/kg	-	54600	205000	156000	371000	310000	317000	156000	111000
Thallium	µg/kg	-	390	ND (280)	ND (240)	940	600	1200	ND (250)	920
Vanadium	µg/kg	-	8400	23200	27400	34700	25200	28600	25300	29700
Zinc	µg/kg	10000000	11800	1200000	236000	515000	378000	345000	423000	240000

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*BH17-00*	*BH18-00*	*BH19-00*	*BH20-00*	*BH20-00*	*BH21-00*	*BH22-00*	*BH23-00*
Sample ID:			*S-AMD-436*	*S-AMD-440*	*S-AMD-453*	*S-AMD-455*	*S-AMD-456*	*S-AMD-458*	*S-MEJ-499*	*S-AMD-470*
Sample Date:			*9/7/2000*	*9/7/2000*	*9/11/2000*	*9/11/2000*	*9/11/2000*	*9/11/2000*	*9/12/2000*	*9/11/2000*
Sample Depth:			*3-5 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*8-10 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*								
PCBs										
Aroclor-1016 (PCB-1016)	µg/kg	-	-	-	ND (35)	ND (38) J	-	ND (37)	ND (36)	ND (36)
Aroclor-1221 (PCB-1221)	µg/kg	-	-	-	ND (70)	ND (76) J	-	ND (74)	ND (72)	ND (71)
Aroclor-1232 (PCB-1232)	µg/kg	-	-	-	ND (35)	ND (38) J	-	ND (37)	ND (36)	ND (36)
Aroclor-1242 (PCB-1242)	µg/kg	-	-	-	ND (35)	ND (38) J	-	ND (37)	ND (36)	ND (36)
Aroclor-1248 (PCB-1248)	µg/kg	-	-	-	ND (35)	ND (38) J	-	ND (37)	ND (36)	ND (36)
Aroclor-1254 (PCB-1254)	µg/kg	-	-	-	71	100 J	-	ND (37)	140	ND (36)
Aroclor-1260 (PCB-1260)	µg/kg	-	-	-	96	55 J	-	ND (37)	ND (36)	64
Total PCBs	µg/kg	-	-	-	167	155	-	ND	140	64
Pesticides										
4,4'-DDD	µg/kg	180000	-	-	-	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-	-	-	-
Petroleum Hydrocarbons										
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*BH17-00*	*BH18-00*	*BH19-00*	*BH20-00*	*BH20-00*	*BH21-00*	*BH22-00*	*BH23-00*
Sample ID:			*S-AMD-436*	*S-AMD-440*	*S-AMD-453*	*S-AMD-455*	*S-AMD-456*	*S-AMD-458*	*S-MEJ-499*	*S-AMD-470*
Sample Date:			*9/7/2000*	*9/7/2000*	*9/11/2000*	*9/11/2000*	*9/11/2000*	*9/11/2000*	*9/12/2000*	*9/11/2000*
Sample Depth:			*3-5 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*8-10 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*								
General Chemistry										
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-	-	-
pH	s.u.	-	-	7.85	-	8.56	9.15	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	22600000	-	9520000	22000000	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-	-
Total solids	%	-	96	81.1	94.7	88	92.5	90.3	92.3	93.5
Total volatile solids	%	-	-	-	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*BH24-00*	*BH25-00*	*BH25-00*	*BH26-00*	*BH27-00*	*BH27-00*	*BH28-00*	*BH28-00*
Sample ID:			*S-AMD-472*	*S-AMD-474*	*S-MEJ-497*	*S-AMD-460*	*S-MEJ-488*	*S-MEJ-489*	*S-MEJ-491*	*S-MEJ-492*
Sample Date:			*9/11/2000*	*9/11/2000*	*9/12/2000*	*9/11/2000*	*9/12/2000*	*9/12/2000*	*9/12/2000*	*9/12/2000*
Sample Depth:			*2-4 ft BGS*	*2-4 ft BGS*	*8-10 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*8-10 ft BGS*	*2-4 ft BGS*	*8-10 ft BGS*
Parameter	*Units*	*RUSCO Criteria*								
Volatiles										
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*BH24-00*	*BH25-00*	*BH25-00*	*BH26-00*	*BH27-00*	*BH27-00*	*BH28-00*	*BH28-00*
Sample ID:			*S-AMD-472*	*S-AMD-474*	*S-MEJ-497*	*S-AMD-460*	*S-MEJ-488*	*S-MEJ-489*	*S-MEJ-491*	*S-MEJ-492*
Sample Date:			*9/11/2000*	*9/11/2000*	*9/12/2000*	*9/11/2000*	*9/12/2000*	*9/12/2000*	*9/12/2000*	*9/12/2000*
Sample Depth:			*2-4 ft BGS*	*2-4 ft BGS*	*8-10 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*8-10 ft BGS*	*2-4 ft BGS*	*8-10 ft BGS*
Parameter	*Units*	*RUSCO Criteria*								
m&p-Xylenes	µg/kg	-	-	-	-	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-	-	-	-
Semi-Volatiles										
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*BH24-00*	*BH25-00*	*BH25-00*	*BH26-00*	*BH27-00*	*BH27-00*	*BH28-00*	*BH28-00*
Sample ID:			*S-AMD-472*	*S-AMD-474*	*S-MEJ-497*	*S-AMD-460*	*S-MEJ-488*	*S-MEJ-489*	*S-MEJ-491*	*S-MEJ-492*
Sample Date:			*9/11/2000*	*9/11/2000*	*9/12/2000*	*9/11/2000*	*9/12/2000*	*9/12/2000*	*9/12/2000*	*9/12/2000*
Sample Depth:			*2-4 ft BGS*	*2-4 ft BGS*	*8-10 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*8-10 ft BGS*	*2-4 ft BGS*	*8-10 ft BGS*
Parameter	*Units*	*RUSCO Criteria*								
3-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*BH24-00*	*BH25-00*	*BH25-00*	*BH26-00*	*BH27-00*	*BH27-00*	*BH28-00*	*BH28-00*
Sample ID:			*S-AMD-472*	*S-AMD-474*	*S-MEJ-497*	*S-AMD-460*	*S-MEJ-488*	*S-MEJ-489*	*S-MEJ-491*	*S-MEJ-492*
Sample Date:			*9/11/2000*	*9/11/2000*	*9/12/2000*	*9/11/2000*	*9/12/2000*	*9/12/2000*	*9/12/2000*	*9/12/2000*
Sample Depth:			*2-4 ft BGS*	*2-4 ft BGS*	*8-10 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*8-10 ft BGS*	*2-4 ft BGS*	*8-10 ft BGS*
Parameter	*Units*	*RUSCO Criteria*								
Isophorone	µg/kg	-	-	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-	-	-	-
Metals										
Aluminum	µg/kg	-	8840000	5150000	6880000	5610000	2250000	3390000	2220000	5540000
Antimony	µg/kg	-	410 J	180 J	1200 J	900 J	11400 J	68300 J	1080000 J	92300 J
Arsenic	µg/kg	16000	2600	1300 J	7400 J	4300	**2530000 J**	**3820000 J**	**724000 J**	**1440000 J**
Barium	µg/kg	10000000	45400	33300	71800	36500	147000	44900	331000	179000
Beryllium	µg/kg	2700000	380	290	480	290	100	110	130	110
Cadmium	µg/kg	60000	350	240	580	450	330	420	800	600
Calcium	µg/kg	-	613000	556000	3110000	822000	396000	3100000	1720000	1320000
Chromium	µg/kg	-	17800 J	14200 J	23700	13900 J	10600	13800	25400	16400
Cobalt	µg/kg	-	7100	5500	7900	7500	5900	7200	5100	28000
Copper	µg/kg	10000000	298000	107000 J	238000 J	281000	1380000 J	2140000 J	735000 J	2390000 J
Iron	µg/kg	-	16300000	10800000	17300000	13600000	13600000	14600000	19600000	28700000
Lead	µg/kg	3900000	38100 J	11900 J	123000	52000 J	361000	403000	2450000	**45200000 J**
Magnesium	µg/kg	-	1970000	1530000	3100000	1840000	324000	948000	802000	437000
Manganese	µg/kg	10000000	353000	255000	238000	298000	24100	45500	64600	54600
Mercury	µg/kg	5700	360	ND (53)	160	74	1000	380	750	1800
Nickel	µg/kg	10000000	17900	9000	27900 J	13400	96600 J	253000 J	572000 J	329000 J
Potassium	µg/kg	-	751000	526000	1240000	675000	430000	522000	676000	1480000
Selenium	µg/kg	6800000	2000	700	1100	5300	43600	213000	122000	55800
Silver	µg/kg	6800000	320 J	120 J	750 J	1000 J	3000 J	10500 J	45000 J	5600 J
Sodium	µg/kg	-	65900	58900	390000	85000	87500	245000	250000	722000
Thallium	µg/kg	-	1200	710	600	680	800	830	1300	2600
Vanadium	µg/kg	-	28500	18800	29500	24100	10500	13500	17900	28900
Zinc	µg/kg	10000000	39800	25100	507000	38600	31600	81000	104000	168000

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*BH24-00*	*BH25-00*	*BH25-00*	*BH26-00*	*BH27-00*	*BH27-00*	*BH28-00*	*BH28-00*
Sample ID:			*S-AMD-472*	*S-AMD-474*	*S-MEJ-497*	*S-AMD-460*	*S-MEJ-488*	*S-MEJ-489*	*S-MEJ-491*	*S-MEJ-492*
Sample Date:			*9/11/2000*	*9/11/2000*	*9/12/2000*	*9/11/2000*	*9/12/2000*	*9/12/2000*	*9/12/2000*	*9/12/2000*
Sample Depth:			*2-4 ft BGS*	*2-4 ft BGS*	*8-10 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*8-10 ft BGS*	*2-4 ft BGS*	*8-10 ft BGS*
Parameter	*Units*	*RUSCO Criteria*								
PCBs										
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (35)	ND (35)	-	ND (35)	ND (39)	-	ND (370)	-
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (70)	ND (71)	-	ND (70)	ND (78)	-	ND (740)	-
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (35)	ND (35)	-	ND (35)	ND (39)	-	ND (370)	-
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (35)	ND (35)	-	ND (35)	ND (39)	-	ND (370)	-
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (35)	ND (35)	-	ND (35)	ND (39)	-	ND (370)	-
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (35)	ND (35)	-	ND (35)	ND (39)	-	3400	-
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (35)	ND (35)	-	ND (35)	ND (39)	-	570	-
Total PCBs	µg/kg	-	ND	ND	-	ND	ND	-	3970	-
Pesticides										
4,4'-DDD	µg/kg	180000	-	-	-	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-	-	-	-
Petroleum Hydrocarbons										
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*BH24-00*	*BH25-00*	*BH25-00*	*BH26-00*	*BH27-00*	*BH27-00*	*BH28-00*	*BH28-00*
Sample ID:			*S-AMD-472*	*S-AMD-474*	*S-MEJ-497*	*S-AMD-460*	*S-MEJ-488*	*S-MEJ-489*	*S-MEJ-491*	*S-MEJ-492*
Sample Date:			*9/11/2000*	*9/11/2000*	*9/12/2000*	*9/11/2000*	*9/12/2000*	*9/12/2000*	*9/12/2000*	*9/12/2000*
Sample Depth:			*2-4 ft BGS*	*2-4 ft BGS*	*8-10 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*8-10 ft BGS*	*2-4 ft BGS*	*8-10 ft BGS*
Parameter	*Units*	*RUSCO Criteria*								
General Chemistry										
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-	-	-
pH	s.u.	-	-	6.81	8.38	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	1700000	14500000	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-	-
Total solids	%	-	95.3	94	97.2	95	85.9	73.5	89.5	83.3
Total volatile solids	%	-	-	-	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*BH28-00*	*BH29-00*	*BH29-00*	*BH30-00*	*BH30-00*	*BH31-00*	*BH32-00*	*BH33-00*
Sample ID:			*S-MEJ-493*	*S-MEJ-485*	*S-MEJ-486*	*S-MEJ-495*	*S-MEJ-496*	*S-MEJ-481*	*S-MEJ-483*	*S-MEJ-478*
Sample Date:			*9/12/2000*	*9/12/2000*	*9/12/2000*	*9/12/2000*	*9/12/2000*	*9/12/2000*	*9/12/2000*	*9/12/2000*
Sample Depth:			*8-10 ft BGS*	*2-4 ft BGS*	*8-10 ft BGS*	*3-5 ft BGS*	*9-11 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*	*Duplicate*							
Volatiles										
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*BH28-00*	*BH29-00*	*BH29-00*	*BH30-00*	*BH30-00*	*BH31-00*	*BH32-00*	*BH33-00*
Sample ID:			*S-MEJ-493*	*S-MEJ-485*	*S-MEJ-486*	*S-MEJ-495*	*S-MEJ-496*	*S-MEJ-481*	*S-MEJ-483*	*S-MEJ-478*
Sample Date:			*9/12/2000*	*9/12/2000*	*9/12/2000*	*9/12/2000*	*9/12/2000*	*9/12/2000*	*9/12/2000*	*9/12/2000*
Sample Depth:			*8-10 ft BGS*	*2-4 ft BGS*	*8-10 ft BGS*	*3-5 ft BGS*	*9-11 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*
		RUSCO	*Duplicate*							
Parameter	*Units*	*Criteria*								
m&p-Xylenes	µg/kg	-	-	-	-	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-	-	-	-
Semi-Volatiles										
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*BH28-00*	*BH29-00*	*BH29-00*	*BH30-00*	*BH30-00*	*BH31-00*	*BH32-00*	*BH33-00*
Sample ID:			*S-MEJ-493*	*S-MEJ-485*	*S-MEJ-486*	*S-MEJ-495*	*S-MEJ-496*	*S-MEJ-481*	*S-MEJ-483*	*S-MEJ-478*
Sample Date:			*9/12/2000*	*9/12/2000*	*9/12/2000*	*9/12/2000*	*9/12/2000*	*9/12/2000*	*9/12/2000*	*9/12/2000*
Sample Depth:			*8-10 ft BGS*	*2-4 ft BGS*	*8-10 ft BGS*	*3-5 ft BGS*	*9-11 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*
		RUSCO	*Duplicate*							
Parameter	*Units*	*Criteria*								
3-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*BH28-00*	*BH29-00*	*BH29-00*	*BH30-00*	*BH30-00*	*BH31-00*	*BH32-00*	*BH33-00*
Sample ID:			*S-MEJ-493*	*S-MEJ-485*	*S-MEJ-486*	*S-MEJ-495*	*S-MEJ-496*	*S-MEJ-481*	*S-MEJ-483*	*S-MEJ-478*
Sample Date:			*9/12/2000*	*9/12/2000*	*9/12/2000*	*9/12/2000*	*9/12/2000*	*9/12/2000*	*9/12/2000*	*9/12/2000*
Sample Depth:			*8-10 ft BGS*	*2-4 ft BGS*	*8-10 ft BGS*	*3-5 ft BGS*	*9-11 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*
		RUSCO	*Duplicate*							
Parameter	*Units*	*Criteria*								
Isophorone	µg/kg	-	-	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-	-	-	-
Metals										
Aluminum	µg/kg	-	7490000	5810000	7370000	4310000	3520000	5530000	5980000	5340000
Antimony	µg/kg	-	75100 J	35900 J	8200 J	20700 J	18800 J	540 J	13400 J	20200 J
Arsenic	µg/kg	16000	**1720000 J**	**124000 J**	**32800 J**	**98400 J**	**400000 J**	**22000 J**	**95500 J**	**557000 J**
Barium	µg/kg	10000000	243000	165000	108000	120000	95500	27500	71400	87100
Beryllium	µg/kg	2700000	140	360	300	250	230	330	250	270
Cadmium	µg/kg	60000	730	2800	55	2200	8900	350	7400	1300
Calcium	µg/kg	-	1860000	15800000	2590000	16400000	29500000	712000	19400000	4840000
Chromium	µg/kg	-	24100	290000	23600	13500	9600	10700	13900	18200
Cobalt	µg/kg	-	17300	242000	101000	25400	55900	21100	19100	40800
Copper	µg/kg	10000000	3020000 J	**15500000 J**	5030000 J	1720000 J	3000000 J	365000 J	**20000000 J**	4230000
Iron	µg/kg	-	29200000	87200000	37000000	23600000	20500000	13300000	15700000	27100000
Lead	µg/kg	3900000	**13500000 J**	515000	732000	**4260000**	**5040000**	13700	1770000	1280000
Magnesium	µg/kg	-	735000	9460000	2550000	8670000	873000	1840000	2880000	1950000
Manganese	µg/kg	10000000	50700	414000	172000	110000	213000	276000	189000	158000
Mercury	µg/kg	5700	1500	380	2200	3800	940	49	560	3700
Nickel	µg/kg	10000000	477000 J	891000 J	508000 J	317000 J	257000 J	446000 J	567000 J	2520000 J
Potassium	µg/kg	-	1560000	1230000	1600000	871000	1030000	629000	1550000	805000
Selenium	µg/kg	6800000	47000	65500	27300	63600	11000	1000	32700	38800
Silver	µg/kg	6800000	5100 J	24000 J	118000 J	4800 J	1800 J	130 J	11800 J	93700 J
Sodium	µg/kg	-	970000	628000	301000	655000	935000	69100	260000	313000
Thallium	µg/kg	-	3100	7200	7900	1500	3200	260	ND (270)	1800
Vanadium	µg/kg	-	33300	23200	26800	19500	20200	19500	21700	15100
Zinc	µg/kg	10000000	213000	2670000	785000	375000	6180000	108000	207000	636000

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*BH28-00*	*BH29-00*	*BH29-00*	*BH30-00*	*BH30-00*	*BH31-00*	*BH32-00*	*BH33-00*
Sample ID:			*S-MEJ-493*	*S-MEJ-485*	*S-MEJ-486*	*S-MEJ-495*	*S-MEJ-496*	*S-MEJ-481*	*S-MEJ-483*	*S-MEJ-478*
Sample Date:			*9/12/2000*	*9/12/2000*	*9/12/2000*	*9/12/2000*	*9/12/2000*	*9/12/2000*	*9/12/2000*	*9/12/2000*
Sample Depth:			*8-10 ft BGS*	*2-4 ft BGS*	*8-10 ft BGS*	*3-5 ft BGS*	*9-11 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*	*Duplicate*							
PCBs										
Aroclor-1016 (PCB-1016)	µg/kg	-	-	ND (39)	-	ND (38)	-	ND (35)	ND (39)	ND (39)
Aroclor-1221 (PCB-1221)	µg/kg	-	-	ND (79)	-	ND (76)	-	ND (71)	ND (78)	ND (78)
Aroclor-1232 (PCB-1232)	µg/kg	-	-	ND (39)	-	ND (38)	-	ND (35)	ND (39)	ND (39)
Aroclor-1242 (PCB-1242)	µg/kg	-	-	ND (39)	-	ND (38)	-	ND (35)	ND (39)	ND (39)
Aroclor-1248 (PCB-1248)	µg/kg	-	-	ND (39)	-	ND (38)	-	ND (35)	ND (39)	ND (39)
Aroclor-1254 (PCB-1254)	µg/kg	-	-	ND (39)	-	54	-	ND (35)	ND (39)	ND (39)
Aroclor-1260 (PCB-1260)	µg/kg	-	-	ND (39)	-	ND (38)	-	ND (35)	ND (39)	ND (39)
Total PCBs	µg/kg	-	-	ND	-	54	-	ND	ND	ND
Pesticides										
4,4'-DDD	µg/kg	180000	-	-	-	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-	-	-	-
Petroleum Hydrocarbons										
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*BH28-00*	*BH29-00*	*BH29-00*	*BH30-00*	*BH30-00*	*BH31-00*	*BH32-00*	*BH33-00*
Sample ID:			*S-MEJ-493*	*S-MEJ-485*	*S-MEJ-486*	*S-MEJ-495*	*S-MEJ-496*	*S-MEJ-481*	*S-MEJ-483*	*S-MEJ-478*
Sample Date:			*9/12/2000*	*9/12/2000*	*9/12/2000*	*9/12/2000*	*9/12/2000*	*9/12/2000*	*9/12/2000*	*9/12/2000*
Sample Depth:			*8-10 ft BGS*	*2-4 ft BGS*	*8-10 ft BGS*	*3-5 ft BGS*	*9-11 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*	*Duplicate*							
General Chemistry										
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-	-	-
pH	s.u.	-	-	8.38	8.47	-	-	-	-	6.16
pH (water)	s.u.	-	-	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	42300000	-	-	-	-	-	130000000
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-	-
Total solids	%	-	84.2	84.4	89.8	88.1	79.1	94.1	85.8	85.1
Total volatile solids	%	-	-	-	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*BH33-00*	*BH34-00*	*BH34-00*	*BH-60*	*BH-60*	*BH-61*	*BH-61*
Sample ID:			*S-MEJ-479*	*S-MEJ-475*	*S-MEJ-476*	*S-021904-SW-002*	*S-021904-SW-001*	*S-021904-SW-003*	*S-021904-SW-004*
Sample Date:			*9/12/2000*	*9/12/2000*	*9/12/2000*	*2/19/2004*	*2/19/2004*	*2/19/2004*	*2/19/2004*
Sample Depth:			*8-10 ft BGS*	*3-5 ft BGS*	*9-11 ft BGS*	*2-4 ft BGS*	*6-8 ft BGS*	*2-4 ft BGS*	*8-10 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							
Volatiles									
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)
1,1,2-Trichloroethane	µg/kg	-	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)
1,1-Dichloroethane	µg/kg	480000	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)
1,1-Dichloroethene	µg/kg	1000000	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)
1,2-Dichloropropane	µg/kg	-	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)
2-Hexanone	µg/kg	-	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)
Acetone	µg/kg	1000000	-	-	-	ND (10)	6 J	ND (10)	9 J
Benzene	µg/kg	89000	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)
Bromodichloromethane	µg/kg	-	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)
Bromoform	µg/kg	-	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)
Carbon disulfide	µg/kg	-	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)
Carbon tetrachloride	µg/kg	44000	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)
Chlorobenzene	µg/kg	1000000	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)
Chloroethane	µg/kg	-	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)
Cyclohexane	µg/kg	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*BH33-00*	*BH34-00*	*BH34-00*	*BH-60*	*BH-60*	*BH-61*	*BH-61*
Sample ID:			*S-MEJ-479*	*S-MEJ-475*	*S-MEJ-476*	*S-021904-SW-002*	*S-021904-SW-001*	*S-021904-SW-003*	*S-021904-SW-004*
Sample Date:			*9/12/2000*	*9/12/2000*	*9/12/2000*	*2/19/2004*	*2/19/2004*	*2/19/2004*	*2/19/2004*
Sample Depth:			*8-10 ft BGS*	*3-5 ft BGS*	*9-11 ft BGS*	*2-4 ft BGS*	*6-8 ft BGS*	*2-4 ft BGS*	*8-10 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							
m&p-Xylenes	µg/kg	-	-	-	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	6 BJ	6 BJ	5 BJ	7 BJ
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)
Toluene	µg/kg	1000000	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)
Trichloroethene	µg/kg	400000	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)
Xylenes (total)	µg/kg	1000000	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)
Semi-Volatiles									
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	ND (350)/ND (350)	ND (380)	ND (380)	ND (380)
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	ND (350)/ND (350)	ND (380)	ND (380)	ND (380)
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	ND (350)/ND (350)	ND (380)	ND (380)	ND (380)
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	ND (350)/ND (350)	ND (380)	ND (380)	ND (380)
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	ND (350)/ND (350)	ND (380)	ND (380)	ND (380)
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	ND (870)/ND (870)	ND (950)	ND (960)	ND (940)
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	ND (350)/ND (350)	ND (380)	ND (380)	ND (380)
2,4-Dichlorophenol	µg/kg	-	-	-	-	ND (350)/ND (350)	ND (380)	ND (380)	ND (380)
2,4-Dimethylphenol	µg/kg	-	-	-	-	ND (350)/ND (350)	ND (380)	ND (380)	ND (380)
2,4-Dinitrophenol	µg/kg	-	-	-	-	ND (870)/ND (870)	ND (950)	ND (960)	ND (940)
2,4-Dinitrotoluene	µg/kg	-	-	-	-	ND (350)/ND (350)	ND (380)	ND (380)	ND (380)
2,6-Dinitrotoluene	µg/kg	-	-	-	-	ND (350)/ND (350)	ND (380)	ND (380)	ND (380)
2-Chloronaphthalene	µg/kg	-	-	-	-	ND (350)/ND (350)	ND (380)	ND (380)	ND (380)
2-Chlorophenol	µg/kg	-	-	-	-	ND (350)/ND (350)	ND (380)	ND (380)	ND (380)
2-Methylnaphthalene	µg/kg	-	-	-	-	ND (350)/ND (350)	ND (380)	ND (380)	300 J
2-Methylphenol	µg/kg	1000000	-	-	-	ND (350)/ND (350)	ND (380)	ND (380)	ND (380)
2-Nitroaniline	µg/kg	-	-	-	-	ND (870)/ND (870)	ND (950)	ND (960)	ND (940)
2-Nitrophenol	µg/kg	-	-	-	-	ND (350)/ND (350)	ND (380)	ND (380)	ND (380)
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	ND (350)/ND (350)	ND (380)	ND (380)	ND (380)

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*BH33-00*	*BH34-00*	*BH34-00*	*BH-60*	*BH-60*	*BH-61*	*BH-61*
Sample ID:			*S-MEJ-479*	*S-MEJ-475*	*S-MEJ-476*	*S-021904-SW-002*	*S-021904-SW-001*	*S-021904-SW-003*	*S-021904-SW-004*
Sample Date:			*9/12/2000*	*9/12/2000*	*9/12/2000*	*2/19/2004*	*2/19/2004*	*2/19/2004*	*2/19/2004*
Sample Depth:			*8-10 ft BGS*	*3-5 ft BGS*	*9-11 ft BGS*	*2-4 ft BGS*	*6-8 ft BGS*	*2-4 ft BGS*	*8-10 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							
3-Nitroaniline	µg/kg	-	-	-	-	ND (870)/ND (870)	ND (950)	ND (960)	ND (940)
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	ND (870)/ND (870)	ND (950)	ND (960)	ND (940)
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	ND (350)/ND (350)	ND (380)	ND (380)	ND (380)
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	ND (350)/ND (350)	ND (380)	ND (380)	ND (380)
4-Chloroaniline	µg/kg	-	-	-	-	ND (350)/ND (350)	ND (380)	ND (380)	ND (380)
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	ND (350)/ND (350)	ND (380)	ND (380)	ND (380)
4-Methylphenol	µg/kg	1000000	-	-	-	ND (350)/ND (350)	ND (380)	ND (380)	ND (380)
4-Nitroaniline	µg/kg	-	-	-	-	ND (870)/ND (870)	ND (950)	ND (960)	ND (940)
4-Nitrophenol	µg/kg	-	-	-	-	ND (870)/ND (870)	ND (950)	ND (960)	ND (940)
Acenaphthene	µg/kg	1000000	-	-	-	ND (350)/ND (350)	ND (380)	ND (380)	80 J
Acenaphthylene	µg/kg	1000000	-	-	-	ND (350)/ND (350)	ND (380)	ND (380)	ND (380)
Acetophenone	µg/kg	-	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	80 J/ND (350)	ND (380)	200 J	200 J
Atrazine	µg/kg	-	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	300 J/200 J	ND (380)	870	300 J
Benzo(a)pyrene	µg/kg	1100	-	-	-	200 J/300 J	ND (380)	740	300 J
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	300 J/300 J	ND (380)	890	300 J
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	80 J/200 J	ND (380)	300 J	100 J
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	ND (350)/ND (350)	ND (380)	490	200 J
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	ND (350)/ND (350)	ND (380)	ND (380)	ND (380)
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	ND (350)/ND (350)	ND (380)	ND (380)	ND (380)
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	100 J/200 J	ND (380)	300 J	200 J
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	ND (350)/ND (350)	ND (380)	ND (380)	ND (380)
Caprolactam	µg/kg	-	-	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	ND (350)/ND (350)	ND (380)	ND (380)	ND (380)
Chrysene	µg/kg	110000	-	-	-	300 J/200 J	ND (380)	890	300 J
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	ND (350)/ND (350)	ND (380)	100 J	ND (380)
Dibenzofuran	µg/kg	1000000	-	-	-	ND (350)/ND (350)	ND (380)	ND (380)	ND (380)
Diethyl phthalate	µg/kg	-	-	-	-	ND (350)/ND (350)	ND (380)	ND (380)	ND (380)
Dimethyl phthalate	µg/kg	-	-	-	-	ND (350)/ND (350)	ND (380)	ND (380)	ND (380)
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	ND (350)/ND (350)	ND (380)	ND (380)	ND (380)
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	ND (350)/ND (350)	ND (380)	ND (380)	ND (380)
Fluoranthene	µg/kg	1000000	-	-	-	610/440	ND (380)	1900	680
Fluorene	µg/kg	1000000	-	-	-	ND (350)/ND (350)	ND (380)	ND (380)	ND (380)
Hexachlorobenzene	µg/kg	12000	-	-	-	ND (350)/ND (350)	ND (380)	ND (380)	ND (380)
Hexachlorobutadiene	µg/kg	-	-	-	-	ND (350)/ND (350)	ND (380)	ND (380)	ND (380)
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	ND (350)/ND (350)	ND (380)	ND (380)	ND (380)
Hexachloroethane	µg/kg	-	-	-	-	ND (350)/ND (350)	ND (380)	ND (380)	ND (380)
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	80 J/200 J	ND (380)	300 J	100 J

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*BH33-00*	*BH34-00*	*BH34-00*	*BH-60*	*BH-60*	*BH-61*	*BH-61*
Sample ID:			*S-MEJ-479*	*S-MEJ-475*	*S-MEJ-476*	*S-021904-SW-002*	*S-021904-SW-001*	*S-021904-SW-003*	*S-021904-SW-004*
Sample Date:			*9/12/2000*	*9/12/2000*	*9/12/2000*	*2/19/2004*	*2/19/2004*	*2/19/2004*	*2/19/2004*
Sample Depth:			*8-10 ft BGS*	*3-5 ft BGS*	*9-11 ft BGS*	*2-4 ft BGS*	*6-8 ft BGS*	*2-4 ft BGS*	*8-10 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							
Isophorone	µg/kg	-	-	-	-	300 J/3700	ND (380)	ND (380)	ND (380)
Naphthalene	µg/kg	1000000	-	-	-	100 J/80 J	ND (380)	100 J	490
Nitrobenzene	µg/kg	140000	-	-	-	ND (350)/ND (350)	ND (380)	ND (380)	ND (380)
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	ND (350)/ND (350)	ND (380)	ND (380)	ND (380)
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	ND (350)/ND (350)	ND (380)	ND (380)	ND (380)
Pentachlorophenol	µg/kg	55000	-	-	-	ND (870)/ND (870)	ND (950)	ND (960)	ND (940)
Phenanthrene	µg/kg	1000000	-	-	-	390/300 J	ND (380)	1200	430
Phenol	µg/kg	1000000	-	-	-	ND (350)/ND (350)	ND (380)	ND (380)	ND (380)
Pyrene	µg/kg	1000000	-	-	-	390/460	ND (380)	1500	590
Metals									
Aluminum	µg/kg	-	17200000	8710000	3130000	3470000	6880000	1550000	7430000
Antimony	µg/kg	-	30800 J	ND (180) J	260 J	2000 BN	1400 BN	3000 BN	390 BN
Arsenic	µg/kg	16000	**834000 J**	3800 J	**141000 J**	5900 N	10800 N	12200 N	2700 N
Barium	µg/kg	10000000	76700	48800	21000	51400	43100	27000	35900
Beryllium	µg/kg	2700000	400	380	200	110 B	210 B	130 B	290 B
Cadmium	µg/kg	60000	600	350	260	570	180 B	68 B	250 B
Calcium	µg/kg	-	914000	2440000	3510000	33300000 *	2190000 *	6800000 *	2630000 *
Chromium	µg/kg	-	28200	17200	8200	95600 N*	18300 N*	4600 N*	16100 N*
Cobalt	µg/kg	-	10400	5700	2400	55200 *	14200 *	129000 *	12200 *
Copper	µg/kg	10000000	2310000	1330000	517000 J	838000	609000	**39800000**	218000
Iron	µg/kg	-	28800000	19200000	13300000	20600000	20700000	24300000	13500000
Lead	µg/kg	3900000	1200000	23600	19000	113000 *	76600 *	89800 *	25300 *
Magnesium	µg/kg	-	2840000	3440000	1230000	4280000	2220000	630000	2390000
Manganese	µg/kg	10000000	180000	356000	160000	129000 N*	110000 N*	172000 N*	97800 N*
Mercury	µg/kg	5700	180	75	75	680 N*	300 N*	290 N*	180 N*
Nickel	µg/kg	10000000	451000 J	30900 J	25800 J	20400 N	122000 N	94600 N	49000 N
Potassium	µg/kg	-	1660000	1290000	520000	554000 E	1050000 E	178000 BE	862000 E
Selenium	µg/kg	6800000	15400	590	580	1400 N	1600 N	4100 N	550 BN
Silver	µg/kg	6800000	40900 J	170 J	ND (57) J	1800	640 B	6300	87 B
Sodium	µg/kg	-	126000	185000	113000	200000 B	134000 B	136000 B	132000 B
Thallium	µg/kg	-	2000	ND (250)	260	870 B	1100 B	1300	380 B
Vanadium	µg/kg	-	38800	22800	14900	7700	25500	7200	24900
Zinc	µg/kg	10000000	82500	83900	61100	1020000 *	565000 *	737000 *	53800 *

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*BH33-00*	*BH34-00*	*BH34-00*	*BH-60*	*BH-60*	*BH-61*	*BH-61*
Sample ID:			*S-MEJ-479*	*S-MEJ-475*	*S-MEJ-476*	*S-021904-SW-002*	*S-021904-SW-001*	*S-021904-SW-003*	*S-021904-SW-004*
Sample Date:			*9/12/2000*	*9/12/2000*	*9/12/2000*	*2/19/2004*	*2/19/2004*	*2/19/2004*	*2/19/2004*
Sample Depth:			*8-10 ft BGS*	*3-5 ft BGS*	*9-11 ft BGS*	*2-4 ft BGS*	*6-8 ft BGS*	*2-4 ft BGS*	*8-10 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							
PCBs									
Aroclor-1016 (PCB-1016)	µg/kg	-	-	ND (36) J	-	ND (530)	ND (570)	ND (580)	ND (570)
Aroclor-1221 (PCB-1221)	µg/kg	-	-	ND (72) J	-	ND (530)	ND (570)	ND (580)	ND (570)
Aroclor-1232 (PCB-1232)	µg/kg	-	-	ND (36) J	-	ND (530)	ND (570)	ND (580)	ND (570)
Aroclor-1242 (PCB-1242)	µg/kg	-	-	ND (36) J	-	ND (530)	ND (570)	ND (580)	ND (570)
Aroclor-1248 (PCB-1248)	µg/kg	-	-	ND (36) J	-	ND (530)	ND (570)	ND (580)	ND (570)
Aroclor-1254 (PCB-1254)	µg/kg	-	-	ND (36) J	-	ND (530)	ND (570)	ND (580)	ND (570)
Aroclor-1260 (PCB-1260)	µg/kg	-	-	ND (36) J	-	ND (530)	ND (570)	ND (580)	ND (570)
Total PCBs	µg/kg	-	-	ND	-	ND	ND	ND	ND
Pesticides									
4,4'-DDD	µg/kg	180000	-	-	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-	-	-
Petroleum Hydrocarbons									
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*BH33-00*	*BH34-00*	*BH34-00*	*BH-60*	*BH-60*	*BH-61*	*BH-61*
Sample ID:			*S-MEJ-479*	*S-MEJ-475*	*S-MEJ-476*	*S-021904-SW-002*	*S-021904-SW-001*	*S-021904-SW-003*	*S-021904-SW-004*
Sample Date:			*9/12/2000*	*9/12/2000*	*9/12/2000*	*2/19/2004*	*2/19/2004*	*2/19/2004*	*2/19/2004*
Sample Depth:			*8-10 ft BGS*	*3-5 ft BGS*	*9-11 ft BGS*	*2-4 ft BGS*	*6-8 ft BGS*	*2-4 ft BGS*	*8-10 ft BGS*
Parameter	*Units*	*RUSCO Criteria*							
General Chemistry									
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	ND (530)	ND (570)	ND (580)	ND (570)
N-Hexane extractable material	µg/kg	-	-	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-	-
pH	s.u.	-	5.71	7.78	5.19	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	6800000	2910000	2550000	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-
Total solids	%	-	84.2	93.2	87.6	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*BH-62*	*BH-63*	*BH-63*	*Bldg.39-Grid 1*	*Bldg.39-Grid 1*	*Bldg.39-Grid 1 (Center)*
Sample ID:			*S-021904-SW-005*	*S-022004-SW-006*	*S-022004-SW-007*	*S-JSH-292*	*S-AMD-445*	*S-120203-SW-002*
Sample Date:			*2/19/2004*	*2/20/2004*	*2/20/2004*	*6/20/2000*	*9/8/2000*	*12/2/2003*
Sample Depth:			*2-4 ft BGS*	*2-4 ft BGS*	*8-10 ft BGS*	*4-4.5 ft BGS*	*2-4 ft BGS*	*2.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
Volatiles								
1,1,1-Trichloroethane	µg/kg	1000000	ND (10)	ND (10)	ND (10)	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	ND (10)	ND (10)	ND (10)	-	-	-
1,1,2-Trichloroethane	µg/kg	-	ND (10)	ND (10)	ND (10)	-	-	-
1,1-Dichloroethane	µg/kg	480000	ND (10)	ND (10)	ND (10)	-	-	-
1,1-Dichloroethene	µg/kg	1000000	ND (10)	ND (10)	ND (10)	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	ND (10)	ND (10)	ND (10)	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	ND (10)	ND (10)	ND (10)	-	-	-
1,2-Dichloropropane	µg/kg	-	ND (10)	ND (10)	ND (10)	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	ND (10)	ND (10)	ND (10)	-	-	-
2-Hexanone	µg/kg	-	ND (10)	ND (10)	ND (10)	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	ND (10)	ND (10)	ND (10)	-	-	-
Acetone	µg/kg	1000000	14	ND (10)	14	-	-	-
Benzene	µg/kg	89000	ND (10)	ND (10)	3 J	-	-	-
Bromodichloromethane	µg/kg	-	ND (10)	ND (10)	ND (10)	-	-	-
Bromoform	µg/kg	-	ND (10)	ND (10)	ND (10)	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	ND (10)	ND (10)	ND (10)	-	-	-
Carbon disulfide	µg/kg	-	ND (10)	ND (10)	ND (10)	-	-	-
Carbon tetrachloride	µg/kg	44000	ND (10)	ND (10)	ND (10)	-	-	-
Chlorobenzene	µg/kg	1000000	ND (10)	ND (10)	ND (10)	-	-	-
Chloroethane	µg/kg	-	ND (10)	ND (10)	ND (10)	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	ND (10)	ND (10)	ND (10)	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	ND (10)	ND (10)	ND (10)	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	ND (10)	ND (10)	ND (10)	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	ND (10)	ND (10)	ND (10)	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	ND (10)	ND (10)	ND (10)	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*BH-62*	*BH-63*	*BH-63*	*Bldg.39-Grid 1*	*Bldg.39-Grid 1*	*Bldg.39-Grid 1 (Center)*
Sample ID:			*S-021904-SW-005*	*S-022004-SW-006*	*S-022004-SW-007*	*S-JSH-292*	*S-AMD-445*	*S-120203-SW-002*
Sample Date:			*2/19/2004*	*2/20/2004*	*2/20/2004*	*6/20/2000*	*9/8/2000*	*12/2/2003*
Sample Depth:			*2-4 ft BGS*	*2-4 ft BGS*	*8-10 ft BGS*	*4-4.5 ft BGS*	*2-4 ft BGS*	*2.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
m&p-Xylenes	µg/kg	-	-	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	6 BJ	5 BJ	6 BJ	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-
Styrene	µg/kg	-	ND (10)	ND (10)	ND (10)	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	ND (10)	ND (10)	ND (10)	-	-	-
Toluene	µg/kg	1000000	ND (10)	ND (10)	ND (10)	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	ND (10)	ND (10)	ND (10)	-	-	-
Trichloroethene	µg/kg	400000	ND (10)	ND (10)	ND (10)	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	ND (10)	ND (10)	ND (10)	-	-	-
Xylenes (total)	µg/kg	1000000	ND (10)	ND (10)	ND (10)	-	-	-
Semi-Volatiles								
1,2,4-Trichlorobenzene	µg/kg	-	ND (350)/ND (350)	ND (390)	ND (440)	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	ND (350)/ND (350)	ND (390)	ND (440)	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	ND (350)/ND (350)	ND (390)	ND (440)	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	ND (350)/ND (350)	ND (390)	ND (440)	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	ND (350)/ND (350)	ND (390)	ND (440)	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	ND (880)/ND (880)	ND (970)	ND (1100)	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	ND (350)/ND (350)	ND (390)	ND (440)	-	-	-
2,4-Dichlorophenol	µg/kg	-	ND (350)/ND (350)	ND (390)	ND (440)	-	-	-
2,4-Dimethylphenol	µg/kg	-	ND (350)/ND (350)	ND (390)	ND (440)	-	-	-
2,4-Dinitrophenol	µg/kg	-	ND (880)/ND (880)	ND (970)	ND (1100)	-	-	-
2,4-Dinitrotoluene	µg/kg	-	ND (350)/ND (350)	ND (390)	ND (440)	-	-	-
2,6-Dinitrotoluene	µg/kg	-	ND (350)/ND (350)	ND (390)	ND (440)	-	-	-
2-Chloronaphthalene	µg/kg	-	ND (350)/ND (350)	ND (390)	ND (440)	-	-	-
2-Chlorophenol	µg/kg	-	ND (350)/ND (350)	ND (390)	ND (440)	-	-	-
2-Methylnaphthalene	µg/kg	-	90 J/90 J	840	200 J	-	-	-
2-Methylphenol	µg/kg	1000000	ND (350)/ND (350)	ND (390)	ND (440)	-	-	-
2-Nitroaniline	µg/kg	-	ND (880)/ND (880)	ND (970)	ND (1100)	-	-	-
2-Nitrophenol	µg/kg	-	ND (350)/ND (350)	ND (390)	ND (440)	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	ND (350)/ND (350)	ND (390)	ND (440)	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*BH-62*	*BH-63*	*BH-63*	*Bldg.39-Grid 1*	*Bldg.39-Grid 1*	*Bldg.39-Grid 1 (Center)*
Sample ID:			*S-021904-SW-005*	*S-022004-SW-006*	*S-022004-SW-007*	*S-JSH-292*	*S-AMD-445*	*S-120203-SW-002*
Sample Date:			*2/19/2004*	*2/20/2004*	*2/20/2004*	*6/20/2000*	*9/8/2000*	*12/2/2003*
Sample Depth:			*2-4 ft BGS*	*2-4 ft BGS*	*8-10 ft BGS*	*4-4.5 ft BGS*	*2-4 ft BGS*	*2.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
3-Nitroaniline	µg/kg	-	ND (880)/ND (880)	ND (970)	ND (1100)	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	ND (880)/ND (880)	ND (970)	ND (1100)	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	ND (350)/ND (350)	ND (390)	ND (440)	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	ND (350)/ND (350)	ND (390)	ND (440)	-	-	-
4-Chloroaniline	µg/kg	-	ND (350)/ND (350)	ND (390)	ND (440)	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	ND (350)/ND (350)	ND (390)	ND (440)	-	-	-
4-Methylphenol	µg/kg	1000000	ND (350)/ND (350)	ND (390)	ND (440)	-	-	-
4-Nitroaniline	µg/kg	-	ND (880)/ND (880)	ND (970)	ND (1100)	-	-	-
4-Nitrophenol	µg/kg	-	ND (880)/ND (880)	ND (970)	ND (1100)	-	-	-
Acenaphthene	µg/kg	1000000	200 J/200 J	300 J	400 J	-	-	-
Acenaphthylene	µg/kg	1000000	ND (350)/ND (350)	100 J	ND (440)	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	510/530	530	770	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	1500/1500	1100	1500	-	-	-
Benzo(a)pyrene	µg/kg	1100	**1300/990**	900	**1200**	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	1700/1400	1400	1500	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	410/560	400	400 J	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	690/830	590	590	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	ND (350)/ND (350)	ND (390)	ND (440)	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	ND (350)/ND (350)	ND (390)	ND (440)	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	370/470	100 J	300 J	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	ND (350)/ND (350)	ND (390)	ND (440)	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-	-
Carbazole	µg/kg	-	200 J/200 J	200 J	200 J	-	-	-
Chrysene	µg/kg	110000	1600/1500	1300	1500	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	200 J/100 J	100 J	100 J	-	-	-
Dibenzofuran	µg/kg	1000000	200 J/200 J	300 J	200 J	-	-	-
Diethyl phthalate	µg/kg	-	ND (350)/ND (350)	ND (390)	ND (440)	-	-	-
Dimethyl phthalate	µg/kg	-	ND (350)/ND (350)	ND (390)	ND (440)	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	ND (350)/ND (350)	ND (390)	ND (440)	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	ND (350)/ND (350)	ND (390)	ND (440)	-	-	-
Fluoranthene	µg/kg	1000000	2700/2700	2400	2800	-	-	-
Fluorene	µg/kg	1000000	200 J/200 J	200 J	400 J	-	-	-
Hexachlorobenzene	µg/kg	12000	ND (350)/ND (350)	ND (390)	ND (440)	-	-	-
Hexachlorobutadiene	µg/kg	-	ND (350)/ND (350)	ND (390)	ND (440)	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	ND (350)/ND (350)	ND (390)	ND (440)	-	-	-
Hexachloroethane	µg/kg	-	ND (350)/ND (350)	ND (390)	ND (440)	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	580/410	300 J	400 J	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*BH-62*	*BH-63*	*BH-63*	*Bldg.39-Grid 1*	*Bldg.39-Grid 1*	*Bldg.39-Grid 1 (Center)*
Sample ID:			*S-021904-SW-005*	*S-022004-SW-006*	*S-022004-SW-007*	*S-JSH-292*	*S-AMD-445*	*S-120203-SW-002*
Sample Date:			*2/19/2004*	*2/20/2004*	*2/20/2004*	*6/20/2000*	*9/8/2000*	*12/2/2003*
Sample Depth:			*2-4 ft BGS*	*2-4 ft BGS*	*8-10 ft BGS*	*4-4.5 ft BGS*	*2-4 ft BGS*	*2.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
Isophorone	µg/kg	-	2200/ND (350)	ND (390)	ND (440)	-	-	-
Naphthalene	µg/kg	1000000	200 J/100 J	1100	300 J	-	-	-
Nitrobenzene	µg/kg	140000	ND (350)/ND (350)	ND (390)	ND (440)	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	ND (350)/ND (350)	ND (390)	ND (440)	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	ND (350)/ND (350)	ND (390)	ND (440)	-	-	-
Pentachlorophenol	µg/kg	55000	ND (880)/ND (880)	ND (970)	ND (1100)	-	-	-
Phenanthrene	µg/kg	1000000	2700/2600	2900	3700	-	-	-
Phenol	µg/kg	1000000	ND (350)/ND (350)	ND (390)	ND (440)	-	-	-
Pyrene	µg/kg	1000000	3200/2800	2400	3400	-	-	-
Metals								
Aluminum	µg/kg	-	5200000	4140000	4340000	-	-	-
Antimony	µg/kg	-	15600 N	111000 N	143000 N	-	-	-
Arsenic	µg/kg	16000	**59600 N**	**931000 N**	**920000 N**	-	-	-
Barium	µg/kg	10000000	144000	185000	428000	-	-	-
Beryllium	µg/kg	2700000	220 B	1000	730	-	-	-
Cadmium	µg/kg	60000	1100	13200	20700	-	-	-
Calcium	µg/kg	-	31100000 *	2670000 *	1980000 *	-	-	-
Chromium	µg/kg	-	28100 N*	33100 N*	27600 N*	-	-	-
Cobalt	µg/kg	-	112000 *	48600 *	74800 *	-	-	-
Copper	µg/kg	10000000	5580000	**31900000**	**60000000**	-	-	-
Iron	µg/kg	-	40600000	32200000	27900000	-	-	-
Lead	µg/kg	3900000	278000 *	1560000 *	1180000 *	-	-	-
Magnesium	µg/kg	-	3220000	1140000	2010000	-	-	-
Manganese	µg/kg	10000000	255000 N*	400000 N*	368000 N*	-	-	-
Mercury	µg/kg	5700	840 N*	1700 N*	1400 N*	-	-	-
Nickel	µg/kg	10000000	30100 N	455000 N	524000 N	-	-	-
Potassium	µg/kg	-	841000 E	381000 BE	389000 BE	-	-	-
Selenium	µg/kg	6800000	3000 N	59800 N	102000 N	-	-	-
Silver	µg/kg	6800000	9700	17300	13300	-	-	-
Sodium	µg/kg	-	405000 B	278000 B	244000 B	-	-	-
Thallium	µg/kg	-	1300	1200	1500	-	-	-
Vanadium	µg/kg	-	18500	15800	16000	-	-	-
Zinc	µg/kg	10000000	749000 *	**19300000 ***	**14000000 ***	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*BH-62*	*BH-63*	*BH-63*	*Bldg.39-Grid 1*	*Bldg.39-Grid 1*	*Bldg.39-Grid 1 (Center)*
Sample ID:			*S-021904-SW-005*	*S-022004-SW-006*	*S-022004-SW-007*	*S-JSH-292*	*S-AMD-445*	*S-120203-SW-002*
Sample Date:			*2/19/2004*	*2/20/2004*	*2/20/2004*	*6/20/2000*	*9/8/2000*	*12/2/2003*
Sample Depth:			*2-4 ft BGS*	*2-4 ft BGS*	*8-10 ft BGS*	*4-4.5 ft BGS*	*2-4 ft BGS*	*2.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
PCBs								
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (530)	ND (590)	ND (670)	ND (400)	ND (40)	ND (560)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (530)	ND (590)	ND (670)	ND (790)	ND (80)	ND (560)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (530)	ND (590)	ND (670)	ND (400)	ND (40)	ND (560)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (530)	ND (590)	ND (670)	ND (400)	ND (40)	ND (560)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (530)	ND (590)	ND (670)	ND (400)	ND (40)	ND (560)
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (530)	ND (590)	ND (670)	930	90	2000
Aroclor-1260 (PCB-1260)	µg/kg	-	340 J	400 PJ	ND (670)	ND (400)	ND (40)	ND (560)
Total PCBs	µg/kg	-	340	400	ND	930	90	2000
Pesticides								
4,4'-DDD	µg/kg	180000	-	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-	-
Petroleum Hydrocarbons								
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*BH-62*	*BH-63*	*BH-63*	*Bldg.39-Grid 1*	*Bldg.39-Grid 1*	*Bldg.39-Grid 1 (Center)*
Sample ID:			*S-021904-SW-005*	*S-022004-SW-006*	*S-022004-SW-007*	*S-JSH-292*	*S-AMD-445*	*S-120203-SW-002*
Sample Date:			*2/19/2004*	*2/20/2004*	*2/20/2004*	*6/20/2000*	*9/8/2000*	*12/2/2003*
Sample Depth:			*2-4 ft BGS*	*2-4 ft BGS*	*8-10 ft BGS*	*4-4.5 ft BGS*	*2-4 ft BGS*	*2.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
General Chemistry								
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	ND (530)	ND (590)	ND (670)	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-
Total solids	%	-	-	-	-	84.2	83.2	-
Total volatile solids	%	-	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 1 (NW Corner)*	*Bldg.39-Grid 1 (SE Corner)*	*Bldg.39-Grid 2*	*Bldg.39-Grid 3*
Sample ID:			*S-120203-SW-003*	*S-120203-SW-001*	*S-JSH-291*	*S-JSH-293*
Sample Date:			*12/2/2003*	*12/2/2003*	*6/20/2000*	*6/20/2000*
Sample Depth:			*2.5 ft BGS*	*2.5 ft BGS*	*6-6.7 ft BGS*	*2.2-4.2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
Volatiles						
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 1 (NW Corner)*	*Bldg.39-Grid 1 (SE Corner)*	*Bldg.39-Grid 2*	*Bldg.39-Grid 3*
Sample ID:			*S-120203-SW-003*	*S-120203-SW-001*	*S-JSH-291*	*S-JSH-293*
Sample Date:			*12/2/2003*	*12/2/2003*	*6/20/2000*	*6/20/2000*
Sample Depth:			*2.5 ft BGS*	*2.5 ft BGS*	*6-6.7 ft BGS*	*2.2-4.2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
m&p-Xylenes	µg/kg	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 1 (NW Corner)*	*Bldg.39-Grid 1 (SE Corner)*	*Bldg.39-Grid 2*	*Bldg.39-Grid 3*
Sample ID:			*S-120203-SW-003*	*S-120203-SW-001*	*S-JSH-291*	*S-JSH-293*
Sample Date:			*12/2/2003*	*12/2/2003*	*6/20/2000*	*6/20/2000*
Sample Depth:			*2.5 ft BGS*	*2.5 ft BGS*	*6-6.7 ft BGS*	*2.2-4.2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
3-Nitroaniline	µg/kg	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 1 (NW Corner)*	*Bldg.39-Grid 1 (SE Corner)*	*Bldg.39-Grid 2*	*Bldg.39-Grid 3*
Sample ID:			*S-120203-SW-003*	*S-120203-SW-001*	*S-JSH-291*	*S-JSH-293*
Sample Date:			*12/2/2003*	*12/2/2003*	*6/20/2000*	*6/20/2000*
Sample Depth:			*2.5 ft BGS*	*2.5 ft BGS*	*6-6.7 ft BGS*	*2.2-4.2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
Isophorone	µg/kg	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-
Metals						
Aluminum	µg/kg	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-
Calcium	µg/kg	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-
Iron	µg/kg	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-
Potassium	µg/kg	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-
Sodium	µg/kg	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 1 (NW Corner)*	*Bldg.39-Grid 1 (SE Corner)*	*Bldg.39-Grid 2*	*Bldg.39-Grid 3*
Sample ID:			*S-120203-SW-003*	*S-120203-SW-001*	*S-JSH-291*	*S-JSH-293*
Sample Date:			*12/2/2003*	*12/2/2003*	*6/20/2000*	*6/20/2000*
Sample Depth:			*2.5 ft BGS*	*2.5 ft BGS*	*6-6.7 ft BGS*	*2.2-4.2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
PCBs						
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (640)	ND (600)	ND (42)	ND (41)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (640)	ND (600)	ND (84)	ND (82)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (640)	ND (600)	ND (42)	ND (41)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (640)	ND (600)	ND (42)	ND (41)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (640)	ND (600)	ND (42)	ND (41)
Aroclor-1254 (PCB-1254)	µg/kg	-	4300	5900	710	87
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (640)	ND (600) UJ	84	ND (41)
Total PCBs	µg/kg	-	4300	5900	794	87
Pesticides						
4,4'-DDD	µg/kg	180000	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-
Petroleum Hydrocarbons						
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 1 (NW Corner)*	*Bldg.39-Grid 1 (SE Corner)*	*Bldg.39-Grid 2*	*Bldg.39-Grid 3*
Sample ID:			*S-120203-SW-003*	*S-120203-SW-001*	*S-JSH-291*	*S-JSH-293*
Sample Date:			*12/2/2003*	*12/2/2003*	*6/20/2000*	*6/20/2000*
Sample Depth:			*2.5 ft BGS*	*2.5 ft BGS*	*6-6.7 ft BGS*	*2.2-4.2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
General Chemistry						
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-
Percent moisture	%	-	-	-	-	-
pH	s.u.	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-
Total solids	%	-	-	-	79.6	81.6
Total volatile solids	%	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 3 (NE Corner)*	*Bldg.39-Grid 4*	*Bldg.39-Grid 4 (SE Corner)*	*Bldg.39-Grid 4 (SE Corner)*
Sample ID:			*S-120203-SW-004*	*S-JSH-294*	*S-120903-SW-002*	*S-120903-SW-003*
Sample Date:			*12/2/2003*	*6/20/2000*	*12/9/2003*	*12/9/2003*
Sample Depth:			*2 ft BGS*	*3.7-5.8 ft BGS*	*4 ft BGS*	*4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				*Duplicate*
Volatiles						
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 3 (NE Corner)*	*Bldg.39-Grid 4*	*Bldg.39-Grid 4 (SE Corner)*	*Bldg.39-Grid 4 (SE Corner)*
Sample ID:			*S-120203-SW-004*	*S-JSH-294*	*S-120903-SW-002*	*S-120903-SW-003*
Sample Date:			*12/2/2003*	*6/20/2000*	*12/9/2003*	*12/9/2003*
Sample Depth:			*2 ft BGS*	*3.7-5.8 ft BGS*	*4 ft BGS*	*4 ft BGS*
		RUSCO				*Duplicate*
Parameter	*Units*	*Criteria*				
m&p-Xylenes	µg/kg	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 3 (NE Corner)*	*Bldg.39-Grid 4*	*Bldg.39-Grid 4 (SE Corner)*	*Bldg.39-Grid 4 (SE Corner)*
Sample ID:			*S-120203-SW-004*	*S-JSH-294*	*S-120903-SW-002*	*S-120903-SW-003*
Sample Date:			*12/2/2003*	*6/20/2000*	*12/9/2003*	*12/9/2003*
Sample Depth:			*2 ft BGS*	*3.7-5.8 ft BGS*	*4 ft BGS*	*4 ft BGS*
		RUSCO				*Duplicate*
Parameter	*Units*	*Criteria*				
3-Nitroaniline	µg/kg	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 3 (NE Corner)*	*Bldg.39-Grid 4*	*Bldg.39-Grid 4 (SE Corner)*	*Bldg.39-Grid 4 (SE Corner)*
Sample ID:			*S-120203-SW-004*	*S-JSH-294*	*S-120903-SW-002*	*S-120903-SW-003*
Sample Date:			*12/2/2003*	*6/20/2000*	*12/9/2003*	*12/9/2003*
Sample Depth:			*2 ft BGS*	*3.7-5.8 ft BGS*	*4 ft BGS*	*4 ft BGS*
		RUSCO				*Duplicate*
Parameter	*Units*	*Criteria*				
Isophorone	µg/kg	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-
Metals						
Aluminum	µg/kg	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-
Calcium	µg/kg	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-
Iron	µg/kg	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-
Potassium	µg/kg	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-
Sodium	µg/kg	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 3 (NE Corner)*	*Bldg.39-Grid 4*	*Bldg.39-Grid 4 (SE Corner)*	*Bldg.39-Grid 4 (SE Corner)*
Sample ID:			*S-120203-SW-004*	*S-JSH-294*	*S-120903-SW-002*	*S-120903-SW-003*
Sample Date:			*12/2/2003*	*6/20/2000*	*12/9/2003*	*12/9/2003*
Sample Depth:			*2 ft BGS*	*3.7-5.8 ft BGS*	*4 ft BGS*	*4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				*Duplicate*
PCBs						
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (680)	ND (40)	ND (630)	ND (670)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (680)	ND (81)	ND (630)	ND (670)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (680)	ND (40)	ND (630)	ND (670)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (680)	ND (40)	ND (630)	ND (670)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (680)	ND (40)	ND (630)	ND (670)
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (680)	88	580 J	400 J
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (680)	ND (40)	ND (630)	ND (670)
Total PCBs	µg/kg	-	ND	88	580	400
Pesticides						
4,4'-DDD	µg/kg	180000	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-
Petroleum Hydrocarbons						
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 3 (NE Corner)*	*Bldg.39-Grid 4*	*Bldg.39-Grid 4 (SE Corner)*	*Bldg.39-Grid 4 (SE Corner)*
Sample ID:			*S-120203-SW-004*	*S-JSH-294*	*S-120903-SW-002*	*S-120903-SW-003*
Sample Date:			*12/2/2003*	*6/20/2000*	*12/9/2003*	*12/9/2003*
Sample Depth:			*2 ft BGS*	*3.7-5.8 ft BGS*	*4 ft BGS*	*4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				*Duplicate*
General Chemistry						
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-
Percent moisture	%	-	-	-	-	-
pH	s.u.	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-
Total solids	%	-	-	82.5	-	-
Total volatile solids	%	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 5*	*Bldg.39-Grid 5 (Center)*	*Bldg.39-Grid 5 (SW Corner)*	*Bldg.39-Grid 6*
Sample ID:			*S-JSH-296*	*S-120203-SW-006*	*S-120203-SW-005*	*S-JSH-295*
Sample Date:			*6/20/2000*	*12/2/2003*	*12/2/2003*	*6/20/2000*
Sample Depth:			*3-4 ft BGS*	*2 ft BGS*	*2 ft BGS*	*1.7-2.3 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
Volatiles						
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 5*	*Bldg.39-Grid 5 (Center)*	*Bldg.39-Grid 5 (SW Corner)*	*Bldg.39-Grid 6*
Sample ID:			*S-JSH-296*	*S-120203-SW-006*	*S-120203-SW-005*	*S-JSH-295*
Sample Date:			*6/20/2000*	*12/2/2003*	*12/2/2003*	*6/20/2000*
Sample Depth:			*3-4 ft BGS*	*2 ft BGS*	*2 ft BGS*	*1.7-2.3 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
m&p-Xylenes	µg/kg	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 5*	*Bldg.39-Grid 5 (Center)*	*Bldg.39-Grid 5 (SW Corner)*	*Bldg.39-Grid 6*
Sample ID:			*S-JSH-296*	*S-120203-SW-006*	*S-120203-SW-005*	*S-JSH-295*
Sample Date:			*6/20/2000*	*12/2/2003*	*12/2/2003*	*6/20/2000*
Sample Depth:			*3-4 ft BGS*	*2 ft BGS*	*2 ft BGS*	*1.7-2.3 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
3-Nitroaniline	µg/kg	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 5*	*Bldg.39-Grid 5 (Center)*	*Bldg.39-Grid 5 (SW Corner)*	*Bldg.39-Grid 6*
Sample ID:			*S-JSH-296*	*S-120203-SW-006*	*S-120203-SW-005*	*S-JSH-295*
Sample Date:			*6/20/2000*	*12/2/2003*	*12/2/2003*	*6/20/2000*
Sample Depth:			*3-4 ft BGS*	*2 ft BGS*	*2 ft BGS*	*1.7-2.3 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
Isophorone	µg/kg	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-
Metals						
Aluminum	µg/kg	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-
Calcium	µg/kg	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-
Iron	µg/kg	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-
Potassium	µg/kg	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-
Sodium	µg/kg	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 5*	*Bldg.39-Grid 5 (Center)*	*Bldg.39-Grid 5 (SW Corner)*	*Bldg.39-Grid 6*
Sample ID:			*S-JSH-296*	*S-120203-SW-006*	*S-120203-SW-005*	*S-JSH-295*
Sample Date:			*6/20/2000*	*12/2/2003*	*12/2/2003*	*6/20/2000*
Sample Depth:			*3-4 ft BGS*	*2 ft BGS*	*2 ft BGS*	*1.7-2.3 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
PCBs						
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (81)	ND (610)	ND (640)	ND (40)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (160)	ND (610)	ND (640)	ND (80)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (81)	ND (610)	ND (640)	ND (40)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (81)	ND (610)	ND (640)	ND (40)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (81)	ND (610)	ND (640)	ND (40)
Aroclor-1254 (PCB-1254)	µg/kg	-	860	650	2700	350
Aroclor-1260 (PCB-1260)	µg/kg	-	180	ND (610)	ND (640)	77
Total PCBs	µg/kg	-	1040	650	2700	427
Pesticides						
4,4'-DDD	µg/kg	180000	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-
Petroleum Hydrocarbons						
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 5*	*Bldg.39-Grid 5 (Center)*	*Bldg.39-Grid 5 (SW Corner)*	*Bldg.39-Grid 6*
Sample ID:			*S-JSH-296*	*S-120203-SW-006*	*S-120203-SW-005*	*S-JSH-295*
Sample Date:			*6/20/2000*	*12/2/2003*	*12/2/2003*	*6/20/2000*
Sample Depth:			*3-4 ft BGS*	*2 ft BGS*	*2 ft BGS*	*1.7-2.3 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
General Chemistry						
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-
Percent moisture	%	-	-	-	-	-
pH	s.u.	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-
Total solids	%	-	82.6	-	-	83
Total volatile solids	%	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 6 (NW Corner)*	*Bldg.39-Grid 7*	*Bldg.39-Grid 7 (Center)*	*Bldg.39-Grid 7 (Center)*
Sample ID:			*S-120203-SW-010*	*S-JSH-300*	*S-111403-SW-009*	*S-120203-SW-008*
Sample Date:			*12/2/2003*	*6/21/2000*	*11/14/2003*	*12/2/2003*
Sample Depth:			*2 ft BGS*	*3-4 ft BGS*	*4-4.5 ft*	*4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
Volatiles						
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 6 (NW Corner)*	*Bldg.39-Grid 7*	*Bldg.39-Grid 7 (Center)*	*Bldg.39-Grid 7 (Center)*
Sample ID:			*S-120203-SW-010*	*S-JSH-300*	*S-111403-SW-009*	*S-120203-SW-008*
Sample Date:			*12/2/2003*	*6/21/2000*	*11/14/2003*	*12/2/2003*
Sample Depth:			*2 ft BGS*	*3-4 ft BGS*	*4-4.5 ft*	*4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
m&p-Xylenes	µg/kg	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 6 (NW Corner)*	*Bldg.39-Grid 7*	*Bldg.39-Grid 7 (Center)*	*Bldg.39-Grid 7 (Center)*
Sample ID:			*S-120203-SW-010*	*S-JSH-300*	*S-111403-SW-009*	*S-120203-SW-008*
Sample Date:			*12/2/2003*	*6/21/2000*	*11/14/2003*	*12/2/2003*
Sample Depth:			*2 ft BGS*	*3-4 ft BGS*	*4-4.5 ft*	*4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
3-Nitroaniline	µg/kg	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 6 (NW Corner)*	*Bldg.39-Grid 7*	*Bldg.39-Grid 7 (Center)*	*Bldg.39-Grid 7 (Center)*
Sample ID:			*S-120203-SW-010*	*S-JSH-300*	*S-111403-SW-009*	*S-120203-SW-008*
Sample Date:			*12/2/2003*	*6/21/2000*	*11/14/2003*	*12/2/2003*
Sample Depth:			*2 ft BGS*	*3-4 ft BGS*	*4-4.5 ft*	*4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
Isophorone	µg/kg	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-
Metals						
Aluminum	µg/kg	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-
Calcium	µg/kg	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-
Iron	µg/kg	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-
Potassium	µg/kg	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-
Sodium	µg/kg	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 6 (NW Corner)*	*Bldg.39-Grid 7*	*Bldg.39-Grid 7 (Center)*	*Bldg.39-Grid 7 (Center)*
Sample ID:			*S-120203-SW-010*	*S-JSH-300*	*S-111403-SW-009*	*S-120203-SW-008*
Sample Date:			*12/2/2003*	*6/21/2000*	*11/14/2003*	*12/2/2003*
Sample Depth:			*2 ft BGS*	*3-4 ft BGS*	*4-4.5 ft*	*4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
PCBs						
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (570)	ND (4100)	ND (750)	ND (700)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (570)	ND (8200)	ND (750)	ND (700)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (570)	ND (4100)	ND (750)	ND (700)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (570)	ND (4100)	ND (750)	ND (700)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (570)	ND (4100)	ND (750)	ND (700)
Aroclor-1254 (PCB-1254)	µg/kg	-	290 J	18000	1000	ND (700)
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (570)	4400	ND (750)	ND (700)
Total PCBs	µg/kg	-	290	22400	1000	ND
Pesticides						
4,4'-DDD	µg/kg	180000	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-
Petroleum Hydrocarbons						
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 6 (NW Corner)*	*Bldg.39-Grid 7*	*Bldg.39-Grid 7 (Center)*	*Bldg.39-Grid 7 (Center)*
Sample ID:			*S-120203-SW-010*	*S-JSH-300*	*S-111403-SW-009*	*S-120203-SW-008*
Sample Date:			*12/2/2003*	*6/21/2000*	*11/14/2003*	*12/2/2003*
Sample Depth:			*2 ft BGS*	*3-4 ft BGS*	*4-4.5 ft*	*4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
General Chemistry						
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-
Percent moisture	%	-	-	-	-	-
pH	s.u.	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-
Total solids	%	-	-	80.8	-	-
Total volatile solids	%	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 7 (NE Corner)*	*Bldg.39-Grid 7 (SE Corner)*	*Bldg.39-Grid 7 (South Center)*	*Bldg.39-Grid 8*
Sample ID:			*S-120203-SW-007*	*S-120203-SW-009*	*S-111403-SW-010*	*S-JSH-297*
Sample Date:			*12/2/2003*	*12/2/2003*	*11/14/2003*	*6/20/2000*
Sample Depth:			*4 ft BGS*	*4 ft BGS*	*4-4.5 ft*	*3.5-4.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
Volatiles						
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 7 (NE Corner)*	*Bldg.39-Grid 7 (SE Corner)*	*Bldg.39-Grid 7 (South Center)*	*Bldg.39-Grid 8*
Sample ID:			*S-120203-SW-007*	*S-120203-SW-009*	*S-111403-SW-010*	*S-JSH-297*
Sample Date:			*12/2/2003*	*12/2/2003*	*11/14/2003*	*6/20/2000*
Sample Depth:			*4 ft BGS*	*4 ft BGS*	*4-4.5 ft*	*3.5-4.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
m&p-Xylenes	µg/kg	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 7 (NE Corner)*	*Bldg.39-Grid 7 (SE Corner)*	*Bldg.39-Grid 7 (South Center)*	*Bldg.39-Grid 8*
Sample ID:			*S-120203-SW-007*	*S-120203-SW-009*	*S-111403-SW-010*	*S-JSH-297*
Sample Date:			*12/2/2003*	*12/2/2003*	*11/14/2003*	*6/20/2000*
Sample Depth:			*4 ft BGS*	*4 ft BGS*	*4-4.5 ft*	*3.5-4.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
3-Nitroaniline	µg/kg	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 7 (NE Corner)*	*Bldg.39-Grid 7 (SE Corner)*	*Bldg.39-Grid 7 (South Center)*	*Bldg.39-Grid 8*
Sample ID:			*S-120203-SW-007*	*S-120203-SW-009*	*S-111403-SW-010*	*S-JSH-297*
Sample Date:			*12/2/2003*	*12/2/2003*	*11/14/2003*	*6/20/2000*
Sample Depth:			*4 ft BGS*	*4 ft BGS*	*4-4.5 ft*	*3.5-4.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
Isophorone	µg/kg	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-
Metals						
Aluminum	µg/kg	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-
Calcium	µg/kg	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-
Iron	µg/kg	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-
Potassium	µg/kg	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-
Sodium	µg/kg	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 7 (NE Corner)*	*Bldg.39-Grid 7 (SE Corner)*	*Bldg.39-Grid 7 (South Center)*	*Bldg.39-Grid 8*
Sample ID:			*S-120203-SW-007*	*S-120203-SW-009*	*S-111403-SW-010*	*S-JSH-297*
Sample Date:			*12/2/2003*	*12/2/2003*	*11/14/2003*	*6/20/2000*
Sample Depth:			*4 ft BGS*	*4 ft BGS*	*4-4.5 ft*	*3.5-4.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
PCBs						
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (580)	ND (570)	ND (13000)	ND (110)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (580)	ND (570)	ND (13000)	ND (230)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (580)	ND (570)	ND (13000)	ND (110)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (580)	ND (570)	ND (13000)	ND (110)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (580)	ND (570)	ND (13000)	ND (110)
Aroclor-1254 (PCB-1254)	µg/kg	-	2900	ND (570)	200000	150
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (580)	ND (570)	ND (13000)	ND (110)
Total PCBs	µg/kg	-	2900	ND	200000	150
Pesticides						
4,4'-DDD	µg/kg	180000	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-
Petroleum Hydrocarbons						
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 7 (NE Corner)*	*Bldg.39-Grid 7 (SE Corner)*	*Bldg.39-Grid 7 (South Center)*	*Bldg.39-Grid 8*
Sample ID:			*S-120203-SW-007*	*S-120203-SW-009*	*S-111403-SW-010*	*S-JSH-297*
Sample Date:			*12/2/2003*	*12/2/2003*	*11/14/2003*	*6/20/2000*
Sample Depth:			*4 ft BGS*	*4 ft BGS*	*4-4.5 ft*	*3.5-4.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
General Chemistry						
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-
Percent moisture	%	-	-	-	-	-
pH	s.u.	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-
Total solids	%	-	-	-	-	29.2
Total volatile solids	%	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 8 (Center)*	*Bldg.39-Grid 8 (NE Corner)*	*Bldg.39-Grid 8 (SW Corner)*	*Bldg.39-Grid 8 (NW Corner)*
Sample ID:			*S-120203-SW-037*	*S-120203-SW-035*	*S-120203-SW-039*	*S-120203-SW-036*
Sample Date:			*12/2/2003*	*12/2/2003*	*12/2/2003*	*12/2/2003*
Sample Depth:			*3.5 ft BGS*	*3.5 ft BGS*	*3.5 ft BGS*	*3.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
Volatiles						
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 8 (Center)*	*Bldg.39-Grid 8 (NE Corner)*	*Bldg.39-Grid 8 (SW Corner)*	*Bldg.39-Grid 8 (NW Corner)*
Sample ID:			*S-120203-SW-037*	*S-120203-SW-035*	*S-120203-SW-039*	*S-120203-SW-036*
Sample Date:			*12/2/2003*	*12/2/2003*	*12/2/2003*	*12/2/2003*
Sample Depth:			*3.5 ft BGS*	*3.5 ft BGS*	*3.5 ft BGS*	*3.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
m&p-Xylenes	µg/kg	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 8 (Center)*	*Bldg.39-Grid 8 (NE Corner)*	*Bldg.39-Grid 8 (SW Corner)*	*Bldg.39-Grid 8 (NW Corner)*
Sample ID:			*S-120203-SW-037*	*S-120203-SW-035*	*S-120203-SW-039*	*S-120203-SW-036*
Sample Date:			*12/2/2003*	*12/2/2003*	*12/2/2003*	*12/2/2003*
Sample Depth:			*3.5 ft BGS*	*3.5 ft BGS*	*3.5 ft BGS*	*3.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
3-Nitroaniline	µg/kg	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 8 (Center)*	*Bldg.39-Grid 8 (NE Corner)*	*Bldg.39-Grid 8 (SW Corner)*	*Bldg.39-Grid 8 (NW Corner)*
Sample ID:			*S-120203-SW-037*	*S-120203-SW-035*	*S-120203-SW-039*	*S-120203-SW-036*
Sample Date:			*12/2/2003*	*12/2/2003*	*12/2/2003*	*12/2/2003*
Sample Depth:			*3.5 ft BGS*	*3.5 ft BGS*	*3.5 ft BGS*	*3.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
Isophorone	µg/kg	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-
Metals						
Aluminum	µg/kg	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-
Calcium	µg/kg	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-
Iron	µg/kg	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-
Potassium	µg/kg	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-
Sodium	µg/kg	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 8 (Center)*	*Bldg.39-Grid 8 (NE Corner)*	*Bldg.39-Grid 8 (SW Corner)*	*Bldg.39-Grid 8 (NW Corner)*
Sample ID:			*S-120203-SW-037*	*S-120203-SW-035*	*S-120203-SW-039*	*S-120203-SW-036*
Sample Date:			*12/2/2003*	*12/2/2003*	*12/2/2003*	*12/2/2003*
Sample Depth:			*3.5 ft BGS*	*3.5 ft BGS*	*3.5 ft BGS*	*3.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
PCBs						
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (580)	ND (760)	ND (690)	ND (750)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (580)	ND (760)	ND (690)	ND (750)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (580)	ND (760)	ND (690)	ND (750)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (580)	ND (760)	ND (690)	ND (750)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (580)	ND (760)	ND (690)	ND (750)
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (580)	520 J	480 J	ND (750)
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (580)	ND (760)	ND (690)	ND (750)
Total PCBs	µg/kg	-	ND	520	480	ND
Pesticides						
4,4'-DDD	µg/kg	180000	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-
Petroleum Hydrocarbons						
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 8 (Center)*	*Bldg.39-Grid 8 (NE Corner)*	*Bldg.39-Grid 8 (SW Corner)*	*Bldg.39-Grid 8 (NW Corner)*
Sample ID:			*S-120203-SW-037*	*S-120203-SW-035*	*S-120203-SW-039*	*S-120203-SW-036*
Sample Date:			*12/2/2003*	*12/2/2003*	*12/2/2003*	*12/2/2003*
Sample Depth:			*3.5 ft BGS*	*3.5 ft BGS*	*3.5 ft BGS*	*3.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
General Chemistry						
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-
Percent moisture	%	-	-	-	-	-
pH	s.u.	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-
Total solids	%	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 8 (SE Corner)*	*Bldg.39-Grid 9*	*Bldg.39-Grid 9 (SW Corner)*	*Bldg.39-Grid 10*	*Bldg.39-Grid 11*
Sample ID:			*S-120203-SW-038*	*S-JSH-298*	*S-120203-SW-013*	*S-JSH-299*	*S-JSH-303*
Sample Date:			*12/2/2003*	*6/20/2000*	*12/2/2003*	*6/20/2000*	*6/21/2000*
Sample Depth:			*3.5 ft BGS*	*3.5-5 ft BGS*	*2 ft BGS*	*3.5-4.5 ft BGS*	*1-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 8 (SE Corner)*	*Bldg.39-Grid 9*	*Bldg.39-Grid 9 (SW Corner)*	*Bldg.39-Grid 10*	*Bldg.39-Grid 11*
Sample ID:			*S-120203-SW-038*	*S-JSH-298*	*S-120203-SW-013*	*S-JSH-299*	*S-JSH-303*
Sample Date:			*12/2/2003*	*6/20/2000*	*12/2/2003*	*6/20/2000*	*6/21/2000*
Sample Depth:			*3.5 ft BGS*	*3.5-5 ft BGS*	*2 ft BGS*	*3.5-4.5 ft BGS*	*1-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
m&p-Xylenes	µg/kg	-	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 8 (SE Corner)*	*Bldg.39-Grid 9*	*Bldg.39-Grid 9 (SW Corner)*	*Bldg.39-Grid 10*	*Bldg.39-Grid 11*
Sample ID:			*S-120203-SW-038*	*S-JSH-298*	*S-120203-SW-013*	*S-JSH-299*	*S-JSH-303*
Sample Date:			*12/2/2003*	*6/20/2000*	*12/2/2003*	*6/20/2000*	*6/21/2000*
Sample Depth:			*3.5 ft BGS*	*3.5-5 ft BGS*	*2 ft BGS*	*3.5-4.5 ft BGS*	*1-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
3-Nitroaniline	µg/kg	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 8 (SE Corner)*	*Bldg.39-Grid 9*	*Bldg.39-Grid 9 (SW Corner)*	*Bldg.39-Grid 10*	*Bldg.39-Grid 11*
Sample ID:			*S-120203-SW-038*	*S-JSH-298*	*S-120203-SW-013*	*S-JSH-299*	*S-JSH-303*
Sample Date:			*12/2/2003*	*6/20/2000*	*12/2/2003*	*6/20/2000*	*6/21/2000*
Sample Depth:			*3.5 ft BGS*	*3.5-5 ft BGS*	*2 ft BGS*	*3.5-4.5 ft BGS*	*1-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Isophorone	µg/kg	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-
Metals							
Aluminum	µg/kg	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 8 (SE Corner)*	*Bldg.39-Grid 9*	*Bldg.39-Grid 9 (SW Corner)*	*Bldg.39-Grid 10*	*Bldg.39-Grid 11*
Sample ID:			*S-120203-SW-038*	*S-JSH-298*	*S-120203-SW-013*	*S-JSH-299*	*S-JSH-303*
Sample Date:			*12/2/2003*	*6/20/2000*	*12/2/2003*	*6/20/2000*	*6/21/2000*
Sample Depth:			*3.5 ft BGS*	*3.5-5 ft BGS*	*2 ft BGS*	*3.5-4.5 ft BGS*	*1-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (560)	ND (42)	ND (600)	ND (46)	ND (53)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (560)	ND (84)	ND (600)	ND (92)	ND (100)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (560)	ND (42)	ND (600)	ND (46)	ND (53)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (560)	ND (42)	ND (600)	ND (46)	ND (53)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (560)	ND (42)	610	ND (46)	ND (53)
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (560)	84	5400	ND (46)	110
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (560)	ND (42)	ND (600)	ND (46)	ND (53)
Total PCBs	µg/kg	-	ND	84	6010	ND	110
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 8 (SE Corner)*	*Bldg.39-Grid 9*	*Bldg.39-Grid 9 (SW Corner)*	*Bldg.39-Grid 10*	*Bldg.39-Grid 11*
Sample ID:			*S-120203-SW-038*	*S-JSH-298*	*S-120203-SW-013*	*S-JSH-299*	*S-JSH-303*
Sample Date:			*12/2/2003*	*6/20/2000*	*12/2/2003*	*6/20/2000*	*6/21/2000*
Sample Depth:			*3.5 ft BGS*	*3.5-5 ft BGS*	*2 ft BGS*	*3.5-4.5 ft BGS*	*1-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	79.4	-	72.7	62.9
Total volatile solids	%	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 11 (SE Corner)*	*Bldg.39-Grid 11 (SE Corner)*	*Bldg.39-Grid 11 (SE Corner)*
Sample ID:			*S-120203-SW-012*	*S-120803-SW-001*	*S-121203-SW-003*
Sample Date:			*12/2/2003*	*12/8/2003*	*12/12/2003*
Sample Depth:			*2 ft BGS*	*3.5 ft BGS*	*4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*			
Volatiles					
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-
2-Hexanone	µg/kg	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-
Acetone	µg/kg	1000000	-	-	-
Benzene	µg/kg	89000	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-
Bromoform	µg/kg	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-
Chloroethane	µg/kg	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 11 (SE Corner)*	*Bldg.39-Grid 11 (SE Corner)*	*Bldg.39-Grid 11 (SE Corner)*
Sample ID:			*S-120203-SW-012*	*S-120803-SW-001*	*S-121203-SW-003*
Sample Date:			*12/2/2003*	*12/8/2003*	*12/12/2003*
Sample Depth:			*2 ft BGS*	*3.5 ft BGS*	*4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*			
m&p-Xylenes	µg/kg	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-
Naphthalene	µg/kg	1000000	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-
o-Xylene	µg/kg	-	-	-	-
Styrene	µg/kg	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-
Toluene	µg/kg	1000000	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-
Semi-Volatiles					
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 11 (SE Corner)*	*Bldg.39-Grid 11 (SE Corner)*	*Bldg.39-Grid 11 (SE Corner)*
Sample ID:			*S-120203-SW-012*	*S-120803-SW-001*	*S-121203-SW-003*
Sample Date:			*12/2/2003*	*12/8/2003*	*12/12/2003*
Sample Depth:			*2 ft BGS*	*3.5 ft BGS*	*4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*			
3-Nitroaniline	µg/kg	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-
Acetophenone	µg/kg	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-
Atrazine	µg/kg	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-
Caprolactam	µg/kg	-	-	-	-
Carbazole	µg/kg	-	-	-	-
Chrysene	µg/kg	110000	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-
Fluorene	µg/kg	1000000	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 11 (SE Corner)*	*Bldg.39-Grid 11 (SE Corner)*	*Bldg.39-Grid 11 (SE Corner)*
Sample ID:			*S-120203-SW-012*	*S-120803-SW-001*	*S-121203-SW-003*
Sample Date:			*12/2/2003*	*12/8/2003*	*12/12/2003*
Sample Depth:			*2 ft BGS*	*3.5 ft BGS*	*4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*			
Isophorone	µg/kg	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-
Phenol	µg/kg	1000000	-	-	-
Pyrene	µg/kg	1000000	-	-	-
Metals					
Aluminum	µg/kg	-	-	-	-
Antimony	µg/kg	-	-	-	-
Arsenic	µg/kg	16000	-	-	-
Barium	µg/kg	10000000	-	-	-
Beryllium	µg/kg	2700000	-	-	-
Cadmium	µg/kg	60000	-	-	-
Calcium	µg/kg	-	-	-	-
Chromium	µg/kg	-	-	-	-
Cobalt	µg/kg	-	-	-	-
Copper	µg/kg	10000000	-	-	-
Iron	µg/kg	-	-	-	-
Lead	µg/kg	3900000	-	-	-
Magnesium	µg/kg	-	-	-	-
Manganese	µg/kg	10000000	-	-	-
Mercury	µg/kg	5700	-	-	-
Nickel	µg/kg	10000000	-	-	-
Potassium	µg/kg	-	-	-	-
Selenium	µg/kg	6800000	-	-	-
Silver	µg/kg	6800000	-	-	-
Sodium	µg/kg	-	-	-	-
Thallium	µg/kg	-	-	-	-
Vanadium	µg/kg	-	-	-	-
Zinc	µg/kg	10000000	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 11 (SE Corner)*	*Bldg.39-Grid 11 (SE Corner)*	*Bldg.39-Grid 11 (SE Corner)*
Sample ID:			*S-120203-SW-012*	*S-120803-SW-001*	*S-121203-SW-003*
Sample Date:			*12/2/2003*	*12/8/2003*	*12/12/2003*
Sample Depth:			*2 ft BGS*	*3.5 ft BGS*	*4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*			
PCBs					
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (580)	ND (6100)	ND (560)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (580)	ND (610)	ND (560)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (2900)	ND (6100)	ND (2800)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (580)	ND (6100)	ND (560)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (2900)	ND (6100)	ND (2800)
Aroclor-1254 (PCB-1254)	µg/kg	-	25000	54000	22000
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (2900)	ND (6100)	ND (2800)
Total PCBs	µg/kg	-	25000	54000	22000
Pesticides					
4,4'-DDD	µg/kg	180000	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-
Aldrin	µg/kg	1400	-	-	-
alpha-BHC	µg/kg	6800	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-
beta-BHC	µg/kg	14000	-	-	-
delta-BHC	µg/kg	1000000	-	-	-
Dieldrin	µg/kg	2800	-	-	-
Endosulfan I	µg/kg	920000	-	-	-
Endosulfan II	µg/kg	920000	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-
Endrin	µg/kg	410000	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-
Toxaphene	µg/kg	-	-	-	-
Petroleum Hydrocarbons					
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 11 (SE Corner)*	*Bldg.39-Grid 11 (SE Corner)*	*Bldg.39-Grid 11 (SE Corner)*
Sample ID:			*S-120203-SW-012*	*S-120803-SW-001*	*S-121203-SW-003*
Sample Date:			*12/2/2003*	*12/8/2003*	*12/12/2003*
Sample Depth:			*2 ft BGS*	*3.5 ft BGS*	*4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*			
General Chemistry					
Chemical oxygen demand (COD)	µg/kg	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-
Nitrogen	µg/kg	-	-	-	-
Oil and grease	µg/kg	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-
Percent moisture	%	-	-	-	-
pH	s.u.	-	-	-	-
pH (water)	s.u.	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-
Total solids	%	-	-	-	-
Total volatile solids	%	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 11 (SE Corner)*	*Bldg.39-Grid 11 (SE Corner)*	*Bldg.39-Grid 12 (Center)*	*Bldg.39-Grid 12 (NE Corner)*
Sample ID:			*S-121203-SW-004*	*S-121703-SW-003*	*S-34084-102903-SW-004*	*S-120203-SW-011*
Sample Date:			*12/12/2003*	*12/17/2003*	*10/29/2003*	*12/2/2003*
Sample Depth:			*4 ft BGS*	*6 ft BGS*	*3.5 ft*	*2 ft BGS*
		RUSCO	*Duplicate*			
Parameter	*Units*	*Criteria*				
Volatiles						
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 11 (SE Corner)*	*Bldg.39-Grid 11 (SE Corner)*	*Bldg.39-Grid 12 (Center)*	*Bldg.39-Grid 12 (NE Corner)*
Sample ID:			*S-121203-SW-004*	*S-121703-SW-003*	*S-34084-102903-SW-004*	*S-120203-SW-011*
Sample Date:			*12/12/2003*	*12/17/2003*	*10/29/2003*	*12/2/2003*
Sample Depth:			*4 ft BGS*	*6 ft BGS*	*3.5 ft*	*2 ft BGS*
		RUSCO	*Duplicate*			
Parameter	*Units*	*Criteria*				
m&p-Xylenes	µg/kg	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 11 (SE Corner)*	*Bldg.39-Grid 11 (SE Corner)*	*Bldg.39-Grid 12 (Center)*	*Bldg.39-Grid 12 (NE Corner)*
Sample ID:			*S-121203-SW-004*	*S-121703-SW-003*	*S-34084-102903-SW-004*	*S-120203-SW-011*
Sample Date:			*12/12/2003*	*12/17/2003*	*10/29/2003*	*12/2/2003*
Sample Depth:			*4 ft BGS*	*6 ft BGS*	*3.5 ft*	*2 ft BGS*
		RUSCO	*Duplicate*			
Parameter	*Units*	*Criteria*				
3-Nitroaniline	µg/kg	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 11 (SE Corner)*	*Bldg.39-Grid 11 (SE Corner)*	*Bldg.39-Grid 12 (Center)*	*Bldg.39-Grid 12 (NE Corner)*
Sample ID:			*S-121203-SW-004*	*S-121703-SW-003*	*S-34084-102903-SW-004*	*S-120203-SW-011*
Sample Date:			*12/12/2003*	*12/17/2003*	*10/29/2003*	*12/2/2003*
Sample Depth:			*4 ft BGS*	*6 ft BGS*	*3.5 ft*	*2 ft BGS*
		RUSCO	*Duplicate*			
Parameter	*Units*	*Criteria*				
Isophorone	µg/kg	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-
Metals						
Aluminum	µg/kg	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-
Calcium	µg/kg	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-
Iron	µg/kg	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-
Potassium	µg/kg	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-
Sodium	µg/kg	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 11 (SE Corner)*	*Bldg.39-Grid 11 (SE Corner)*	*Bldg.39-Grid 12 (Center)*	*Bldg.39-Grid 12 (NE Corner)*
Sample ID:			*S-121203-SW-004*	*S-121703-SW-003*	*S-34084-102903-SW-004*	*S-120203-SW-011*
Sample Date:			*12/12/2003*	*12/17/2003*	*10/29/2003*	*12/2/2003*
Sample Depth:			*4 ft BGS*	*6 ft BGS*	*3.5 ft*	*2 ft BGS*
		RUSCO	*Duplicate*			
Parameter	*Units*	*Criteria*				
PCBs						
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (600)	ND (690)	ND (650) UJ	ND (610)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (600)	ND (690)	ND (650)	ND (610)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (600)	ND (690)	ND (650) UJ	ND (1200)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (600)	ND (690)	ND (650) UJ	ND (610)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (600)	ND (690)	ND (650) UJ	ND (610)
Aroclor-1254 (PCB-1254)	µg/kg	-	12000	2100	7500	16000
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (1200)	ND (690)	ND (650) UJ	ND (1200)
Total PCBs	µg/kg	-	12000	2100	7500	16000
Pesticides						
4,4'-DDD	µg/kg	180000	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-
Petroleum Hydrocarbons						
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 11 (SE Corner)*	*Bldg.39-Grid 11 (SE Corner)*	*Bldg.39-Grid 12 (Center)*	*Bldg.39-Grid 12 (NE Corner)*
Sample ID:			*S-121203-SW-004*	*S-121703-SW-003*	*S-34084-102903-SW-004*	*S-120203-SW-011*
Sample Date:			*12/12/2003*	*12/17/2003*	*10/29/2003*	*12/2/2003*
Sample Depth:			*4 ft BGS*	*6 ft BGS*	*3.5 ft*	*2 ft BGS*
		RUSCO	*Duplicate*			
Parameter	*Units*	*Criteria*				
General Chemistry						
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-
Percent moisture	%	-	-	-	-	-
pH	s.u.	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-
Total solids	%	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 12 (NE Corner)*	*Bldg.39-Grid 12 (SW Corner)*	*Bldg.39-Grid 13*	*Bldg.39-Grid 15*
Sample ID:			*S-120803-SW-002*	*S-120203-SW-014*	*S-JSH-304*	*S-JSH-305*
Sample Date:			*12/8/2003*	*12/2/2003*	*6/21/2000*	*6/21/2000*
Sample Depth:			*3.5 ft BGS*	*2 ft BGS*	*1.3-5.3 ft BGS*	*3-5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
Volatiles						
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 12 (NE Corner)*	*Bldg.39-Grid 12 (SW Corner)*	*Bldg.39-Grid 13*	*Bldg.39-Grid 15*
Sample ID:			*S-120803-SW-002*	*S-120203-SW-014*	*S-JSH-304*	*S-JSH-305*
Sample Date:			*12/8/2003*	*12/2/2003*	*6/21/2000*	*6/21/2000*
Sample Depth:			*3.5 ft BGS*	*2 ft BGS*	*1.3-5.3 ft BGS*	*3-5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
m&p-Xylenes	µg/kg	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 12 (NE Corner)*	*Bldg.39-Grid 12 (SW Corner)*	*Bldg.39-Grid 13*	*Bldg.39-Grid 15*
Sample ID:			*S-120803-SW-002*	*S-120203-SW-014*	*S-JSH-304*	*S-JSH-305*
Sample Date:			*12/8/2003*	*12/2/2003*	*6/21/2000*	*6/21/2000*
Sample Depth:			*3.5 ft BGS*	*2 ft BGS*	*1.3-5.3 ft BGS*	*3-5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
3-Nitroaniline	µg/kg	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 12 (NE Corner)*	*Bldg.39-Grid 12 (SW Corner)*	*Bldg.39-Grid 13*	*Bldg.39-Grid 15*
Sample ID:			*S-120803-SW-002*	*S-120203-SW-014*	*S-JSH-304*	*S-JSH-305*
Sample Date:			*12/8/2003*	*12/2/2003*	*6/21/2000*	*6/21/2000*
Sample Depth:			*3.5 ft BGS*	*2 ft BGS*	*1.3-5.3 ft BGS*	*3-5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
Isophorone	µg/kg	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-
Metals						
Aluminum	µg/kg	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-
Calcium	µg/kg	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-
Iron	µg/kg	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-
Potassium	µg/kg	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-
Sodium	µg/kg	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 12 (NE Corner)*	*Bldg.39-Grid 12 (SW Corner)*	*Bldg.39-Grid 13*	*Bldg.39-Grid 15*
Sample ID:			*S-120803-SW-002*	*S-120203-SW-014*	*S-JSH-304*	*S-JSH-305*
Sample Date:			*12/8/2003*	*12/2/2003*	*6/21/2000*	*6/21/2000*
Sample Depth:			*3.5 ft BGS*	*2 ft BGS*	*1.3-5.3 ft BGS*	*3-5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
PCBs						
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (600) UJ	ND (860)	ND (41)	ND (39)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (600)	ND (860)	ND (81)	ND (78)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (600) UJ	ND (860)	ND (41)	ND (39)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (600) UJ	ND (860)	ND (41)	ND (39)
Aroclor-1248 (PCB-1248)	µg/kg	-	1700 J	ND (860)	ND (41)	ND (39)
Aroclor-1254 (PCB-1254)	µg/kg	-	780	ND (860)	ND (41)	ND (39)
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (600)	ND (860)	ND (41)	ND (39)
Total PCBs	µg/kg	-	2480	ND	ND	ND
Pesticides						
4,4'-DDD	µg/kg	180000	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-
Petroleum Hydrocarbons						
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 12 (NE Corner)*	*Bldg.39-Grid 12 (SW Corner)*	*Bldg.39-Grid 13*	*Bldg.39-Grid 15*
Sample ID:			*S-120803-SW-002*	*S-120203-SW-014*	*S-JSH-304*	*S-JSH-305*
Sample Date:			*12/8/2003*	*12/2/2003*	*6/21/2000*	*6/21/2000*
Sample Depth:			*3.5 ft BGS*	*2 ft BGS*	*1.3-5.3 ft BGS*	*3-5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
General Chemistry						
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-
Percent moisture	%	-	-	-	-	-
pH	s.u.	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-
Total solids	%	-	-	-	82	85.6
Total volatile solids	%	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 15 (Center)*	*Bldg.39-Grid 15 (NE Corner)*	*Bldg.39-Grid 15 (NW Corner)*	*Bldg.39-Grid 15 (SE Corner)*
Sample ID:			*S-121103-SW-001*	*S-121103-SW-002*	*S-120503-SW-003*	*S-120303-SW-002*
Sample Date:			*12/11/2003*	*12/11/2003*	*12/5/2003*	*12/3/2003*
Sample Depth:			*3 ft BGS*	*3 ft BGS*	*3.5 ft*	*3.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
Volatiles						
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 15 (Center)*	*Bldg.39-Grid 15 (NE Corner)*	*Bldg.39-Grid 15 (NW Corner)*	*Bldg.39-Grid 15 (SE Corner)*
Sample ID:			*S-121103-SW-001*	*S-121103-SW-002*	*S-120503-SW-003*	*S-120303-SW-002*
Sample Date:			*12/11/2003*	*12/11/2003*	*12/5/2003*	*12/3/2003*
Sample Depth:			*3 ft BGS*	*3 ft BGS*	*3.5 ft*	*3.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
m&p-Xylenes	µg/kg	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 15 (Center)*	*Bldg.39-Grid 15 (NE Corner)*	*Bldg.39-Grid 15 (NW Corner)*	*Bldg.39-Grid 15 (SE Corner)*
Sample ID:			*S-121103-SW-001*	*S-121103-SW-002*	*S-120503-SW-003*	*S-120303-SW-002*
Sample Date:			*12/11/2003*	*12/11/2003*	*12/5/2003*	*12/3/2003*
Sample Depth:			*3 ft BGS*	*3 ft BGS*	*3.5 ft*	*3.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
3-Nitroaniline	µg/kg	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 15 (Center)*	*Bldg.39-Grid 15 (NE Corner)*	*Bldg.39-Grid 15 (NW Corner)*	*Bldg.39-Grid 15 (SE Corner)*
Sample ID:			*S-121103-SW-001*	*S-121103-SW-002*	*S-120503-SW-003*	*S-120303-SW-002*
Sample Date:			*12/11/2003*	*12/11/2003*	*12/5/2003*	*12/3/2003*
Sample Depth:			*3 ft BGS*	*3 ft BGS*	*3.5 ft*	*3.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
Isophorone	µg/kg	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-
Metals						
Aluminum	µg/kg	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-
Calcium	µg/kg	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-
Iron	µg/kg	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-
Potassium	µg/kg	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-
Sodium	µg/kg	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 15 (Center)*	*Bldg.39-Grid 15 (NE Corner)*	*Bldg.39-Grid 15 (NW Corner)*	*Bldg.39-Grid 15 (SE Corner)*
Sample ID:			*S-121103-SW-001*	*S-121103-SW-002*	*S-120503-SW-003*	*S-120303-SW-002*
Sample Date:			*12/11/2003*	*12/11/2003*	*12/5/2003*	*12/3/2003*
Sample Depth:			*3 ft BGS*	*3 ft BGS*	*3.5 ft*	*3.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
PCBs						
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (580)	ND (740)	ND (690)	ND (710)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (580)	ND (740)	ND (690)	ND (710)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (580)	ND (740)	ND (690)	ND (710)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (580)	ND (740)	ND (690)	ND (710)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (580)	ND (740)	ND (690)	ND (710)
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (580)	ND (740)	ND (690)	ND (710)
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (580)	ND (740)	ND (690)	ND (710)
Total PCBs	µg/kg	-	ND	ND	ND	ND
Pesticides						
4,4'-DDD	µg/kg	180000	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-
Petroleum Hydrocarbons						
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 15 (Center)*	*Bldg.39-Grid 15 (NE Corner)*	*Bldg.39-Grid 15 (NW Corner)*	*Bldg.39-Grid 15 (SE Corner)*
Sample ID:			*S-121103-SW-001*	*S-121103-SW-002*	*S-120503-SW-003*	*S-120303-SW-002*
Sample Date:			*12/11/2003*	*12/11/2003*	*12/5/2003*	*12/3/2003*
Sample Depth:			*3 ft BGS*	*3 ft BGS*	*3.5 ft*	*3.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
General Chemistry						
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-
Percent moisture	%	-	-	-	-	-
pH	s.u.	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-
Total solids	%	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 15 (SW Corner)*	*Bldg.39-Grid 16 (Center)*	*Bldg.39-Grid 16 (Center)*	*Bldg.39-Grid 16 (NE Corner)*
Sample ID:			*S-120303-SW-001*	*S-120203-SW-017*	*S-120203-SW-018*	*S-120203-SW-015*
Sample Date:			*12/3/2003*	*12/2/2003*	*12/2/2003*	*12/2/2003*
Sample Depth:			*3.5 ft BGS*	*3.5 ft BGS*	*3.5 ft BGS*	*3.5 ft BGS*
		RUSCO			*Duplicate*	
Parameter	*Units*	*Criteria*				
Volatiles						
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 15 (SW Corner)*	*Bldg.39-Grid 16 (Center)*	*Bldg.39-Grid 16 (Center)*	*Bldg.39-Grid 16 (NE Corner)*
Sample ID:			*S-120303-SW-001*	*S-120203-SW-017*	*S-120203-SW-018*	*S-120203-SW-015*
Sample Date:			*12/3/2003*	*12/2/2003*	*12/2/2003*	*12/2/2003*
Sample Depth:			*3.5 ft BGS*	*3.5 ft BGS*	*3.5 ft BGS*	*3.5 ft BGS*
		RUSCO			*Duplicate*	
Parameter	*Units*	*Criteria*				
m&p-Xylenes	µg/kg	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 15 (SW Corner)*	*Bldg.39-Grid 16 (Center)*	*Bldg.39-Grid 16 (Center)*	*Bldg.39-Grid 16 (NE Corner)*
Sample ID:			*S-120303-SW-001*	*S-120203-SW-017*	*S-120203-SW-018*	*S-120203-SW-015*
Sample Date:			*12/3/2003*	*12/2/2003*	*12/2/2003*	*12/2/2003*
Sample Depth:			*3.5 ft BGS*	*3.5 ft BGS*	*3.5 ft BGS*	*3.5 ft BGS*
		RUSCO			*Duplicate*	
Parameter	*Units*	*Criteria*				
3-Nitroaniline	µg/kg	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 15 (SW Corner)*	*Bldg.39-Grid 16 (Center)*	*Bldg.39-Grid 16 (Center)*	*Bldg.39-Grid 16 (NE Corner)*
Sample ID:			*S-120303-SW-001*	*S-120203-SW-017*	*S-120203-SW-018*	*S-120203-SW-015*
Sample Date:			*12/3/2003*	*12/2/2003*	*12/2/2003*	*12/2/2003*
Sample Depth:			*3.5 ft BGS*	*3.5 ft BGS*	*3.5 ft BGS*	*3.5 ft BGS*
		RUSCO			*Duplicate*	
Parameter	*Units*	*Criteria*				
Isophorone	µg/kg	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-
Metals						
Aluminum	µg/kg	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-
Calcium	µg/kg	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-
Iron	µg/kg	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-
Potassium	µg/kg	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-
Sodium	µg/kg	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 15 (SW Corner)*	*Bldg.39-Grid 16 (Center)*	*Bldg.39-Grid 16 (Center)*	*Bldg.39-Grid 16 (NE Corner)*
Sample ID:			*S-120303-SW-001*	*S-120203-SW-017*	*S-120203-SW-018*	*S-120203-SW-015*
Sample Date:			*12/3/2003*	*12/2/2003*	*12/2/2003*	*12/2/2003*
Sample Depth:			*3.5 ft BGS*	*3.5 ft BGS*	*3.5 ft BGS*	*3.5 ft BGS*
		RUSCO			*Duplicate*	
Parameter	*Units*	*Criteria*				
PCBs						
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (650)	ND (560)	ND (560)	ND (590)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (650)	ND (560)	ND (560)	ND (590)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (650)	ND (560)	ND (560)	ND (590)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (650)	ND (560)	ND (560)	ND (590)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (650)	ND (560)	ND (560)	ND (590)
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (650)	ND (560)	ND (560)	310 J
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (650)	ND (560)	ND (560)	ND (590)
Total PCBs	µg/kg	-	ND	ND	ND	310
Pesticides						
4,4'-DDD	µg/kg	180000	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-
Petroleum Hydrocarbons						
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 15 (SW Corner)*	*Bldg.39-Grid 16 (Center)*	*Bldg.39-Grid 16 (Center)*	*Bldg.39-Grid 16 (NE Corner)*
Sample ID:			*S-120303-SW-001*	*S-120203-SW-017*	*S-120203-SW-018*	*S-120203-SW-015*
Sample Date:			*12/3/2003*	*12/2/2003*	*12/2/2003*	*12/2/2003*
Sample Depth:			*3.5 ft BGS*	*3.5 ft BGS*	*3.5 ft BGS*	*3.5 ft BGS*
		RUSCO			*Duplicate*	
Parameter	*Units*	*Criteria*				
General Chemistry						
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-
Percent moisture	%	-	-	-	-	-
pH	s.u.	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-
Total solids	%	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 16 (NW Corner)*	*Bldg.39-Grid 16 (SE Corner)*	*Bldg.39-Grid 16 (SW Corner)*	*Bldg.39-Grid 17*
Sample ID:			*S-120203-SW-016*	*S-120203-SW-020*	*S-120203-SW-019*	*S-JSH-306*
Sample Date:			*12/2/2003*	*12/2/2003*	*12/2/2003*	*6/21/2000*
Sample Depth:			*3.5 ft BGS*	*3.5 ft BGS*	*3.5 ft BGS*	*2.3-2.8 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
Volatiles						
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 16 (NW Corner)*	*Bldg.39-Grid 16 (SE Corner)*	*Bldg.39-Grid 16 (SW Corner)*	*Bldg.39-Grid 17*
Sample ID:			*S-120203-SW-016*	*S-120203-SW-020*	*S-120203-SW-019*	*S-JSH-306*
Sample Date:			*12/2/2003*	*12/2/2003*	*12/2/2003*	*6/21/2000*
Sample Depth:			*3.5 ft BGS*	*3.5 ft BGS*	*3.5 ft BGS*	*2.3-2.8 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
m&p-Xylenes	µg/kg	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 16 (NW Corner)*	*Bldg.39-Grid 16 (SE Corner)*	*Bldg.39-Grid 16 (SW Corner)*	*Bldg.39-Grid 17*
Sample ID:			*S-120203-SW-016*	*S-120203-SW-020*	*S-120203-SW-019*	*S-JSH-306*
Sample Date:			*12/2/2003*	*12/2/2003*	*12/2/2003*	*6/21/2000*
Sample Depth:			*3.5 ft BGS*	*3.5 ft BGS*	*3.5 ft BGS*	*2.3-2.8 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
3-Nitroaniline	µg/kg	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 16 (NW Corner)*	*Bldg.39-Grid 16 (SE Corner)*	*Bldg.39-Grid 16 (SW Corner)*	*Bldg.39-Grid 17*
Sample ID:			*S-120203-SW-016*	*S-120203-SW-020*	*S-120203-SW-019*	*S-JSH-306*
Sample Date:			*12/2/2003*	*12/2/2003*	*12/2/2003*	*6/21/2000*
Sample Depth:			*3.5 ft BGS*	*3.5 ft BGS*	*3.5 ft BGS*	*2.3-2.8 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
Isophorone	µg/kg	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-
Metals						
Aluminum	µg/kg	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-
Calcium	µg/kg	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-
Iron	µg/kg	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-
Potassium	µg/kg	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-
Sodium	µg/kg	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 16 (NW Corner)*	*Bldg.39-Grid 16 (SE Corner)*	*Bldg.39-Grid 16 (SW Corner)*	*Bldg.39-Grid 17*
Sample ID:			*S-120203-SW-016*	*S-120203-SW-020*	*S-120203-SW-019*	*S-JSH-306*
Sample Date:			*12/2/2003*	*12/2/2003*	*12/2/2003*	*6/21/2000*
Sample Depth:			*3.5 ft BGS*	*3.5 ft BGS*	*3.5 ft BGS*	*2.3-2.8 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
PCBs						
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (570)	ND (600)	ND (630)	ND (4100)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (570)	ND (600)	ND (630)	ND (8100)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (570)	ND (600)	ND (630)	ND (4100)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (570)	ND (600)	ND (630)	ND (4100)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (570)	ND (600)	ND (630)	ND (4100)
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (570)	ND (600)	340 J	14000
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (570)	ND (600)	ND (630)	ND (4100)
Total PCBs	µg/kg	-	ND	ND	340	14000
Pesticides						
4,4'-DDD	µg/kg	180000	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-
Petroleum Hydrocarbons						
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 16 (NW Corner)*	*Bldg.39-Grid 16 (SE Corner)*	*Bldg.39-Grid 16 (SW Corner)*	*Bldg.39-Grid 17*
Sample ID:			*S-120203-SW-016*	*S-120203-SW-020*	*S-120203-SW-019*	*S-JSH-306*
Sample Date:			*12/2/2003*	*12/2/2003*	*12/2/2003*	*6/21/2000*
Sample Depth:			*3.5 ft BGS*	*3.5 ft BGS*	*3.5 ft BGS*	*2.3-2.8 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
General Chemistry						
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-
Percent moisture	%	-	-	-	-	-
pH	s.u.	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-
Total solids	%	-	-	-	-	82.1
Total volatile solids	%	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 17 (Center)*	*Bldg.39-Grid 17 (NE Corner)*	*Bldg.39-Grid 17 (NW Corner)*	*Bldg.39-Grid 17 (SE Corner)*
Sample ID:			*S-120403-SW-002*	*S-120503-SW-001*	*S-120503-SW-002*	*S-120403-SW-001*
Sample Date:			*12/4/2003*	*12/5/2003*	*12/5/2003*	*12/4/2003*
Sample Depth:			*3.5 ft*	*3.5 ft*	*3.5 ft*	*3.5 ft*
Parameter	*Units*	*RUSCO Criteria*				
Volatiles						
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 17 (Center)*	*Bldg.39-Grid 17 (NE Corner)*	*Bldg.39-Grid 17 (NW Corner)*	*Bldg.39-Grid 17 (SE Corner)*
Sample ID:			*S-120403-SW-002*	*S-120503-SW-001*	*S-120503-SW-002*	*S-120403-SW-001*
Sample Date:			*12/4/2003*	*12/5/2003*	*12/5/2003*	*12/4/2003*
Sample Depth:			*3.5 ft*	*3.5 ft*	*3.5 ft*	*3.5 ft*
Parameter	*Units*	*RUSCO Criteria*				
m&p-Xylenes	µg/kg	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 17 (Center)*	*Bldg.39-Grid 17 (NE Corner)*	*Bldg.39-Grid 17 (NW Corner)*	*Bldg.39-Grid 17 (SE Corner)*
Sample ID:			*S-120403-SW-002*	*S-120503-SW-001*	*S-120503-SW-002*	*S-120403-SW-001*
Sample Date:			*12/4/2003*	*12/5/2003*	*12/5/2003*	*12/4/2003*
Sample Depth:			*3.5 ft*	*3.5 ft*	*3.5 ft*	*3.5 ft*
Parameter	*Units*	*RUSCO Criteria*				
3-Nitroaniline	µg/kg	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 17 (Center)*	*Bldg.39-Grid 17 (NE Corner)*	*Bldg.39-Grid 17 (NW Corner)*	*Bldg.39-Grid 17 (SE Corner)*
Sample ID:			*S-120403-SW-002*	*S-120503-SW-001*	*S-120503-SW-002*	*S-120403-SW-001*
Sample Date:			*12/4/2003*	*12/5/2003*	*12/5/2003*	*12/4/2003*
Sample Depth:			*3.5 ft*	*3.5 ft*	*3.5 ft*	*3.5 ft*
Parameter	*Units*	*RUSCO Criteria*				
Isophorone	µg/kg	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-
Metals						
Aluminum	µg/kg	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-
Calcium	µg/kg	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-
Iron	µg/kg	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-
Potassium	µg/kg	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-
Sodium	µg/kg	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 17 (Center)*	*Bldg.39-Grid 17 (NE Corner)*	*Bldg.39-Grid 17 (NW Corner)*	*Bldg.39-Grid 17 (SE Corner)*
Sample ID:			*S-120403-SW-002*	*S-120503-SW-001*	*S-120503-SW-002*	*S-120403-SW-001*
Sample Date:			*12/4/2003*	*12/5/2003*	*12/5/2003*	*12/4/2003*
Sample Depth:			*3.5 ft*	*3.5 ft*	*3.5 ft*	*3.5 ft*
Parameter	*Units*	*RUSCO Criteria*				
PCBs						
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (680)	ND (690)	ND (670)	ND (610)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (680)	ND (690)	ND (670)	ND (610)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (680)	ND (690)	ND (670)	ND (610)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (680)	ND (690)	ND (670)	ND (610)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (680)	ND (690)	ND (670)	ND (610)
Aroclor-1254 (PCB-1254)	µg/kg	-	1300	ND (690)	1900	ND (610)
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (680)	ND (690)	ND (670)	ND (610)
Total PCBs	µg/kg	-	1300	ND	1900	ND
Pesticides						
4,4'-DDD	µg/kg	180000	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-
Petroleum Hydrocarbons						
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 17 (Center)*	*Bldg.39-Grid 17 (NE Corner)*	*Bldg.39-Grid 17 (NW Corner)*	*Bldg.39-Grid 17 (SE Corner)*
Sample ID:			*S-120403-SW-002*	*S-120503-SW-001*	*S-120503-SW-002*	*S-120403-SW-001*
Sample Date:			*12/4/2003*	*12/5/2003*	*12/5/2003*	*12/4/2003*
Sample Depth:			*3.5 ft*	*3.5 ft*	*3.5 ft*	*3.5 ft*
Parameter	*Units*	*RUSCO Criteria*				
General Chemistry						
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-
Percent moisture	%	-	-	-	-	-
pH	s.u.	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-
Total solids	%	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 17 (SW Corner)*	*Bldg.39-Grid 18 (Center)*	*Bldg.39-Grid 18 (NE Corner)*	*Bldg.39-Grid 18 (NW Corner)*
Sample ID:			*S-120403-SW-003*	*S-120203-SW-022*	*S-120203-SW-021*	*S-120203-SW-030*
Sample Date:			*12/4/2003*	*12/2/2003*	*12/2/2003*	*12/2/2003*
Sample Depth:			*3.5 ft*	*3.5 ft BGS*	*3.5 ft BGS*	*3.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
Volatiles						
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 17 (SW Corner)*	*Bldg.39-Grid 18 (Center)*	*Bldg.39-Grid 18 (NE Corner)*	*Bldg.39-Grid 18 (NW Corner)*
Sample ID:			*S-120403-SW-003*	*S-120203-SW-022*	*S-120203-SW-021*	*S-120203-SW-030*
Sample Date:			*12/4/2003*	*12/2/2003*	*12/2/2003*	*12/2/2003*
Sample Depth:			*3.5 ft*	*3.5 ft BGS*	*3.5 ft BGS*	*3.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
m&p-Xylenes	µg/kg	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 17 (SW Corner)*	*Bldg.39-Grid 18 (Center)*	*Bldg.39-Grid 18 (NE Corner)*	*Bldg.39-Grid 18 (NW Corner)*
Sample ID:			*S-120403-SW-003*	*S-120203-SW-022*	*S-120203-SW-021*	*S-120203-SW-030*
Sample Date:			*12/4/2003*	*12/2/2003*	*12/2/2003*	*12/2/2003*
Sample Depth:			*3.5 ft*	*3.5 ft BGS*	*3.5 ft BGS*	*3.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
3-Nitroaniline	µg/kg	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 17 (SW Corner)*	*Bldg.39-Grid 18 (Center)*	*Bldg.39-Grid 18 (NE Corner)*	*Bldg.39-Grid 18 (NW Corner)*
Sample ID:			*S-120403-SW-003*	*S-120203-SW-022*	*S-120203-SW-021*	*S-120203-SW-030*
Sample Date:			*12/4/2003*	*12/2/2003*	*12/2/2003*	*12/2/2003*
Sample Depth:			*3.5 ft*	*3.5 ft BGS*	*3.5 ft BGS*	*3.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
Isophorone	µg/kg	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-
Metals						
Aluminum	µg/kg	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-
Calcium	µg/kg	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-
Iron	µg/kg	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-
Potassium	µg/kg	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-
Sodium	µg/kg	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 17 (SW Corner)*	*Bldg.39-Grid 18 (Center)*	*Bldg.39-Grid 18 (NE Corner)*	*Bldg.39-Grid 18 (NW Corner)*
Sample ID:			*S-120403-SW-003*	*S-120203-SW-022*	*S-120203-SW-021*	*S-120203-SW-030*
Sample Date:			*12/4/2003*	*12/2/2003*	*12/2/2003*	*12/2/2003*
Sample Depth:			*3.5 ft*	*3.5 ft BGS*	*3.5 ft BGS*	*3.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
PCBs						
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (570)	ND (770)	ND (650)	ND (580)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (570)	ND (770)	ND (650)	ND (580)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (570)	ND (770)	ND (650)	ND (580)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (570)	ND (770)	ND (650)	ND (580)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (570)	ND (770)	ND (650)	ND (580)
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (570)	ND (770)	ND (650)	ND (580)
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (570)	ND (770)	ND (650)	ND (580)
Total PCBs	µg/kg	-	ND	ND	ND	ND
Pesticides						
4,4'-DDD	µg/kg	180000	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-
Petroleum Hydrocarbons						
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 17 (SW Corner)*	*Bldg.39-Grid 18 (Center)*	*Bldg.39-Grid 18 (NE Corner)*	*Bldg.39-Grid 18 (NW Corner)*
Sample ID:			*S-120403-SW-003*	*S-120203-SW-022*	*S-120203-SW-021*	*S-120203-SW-030*
Sample Date:			*12/4/2003*	*12/2/2003*	*12/2/2003*	*12/2/2003*
Sample Depth:			*3.5 ft*	*3.5 ft BGS*	*3.5 ft BGS*	*3.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
General Chemistry						
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-
Percent moisture	%	-	-	-	-	-
pH	s.u.	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-
Total solids	%	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 18 (SE Corner)*	*Bldg.39-Grid 18 (SW Corner)*	*Bldg.39-Grid 19*	*Bldg.39-Grid 19 (Center)*
Sample ID:			*S-120203-SW-023*	*S-120203-SW-024*	*S-JSH-307*	*S-120203-SW-027*
Sample Date:			*12/2/2003*	*12/2/2003*	*6/21/2000*	*12/2/2003*
Sample Depth:			*3.5 ft BGS*	*3.5 ft BGS*	*3-4 ft BGS*	*3.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
Volatiles						
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 18 (SE Corner)*	*Bldg.39-Grid 18 (SW Corner)*	*Bldg.39-Grid 19*	*Bldg.39-Grid 19 (Center)*
Sample ID:			*S-120203-SW-023*	*S-120203-SW-024*	*S-JSH-307*	*S-120203-SW-027*
Sample Date:			*12/2/2003*	*12/2/2003*	*6/21/2000*	*12/2/2003*
Sample Depth:			*3.5 ft BGS*	*3.5 ft BGS*	*3-4 ft BGS*	*3.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
m&p-Xylenes	µg/kg	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 18 (SE Corner)*	*Bldg.39-Grid 18 (SW Corner)*	*Bldg.39-Grid 19*	*Bldg.39-Grid 19 (Center)*
Sample ID:			*S-120203-SW-023*	*S-120203-SW-024*	*S-JSH-307*	*S-120203-SW-027*
Sample Date:			*12/2/2003*	*12/2/2003*	*6/21/2000*	*12/2/2003*
Sample Depth:			*3.5 ft BGS*	*3.5 ft BGS*	*3-4 ft BGS*	*3.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
3-Nitroaniline	µg/kg	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 18 (SE Corner)*	*Bldg.39-Grid 18 (SW Corner)*	*Bldg.39-Grid 19*	*Bldg.39-Grid 19 (Center)*
Sample ID:			*S-120203-SW-023*	*S-120203-SW-024*	*S-JSH-307*	*S-120203-SW-027*
Sample Date:			*12/2/2003*	*12/2/2003*	*6/21/2000*	*12/2/2003*
Sample Depth:			*3.5 ft BGS*	*3.5 ft BGS*	*3-4 ft BGS*	*3.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
Isophorone	µg/kg	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-
Metals						
Aluminum	µg/kg	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-
Calcium	µg/kg	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-
Iron	µg/kg	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-
Potassium	µg/kg	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-
Sodium	µg/kg	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 18 (SE Corner)*	*Bldg.39-Grid 18 (SW Corner)*	*Bldg.39-Grid 19*	*Bldg.39-Grid 19 (Center)*
Sample ID:			*S-120203-SW-023*	*S-120203-SW-024*	*S-JSH-307*	*S-120203-SW-027*
Sample Date:			*12/2/2003*	*12/2/2003*	*6/21/2000*	*12/2/2003*
Sample Depth:			*3.5 ft BGS*	*3.5 ft BGS*	*3-4 ft BGS*	*3.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
PCBs						
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (560)	ND (590)	ND (40)	ND (660)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (560)	ND (590)	ND (79)	ND (660)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (560)	ND (590)	ND (40)	ND (660)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (560)	ND (590)	ND (40)	ND (660)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (560)	ND (590)	ND (40)	ND (660)
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (560)	ND (590)	ND (40)	6800
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (560)	ND (590)	ND (40)	ND (660) UJ
Total PCBs	µg/kg	-	ND	ND	ND	6800
Pesticides						
4,4'-DDD	µg/kg	180000	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-
Petroleum Hydrocarbons						
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 18 (SE Corner)*	*Bldg.39-Grid 18 (SW Corner)*	*Bldg.39-Grid 19*	*Bldg.39-Grid 19 (Center)*
Sample ID:			*S-120203-SW-023*	*S-120203-SW-024*	*S-JSH-307*	*S-120203-SW-027*
Sample Date:			*12/2/2003*	*12/2/2003*	*6/21/2000*	*12/2/2003*
Sample Depth:			*3.5 ft BGS*	*3.5 ft BGS*	*3-4 ft BGS*	*3.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
General Chemistry						
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-
Percent moisture	%	-	-	-	-	-
pH	s.u.	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-
Total solids	%	-	-	-	84.2	-
Total volatile solids	%	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 19 (NE Corner)*	*Bldg.39-Grid 19 (NW Corner)*	*Bldg.39-Grid 19 (NW Corner)*
Sample ID:			*S-120203-SW-029*	*S-120203-SW-025*	*S-120903-SW-001*
Sample Date:			*12/2/2003*	*12/2/2003*	*12/9/2003*
Sample Depth:			*3.5 ft BGS*	*3.5 ft BGS*	*4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*			
Volatiles					
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-
2-Hexanone	µg/kg	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-
Acetone	µg/kg	1000000	-	-	-
Benzene	µg/kg	89000	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-
Bromoform	µg/kg	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-
Chloroethane	µg/kg	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 19 (NE Corner)*	*Bldg.39-Grid 19 (NW Corner)*	*Bldg.39-Grid 19 (NW Corner)*
Sample ID:			*S-120203-SW-029*	*S-120203-SW-025*	*S-120903-SW-001*
Sample Date:			*12/2/2003*	*12/2/2003*	*12/9/2003*
Sample Depth:			*3.5 ft BGS*	*3.5 ft BGS*	*4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*			
m&p-Xylenes	µg/kg	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-
Naphthalene	µg/kg	1000000	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-
o-Xylene	µg/kg	-	-	-	-
Styrene	µg/kg	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-
Toluene	µg/kg	1000000	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-
Semi-Volatiles					
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 19 (NE Corner)*	*Bldg.39-Grid 19 (NW Corner)*	*Bldg.39-Grid 19 (NW Corner)*
Sample ID:			*S-120203-SW-029*	*S-120203-SW-025*	*S-120903-SW-001*
Sample Date:			*12/2/2003*	*12/2/2003*	*12/9/2003*
Sample Depth:			*3.5 ft BGS*	*3.5 ft BGS*	*4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*			
3-Nitroaniline	µg/kg	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-
Acetophenone	µg/kg	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-
Atrazine	µg/kg	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-
Caprolactam	µg/kg	-	-	-	-
Carbazole	µg/kg	-	-	-	-
Chrysene	µg/kg	110000	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-
Fluorene	µg/kg	1000000	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 19 (NE Corner)*	*Bldg.39-Grid 19 (NW Corner)*	*Bldg.39-Grid 19 (NW Corner)*
Sample ID:			*S-120203-SW-029*	*S-120203-SW-025*	*S-120903-SW-001*
Sample Date:			*12/2/2003*	*12/2/2003*	*12/9/2003*
Sample Depth:			*3.5 ft BGS*	*3.5 ft BGS*	*4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*			
Isophorone	µg/kg	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-
Phenol	µg/kg	1000000	-	-	-
Pyrene	µg/kg	1000000	-	-	-
Metals					
Aluminum	µg/kg	-	-	-	-
Antimony	µg/kg	-	-	-	-
Arsenic	µg/kg	16000	-	-	-
Barium	µg/kg	10000000	-	-	-
Beryllium	µg/kg	2700000	-	-	-
Cadmium	µg/kg	60000	-	-	-
Calcium	µg/kg	-	-	-	-
Chromium	µg/kg	-	-	-	-
Cobalt	µg/kg	-	-	-	-
Copper	µg/kg	10000000	-	-	-
Iron	µg/kg	-	-	-	-
Lead	µg/kg	3900000	-	-	-
Magnesium	µg/kg	-	-	-	-
Manganese	µg/kg	10000000	-	-	-
Mercury	µg/kg	5700	-	-	-
Nickel	µg/kg	10000000	-	-	-
Potassium	µg/kg	-	-	-	-
Selenium	µg/kg	6800000	-	-	-
Silver	µg/kg	6800000	-	-	-
Sodium	µg/kg	-	-	-	-
Thallium	µg/kg	-	-	-	-
Vanadium	µg/kg	-	-	-	-
Zinc	µg/kg	10000000	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 19 (NE Corner)*	*Bldg.39-Grid 19 (NW Corner)*	*Bldg.39-Grid 19 (NW Corner)*
Sample ID:			*S-120203-SW-029*	*S-120203-SW-025*	*S-120903-SW-001*
Sample Date:			*12/2/2003*	*12/2/2003*	*12/9/2003*
Sample Depth:			*3.5 ft BGS*	*3.5 ft BGS*	*4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*			
PCBs					
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (570)	ND (620)	ND (640)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (570)	ND (620)	ND (640)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (570)	ND (3100)	ND (640)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (570)	ND (620)	ND (640)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (570)	ND (620)	ND (640)
Aroclor-1254 (PCB-1254)	µg/kg	-	7800	20000	ND (640)
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (570) UJ	ND (3100)	ND (640)
Total PCBs	µg/kg	-	7800	20000	ND
Pesticides					
4,4'-DDD	µg/kg	180000	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-
Aldrin	µg/kg	1400	-	-	-
alpha-BHC	µg/kg	6800	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-
beta-BHC	µg/kg	14000	-	-	-
delta-BHC	µg/kg	1000000	-	-	-
Dieldrin	µg/kg	2800	-	-	-
Endosulfan I	µg/kg	920000	-	-	-
Endosulfan II	µg/kg	920000	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-
Endrin	µg/kg	410000	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-
Toxaphene	µg/kg	-	-	-	-
Petroleum Hydrocarbons					
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 19 (NE Corner)*	*Bldg.39-Grid 19 (NW Corner)*	*Bldg.39-Grid 19 (NW Corner)*
Sample ID:			*S-120203-SW-029*	*S-120203-SW-025*	*S-120903-SW-001*
Sample Date:			*12/2/2003*	*12/2/2003*	*12/9/2003*
Sample Depth:			*3.5 ft BGS*	*3.5 ft BGS*	*4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*			
General Chemistry					
Chemical oxygen demand (COD)	µg/kg	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-
Nitrogen	µg/kg	-	-	-	-
Oil and grease	µg/kg	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-
Percent moisture	%	-	-	-	-
pH	s.u.	-	-	-	-
pH (water)	s.u.	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-
Total solids	%	-	-	-	-
Total volatile solids	%	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 19 (SE Corner)*	*Bldg.39-Grid 19 (SW Corner)*	*Bldg.39-Grid 20*	*Bldg.39-Grid 20 (Center)*
Sample ID:			*S-120203-SW-028*	*S-120203-SW-026*	*S-JSH-302*	*S-120203-SW-031*
Sample Date:			*12/2/2003*	*12/2/2003*	*6/21/2000*	*12/2/2003*
Sample Depth:			*3.5 ft BGS*	*3.5 ft BGS*	*2-4 ft BGS*	*2.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
Volatiles						
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 19 (SE Corner)*	*Bldg.39-Grid 19 (SW Corner)*	*Bldg.39-Grid 20*	*Bldg.39-Grid 20 (Center)*
Sample ID:			*S-120203-SW-028*	*S-120203-SW-026*	*S-JSH-302*	*S-120203-SW-031*
Sample Date:			*12/2/2003*	*12/2/2003*	*6/21/2000*	*12/2/2003*
Sample Depth:			*3.5 ft BGS*	*3.5 ft BGS*	*2-4 ft BGS*	*2.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
m&p-Xylenes	µg/kg	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 19 (SE Corner)*	*Bldg.39-Grid 19 (SW Corner)*	*Bldg.39-Grid 20*	*Bldg.39-Grid 20 (Center)*
Sample ID:			*S-120203-SW-028*	*S-120203-SW-026*	*S-JSH-302*	*S-120203-SW-031*
Sample Date:			*12/2/2003*	*12/2/2003*	*6/21/2000*	*12/2/2003*
Sample Depth:			*3.5 ft BGS*	*3.5 ft BGS*	*2-4 ft BGS*	*2.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
3-Nitroaniline	µg/kg	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 19 (SE Corner)*	*Bldg.39-Grid 19 (SW Corner)*	*Bldg.39-Grid 20*	*Bldg.39-Grid 20 (Center)*
Sample ID:			*S-120203-SW-028*	*S-120203-SW-026*	*S-JSH-302*	*S-120203-SW-031*
Sample Date:			*12/2/2003*	*12/2/2003*	*6/21/2000*	*12/2/2003*
Sample Depth:			*3.5 ft BGS*	*3.5 ft BGS*	*2-4 ft BGS*	*2.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
Isophorone	µg/kg	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-
Metals						
Aluminum	µg/kg	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-
Calcium	µg/kg	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-
Iron	µg/kg	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-
Potassium	µg/kg	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-
Sodium	µg/kg	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 19 (SE Corner)*	*Bldg.39-Grid 19 (SW Corner)*	*Bldg.39-Grid 20*	*Bldg.39-Grid 20 (Center)*
Sample ID:			*S-120203-SW-028*	*S-120203-SW-026*	*S-JSH-302*	*S-120203-SW-031*
Sample Date:			*12/2/2003*	*12/2/2003*	*6/21/2000*	*12/2/2003*
Sample Depth:			*3.5 ft BGS*	*3.5 ft BGS*	*2-4 ft BGS*	*2.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
PCBs						
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (590)	ND (600)	ND (41)	ND (630)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (590)	ND (600)	ND (82)	ND (630)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (590)	ND (600)	ND (41)	ND (630)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (590)	ND (600)	ND (41)	ND (630)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (590)	ND (600)	ND (41)	ND (630)
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (590)	ND (600)	380	930
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (590)	ND (600)	110	ND (630)
Total PCBs	µg/kg	-	ND	ND	490	930
Pesticides						
4,4'-DDD	µg/kg	180000	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-
Petroleum Hydrocarbons						
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 19 (SE Corner)*	*Bldg.39-Grid 19 (SW Corner)*	*Bldg.39-Grid 20*	*Bldg.39-Grid 20 (Center)*
Sample ID:			*S-120203-SW-028*	*S-120203-SW-026*	*S-JSH-302*	*S-120203-SW-031*
Sample Date:			*12/2/2003*	*12/2/2003*	*6/21/2000*	*12/2/2003*
Sample Depth:			*3.5 ft BGS*	*3.5 ft BGS*	*2-4 ft BGS*	*2.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
General Chemistry						
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-
Percent moisture	%	-	-	-	-	-
pH	s.u.	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-
Total solids	%	-	-	-	81.6	-
Total volatile solids	%	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 20 (NW Corner)*	*Bldg.39-Grid 20 (NW Corner)*	*Bldg.39-Grid 20 (NW Corner)*
Sample ID:			*S-120203-SW-034*	*S-121203-SW-001*	*S-121703-SW-004*
Sample Date:			*12/2/2003*	*12/12/2003*	*12/17/2003*
Sample Depth:			*2.5 ft BGS*	*4 ft*	*5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*			
Volatiles					
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-
2-Hexanone	µg/kg	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-
Acetone	µg/kg	1000000	-	-	-
Benzene	µg/kg	89000	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-
Bromoform	µg/kg	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-
Chloroethane	µg/kg	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 20 (NW Corner)*	*Bldg.39-Grid 20 (NW Corner)*	*Bldg.39-Grid 20 (NW Corner)*
Sample ID:			*S-120203-SW-034*	*S-121203-SW-001*	*S-121703-SW-004*
Sample Date:			*12/2/2003*	*12/12/2003*	*12/17/2003*
Sample Depth:			*2.5 ft BGS*	*4 ft*	*5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*			
m&p-Xylenes	µg/kg	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-
Naphthalene	µg/kg	1000000	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-
o-Xylene	µg/kg	-	-	-	-
Styrene	µg/kg	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-
Toluene	µg/kg	1000000	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-
Semi-Volatiles					
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 20 (NW Corner)*	*Bldg.39-Grid 20 (NW Corner)*	*Bldg.39-Grid 20 (NW Corner)*
Sample ID:			*S-120203-SW-034*	*S-121203-SW-001*	*S-121703-SW-004*
Sample Date:			*12/2/2003*	*12/12/2003*	*12/17/2003*
Sample Depth:			*2.5 ft BGS*	*4 ft*	*5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*			
3-Nitroaniline	µg/kg	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-
Acetophenone	µg/kg	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-
Atrazine	µg/kg	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-
Caprolactam	µg/kg	-	-	-	-
Carbazole	µg/kg	-	-	-	-
Chrysene	µg/kg	110000	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-
Fluorene	µg/kg	1000000	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 20 (NW Corner)*	*Bldg.39-Grid 20 (NW Corner)*	*Bldg.39-Grid 20 (NW Corner)*
Sample ID:			*S-120203-SW-034*	*S-121203-SW-001*	*S-121703-SW-004*
Sample Date:			*12/2/2003*	*12/12/2003*	*12/17/2003*
Sample Depth:			*2.5 ft BGS*	*4 ft*	*5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*			
Isophorone	µg/kg	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-
Phenol	µg/kg	1000000	-	-	-
Pyrene	µg/kg	1000000	-	-	-
Metals					
Aluminum	µg/kg	-	-	-	-
Antimony	µg/kg	-	-	-	-
Arsenic	µg/kg	16000	-	-	-
Barium	µg/kg	10000000	-	-	-
Beryllium	µg/kg	2700000	-	-	-
Cadmium	µg/kg	60000	-	-	-
Calcium	µg/kg	-	-	-	-
Chromium	µg/kg	-	-	-	-
Cobalt	µg/kg	-	-	-	-
Copper	µg/kg	10000000	-	-	-
Iron	µg/kg	-	-	-	-
Lead	µg/kg	3900000	-	-	-
Magnesium	µg/kg	-	-	-	-
Manganese	µg/kg	10000000	-	-	-
Mercury	µg/kg	5700	-	-	-
Nickel	µg/kg	10000000	-	-	-
Potassium	µg/kg	-	-	-	-
Selenium	µg/kg	6800000	-	-	-
Silver	µg/kg	6800000	-	-	-
Sodium	µg/kg	-	-	-	-
Thallium	µg/kg	-	-	-	-
Vanadium	µg/kg	-	-	-	-
Zinc	µg/kg	10000000	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 20 (NW Corner)*	*Bldg.39-Grid 20 (NW Corner)*	*Bldg.39-Grid 20 (NW Corner)*
Sample ID:			*S-120203-SW-034*	*S-121203-SW-001*	*S-121703-SW-004*
Sample Date:			*12/2/2003*	*12/12/2003*	*12/17/2003*
Sample Depth:			*2.5 ft BGS*	*4 ft*	*5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*			
PCBs					
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (6700)	ND (6000)	ND (630)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (6700)	ND (600)	ND (630)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (67000)	ND (6000)	ND (630)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (6700)	ND (6000)	ND (630)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (67000)	ND (6000)	ND (3200)
Aroclor-1254 (PCB-1254)	µg/kg	-	620000	94000	41000
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (67000)	ND (6000)	ND (3200)
Total PCBs	µg/kg	-	620000	94000	41000
Pesticides					
4,4'-DDD	µg/kg	180000	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-
Aldrin	µg/kg	1400	-	-	-
alpha-BHC	µg/kg	6800	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-
beta-BHC	µg/kg	14000	-	-	-
delta-BHC	µg/kg	1000000	-	-	-
Dieldrin	µg/kg	2800	-	-	-
Endosulfan I	µg/kg	920000	-	-	-
Endosulfan II	µg/kg	920000	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-
Endrin	µg/kg	410000	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-
Toxaphene	µg/kg	-	-	-	-
Petroleum Hydrocarbons					
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 20 (NW Corner)*	*Bldg.39-Grid 20 (NW Corner)*	*Bldg.39-Grid 20 (NW Corner)*
Sample ID:			*S-120203-SW-034*	*S-121203-SW-001*	*S-121703-SW-004*
Sample Date:			*12/2/2003*	*12/12/2003*	*12/17/2003*
Sample Depth:			*2.5 ft BGS*	*4 ft*	*5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*			
General Chemistry					
Chemical oxygen demand (COD)	µg/kg	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-
Nitrogen	µg/kg	-	-	-	-
Oil and grease	µg/kg	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-
Percent moisture	%	-	-	-	-
pH	s.u.	-	-	-	-
pH (water)	s.u.	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-
Total solids	%	-	-	-	-
Total volatile solids	%	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 20 (SE Corner)*	*Bldg.39-Grid 20 (SW Corner)*	*Bldg.39-Grid 20 (SW Corner)*
Sample ID:			*S-120203-SW-032*	*S-120203-SW-033*	*S-121203-SW-002*
Sample Date:			*12/2/2003*	*12/2/2003*	*12/12/2003*
Sample Depth:			*2.5 ft BGS*	*2.5 ft BGS*	*4 ft*
Parameter	*Units*	*RUSCO Criteria*			
Volatiles					
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-
2-Hexanone	µg/kg	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-
Acetone	µg/kg	1000000	-	-	-
Benzene	µg/kg	89000	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-
Bromoform	µg/kg	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-
Chloroethane	µg/kg	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 20 (SE Corner)*	*Bldg.39-Grid 20 (SW Corner)*	*Bldg.39-Grid 20 (SW Corner)*
Sample ID:			*S-120203-SW-032*	*S-120203-SW-033*	*S-121203-SW-002*
Sample Date:			*12/2/2003*	*12/2/2003*	*12/12/2003*
Sample Depth:			*2.5 ft BGS*	*2.5 ft BGS*	*4 ft*
Parameter	*Units*	*RUSCO Criteria*			
m&p-Xylenes	µg/kg	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-
Naphthalene	µg/kg	1000000	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-
o-Xylene	µg/kg	-	-	-	-
Styrene	µg/kg	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-
Toluene	µg/kg	1000000	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-
Semi-Volatiles					
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 20 (SE Corner)*	*Bldg.39-Grid 20 (SW Corner)*	*Bldg.39-Grid 20 (SW Corner)*
Sample ID:			*S-120203-SW-032*	*S-120203-SW-033*	*S-121203-SW-002*
Sample Date:			*12/2/2003*	*12/2/2003*	*12/12/2003*
Sample Depth:			*2.5 ft BGS*	*2.5 ft BGS*	*4 ft*
Parameter	*Units*	*RUSCO Criteria*			
3-Nitroaniline	µg/kg	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-
Acetophenone	µg/kg	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-
Atrazine	µg/kg	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-
Caprolactam	µg/kg	-	-	-	-
Carbazole	µg/kg	-	-	-	-
Chrysene	µg/kg	110000	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-
Fluorene	µg/kg	1000000	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 20 (SE Corner)*	*Bldg.39-Grid 20 (SW Corner)*	*Bldg.39-Grid 20 (SW Corner)*
Sample ID:			*S-120203-SW-032*	*S-120203-SW-033*	*S-121203-SW-002*
Sample Date:			*12/2/2003*	*12/2/2003*	*12/12/2003*
Sample Depth:			*2.5 ft BGS*	*2.5 ft BGS*	*4 ft*
Parameter	*Units*	*RUSCO Criteria*			
Isophorone	µg/kg	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-
Phenol	µg/kg	1000000	-	-	-
Pyrene	µg/kg	1000000	-	-	-
Metals					
Aluminum	µg/kg	-	-	-	-
Antimony	µg/kg	-	-	-	-
Arsenic	µg/kg	16000	-	-	-
Barium	µg/kg	10000000	-	-	-
Beryllium	µg/kg	2700000	-	-	-
Cadmium	µg/kg	60000	-	-	-
Calcium	µg/kg	-	-	-	-
Chromium	µg/kg	-	-	-	-
Cobalt	µg/kg	-	-	-	-
Copper	µg/kg	10000000	-	-	-
Iron	µg/kg	-	-	-	-
Lead	µg/kg	3900000	-	-	-
Magnesium	µg/kg	-	-	-	-
Manganese	µg/kg	10000000	-	-	-
Mercury	µg/kg	5700	-	-	-
Nickel	µg/kg	10000000	-	-	-
Potassium	µg/kg	-	-	-	-
Selenium	µg/kg	6800000	-	-	-
Silver	µg/kg	6800000	-	-	-
Sodium	µg/kg	-	-	-	-
Thallium	µg/kg	-	-	-	-
Vanadium	µg/kg	-	-	-	-
Zinc	µg/kg	10000000	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 20 (SE Corner)*	*Bldg.39-Grid 20 (SW Corner)*	*Bldg.39-Grid 20 (SW Corner)*
Sample ID:			*S-120203-SW-032*	*S-120203-SW-033*	*S-121203-SW-002*
Sample Date:			*12/2/2003*	*12/2/2003*	*12/12/2003*
Sample Depth:			*2.5 ft BGS*	*2.5 ft BGS*	*4 ft*
Parameter	*Units*	*RUSCO Criteria*			
PCBs					
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (630)	ND (160000)	ND (25000)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (630)	ND (16000)	ND (640)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (630)	ND (160000)	ND (25000)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (630)	ND (160000)	ND (25000)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (630)	ND (160000)	ND (25000)
Aroclor-1254 (PCB-1254)	µg/kg	-	1100	1700000	340000
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (630)	ND (160000)	ND (25000)
Total PCBs	µg/kg	-	1100	1700000	340000
Pesticides					
4,4'-DDD	µg/kg	180000	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-
Aldrin	µg/kg	1400	-	-	-
alpha-BHC	µg/kg	6800	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-
beta-BHC	µg/kg	14000	-	-	-
delta-BHC	µg/kg	1000000	-	-	-
Dieldrin	µg/kg	2800	-	-	-
Endosulfan I	µg/kg	920000	-	-	-
Endosulfan II	µg/kg	920000	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-
Endrin	µg/kg	410000	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-
Toxaphene	µg/kg	-	-	-	-
Petroleum Hydrocarbons					
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 20 (SE Corner)*	*Bldg.39-Grid 20 (SW Corner)*	*Bldg.39-Grid 20 (SW Corner)*
Sample ID:			*S-120203-SW-032*	*S-120203-SW-033*	*S-121203-SW-002*
Sample Date:			*12/2/2003*	*12/2/2003*	*12/12/2003*
Sample Depth:			*2.5 ft BGS*	*2.5 ft BGS*	*4 ft*
Parameter	*Units*	*RUSCO Criteria*			
General Chemistry					
Chemical oxygen demand (COD)	µg/kg	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-
Nitrogen	µg/kg	-	-	-	-
Oil and grease	µg/kg	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-
Percent moisture	%	-	-	-	-
pH	s.u.	-	-	-	-
pH (water)	s.u.	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-
Total solids	%	-	-	-	-
Total volatile solids	%	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 20 (SW Corner)*	*Bldg.53-BH1*	*Bldg.53-BH2*	*Bldg.53-BH3*	*Bldg.53-BH4*	*Bldg.53-BH5*
Sample ID:			*S-121703-SW-005*	*S-JSH-343*	*S-JSH-375*	*S-JSH-369*	*S-JSH-373*	*S-JSH-371*
Sample Date:			*12/17/2003*	*6/23/2000*	*6/26/2000*	*6/26/2000*	*6/26/2000*	*6/26/2000*
Sample Depth:			*5 ft BGS*	*3-4 ft BGS*	*3-5 ft BGS*	*3.3-6.3 ft BGS*	*3-5 ft BGS*	*3.1-5.1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
Volatiles								
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 20 (SW Corner)*	*Bldg.53-BH1*	*Bldg.53-BH2*	*Bldg.53-BH3*	*Bldg.53-BH4*	*Bldg.53-BH5*
Sample ID:			*S-121703-SW-005*	*S-JSH-343*	*S-JSH-375*	*S-JSH-369*	*S-JSH-373*	*S-JSH-371*
Sample Date:			*12/17/2003*	*6/23/2000*	*6/26/2000*	*6/26/2000*	*6/26/2000*	*6/26/2000*
Sample Depth:			*5 ft BGS*	*3-4 ft BGS*	*3-5 ft BGS*	*3.3-6.3 ft BGS*	*3-5 ft BGS*	*3.1-5.1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
m&p-Xylenes	µg/kg	-	-	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-	-
Semi-Volatiles								
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 20 (SW Corner)*	*Bldg.53-BH1*	*Bldg.53-BH2*	*Bldg.53-BH3*	*Bldg.53-BH4*	*Bldg.53-BH5*
Sample ID:			*S-121703-SW-005*	*S-JSH-343*	*S-JSH-375*	*S-JSH-369*	*S-JSH-373*	*S-JSH-371*
Sample Date:			*12/17/2003*	*6/23/2000*	*6/26/2000*	*6/26/2000*	*6/26/2000*	*6/26/2000*
Sample Depth:			*5 ft BGS*	*3-4 ft BGS*	*3-5 ft BGS*	*3.3-6.3 ft BGS*	*3-5 ft BGS*	*3.1-5.1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
3-Nitroaniline	µg/kg	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 20 (SW Corner)*	*Bldg.53-BH1*	*Bldg.53-BH2*	*Bldg.53-BH3*	*Bldg.53-BH4*	*Bldg.53-BH5*
Sample ID:			*S-121703-SW-005*	*S-JSH-343*	*S-JSH-375*	*S-JSH-369*	*S-JSH-373*	*S-JSH-371*
Sample Date:			*12/17/2003*	*6/23/2000*	*6/26/2000*	*6/26/2000*	*6/26/2000*	*6/26/2000*
Sample Depth:			*5 ft BGS*	*3-4 ft BGS*	*3-5 ft BGS*	*3.3-6.3 ft BGS*	*3-5 ft BGS*	*3.1-5.1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
Isophorone	µg/kg	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-	-
Metals								
Aluminum	µg/kg	-	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 20 (SW Corner)*	*Bldg.53-BH1*	*Bldg.53-BH2*	*Bldg.53-BH3*	*Bldg.53-BH4*	*Bldg.53-BH5*
Sample ID:			*S-121703-SW-005*	*S-JSH-343*	*S-JSH-375*	*S-JSH-369*	*S-JSH-373*	*S-JSH-371*
Sample Date:			*12/17/2003*	*6/23/2000*	*6/26/2000*	*6/26/2000*	*6/26/2000*	*6/26/2000*
Sample Depth:			*5 ft BGS*	*3-4 ft BGS*	*3-5 ft BGS*	*3.3-6.3 ft BGS*	*3-5 ft BGS*	*3.1-5.1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
PCBs								
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (550)	ND (38)	ND (38)	ND (41)	ND (43)	ND (3500)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (550)	ND (76)	ND (76)	ND (82)	ND (86)	ND (7000)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (1100)	ND (38)	ND (38)	ND (41)	ND (43)	ND (3500)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (550)	ND (38)	ND (38)	ND (41)	ND (43)	ND (3500)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (1100)	ND (38)	ND (38)	ND (41)	ND (43)	ND (3500)
Aroclor-1254 (PCB-1254)	µg/kg	-	13000	ND (38)	480	250	83	7600
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (1100)	ND (38)	62	ND (41)	58	ND (3500)
Total PCBs	µg/kg	-	13000	ND	542	250	141	7600
Pesticides								
4,4'-DDD	µg/kg	180000	-	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-	-
Petroleum Hydrocarbons								
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.39-Grid 20 (SW Corner)*	*Bldg.53-BH1*	*Bldg.53-BH2*	*Bldg.53-BH3*	*Bldg.53-BH4*	*Bldg.53-BH5*
Sample ID:			*S-121703-SW-005*	*S-JSH-343*	*S-JSH-375*	*S-JSH-369*	*S-JSH-373*	*S-JSH-371*
Sample Date:			*12/17/2003*	*6/23/2000*	*6/26/2000*	*6/26/2000*	*6/26/2000*	*6/26/2000*
Sample Depth:			*5 ft BGS*	*3-4 ft BGS*	*3-5 ft BGS*	*3.3-6.3 ft BGS*	*3-5 ft BGS*	*3.1-5.1 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
General Chemistry								
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-
Total solids	%	-	-	87.7	87.7	81.2	77.3	95
Total volatile solids	%	-	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.56-BH6*	*Bldg.56-BH7*	*Bldg.56-BH8*	*Bldg.56-BH9*	*Bldg.56-BH10*	*Bldg.56-Center (debris)*
Sample ID:			*S-JSH-376*	*S-JSH-377*	*S-JSH-379*	*S-JSH-381*	*S-JSH-383*	*S-121003-SW-003*
Sample Date:			*6/26/2000*	*6/26/2000*	*6/26/2000*	*6/26/2000*	*6/26/2000*	*12/10/2003*
Sample Depth:			*3-5 ft BGS*	*2.8-4.8 ft BGS*	*1.9-3.9 ft BGS*	*1.6-3.6 ft BGS*	*3.3-5.3 ft BGS*	*4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
Volatiles								
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.56-BH6*	*Bldg.56-BH7*	*Bldg.56-BH8*	*Bldg.56-BH9*	*Bldg.56-BH10*	*Bldg.56-Center (debris)*
Sample ID:			*S-JSH-376*	*S-JSH-377*	*S-JSH-379*	*S-JSH-381*	*S-JSH-383*	*S-121003-SW-003*
Sample Date:			*6/26/2000*	*6/26/2000*	*6/26/2000*	*6/26/2000*	*6/26/2000*	*12/10/2003*
Sample Depth:			*3-5 ft BGS*	*2.8-4.8 ft BGS*	*1.9-3.9 ft BGS*	*1.6-3.6 ft BGS*	*3.3-5.3 ft BGS*	*4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
m&p-Xylenes	µg/kg	-	-	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-	-
Semi-Volatiles								
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.56-BH6*	*Bldg.56-BH7*	*Bldg.56-BH8*	*Bldg.56-BH9*	*Bldg.56-BH10*	*Bldg.56-Center (debris)*
Sample ID:			*S-JSH-376*	*S-JSH-377*	*S-JSH-379*	*S-JSH-381*	*S-JSH-383*	*S-121003-SW-003*
Sample Date:			*6/26/2000*	*6/26/2000*	*6/26/2000*	*6/26/2000*	*6/26/2000*	*12/10/2003*
Sample Depth:			*3-5 ft BGS*	*2.8-4.8 ft BGS*	*1.9-3.9 ft BGS*	*1.6-3.6 ft BGS*	*3.3-5.3 ft BGS*	*4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
3-Nitroaniline	µg/kg	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.56-BH6*	*Bldg.56-BH7*	*Bldg.56-BH8*	*Bldg.56-BH9*	*Bldg.56-BH10*	*Bldg.56-Center (debris)*
Sample ID:			*S-JSH-376*	*S-JSH-377*	*S-JSH-379*	*S-JSH-381*	*S-JSH-383*	*S-121003-SW-003*
Sample Date:			*6/26/2000*	*6/26/2000*	*6/26/2000*	*6/26/2000*	*6/26/2000*	*12/10/2003*
Sample Depth:			*3-5 ft BGS*	*2.8-4.8 ft BGS*	*1.9-3.9 ft BGS*	*1.6-3.6 ft BGS*	*3.3-5.3 ft BGS*	*4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
Isophorone	µg/kg	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-	-
Metals								
Aluminum	µg/kg	-	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.56-BH6*	*Bldg.56-BH7*	*Bldg.56-BH8*	*Bldg.56-BH9*	*Bldg.56-BH10*	*Bldg.56-Center (debris)*
Sample ID:			*S-JSH-376*	*S-JSH-377*	*S-JSH-379*	*S-JSH-381*	*S-JSH-383*	*S-121003-SW-003*
Sample Date:			*6/26/2000*	*6/26/2000*	*6/26/2000*	*6/26/2000*	*6/26/2000*	*12/10/2003*
Sample Depth:			*3-5 ft BGS*	*2.8-4.8 ft BGS*	*1.9-3.9 ft BGS*	*1.6-3.6 ft BGS*	*3.3-5.3 ft BGS*	*4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
PCBs								
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (39)	ND (34)	ND (40)	ND (51)	ND (41)	ND (1400) UJ
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (78)	ND (67)	ND (80)	ND (100)	ND (83)	ND (1400)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (39)	ND (34)	ND (40)	ND (51)	ND (41)	ND (1400) UJ
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (39)	ND (34)	ND (40)	ND (51)	ND (41)	ND (1400) UJ
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (39)	ND (34)	ND (40)	ND (51)	ND (41)	12000
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (39)	50	ND (40)	85	ND (41)	7300 J
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (39)	ND (34)	ND (40)	ND (51)	ND (41)	1900 J
Total PCBs	µg/kg	-	ND	50	ND	85	ND	21200
Pesticides								
4,4'-DDD	µg/kg	180000	-	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-	-
Petroleum Hydrocarbons								
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.56-BH6*	*Bldg.56-BH7*	*Bldg.56-BH8*	*Bldg.56-BH9*	*Bldg.56-BH10*	*Bldg.56-Center (debris)*
Sample ID:			*S-JSH-376*	*S-JSH-377*	*S-JSH-379*	*S-JSH-381*	*S-JSH-383*	*S-121003-SW-003*
Sample Date:			*6/26/2000*	*6/26/2000*	*6/26/2000*	*6/26/2000*	*6/26/2000*	*12/10/2003*
Sample Depth:			*3-5 ft BGS*	*2.8-4.8 ft BGS*	*1.9-3.9 ft BGS*	*1.6-3.6 ft BGS*	*3.3-5.3 ft BGS*	*4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
General Chemistry								
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-
Total solids	%	-	85.7	99.3	83.4	65.7	80.7	-
Total volatile solids	%	-	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.56-NE Corner (debris)*	*Bldg.56-NE Corner (debris)*	*Bldg.56-SE Corner (debris)*	*Bldg.56-SW Corner*
Sample ID:			*S-121003-SW-001*	*S-121703-SW-001*	*S-121003-SW-002*	*S-121603-SW-001*
Sample Date:			*12/10/2003*	*12/17/2003*	*12/10/2003*	*12/16/2003*
Sample Depth:			*4 ft BGS*	*5-6 ft BGS*	*4 ft BGS*	*4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
Volatiles						
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.56-NE Corner (debris)*	*Bldg.56-NE Corner (debris)*	*Bldg.56-SE Corner (debris)*	*Bldg.56-SW Corner*
Sample ID:			*S-121003-SW-001*	*S-121703-SW-001*	*S-121003-SW-002*	*S-121603-SW-001*
Sample Date:			*12/10/2003*	*12/17/2003*	*12/10/2003*	*12/16/2003*
Sample Depth:			*4 ft BGS*	*5-6 ft BGS*	*4 ft BGS*	*4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
m&p-Xylenes	µg/kg	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.56-NE Corner (debris)*	*Bldg.56-NE Corner (debris)*	*Bldg.56-SE Corner (debris)*	*Bldg.56-SW Corner*
Sample ID:			*S-121003-SW-001*	*S-121703-SW-001*	*S-121003-SW-002*	*S-121603-SW-001*
Sample Date:			*12/10/2003*	*12/17/2003*	*12/10/2003*	*12/16/2003*
Sample Depth:			*4 ft BGS*	*5-6 ft BGS*	*4 ft BGS*	*4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
3-Nitroaniline	µg/kg	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.56-NE Corner (debris)*	*Bldg.56-NE Corner (debris)*	*Bldg.56-SE Corner (debris)*	*Bldg.56-SW Corner*
Sample ID:			*S-121003-SW-001*	*S-121703-SW-001*	*S-121003-SW-002*	*S-121603-SW-001*
Sample Date:			*12/10/2003*	*12/17/2003*	*12/10/2003*	*12/16/2003*
Sample Depth:			*4 ft BGS*	*5-6 ft BGS*	*4 ft BGS*	*4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
Isophorone	µg/kg	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-
Metals						
Aluminum	µg/kg	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-
Calcium	µg/kg	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-
Iron	µg/kg	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-
Potassium	µg/kg	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-
Sodium	µg/kg	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.56-NE Corner (debris)*	*Bldg.56-NE Corner (debris)*	*Bldg.56-SE Corner (debris)*	*Bldg.56-SW Corner*
Sample ID:			*S-121003-SW-001*	*S-121703-SW-001*	*S-121003-SW-002*	*S-121603-SW-001*
Sample Date:			*12/10/2003*	*12/17/2003*	*12/10/2003*	*12/16/2003*
Sample Depth:			*4 ft BGS*	*5-6 ft BGS*	*4 ft BGS*	*4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
PCBs						
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (3300)	ND (630)	ND (2900)	ND (3300)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (660)	ND (630)	ND (580)	ND (660)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (3300)	ND (630)	ND (2900)	ND (3300)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (3300)	ND (630)	ND (2900)	ND (3300)
Aroclor-1248 (PCB-1248)	µg/kg	-	3800	ND (630)	8400	ND (660)
Aroclor-1254 (PCB-1254)	µg/kg	-	39000	ND (630)	15000 J	28000
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (3300)	ND (630)	1600 J	ND (3300)
Total PCBs	µg/kg	-	42800	ND	25000	28000
Pesticides						
4,4'-DDD	µg/kg	180000	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-
Petroleum Hydrocarbons						
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.56-NE Corner (debris)*	*Bldg.56-NE Corner (debris)*	*Bldg.56-SE Corner (debris)*	*Bldg.56-SW Corner*
Sample ID:			*S-121003-SW-001*	*S-121703-SW-001*	*S-121003-SW-002*	*S-121603-SW-001*
Sample Date:			*12/10/2003*	*12/17/2003*	*12/10/2003*	*12/16/2003*
Sample Depth:			*4 ft BGS*	*5-6 ft BGS*	*4 ft BGS*	*4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
General Chemistry						
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-
Percent moisture	%	-	-	-	-	-
pH	s.u.	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-
Total solids	%	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.56-West Edge (North)*	*Oil Delin. P1*	*Oil Delin. P4*	*Oil Delin. P6*	*Oil Delin. P8*	*Oil Delin. P9*
Sample ID:			*S-120303-SW-003*	*S-JSH-390*	*S-JSH-389*	*S-JSH-391*	*S-JSH-392*	*S-JSH-393*
Sample Date:			*12/3/2003*	*6/28/2000*	*6/28/2000*	*6/28/2000*	*6/28/2000*	*6/28/2000*
Sample Depth:			*2 ft BGS*	*4-4.5 ft BGS*	*3.5-4 ft BGS*	*3.3-3.8 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
Volatiles								
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.56-West Edge (North)*	*Oil Delin. P1*	*Oil Delin. P4*	*Oil Delin. P6*	*Oil Delin. P8*	*Oil Delin. P9*
Sample ID:			*S-120303-SW-003*	*S-JSH-390*	*S-JSH-389*	*S-JSH-391*	*S-JSH-392*	*S-JSH-393*
Sample Date:			*12/3/2003*	*6/28/2000*	*6/28/2000*	*6/28/2000*	*6/28/2000*	*6/28/2000*
Sample Depth:			*2 ft BGS*	*4-4.5 ft BGS*	*3.5-4 ft BGS*	*3.3-3.8 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
m&p-Xylenes	µg/kg	-	-	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-	-
Semi-Volatiles								
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.56-West Edge (North)*	*Oil Delin. P1*	*Oil Delin. P4*	*Oil Delin. P6*	*Oil Delin. P8*	*Oil Delin. P9*
Sample ID:			*S-120303-SW-003*	*S-JSH-390*	*S-JSH-389*	*S-JSH-391*	*S-JSH-392*	*S-JSH-393*
Sample Date:			*12/3/2003*	*6/28/2000*	*6/28/2000*	*6/28/2000*	*6/28/2000*	*6/28/2000*
Sample Depth:			*2 ft BGS*	*4-4.5 ft BGS*	*3.5-4 ft BGS*	*3.3-3.8 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
3-Nitroaniline	µg/kg	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	7100	1100	ND (430)	180 J	ND (450)
Acenaphthylene	µg/kg	1000000	-	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	9400	2400	ND (430)	360 J	220 J
Atrazine	µg/kg	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	6400	3400	ND (430)	620	3600
Benzo(a)pyrene	µg/kg	1100	-	**11000**	**2700**	ND (430)	650	**2900**
Benzo(b)fluoranthene	µg/kg	11000	-	3900	3200	ND (430)	570	2500
Benzo(g,h,i)perylene	µg/kg	1000000	-	4800	2200	ND (430)	160 J	630
Benzo(k)fluoranthene	µg/kg	110000	-	5600	3000	ND (430)	600	3600
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	11000	3200	ND (430)	950	4700
Dibenz(a,h)anthracene	µg/kg	1100	-	**2800**	**1200**	ND (430)	130 J	400 J
Dibenzofuran	µg/kg	1000000	-	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	6300	10000	120 J	1200	1600
Fluorene	µg/kg	1000000	-	2200	1400	ND (430)	400	ND (450)
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	2500	2100	ND (430)	150 J	740

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.56-West Edge (North)*	*Oil Delin. P1*	*Oil Delin. P4*	*Oil Delin. P6*	*Oil Delin. P8*	*Oil Delin. P9*
Sample ID:			*S-120303-SW-003*	*S-JSH-390*	*S-JSH-389*	*S-JSH-391*	*S-JSH-392*	*S-JSH-393*
Sample Date:			*12/3/2003*	*6/28/2000*	*6/28/2000*	*6/28/2000*	*6/28/2000*	*6/28/2000*
Sample Depth:			*2 ft BGS*	*4-4.5 ft BGS*	*3.5-4 ft BGS*	*3.3-3.8 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
Isophorone	µg/kg	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	760 J	1200	ND (430)	490	140 J
Nitrobenzene	µg/kg	140000	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	8100	8600	130 J	1300	720
Phenol	µg/kg	1000000	-	-	-	-	-	-
Pyrene	µg/kg	1000000	-	16000	6900	120 J	1200	1900
Metals								
Aluminum	µg/kg	-	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.56-West Edge (North)*	*Oil Delin. P1*	*Oil Delin. P4*	*Oil Delin. P6*	*Oil Delin. P8*	*Oil Delin. P9*
Sample ID:			*S-120303-SW-003*	*S-JSH-390*	*S-JSH-389*	*S-JSH-391*	*S-JSH-392*	*S-JSH-393*
Sample Date:			*12/3/2003*	*6/28/2000*	*6/28/2000*	*6/28/2000*	*6/28/2000*	*6/28/2000*
Sample Depth:			*2 ft BGS*	*4-4.5 ft BGS*	*3.5-4 ft BGS*	*3.3-3.8 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
PCBs								
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (590)	ND (400)	ND (42)	ND (44)	ND (40)	ND (45)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (590)	ND (800)	ND (84)	ND (88)	ND (81)	ND (91)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (590)	ND (400)	ND (42)	ND (44)	ND (40)	ND (45)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (590)	ND (400)	ND (42)	ND (44)	ND (40)	ND (45)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (590)	ND (400)	ND (42)	ND (44)	ND (40)	ND (45)
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (590)	670	ND (42)	ND (44)	ND (40)	120
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (590)	1000	ND (42)	ND (44)	ND (40)	ND (45)
Total PCBs	µg/kg	-	ND	1670	ND	ND	ND	120
Pesticides								
4,4'-DDD	µg/kg	180000	-	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-	-
Petroleum Hydrocarbons								
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	420000	61000	280000	110000	300000
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	650000	ND (30000)	64000	38000	52000
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*Bldg.56-West Edge (North)*	*Oil Delin. P1*	*Oil Delin. P4*	*Oil Delin. P6*	*Oil Delin. P8*	*Oil Delin. P9*
Sample ID:			*S-120303-SW-003*	*S-JSH-390*	*S-JSH-389*	*S-JSH-391*	*S-JSH-392*	*S-JSH-393*
Sample Date:			*12/3/2003*	*6/28/2000*	*6/28/2000*	*6/28/2000*	*6/28/2000*	*6/28/2000*
Sample Depth:			*2 ft BGS*	*4-4.5 ft BGS*	*3.5-4 ft BGS*	*3.3-3.8 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
General Chemistry								
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-
Total solids	%	-	-	83	79	76.1	82.4	73.3
Total volatile solids	%	-	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-1(B)-Boring 1*	*OU-1(B)-Boring 1*	*OU-1(B)-Boring 2*	*OU-1(B)-Boring 4*	*OU-1(B)-Boring 5*
Sample ID:			*S-2939-062303-SW-058*	*S-2939-062303-SW-059*	*S-2939-062303-SW-060*	*S-2939-062303-SW-061*	*S-2939-062303-SW-062*
Sample Date:			*6/23/2003*	*6/23/2003*	*6/23/2003*	*6/23/2003*	*6/23/2003*
Sample Depth:			*1-3 ft BGS*	*5-7 ft BGS*	*3-5 ft BGS*	*1-3 ft BGS*	*1-5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	ND (1)	ND (1)	1 J	ND (1)	ND (1)
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	ND (1)	ND (1)	2.2	ND (1)	ND (1)
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Isopropyl benzene	µg/kg	-	ND (1)	ND (1)	6.2	ND (1)	ND (1)

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-1(B)-Boring 1*	*OU-1(B)-Boring 1*	*OU-1(B)-Boring 2*	*OU-1(B)-Boring 4*	*OU-1(B)-Boring 5*
Sample ID:			*S-2939-062303-SW-058*	*S-2939-062303-SW-059*	*S-2939-062303-SW-060*	*S-2939-062303-SW-061*	*S-2939-062303-SW-062*
Sample Date:			*6/23/2003*	*6/23/2003*	*6/23/2003*	*6/23/2003*	*6/23/2003*
Sample Depth:			*1-3 ft BGS*	*5-7 ft BGS*	*3-5 ft BGS*	*1-3 ft BGS*	*1-5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
m&p-Xylenes	µg/kg	-	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	ND (1)	ND (1)	36	ND (1)	ND (1)
N-Butylbenzene	µg/kg	1000000	ND (1)	ND (1)	7.2	ND (1)	ND (1)
N-Propylbenzene	µg/kg	1000000	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
o-Xylene	µg/kg	-	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-1(B)-Boring 1*	*OU-1(B)-Boring 1*	*OU-1(B)-Boring 2*	*OU-1(B)-Boring 4*	*OU-1(B)-Boring 5*
Sample ID:			*S-2939-062303-SW-058*	*S-2939-062303-SW-059*	*S-2939-062303-SW-060*	*S-2939-062303-SW-061*	*S-2939-062303-SW-062*
Sample Date:			*6/23/2003*	*6/23/2003*	*6/23/2003*	*6/23/2003*	*6/23/2003*
Sample Depth:			*1-3 ft BGS*	*5-7 ft BGS*	*3-5 ft BGS*	*1-3 ft BGS*	*1-5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
3-Nitroaniline	µg/kg	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	600 J	ND (400)	ND (460)	ND (400)	ND (410)
Acenaphthylene	µg/kg	1000000	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	2300	100 J	ND (460)	200 J	ND (410)
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	6200	200 J	ND (460)	400	920
Benzo(a)pyrene	µg/kg	1100	**8600**	200 J	ND (460)	300 J	890
Benzo(b)fluoranthene	µg/kg	11000	9100	ND (400)	ND (460)	200 J	920
Benzo(g,h,i)perylene	µg/kg	1000000	5900	100 J	ND (460)	200 J	760
Benzo(k)fluoranthene	µg/kg	110000	7400	ND (400)	ND (460)	300 J	790
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-
Chrysene	µg/kg	110000	6900	400	300 J	400	1000
Dibenz(a,h)anthracene	µg/kg	1100	ND (2000)	ND (400)	ND (460)	ND (400)	ND (410)
Dibenzofuran	µg/kg	1000000	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	11000	490	ND (460)	980	940
Fluorene	µg/kg	1000000	600 J	ND (400)	ND (460)	ND (400)	ND (410)
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	5200	ND (400)	ND (460)	200 J	660

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-1(B)-Boring 1*	*OU-1(B)-Boring 1*	*OU-1(B)-Boring 2*	*OU-1(B)-Boring 4*	*OU-1(B)-Boring 5*
Sample ID:			*S-2939-062303-SW-058*	*S-2939-062303-SW-059*	*S-2939-062303-SW-060*	*S-2939-062303-SW-061*	*S-2939-062303-SW-062*
Sample Date:			*6/23/2003*	*6/23/2003*	*6/23/2003*	*6/23/2003*	*6/23/2003*
Sample Depth:			*1-3 ft BGS*	*5-7 ft BGS*	*3-5 ft BGS*	*1-3 ft BGS*	*1-5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Isophorone	µg/kg	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	1000 J	500	100 J	100 J	ND (410)
Nitrobenzene	µg/kg	140000	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-
Phenanthrene	µg/kg	1000000	8400	850	ND (460)	890	300 J
Phenol	µg/kg	1000000	-	-	-	-	-
Pyrene	µg/kg	1000000	9200	450	ND (460)	850	1000
Metals							
Aluminum	µg/kg	-	8160000 J	2720000 J	6410000 J	6870000 J	7900000 J
Antimony	µg/kg	-	55800 J	8900 J	6300 J	3600 J	6600 J
Arsenic	µg/kg	16000	**131000**	**28400**	**94600**	**20800**	**19800**
Barium	µg/kg	10000000	255000	136000	40700	48100	75300
Beryllium	µg/kg	2700000	740	180	250	420	410
Cadmium	µg/kg	60000	8000	330	2700	3000	7700
Calcium	µg/kg	-	61000000	3120000	12200000	39900000	19000000
Chromium	µg/kg	-	156000	22900	21000	13900	43400
Cobalt	µg/kg	-	66700 J	86100 J	39500 J	48800 J	9100 J
Copper	µg/kg	10000000	**48800000**	2640000	3240000	**27700000**	3680000
Iron	µg/kg	-	87300000 J	56400000 J	27100000 J	21200000 J	45900000 J
Lead	µg/kg	3900000	1580000 J	417000 J	167000 J	75800 J	278000 J
Magnesium	µg/kg	-	17600000	949000	4990000	11400000	5690000
Manganese	µg/kg	10000000	209000 J	54000 J	187000 J	260000 J	307000 J
Mercury	µg/kg	5700	**113000 J**	210 J	190 J	140 J	500 J
Nickel	µg/kg	10000000	151000 J	38800 J	458000 J	412000 J	105000 J
Potassium	µg/kg	-	1490000	2750000	1210000	903000	1330000
Selenium	µg/kg	6800000	26900 J	7200 J	8900 J	15300 J	5100 J
Silver	µg/kg	6800000	28900	7500	4300	20100	4300
Sodium	µg/kg	-	862000	405000	610000	260000	178000
Thallium	µg/kg	-	ND (520) UJ	ND (510) UJ	ND (590) UJ	ND (500) UJ	ND (520) UJ
Vanadium	µg/kg	-	41600	17500	21600	12300	28000
Zinc	µg/kg	10000000	4860000 J	1750000 J	541000 J	1240000 J	345000 J

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-1(B)-Boring 1*	*OU-1(B)-Boring 1*	*OU-1(B)-Boring 2*	*OU-1(B)-Boring 4*	*OU-1(B)-Boring 5*
Sample ID:			*S-2939-062303-SW-058*	*S-2939-062303-SW-059*	*S-2939-062303-SW-060*	*S-2939-062303-SW-061*	*S-2939-062303-SW-062*
Sample Date:			*6/23/2003*	*6/23/2003*	*6/23/2003*	*6/23/2003*	*6/23/2003*
Sample Depth:			*1-3 ft BGS*	*5-7 ft BGS*	*3-5 ft BGS*	*1-3 ft BGS*	*1-5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (6200)	ND (6100)	ND (7000)	ND (6000)	ND (6200)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (12000)	ND (12000)	ND (14000)	ND (12000)	ND (12000)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (6200)	ND (6100)	ND (7000)	ND (6000)	ND (6200)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (6200)	ND (6100)	ND (7000)	ND (6000)	ND (6200)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (6200)	ND (6100)	ND (7000)	ND (6000)	ND (6200)
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (6200)	ND (6100)	ND (7000)	ND (6000)	ND (6200)
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (6200)	ND (6100)	ND (7000)	ND (6000)	ND (6200)
Total PCBs	µg/kg	-	ND	ND	ND	ND	ND
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	611000	54900	4760000	116000	41600

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-1(B)-Boring 1*	*OU-1(B)-Boring 1*	*OU-1(B)-Boring 2*	*OU-1(B)-Boring 4*	*OU-1(B)-Boring 5*
Sample ID:			*S-2939-062303-SW-058*	*S-2939-062303-SW-059*	*S-2939-062303-SW-060*	*S-2939-062303-SW-061*	*S-2939-062303-SW-062*
Sample Date:			*6/23/2003*	*6/23/2003*	*6/23/2003*	*6/23/2003*	*6/23/2003*
Sample Depth:			*1-3 ft BGS*	*5-7 ft BGS*	*3-5 ft BGS*	*1-3 ft BGS*	*1-5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-
Percent moisture	%	-	18.8	18.1	28.4	16.8	18.9
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-1(B)-Boring 5*	*OU-1(B)-Boring 6*	*OU-1(C)-Boring 11*	*OU-1(C)-Boring 11*	*OU-1(C)-Boring 12*
Sample ID:			*S-2939-062303-SW-063*	*S-2939-062403-SW-064*	*S-2939-061903-SW-054*	*S-2939-061903-SW-055*	*S-2939-061903-SW-056*
Sample Date:			*6/23/2003*	*6/24/2003*	*6/19/2003*	*6/19/2003*	*6/19/2003*
Sample Depth:			*5-7 ft BGS*	*5-7 ft BGS*	*3-5 ft BGS*	*5-7 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	ND (1)	ND (1)	ND (1)	ND (1)	1.2
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	ND (1)	ND (1)	ND (1)	ND (1)	1.2
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Isopropyl benzene	µg/kg	-	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-1(B)-Boring 5*	*OU-1(B)-Boring 6*	*OU-1(C)-Boring 11*	*OU-1(C)-Boring 11*	*OU-1(C)-Boring 12*
Sample ID:			*S-2939-062303-SW-063*	*S-2939-062403-SW-064*	*S-2939-061903-SW-054*	*S-2939-061903-SW-055*	*S-2939-061903-SW-056*
Sample Date:			*6/23/2003*	*6/24/2003*	*6/19/2003*	*6/19/2003*	*6/19/2003*
Sample Depth:			*5-7 ft BGS*	*5-7 ft BGS*	*3-5 ft BGS*	*5-7 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
m&p-Xylenes	µg/kg	-	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
N-Butylbenzene	µg/kg	1000000	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
N-Propylbenzene	µg/kg	1000000	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
o-Xylene	µg/kg	-	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-1(B)-Boring 5*	*OU-1(B)-Boring 6*	*OU-1(C)-Boring 11*	*OU-1(C)-Boring 11*	*OU-1(C)-Boring 12*
Sample ID:			*S-2939-062303-SW-063*	*S-2939-062403-SW-064*	*S-2939-061903-SW-054*	*S-2939-061903-SW-055*	*S-2939-061903-SW-056*
Sample Date:			*6/23/2003*	*6/24/2003*	*6/19/2003*	*6/19/2003*	*6/19/2003*
Sample Depth:			*5-7 ft BGS*	*5-7 ft BGS*	*3-5 ft BGS*	*5-7 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
3-Nitroaniline	µg/kg	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	200 J	ND (460)	ND (420)	ND (430)	600 J
Acenaphthylene	µg/kg	1000000	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	1200	ND (460)	ND (420)	200 J	2000
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	3800	300 J	100 J	830	3400
Benzo(a)pyrene	µg/kg	1100	**4200**	100 J	100 J	820	**3900**
Benzo(b)fluoranthene	µg/kg	11000	3000	ND (460)	ND (420)	830	2300
Benzo(g,h,i)perylene	µg/kg	1000000	3200	ND (460)	100 J	770	2200
Benzo(k)fluoranthene	µg/kg	110000	3200	ND (460)	ND (420)	850	2900
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-
Chrysene	µg/kg	110000	3400	500	100 J	910	4700
Dibenz(a,h)anthracene	µg/kg	1100	ND (450)	ND (460)	ND (420)	ND (430)	ND (2000)
Dibenzofuran	µg/kg	1000000	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	5900	200 J	200 J	1300	6600
Fluorene	µg/kg	1000000	400 J	ND (460)	ND (420)	90 J	900 J
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	2500	ND (460)	ND (420)	680	1000 J

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-1(B)-Boring 5*	*OU-1(B)-Boring 6*	*OU-1(C)-Boring 11*	*OU-1(C)-Boring 11*	*OU-1(C)-Boring 12*
Sample ID:			*S-2939-062303-SW-063*	*S-2939-062403-SW-064*	*S-2939-061903-SW-054*	*S-2939-061903-SW-055*	*S-2939-061903-SW-056*
Sample Date:			*6/23/2003*	*6/24/2003*	*6/19/2003*	*6/19/2003*	*6/19/2003*
Sample Depth:			*5-7 ft BGS*	*5-7 ft BGS*	*3-5 ft BGS*	*5-7 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Isophorone	µg/kg	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	1000	ND (460)	200 J	200 J	1000 J
Nitrobenzene	µg/kg	140000	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-
Phenanthrene	µg/kg	1000000	3600	ND (460)	300 J	710	8600
Phenol	µg/kg	1000000	-	-	-	-	-
Pyrene	µg/kg	1000000	5800	300 J	200 J	1500	12000
Metals							
Aluminum	µg/kg	-	11100000 J	7930000 J	4030000 J	10000000 J	3720000 J
Antimony	µg/kg	-	5600 J	ND (1100) UJ	2300 J	2600 J	54600 J
Arsenic	µg/kg	16000	**30300**	13200	**139000**	**37000**	**125000**
Barium	µg/kg	10000000	70900	29400	54400	276000	217000
Beryllium	µg/kg	2700000	540	410	370	470	480
Cadmium	µg/kg	60000	4000	410	2600	21000	8400
Calcium	µg/kg	-	9010000	2830000	4330000	5280000	8080000
Chromium	µg/kg	-	31200	18600	7200	23500	28000
Cobalt	µg/kg	-	15200 J	7800 J	44300 J	64500 J	57300 J
Copper	µg/kg	10000000	5650000	374000	3910000	6760000	6600000
Iron	µg/kg	-	31200000 J	19100000 J	14400000 J	34100000 J	38100000 J
Lead	µg/kg	3900000	216000 J	40700 J	125000 J	443000 J	**11600000 J**
Magnesium	µg/kg	-	5350000	3310000	2220000	3490000	1800000
Manganese	µg/kg	10000000	265000 J	184000 J	127000 J	219000 J	181000 J
Mercury	µg/kg	5700	820 J	230 J	330 J	2400 J	3800 J
Nickel	µg/kg	10000000	113000 J	30000 J	86800 J	198000 J	104000 J
Potassium	µg/kg	-	1970000	1430000	388000	3270000	571000
Selenium	µg/kg	6800000	7800 J	1300 J	2800 J	6000 J	11500 J
Silver	µg/kg	6800000	6500	340	1400	2900	17300
Sodium	µg/kg	-	299000	389000	183000	384000	222000
Thallium	µg/kg	-	ND (570) UJ	ND (580) UJ	ND (540) UJ	ND (550) UJ	ND (510) UJ
Vanadium	µg/kg	-	31500	21400	13400	40100	17600
Zinc	µg/kg	10000000	418000 J	101000 J	1470000 J	4870000 J	3620000 J

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-1(B)-Boring 5*	*OU-1(B)-Boring 6*	*OU-1(C)-Boring 11*	*OU-1(C)-Boring 11*	*OU-1(C)-Boring 12*
Sample ID:			*S-2939-062303-SW-063*	*S-2939-062403-SW-064*	*S-2939-061903-SW-054*	*S-2939-061903-SW-055*	*S-2939-061903-SW-056*
Sample Date:			*6/23/2003*	*6/24/2003*	*6/19/2003*	*6/19/2003*	*6/19/2003*
Sample Depth:			*5-7 ft BGS*	*5-7 ft BGS*	*3-5 ft BGS*	*5-7 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (6800)	ND (6900)	ND (6400)	ND (6600)	ND (6100)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (14000)	ND (14000)	ND (13000)	ND (13000)	ND (12000)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (6800)	ND (6900)	ND (6400)	ND (6600)	ND (6100)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (6800)	ND (6900)	ND (6400)	ND (6600)	ND (6100)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (6800)	ND (6900)	ND (6400)	ND (6600)	ND (6100)
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (6800)	ND (6900)	ND (6400)	ND (6600)	ND (6100)
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (6800)	ND (6900)	ND (6400)	ND (6600)	ND (6100)
Total PCBs	µg/kg	-	ND	ND	ND	ND	ND
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	353000	72400	ND (39900)	123000	1940000

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-1(B)-Boring 5*	*OU-1(B)-Boring 6*	*OU-1(C)-Boring 11*	*OU-1(C)-Boring 11*	*OU-1(C)-Boring 12*
Sample ID:			*S-2939-062303-SW-063*	*S-2939-062403-SW-064*	*S-2939-061903-SW-054*	*S-2939-061903-SW-055*	*S-2939-061903-SW-056*
Sample Date:			*6/23/2003*	*6/24/2003*	*6/19/2003*	*6/19/2003*	*6/19/2003*
Sample Depth:			*5-7 ft BGS*	*5-7 ft BGS*	*3-5 ft BGS*	*5-7 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-
Percent moisture	%	-	26.4	27.5	21.6	23.9	18.0
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-1(C)-Boring 12*	*OU-1-S001*	*OU-1-S002*	*OU-1-S003*	*OU-1-S004*	*OU-1-S005*
Sample ID:			*S-2939-061903-SW-057*	*S-34084-SW-001*	*S-34084-SW-002*	*S-34084-SW-003*	*S-34084-SW-004*	*S-34084-SW-005*
Sample Date:			*6/19/2003*	*10/23/2003*	*10/23/2003*	*10/23/2003*	*10/23/2003*	*10/23/2003*
Sample Depth:			*6-8 ft BGS*	*4 ft*	*4 ft*	*4 ft*	*4 ft*	*4 ft*
Parameter	*Units*	*RUSCO Criteria*						
Volatiles								
1,1,1-Trichloroethane	µg/kg	1000000	-	ND (36)	ND (20)	ND (13)	ND (28)	ND (27)
1,1,2,2-Tetrachloroethane	µg/kg	-	-	ND (36)	ND (20)	ND (13)	ND (28)	ND (27)
1,1,2-Trichloroethane	µg/kg	-	-	ND (36) UJ	ND (20) UJ	ND (13) UJ	ND (28) UJ	ND (27) UJ
1,1-Dichloroethane	µg/kg	480000	-	ND (36)	ND (20)	ND (13)	ND (28)	ND (27)
1,1-Dichloroethene	µg/kg	1000000	-	ND (36)	ND (20)	ND (13)	ND (28)	ND (27)
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	2.4	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	ND (36)	ND (20)	ND (13)	ND (28)	ND (27)
1,2-Dichloroethene (total)	µg/kg	-	-	ND (36)	ND (20)	ND (13)	ND (28)	ND (27)
1,2-Dichloropropane	µg/kg	-	-	ND (36)	ND (20)	ND (13)	ND (28)	ND (27)
1,3,5-Trimethylbenzene	µg/kg	380000	1.9	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	ND (36)	120	ND (13)	40 J	ND (27)
2-Hexanone	µg/kg	-	-	ND (36)	ND (20)	ND (13)	ND (28)	ND (27)
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	ND (1)	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	ND (36)	ND (20)	ND (13)	ND (28)	ND (27)
Acetone	µg/kg	1000000	-	91	360	ND (13)	130 J	140 J
Benzene	µg/kg	89000	ND (1)	ND (36)	ND (20)	ND (13)	ND (28)	ND (27)
Bromodichloromethane	µg/kg	-	-	ND (36)	ND (20)	ND (13)	ND (28)	ND (27)
Bromoform	µg/kg	-	-	ND (36) UJ	ND (20) UJ	ND (13) UJ	ND (28) UJ	ND (27) UJ
Bromomethane (Methyl bromide)	µg/kg	-	-	ND (36) UJ	ND (20) UJ	ND (13) UJ	ND (28) UJ	ND (27) UJ
Carbon disulfide	µg/kg	-	-	ND (36)	ND (20)	ND (13)	ND (28)	ND (27)
Carbon tetrachloride	µg/kg	44000	-	ND (36) UJ	ND (20) UJ	ND (13) UJ	ND (28) UJ	ND (27) UJ
Chlorobenzene	µg/kg	1000000	-	ND (36) UJ	ND (20) UJ	ND (13) UJ	ND (28) UJ	ND (27) UJ
Chloroethane	µg/kg	-	-	ND (36)	ND (20)	ND (13)	ND (28)	ND (27)
Chloroform (Trichloromethane)	µg/kg	700000	-	ND (36)	ND (20)	ND (13)	ND (28)	ND (27)
Chloromethane (Methyl chloride)	µg/kg	-	-	ND (36) UJ	ND (20) UJ	ND (13) UJ	ND (28) UJ	ND (27) UJ
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	ND (36)	ND (20)	ND (13)	ND (28)	ND (27)
Cyclohexane	µg/kg	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	ND (1)	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	ND (36) UJ	ND (20) UJ	ND (13) UJ	ND (28) UJ	ND (27) UJ
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	ND (1)	ND (36)	ND (20)	ND (13)	ND (28)	ND (27)
Isopropyl benzene	µg/kg	-	ND (1)	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-1(C)-Boring 12*	*OU-1-S001*	*OU-1-S002*	*OU-1-S003*	*OU-1-S004*	*OU-1-S005*
Sample ID:			*S-2939-061903-SW-057*	*S-34084-SW-001*	*S-34084-SW-002*	*S-34084-SW-003*	*S-34084-SW-004*	*S-34084-SW-005*
Sample Date:			*6/19/2003*	*10/23/2003*	*10/23/2003*	*10/23/2003*	*10/23/2003*	*10/23/2003*
Sample Depth:			*6-8 ft BGS*	*4 ft*	*4 ft*	*4 ft*	*4 ft*	*4 ft*
Parameter	*Units*	*RUSCO Criteria*						
m&p-Xylenes	µg/kg	-	2.4	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	ND (1)	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	170 J	ND (20) U	ND (13) U	ND (28) U	ND (27) U
Naphthalene	µg/kg	1000000	1.5	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	ND (1)	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	ND (1)	-	-	-	-	-
o-Xylene	µg/kg	-	2.7	-	-	-	-	-
Styrene	µg/kg	-	-	ND (36) UJ	ND (20) UJ	ND (13) UJ	ND (28) UJ	ND (27) UJ
tert-Butylbenzene	µg/kg	1000000	ND (1)	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	ND (36)	ND (20)	ND (13)	ND (28)	ND (27)
Toluene	µg/kg	1000000	ND (1)	ND (36)	ND (20)	ND (13)	ND (28)	ND (27)
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	ND (36) UJ	ND (20) UJ	ND (13) UJ	ND (28) UJ	ND (27) UJ
Trichloroethene	µg/kg	400000	-	ND (36)	ND (20)	ND (13)	ND (28)	ND (27)
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	ND (36)	ND (20)	ND (13)	ND (28)	ND (27)
Xylenes (total)	µg/kg	1000000	ND (1)	ND (36)	ND (20)	ND (13)	ND (28)	ND (27)
Semi-Volatiles								
1,2,4-Trichlorobenzene	µg/kg	-	-	ND (600)	ND (670)	ND (440)	ND (460)	ND (900)
1,2-Dichlorobenzene	µg/kg	1000000	-	ND (600)	ND (670)	ND (440)	ND (460)	ND (900)
1,3-Dichlorobenzene	µg/kg	560000	-	ND (600)	ND (670)	ND (440)	ND (460)	ND (900)
1,4-Dichlorobenzene	µg/kg	250000	-	ND (600)	ND (670)	ND (440)	ND (460)	ND (900)
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	ND (600)	ND (670)	ND (440)	ND (460)	ND (900)
2,4,5-Trichlorophenol	µg/kg	-	-	ND (1500)	ND (1700)	ND (1100)	ND (1100)	ND (2300)
2,4,6-Trichlorophenol	µg/kg	-	-	ND (600)	ND (670)	ND (440)	ND (460)	ND (900)
2,4-Dichlorophenol	µg/kg	-	-	ND (600)	ND (670)	ND (440)	ND (460)	ND (900)
2,4-Dimethylphenol	µg/kg	-	-	ND (600)	ND (670)	ND (440)	ND (460)	ND (900)
2,4-Dinitrophenol	µg/kg	-	-	ND (1500)	ND (1700)	ND (1100)	ND (1100)	ND (2300)
2,4-Dinitrotoluene	µg/kg	-	-	ND (600)	ND (670)	ND (440)	ND (460)	ND (900)
2,6-Dinitrotoluene	µg/kg	-	-	ND (600)	ND (670)	ND (440)	ND (460)	ND (900)
2-Chloronaphthalene	µg/kg	-	-	ND (600)	ND (670)	ND (440)	ND (460)	ND (900)
2-Chlorophenol	µg/kg	-	-	ND (600)	ND (670)	ND (440)	ND (460)	ND (900)
2-Methylnaphthalene	µg/kg	-	-	830	1200	200 J	8900	23000
2-Methylphenol	µg/kg	1000000	-	ND (600)	ND (670)	ND (440)	ND (460)	ND (900)
2-Nitroaniline	µg/kg	-	-	ND (1500)	ND (1700)	ND (1100)	ND (1100)	ND (2300)
2-Nitrophenol	µg/kg	-	-	ND (600)	ND (670)	ND (440)	ND (460)	ND (900)
3,3'-Dichlorobenzidine	µg/kg	-	-	ND (3000) UJ	ND (670)	ND (440)	ND (2300) UJ	ND (4500) UJ

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-1(C)-Boring 12*	*OU-1-S001*	*OU-1-S002*	*OU-1-S003*	*OU-1-S004*	*OU-1-S005*
Sample ID:			*S-2939-061903-SW-057*	*S-34084-SW-001*	*S-34084-SW-002*	*S-34084-SW-003*	*S-34084-SW-004*	*S-34084-SW-005*
Sample Date:			*6/19/2003*	*10/23/2003*	*10/23/2003*	*10/23/2003*	*10/23/2003*	*10/23/2003*
Sample Depth:			*6-8 ft BGS*	*4 ft*	*4 ft*	*4 ft*	*4 ft*	*4 ft*
Parameter	*Units*	*RUSCO Criteria*						
3-Nitroaniline	µg/kg	-	-	ND (1500)	ND (1700)	ND (1100)	ND (1100)	ND (2300)
4,6-Dinitro-2-methylphenol	µg/kg	-	-	ND (1500)	ND (1700)	ND (1100)	ND (1100)	ND (2300)
4-Bromophenyl phenyl ether	µg/kg	-	-	ND (600)	ND (670)	ND (440)	ND (460)	ND (900)
4-Chloro-3-methylphenol	µg/kg	-	-	ND (600)	ND (670)	ND (440)	ND (460)	ND (900)
4-Chloroaniline	µg/kg	-	-	ND (600)	ND (670)	ND (440)	ND (460)	ND (900)
4-Chlorophenyl phenyl ether	µg/kg	-	-	ND (600)	ND (670)	ND (440)	ND (460)	ND (900)
4-Methylphenol	µg/kg	1000000	-	ND (600)	800	ND (440)	ND (460)	ND (900)
4-Nitroaniline	µg/kg	-	-	ND (1500)	ND (1700)	ND (1100)	ND (1100)	ND (2300)
4-Nitrophenol	µg/kg	-	-	ND (1500)	ND (1700)	ND (1100)	ND (1100)	ND (2300)
Acenaphthene	µg/kg	1000000	1000 J	ND (600)	400 J	100 J	1600	5700
Acenaphthylene	µg/kg	1000000	-	300 J	200 J	100 J	770	ND (900)
Acetophenone	µg/kg	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	3500	2100	960	1200	4200	7500
Atrazine	µg/kg	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	7100	3900 J	2700	4700	10000 J	**15000 J**
Benzo(a)pyrene	µg/kg	1100	**15000**	**3200 J**	**2400 J**	**3400**	**7700 J**	**10000 J**
Benzo(b)fluoranthene	µg/kg	11000	9200	2000 J	2900 J	4700	8200 J	5400 J
Benzo(g,h,i)perylene	µg/kg	1000000	9000	1000 J	600 J	1300	3100 J	4000 J
Benzo(k)fluoranthene	µg/kg	110000	8400	R	1600 J	3300	5000 J	R
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	ND (600)	ND (670)	ND (440)	ND (460)	ND (900)
bis(2-Chloroethyl)ether	µg/kg	-	-	ND (600)	ND (670)	ND (440)	ND (460)	ND (900)
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	ND (3000) UJ	ND (670)	ND (440)	ND (2300) UJ	ND (4500) UJ
Butyl benzylphthalate (BBP)	µg/kg	-	-	ND (3000) UJ	400 J	ND (440)	ND (2300) UJ	ND (4500) UJ
Caprolactam	µg/kg	-	-	-	-	-	-	-
Carbazole	µg/kg	-	-	ND (600)	500 J	460	790	ND (900)
Chrysene	µg/kg	110000	9000	6400 J	3200	4900	12000 J	24000 J
Dibenz(a,h)anthracene	µg/kg	1100	**2400**	R	400 J	600	1000 J	**2000 J**
Dibenzofuran	µg/kg	1000000	-	600 J	400 J	300 J	1300	ND (900)
Diethyl phthalate	µg/kg	-	-	ND (600)	ND (670)	ND (440)	ND (460)	ND (900)
Dimethyl phthalate	µg/kg	-	-	ND (600)	ND (670)	ND (440)	ND (460)	ND (900)
Di-n-butylphthalate (DBP)	µg/kg	-	-	ND (600)	ND (670)	ND (440)	ND (460)	ND (900)
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	ND (3000) UJ	ND (670)	ND (440)	ND (2300) UJ	ND (4500) UJ
Fluoranthene	µg/kg	1000000	11000	1600	5000	10000	14000	3400
Fluorene	µg/kg	1000000	1000 J	670	690	200 J	2800	10000
Hexachlorobenzene	µg/kg	12000	-	ND (600)	ND (670)	ND (440)	ND (460)	ND (900)
Hexachlorobutadiene	µg/kg	-	-	ND (600)	ND (670)	ND (440)	ND (460)	ND (900)
Hexachlorocyclopentadiene	µg/kg	-	-	ND (600)	ND (670)	ND (440)	ND (460)	ND (900)
Hexachloroethane	µg/kg	-	-	ND (600)	ND (670)	ND (440)	ND (460)	ND (900)
Indeno(1,2,3-cd)pyrene	µg/kg	11000	5900	ND (3000) UJ	830	1400	2500 J	1000 J

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-1(C)-Boring 12*	*OU-1-S001*	*OU-1-S002*	*OU-1-S003*	*OU-1-S004*	*OU-1-S005*
Sample ID:			*S-2939-061903-SW-057*	*S-34084-SW-001*	*S-34084-SW-002*	*S-34084-SW-003*	*S-34084-SW-004*	*S-34084-SW-005*
Sample Date:			*6/19/2003*	*10/23/2003*	*10/23/2003*	*10/23/2003*	*10/23/2003*	*10/23/2003*
Sample Depth:			*6-8 ft BGS*	*4 ft*	*4 ft*	*4 ft*	*4 ft*	*4 ft*
Parameter	*Units*	*RUSCO Criteria*						
Isophorone	µg/kg	-	-	ND (600)	ND (670)	ND (440)	ND (460)	ND (900)
Naphthalene	µg/kg	1000000	3800	500 J	1000	300 J	510	ND (900)
Nitrobenzene	µg/kg	140000	-	ND (600)	ND (670)	ND (440)	ND (460)	ND (900)
N-Nitrosodi-n-propylamine	µg/kg	-	-	ND (600)	ND (670)	ND (440)	ND (460)	ND (900)
N-Nitrosodiphenylamine	µg/kg	-	-	ND (600)	ND (670)	ND (440)	ND (460)	ND (900)
Pentachlorophenol	µg/kg	55000	-	ND (1500)	ND (1700)	ND (1100)	ND (1100)	ND (2300)
Phenanthrene	µg/kg	1000000	11000	1300	4400	8000	16000	40000
Phenol	µg/kg	1000000	-	ND (600)	ND (670)	ND (440)	ND (460)	ND (900)
Pyrene	µg/kg	1000000	25000	17000 J	5700	7800	34000 J	51000 J
Metals								
Aluminum	µg/kg	-	6270000 J	-	-	-	-	-
Antimony	µg/kg	-	74200 J	-	-	-	-	-
Arsenic	µg/kg	16000	**216000**	-	-	-	-	-
Barium	µg/kg	10000000	320000	-	-	-	-	-
Beryllium	µg/kg	2700000	660	-	-	-	-	-
Cadmium	µg/kg	60000	18300	-	-	-	-	-
Calcium	µg/kg	-	50000000	-	-	-	-	-
Chromium	µg/kg	-	51800	-	-	-	-	-
Cobalt	µg/kg	-	146000 J	-	-	-	-	-
Copper	µg/kg	10000000	7900000	-	-	-	-	-
Iron	µg/kg	-	45500000 J	-	-	-	-	-
Lead	µg/kg	3900000	3640000 J	-	-	-	-	-
Magnesium	µg/kg	-	2170000	-	-	-	-	-
Manganese	µg/kg	10000000	253000 J	-	-	-	-	-
Mercury	µg/kg	5700	**7100 J**	-	-	-	-	-
Nickel	µg/kg	10000000	391000 J	-	-	-	-	-
Potassium	µg/kg	-	620000	-	-	-	-	-
Selenium	µg/kg	6800000	9900 J	-	-	-	-	-
Silver	µg/kg	6800000	15000	-	-	-	-	-
Sodium	µg/kg	-	506000	-	-	-	-	-
Thallium	µg/kg	-	ND (550) UJ	-	-	-	-	-
Vanadium	µg/kg	-	20700	-	-	-	-	-
Zinc	µg/kg	10000000	**10700000 J**	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-1(C)-Boring 12*	*OU-1-S001*	*OU-1-S002*	*OU-1-S003*	*OU-1-S004*	*OU-1-S005*
Sample ID:			*S-2939-061903-SW-057*	*S-34084-SW-001*	*S-34084-SW-002*	*S-34084-SW-003*	*S-34084-SW-004*	*S-34084-SW-005*
Sample Date:			*6/19/2003*	*10/23/2003*	*10/23/2003*	*10/23/2003*	*10/23/2003*	*10/23/2003*
Sample Depth:			*6-8 ft BGS*	*4 ft*	*4 ft*	*4 ft*	*4 ft*	*4 ft*
Parameter	*Units*	*RUSCO Criteria*						
PCBs								
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (6500)	ND (910)	ND (1000)	ND (670)	ND (690)	ND (680)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (13000)	ND (910)	ND (1000)	ND (670)	ND (690)	ND (680)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (6500)	ND (910)	ND (1000)	ND (670)	ND (690)	ND (680)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (6500)	ND (910)	ND (1000)	ND (670)	ND (690)	ND (680)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (6500)	ND (910)	ND (1000)	ND (670)	ND (690)	360 J
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (6500)	ND (910)	ND (1000)	ND (670)	ND (690)	440 J
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (6500)	ND (910)	ND (1000)	ND (670)	ND (690)	ND (680)
Total PCBs	µg/kg	-	ND	ND	ND	ND	ND	800
Pesticides								
4,4'-DDD	µg/kg	180000	-	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-	-
Petroleum Hydrocarbons								
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	13700000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-1(C)-Boring 12*	*OU-1-S001*	*OU-1-S002*	*OU-1-S003*	*OU-1-S004*	*OU-1-S005*
Sample ID:			*S-2939-061903-SW-057*	*S-34084-SW-001*	*S-34084-SW-002*	*S-34084-SW-003*	*S-34084-SW-004*	*S-34084-SW-005*
Sample Date:			*6/19/2003*	*10/23/2003*	*10/23/2003*	*10/23/2003*	*10/23/2003*	*10/23/2003*
Sample Depth:			*6-8 ft BGS*	*4 ft*	*4 ft*	*4 ft*	*4 ft*	*4 ft*
Parameter	*Units*	*RUSCO Criteria*						
General Chemistry								
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-
Percent moisture	%	-	23.3	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-1-S006*	*OU-1-S007*	*OU-1-S008*	*OU-1-S008*	*OU-1-S009*
Sample ID:			*S-34084-110703-SW-007*	*S-34084-110703-SW-008*	*S-34084-110703-SW-009*	*S-34084-110703-SW-010*	*S-34084-110703-SW-011*
Sample Date:			*11/7/2003*	*11/7/2003*	*11/7/2003*	*11/7/2003*	*11/7/2003*
Sample Depth:			*4 ft*	*4 ft*	*4 ft*	*4 ft*	*4 ft*
		RUSCO				*Duplicate*	
Parameter	*Units*	*Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	ND (120)	ND (130)	ND (12)	ND (14)	ND (120)
1,1,2,2-Tetrachloroethane	µg/kg	-	ND (120)	ND (130)	ND (12)	ND (14)	ND (120)
1,1,2-Trichloroethane	µg/kg	-	ND (120)	ND (130)	ND (12)	ND (14)	ND (120)
1,1-Dichloroethane	µg/kg	480000	ND (120)	ND (130)	ND (12)	ND (14)	ND (120)
1,1-Dichloroethene	µg/kg	1000000	ND (120)	ND (130)	ND (12)	ND (14)	ND (120)
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	1400	510	ND (12)	ND (14)	ND (120)
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	ND (120)	ND (130)	ND (12)	ND (14)	ND (120)
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	ND (120) UJ	ND (130) UJ	ND (12) UJ	ND (14) UJ	ND (120) UJ
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	ND (120)	330	ND (12)	ND (14)	ND (120)
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	ND (120)	ND (130)	16	14	ND (120)
2-Hexanone	µg/kg	-	R	R	R	R	R
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	420	180	ND (12)	ND (14)	ND (120)
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	ND (120)	ND (130)	ND (12)	ND (14)	ND (120)
Acetone	µg/kg	1000000	ND (120) UJ	ND (130) UJ	39 J	45 J	ND (120) UJ
Benzene	µg/kg	89000	ND (120)	ND (130)	ND (12)	ND (14)	ND (120)
Bromodichloromethane	µg/kg	-	ND (120)	ND (130)	ND (12)	ND (14)	ND (120)
Bromoform	µg/kg	-	ND (120)	ND (130)	ND (12)	ND (14)	ND (120)
Bromomethane (Methyl bromide)	µg/kg	-	ND (120)	ND (130)	ND (12)	ND (14)	ND (120)
Carbon disulfide	µg/kg	-	ND (120)	ND (130)	5 J	5 J	ND (120)
Carbon tetrachloride	µg/kg	44000	ND (120)	ND (130)	ND (12)	ND (14)	ND (120)
Chlorobenzene	µg/kg	1000000	ND (120)	ND (130)	ND (12)	ND (14)	ND (120)
Chloroethane	µg/kg	-	ND (120)	ND (130)	ND (12)	ND (14)	ND (120)
Chloroform (Trichloromethane)	µg/kg	700000	ND (120)	ND (130)	ND (12)	ND (14)	ND (120)
Chloromethane (Methyl chloride)	µg/kg	-	R	R	R	R	R
cis-1,2-Dichloroethene	µg/kg	1000000	ND (120)	ND (130)	ND (12)	ND (14)	ND (120)
cis-1,3-Dichloropropene	µg/kg	-	ND (120)	ND (130)	ND (12)	ND (14)	ND (120)
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	ND (120)	210	ND (12)	ND (14)	ND (120)
Dibromochloromethane	µg/kg	-	ND (120)	ND (130)	ND (12)	ND (14)	ND (120)
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	ND (120)	ND (130)	ND (12)	ND (14)	ND (120)
Isopropyl benzene	µg/kg	-	530	100 J	ND (12)	ND (14)	ND (120)

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-1-S006*	*OU-1-S007*	*OU-1-S008*	*OU-1-S008*	*OU-1-S009*
Sample ID:			*S-34084-110703-SW-007*	*S-34084-110703-SW-008*	*S-34084-110703-SW-009*	*S-34084-110703-SW-010*	*S-34084-110703-SW-011*
Sample Date:			*11/7/2003*	*11/7/2003*	*11/7/2003*	*11/7/2003*	*11/7/2003*
Sample Depth:			*4 ft*	*4 ft*	*4 ft*	*4 ft*	*4 ft*
		RUSCO				*Duplicate*	
Parameter	*Units*	*Criteria*					
m&p-Xylenes	µg/kg	-	ND (120)	50 J	ND (12)	ND (14)	ND (120)
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	ND (120)	ND (130)	ND (12)	ND (14)	ND (120)
Methylene chloride	µg/kg	1000000	ND (120) U	ND (130) U	ND (12) U	ND (14) U	ND (120) U
Naphthalene	µg/kg	1000000	ND (120)	ND (130)	3 J	3 J	ND (120)
N-Butylbenzene	µg/kg	1000000	720	250	ND (12)	ND (14)	30 J
N-Propylbenzene	µg/kg	1000000	1100	190	ND (12)	ND (14)	ND (120)
o-Xylene	µg/kg	-	ND (120)	50 J	ND (12)	ND (14)	ND (120)
Styrene	µg/kg	-	ND (120)	ND (130)	ND (12)	ND (14)	ND (120)
tert-Butylbenzene	µg/kg	1000000	ND (120)	ND (130)	ND (12)	ND (14)	ND (120)
Tetrachloroethene	µg/kg	300000	ND (120)	ND (130)	ND (12)	ND (14)	ND (120)
Toluene	µg/kg	1000000	ND (120)	ND (130)	ND (12)	ND (14)	ND (120)
trans-1,2-Dichloroethene	µg/kg	1000000	ND (120)	ND (130)	ND (12)	ND (14)	ND (120)
trans-1,3-Dichloropropene	µg/kg	-	ND (120)	ND (130)	ND (12)	ND (14)	ND (120)
Trichloroethene	µg/kg	400000	ND (120)	ND (130)	ND (12)	ND (14)	ND (120)
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	ND (120)	ND (130)	ND (12)	ND (14)	ND (120)
Xylenes (total)	µg/kg	1000000	ND (120)	100 J	ND (12)	ND (14)	ND (120)
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	ND (8000)	ND (8800)	ND (390)	ND (460)	ND (8200)
1,2-Dichlorobenzene	µg/kg	1000000	ND (8000)	ND (8800)	ND (390)	ND (460)	ND (8200)
1,3-Dichlorobenzene	µg/kg	560000	ND (8000)	ND (8800)	ND (390)	ND (460)	ND (8200)
1,4-Dichlorobenzene	µg/kg	250000	ND (8000)	ND (8800)	ND (390)	ND (460)	ND (8200)
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	ND (8000)	ND (8800)	ND (390)	ND (460)	ND (8200)
2,4,5-Trichlorophenol	µg/kg	-	R	ND (22000)	ND (990)	ND (1100)	ND (21000)
2,4,6-Trichlorophenol	µg/kg	-	R	ND (8800)	ND (390)	ND (460)	ND (8200)
2,4-Dichlorophenol	µg/kg	-	R	ND (8800)	ND (390)	ND (460)	ND (8200)
2,4-Dimethylphenol	µg/kg	-	R	ND (8800)	ND (390)	ND (460)	ND (8200)
2,4-Dinitrophenol	µg/kg	-	R	ND (22000)	ND (990)	ND (1100)	ND (21000)
2,4-Dinitrotoluene	µg/kg	-	ND (8000)	ND (8800)	ND (390)	ND (460)	ND (8200)
2,6-Dinitrotoluene	µg/kg	-	ND (8000)	ND (8800)	ND (390)	ND (460)	ND (8200)
2-Chloronaphthalene	µg/kg	-	ND (8000)	ND (8800)	ND (390)	ND (460)	ND (8200)
2-Chlorophenol	µg/kg	-	R	ND (8800)	ND (390)	ND (460)	ND (8200)
2-Methylnaphthalene	µg/kg	-	80000	45000	550	490	7000 J
2-Methylphenol	µg/kg	1000000	R	ND (8800)	ND (390)	ND (460)	ND (8200)
2-Nitroaniline	µg/kg	-	ND (20000)	ND (22000)	ND (990)	ND (1100)	ND (21000)
2-Nitrophenol	µg/kg	-	R	ND (8800)	ND (390)	ND (460)	ND (8200)
3,3'-Dichlorobenzidine	µg/kg	-	ND (8000)	ND (8800)	ND (390)	ND (460)	ND (8200)

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-1-S006*	*OU-1-S007*	*OU-1-S008*	*OU-1-S008*	*OU-1-S009*
Sample ID:			*S-34084-110703-SW-007*	*S-34084-110703-SW-008*	*S-34084-110703-SW-009*	*S-34084-110703-SW-010*	*S-34084-110703-SW-011*
Sample Date:			*11/7/2003*	*11/7/2003*	*11/7/2003*	*11/7/2003*	*11/7/2003*
Sample Depth:			*4 ft*	*4 ft*	*4 ft*	*4 ft*	*4 ft*
		RUSCO				*Duplicate*	
Parameter	*Units*	*Criteria*					
3-Nitroaniline	µg/kg	-	ND (20000)	ND (22000)	ND (990)	ND (1100)	ND (21000)
4,6-Dinitro-2-methylphenol	µg/kg	-	R	ND (22000)	ND (990)	ND (1100)	ND (21000)
4-Bromophenyl phenyl ether	µg/kg	-	ND (8000)	ND (8800)	ND (390)	ND (460)	ND (8200)
4-Chloro-3-methylphenol	µg/kg	-	R	ND (8800)	ND (390)	ND (460)	ND (8200)
4-Chloroaniline	µg/kg	-	ND (8000)	ND (8800)	ND (390)	ND (460)	ND (8200)
4-Chlorophenyl phenyl ether	µg/kg	-	ND (8000)	ND (8800)	ND (390)	ND (460)	ND (8200)
4-Methylphenol	µg/kg	1000000	R	ND (8800)	ND (390)	ND (460)	ND (8200)
4-Nitroaniline	µg/kg	-	ND (20000)	ND (22000)	ND (990)	ND (1100)	ND (21000)
4-Nitrophenol	µg/kg	-	R	ND (22000)	ND (990)	ND (1100)	ND (21000)
Acenaphthene	µg/kg	1000000	4000 J	6000 J	ND (390)	ND (460)	2000 J
Acenaphthylene	µg/kg	1000000	ND (8000)	ND (8800)	ND (390)	ND (460)	ND (8200)
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	7000 J	5000 J	100 J	200 J	7000 J
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	6000 J	10000	100 J	300 J	8200
Benzo(a)pyrene	µg/kg	1100	**4000 J**	**9400**	90 J	200 J	**5000 J**
Benzo(b)fluoranthene	µg/kg	11000	ND (8000)	5000 J	ND (390)	ND (460)	ND (8200)
Benzo(g,h,i)perylene	µg/kg	1000000	ND (8000)	5000 J	ND (390)	ND (460)	3000 J
Benzo(k)fluoranthene	µg/kg	110000	ND (8000)	ND (8800)	ND (390)	ND (460)	ND (8200)
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	ND (8000)	ND (8800)	ND (390)	ND (460)	ND (8200)
bis(2-Chloroethyl)ether	µg/kg	-	ND (8000)	ND (8800)	ND (390)	ND (460)	ND (8200)
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	ND (8000)	ND (8800)	ND (390)	ND (460)	ND (8200)
Butyl benzylphthalate (BBP)	µg/kg	-	ND (8000)	ND (8800)	ND (390)	ND (460)	ND (8200)
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	ND (8000)	ND (8800)	ND (390)	ND (460)	ND (8200)
Chrysene	µg/kg	110000	10000	20000	200 J	400 J	12000
Dibenz(a,h)anthracene	µg/kg	1100	ND (8000)	ND (8800)	ND (390)	ND (460)	ND (8200)
Dibenzofuran	µg/kg	1000000	3000 J	2000 J	ND (390)	ND (460)	ND (8200)
Diethyl phthalate	µg/kg	-	ND (8000)	ND (8800)	ND (390)	ND (460)	ND (8200)
Dimethyl phthalate	µg/kg	-	ND (8000)	ND (8800)	ND (390)	ND (460)	ND (8200)
Di-n-butylphthalate (DBP)	µg/kg	-	ND (8000)	ND (8800)	ND (390)	ND (460)	ND (8200)
Di-n-octyl phthalate (DnOP)	µg/kg	-	ND (8000)	ND (8800)	ND (390)	ND (460)	ND (8200)
Fluoranthene	µg/kg	1000000	5000 J	8000 J	200 J	300 J	7000 J
Fluorene	µg/kg	1000000	8000	8000 J	100 J	200 J	4000 J
Hexachlorobenzene	µg/kg	12000	ND (8000)	ND (8800)	ND (390)	ND (460)	ND (8200)
Hexachlorobutadiene	µg/kg	-	ND (8000)	ND (8800)	ND (390)	ND (460)	ND (8200)
Hexachlorocyclopentadiene	µg/kg	-	ND (8000)	ND (8800)	ND (390)	ND (460)	ND (8200)
Hexachloroethane	µg/kg	-	ND (8000)	ND (8800)	ND (390)	ND (460)	ND (8200)
Indeno(1,2,3-cd)pyrene	µg/kg	11000	ND (8000)	ND (8800)	ND (390)	100 J	ND (8200)

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-1-S006*	*OU-1-S007*	*OU-1-S008*	*OU-1-S008*	*OU-1-S009*
Sample ID:			*S-34084-110703-SW-007*	*S-34084-110703-SW-008*	*S-34084-110703-SW-009*	*S-34084-110703-SW-010*	*S-34084-110703-SW-011*
Sample Date:			*11/7/2003*	*11/7/2003*	*11/7/2003*	*11/7/2003*	*11/7/2003*
Sample Depth:			*4 ft*	*4 ft*	*4 ft*	*4 ft*	*4 ft*
		RUSCO				*Duplicate*	
Parameter	*Units*	*Criteria*					
Isophorone	µg/kg	-	ND (8000)	ND (8800)	ND (390)	ND (460)	ND (8200)
Naphthalene	µg/kg	1000000	16000	6000 J	300 J	200 J	ND (8200)
Nitrobenzene	µg/kg	140000	ND (8000)	ND (8800)	ND (390)	ND (460)	ND (8200)
N-Nitrosodi-n-propylamine	µg/kg	-	ND (8000)	ND (8800)	ND (390)	ND (460)	ND (8200)
N-Nitrosodiphenylamine	µg/kg	-	ND (8000)	ND (8800)	ND (390)	ND (460)	ND (8200)
Pentachlorophenol	µg/kg	55000	R	ND (22000)	ND (990)	ND (1100)	ND (21000)
Phenanthrene	µg/kg	1000000	34000	32000	200 J	300 J	20000
Phenol	µg/kg	1000000	R	ND (8800)	ND (390)	ND (460)	ND (8200)
Pyrene	µg/kg	1000000	26000	30000	300 J	950	39000
Metals							
Aluminum	µg/kg	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-1-S006*	*OU-1-S007*	*OU-1-S008*	*OU-1-S008*	*OU-1-S009*
Sample ID:			*S-34084-110703-SW-007*	*S-34084-110703-SW-008*	*S-34084-110703-SW-009*	*S-34084-110703-SW-010*	*S-34084-110703-SW-011*
Sample Date:			*11/7/2003*	*11/7/2003*	*11/7/2003*	*11/7/2003*	*11/7/2003*
Sample Depth:			*4 ft*	*4 ft*	*4 ft*	*4 ft*	*4 ft*
		RUSCO				*Duplicate*	
Parameter	*Units*	*Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (610)	ND (670)	ND (600)	ND (690)	ND (620)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (610)	ND (670)	ND (600)	ND (690)	ND (620)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (610)	ND (670)	ND (600)	ND (690)	ND (620)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (610)	ND (670)	ND (600)	ND (690)	ND (620)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (610)	580 J	ND (600)	ND (690)	ND (620)
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (610)	1200	ND (600)	ND (690)	ND (620)
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (610)	ND (670)	ND (600)	ND (690)	ND (620)
Total PCBs	µg/kg	-	ND	1780	ND	ND	ND
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-1-S006*	*OU-1-S007*	*OU-1-S008*	*OU-1-S008*	*OU-1-S009*
Sample ID:			*S-34084-110703-SW-007*	*S-34084-110703-SW-008*	*S-34084-110703-SW-009*	*S-34084-110703-SW-010*	*S-34084-110703-SW-011*
Sample Date:			*11/7/2003*	*11/7/2003*	*11/7/2003*	*11/7/2003*	*11/7/2003*
Sample Depth:			*4 ft*	*4 ft*	*4 ft*	*4 ft*	*4 ft*
		RUSCO				*Duplicate*	
Parameter	*Units*	*Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-BH-35*	*OU-4-BH-35*	*OU-4-BH-36*	*OU-4-BH-36*	*OU-4-BH-37*
Sample ID:			*S-2939-072503-SW-008*	*S-2939-072503-SW-031*	*S-2939-072503-SW-013*	*S-2939-072503-SW-034*	*S-2939-072503-SW-004*
Sample Date:			*7/25/2003*	*7/25/2003*	*7/25/2003*	*7/25/2003*	*7/25/2003*
Sample Depth:			*5-7 ft BGS*	*10-12 ft BGS*	*5-7 ft BGS*	*10-12 ft BGS*	*5-7 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-BH-35*	*OU-4-BH-35*	*OU-4-BH-36*	*OU-4-BH-36*	*OU-4-BH-37*
Sample ID:			*S-2939-072503-SW-008*	*S-2939-072503-SW-031*	*S-2939-072503-SW-013*	*S-2939-072503-SW-034*	*S-2939-072503-SW-004*
Sample Date:			*7/25/2003*	*7/25/2003*	*7/25/2003*	*7/25/2003*	*7/25/2003*
Sample Depth:			*5-7 ft BGS*	*10-12 ft BGS*	*5-7 ft BGS*	*10-12 ft BGS*	*5-7 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
m&p-Xylenes	µg/kg	-	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	ND (360)	ND (440)	ND (1200)	ND (1200)	ND (1200)
1,2-Dichlorobenzene	µg/kg	1000000	ND (360)	ND (440)	ND (1200)	ND (1200)	ND (1200)
1,3-Dichlorobenzene	µg/kg	560000	ND (360)	ND (440)	ND (1200)	ND (1200)	ND (1200)
1,4-Dichlorobenzene	µg/kg	250000	ND (360)	ND (440)	ND (1200)	ND (1200)	ND (1200)
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	ND (360)	ND (440)	ND (1200)	ND (1200)	ND (1200)
2,4,5-Trichlorophenol	µg/kg	-	ND (900)	ND (1100)	ND (2900)	ND (3100)	ND (2900)
2,4,6-Trichlorophenol	µg/kg	-	ND (360)	ND (440)	ND (1200)	ND (1200)	ND (1200)
2,4-Dichlorophenol	µg/kg	-	ND (360)	ND (440)	ND (1200)	ND (1200)	ND (1200)
2,4-Dimethylphenol	µg/kg	-	ND (360)	ND (440)	ND (1200)	ND (1200)	ND (1200)
2,4-Dinitrophenol	µg/kg	-	ND (900)	ND (1100)	ND (2900)	ND (3100)	ND (2900)
2,4-Dinitrotoluene	µg/kg	-	ND (360)	ND (440)	ND (1200)	ND (1200)	ND (1200)
2,6-Dinitrotoluene	µg/kg	-	ND (360)	ND (440)	ND (1200)	ND (1200)	ND (1200)
2-Chloronaphthalene	µg/kg	-	ND (360)	ND (440)	ND (1200)	ND (1200)	ND (1200)
2-Chlorophenol	µg/kg	-	ND (360)	ND (440)	ND (1200)	ND (1200)	ND (1200)
2-Methylnaphthalene	µg/kg	-	ND (360)	200 J	500 J	600 J	ND (1200)
2-Methylphenol	µg/kg	1000000	ND (360)	ND (440)	ND (1200)	ND (1200)	ND (1200)
2-Nitroaniline	µg/kg	-	ND (900)	ND (1100)	ND (2900)	ND (3100)	ND (2900)
2-Nitrophenol	µg/kg	-	ND (360)	ND (440)	ND (1200)	ND (1200)	ND (1200)
3,3'-Dichlorobenzidine	µg/kg	-	ND (360)	ND (440)	ND (1200)	ND (1200)	ND (1200)

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-BH-35*	*OU-4-BH-35*	*OU-4-BH-36*	*OU-4-BH-36*	*OU-4-BH-37*
Sample ID:			*S-2939-072503-SW-008*	*S-2939-072503-SW-031*	*S-2939-072503-SW-013*	*S-2939-072503-SW-034*	*S-2939-072503-SW-004*
Sample Date:			*7/25/2003*	*7/25/2003*	*7/25/2003*	*7/25/2003*	*7/25/2003*
Sample Depth:			*5-7 ft BGS*	*10-12 ft BGS*	*5-7 ft BGS*	*10-12 ft BGS*	*5-7 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
3-Nitroaniline	µg/kg	-	ND (900)	ND (1100)	ND (2900)	ND (3100)	ND (2900)
4,6-Dinitro-2-methylphenol	µg/kg	-	ND (900)	ND (1100)	ND (2900)	ND (3100)	ND (2900)
4-Bromophenyl phenyl ether	µg/kg	-	ND (360)	ND (440)	ND (1200)	ND (1200)	ND (1200)
4-Chloro-3-methylphenol	µg/kg	-	ND (360)	ND (440)	ND (1200)	ND (1200)	ND (1200)
4-Chloroaniline	µg/kg	-	ND (360)	ND (440)	ND (1200)	ND (1200)	ND (1200)
4-Chlorophenyl phenyl ether	µg/kg	-	ND (360)	ND (440)	ND (1200)	ND (1200)	ND (1200)
4-Methylphenol	µg/kg	1000000	ND (360)	ND (440)	ND (1200)	ND (1200)	ND (1200)
4-Nitroaniline	µg/kg	-	ND (900)	ND (1100)	ND (2900)	ND (3100)	ND (2900)
4-Nitrophenol	µg/kg	-	ND (900)	ND (1100)	ND (2900)	ND (3100)	ND (2900)
Acenaphthene	µg/kg	1000000	ND (360)	400 J	700 J	900 J	700 J
Acenaphthylene	µg/kg	1000000	ND (360)	200 J	300 J	500 J	ND (1200)
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	100 J	1200	1700	1900	1500
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	300 J	3100	3700	4200	3900
Benzo(a)pyrene	µg/kg	1100	300 J	**2600**	**2900**	**3900**	**3300**
Benzo(b)fluoranthene	µg/kg	11000	200 J	3100	3000	4200	2900
Benzo(g,h,i)perylene	µg/kg	1000000	100 J	670	2200	1500	2100
Benzo(k)fluoranthene	µg/kg	110000	300 J	2200	2600	2500	2700
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	ND (360)	ND (440)	ND (1200)	ND (1200)	ND (1200)
bis(2-Chloroethyl)ether	µg/kg	-	ND (360)	ND (440)	ND (1200)	ND (1200)	ND (1200)
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	ND (360)	100 J	ND (1200)	500 J	ND (1200)
Butyl benzylphthalate (BBP)	µg/kg	-	ND (360)	300 J	ND (1200)	ND (1200)	ND (1200)
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	ND (360)	400 J	1000 J	900 J	600 J
Chrysene	µg/kg	110000	300 J	2900	3700	4200	3600
Dibenz(a,h)anthracene	µg/kg	1100	ND (360)	ND (440)	ND (1200)	ND (1200)	ND (1200)
Dibenzofuran	µg/kg	1000000	ND (360)	200 J	900 J	800 J	300 J
Diethyl phthalate	µg/kg	-	ND (360)	ND (440)	ND (1200)	ND (1200)	ND (1200)
Dimethyl phthalate	µg/kg	-	ND (360)	ND (440)	ND (1200)	ND (1200)	ND (1200)
Di-n-butylphthalate (DBP)	µg/kg	-	ND (360)	ND (440)	ND (1200)	ND (1200)	ND (1200)
Di-n-octyl phthalate (DnOP)	µg/kg	-	ND (360)	ND (440)	ND (1200)	ND (1200)	ND (1200)
Fluoranthene	µg/kg	1000000	740	5700	8900	8700	8100
Fluorene	µg/kg	1000000	ND (360)	400 J	1000 J	1300	600 J
Hexachlorobenzene	µg/kg	12000	ND (360)	ND (440)	ND (1200)	ND (1200)	ND (1200)
Hexachlorobutadiene	µg/kg	-	ND (360)	ND (440)	ND (1200)	ND (1200)	ND (1200)
Hexachlorocyclopentadiene	µg/kg	-	ND (360)	ND (440)	ND (1200)	ND (1200)	ND (1200)
Hexachloroethane	µg/kg	-	ND (360)	ND (440)	ND (1200)	ND (1200)	ND (1200)
Indeno(1,2,3-cd)pyrene	µg/kg	11000	100 J	710	2000	1600	ND (1200)

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-BH-35*	*OU-4-BH-35*	*OU-4-BH-36*	*OU-4-BH-36*	*OU-4-BH-37*
Sample ID:			*S-2939-072503-SW-008*	*S-2939-072503-SW-031*	*S-2939-072503-SW-013*	*S-2939-072503-SW-034*	*S-2939-072503-SW-004*
Sample Date:			*7/25/2003*	*7/25/2003*	*7/25/2003*	*7/25/2003*	*7/25/2003*
Sample Depth:			*5-7 ft BGS*	*10-12 ft BGS*	*5-7 ft BGS*	*10-12 ft BGS*	*5-7 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Isophorone	µg/kg	-	ND (360)	ND (440)	ND (1200)	ND (1200)	ND (1200)
Naphthalene	µg/kg	1000000	ND (360)	300 J	1500	1300	ND (1200)
Nitrobenzene	µg/kg	140000	ND (360)	ND (440)	ND (1200)	ND (1200)	ND (1200)
N-Nitrosodi-n-propylamine	µg/kg	-	ND (360)	ND (440)	ND (1200)	ND (1200)	ND (1200)
N-Nitrosodiphenylamine	µg/kg	-	ND (360)	ND (440)	ND (1200)	ND (1200)	ND (1200)
Pentachlorophenol	µg/kg	55000	ND (900)	ND (1100)	ND (2900)	ND (3100)	ND (2900)
Phenanthrene	µg/kg	1000000	490	4200	9300	8700	5800
Phenol	µg/kg	1000000	ND (360)	ND (440)	ND (1200)	ND (1200)	ND (1200)
Pyrene	µg/kg	1000000	600	4900	6600	7100	6200
Metals							
Aluminum	µg/kg	-	12800000	6230000	6370000	5660000	8090000
Antimony	µg/kg	-	ND (380) UJ	ND (700) UJ	ND (1800) UJ	ND (1000) UJ	ND (830) UJ
Arsenic	µg/kg	16000	2700 J	1600 J	14200 J	5400 J	4700 J
Barium	µg/kg	10000000	162000 J	84800 J	108000 J	84900 J	98300 J
Beryllium	µg/kg	2700000	370 J	240 J	260 J	260 J	340 J
Cadmium	µg/kg	60000	320	660	1100	520	480
Calcium	µg/kg	-	14400000	21300000	14300000	25600000	30100000
Chromium	µg/kg	-	27600	13100	27700	22600	33700
Cobalt	µg/kg	-	14500	6400	14000	5400	4200
Copper	µg/kg	10000000	94600 J	239000 J	599000 J	305000 J	215000 J
Iron	µg/kg	-	22600000 J	11400000 J	17100000 J	12400000 J	9540000 J
Lead	µg/kg	3900000	243000 J	141000 J	209000 J	127000 J	332000 J
Magnesium	µg/kg	-	6340000	10300000	6870000	9970000	4270000
Manganese	µg/kg	10000000	338000	204000	208000	223000	307000
Mercury	µg/kg	5700	1700	1200	760	380	1000
Nickel	µg/kg	10000000	39000 J	15600 J	24700 J	16000 J	11600 J
Potassium	µg/kg	-	5020000	2100000	1390000	946000	764000
Selenium	µg/kg	6800000	ND (410) UJ	ND (510) UJ	2000 J	990 J	ND (450) UJ
Silver	µg/kg	6800000	120 J	ND (130) UJ	1400 J	410 J	140 J
Sodium	µg/kg	-	287000	197000	342000	380000	654000
Thallium	µg/kg	-	ND (460)	ND (560)	ND (500)	ND (520)	ND (490)
Vanadium	µg/kg	-	85600	32000	30100	27900	24100
Zinc	µg/kg	10000000	165000 J	220000 J	408000 J	218000 J	160000 J

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-BH-35*	*OU-4-BH-35*	*OU-4-BH-36*	*OU-4-BH-36*	*OU-4-BH-37*
Sample ID:			*S-2939-072503-SW-008*	*S-2939-072503-SW-031*	*S-2939-072503-SW-013*	*S-2939-072503-SW-034*	*S-2939-072503-SW-004*
Sample Date:			*7/25/2003*	*7/25/2003*	*7/25/2003*	*7/25/2003*	*7/25/2003*
Sample Depth:			*5-7 ft BGS*	*10-12 ft BGS*	*5-7 ft BGS*	*10-12 ft BGS*	*5-7 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (5400)	ND (6700)	ND (5900)	ND (6200)	ND (5900)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (11000)	ND (13000)	ND (12000)	ND (12000)	ND (12000)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (5400)	ND (6700)	ND (5900)	ND (6200)	ND (5900)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (5400)	ND (6700)	ND (5900)	ND (6200)	ND (5900)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (5400)	ND (6700)	ND (5900)	ND (6200)	ND (5900)
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (5400)	ND (6700)	ND (5900)	ND (6200)	ND (5900)
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (5400)	ND (6700)	ND (5900)	ND (6200)	ND (5900)
Total PCBs	µg/kg	-	ND	ND	ND	ND	ND
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-BH-35*	*OU-4-BH-35*	*OU-4-BH-36*	*OU-4-BH-36*	*OU-4-BH-37*
Sample ID:			*S-2939-072503-SW-008*	*S-2939-072503-SW-031*	*S-2939-072503-SW-013*	*S-2939-072503-SW-034*	*S-2939-072503-SW-004*
Sample Date:			*7/25/2003*	*7/25/2003*	*7/25/2003*	*7/25/2003*	*7/25/2003*
Sample Depth:			*5-7 ft BGS*	*10-12 ft BGS*	*5-7 ft BGS*	*10-12 ft BGS*	*5-7 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-BH-37*	*OU-4-BH-38*	*OU-4-BH-38*	*OU-4-BH-39*	*OU-4-BH-39*
Sample ID:			*S-2939-072503-SW-028*	*S-2939-072503-SW-017*	*S-2939-072703-RR-041*	*S-2939-072503-SW-025*	*S-2939-072703-RR-039*
Sample Date:			*7/25/2003*	*7/25/2003*	*7/27/2003*	*7/25/2003*	*7/27/2003*
Sample Depth:			*10-12 ft BGS*	*5-7 ft BGS*	*10-12 ft BGS*	*5-7 ft BGS*	*10-12 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-BH-37*	*OU-4-BH-38*	*OU-4-BH-38*	*OU-4-BH-39*	*OU-4-BH-39*
Sample ID:			*S-2939-072503-SW-028*	*S-2939-072503-SW-017*	*S-2939-072703-RR-041*	*S-2939-072503-SW-025*	*S-2939-072703-RR-039*
Sample Date:			*7/25/2003*	*7/25/2003*	*7/27/2003*	*7/25/2003*	*7/27/2003*
Sample Depth:			*10-12 ft BGS*	*5-7 ft BGS*	*10-12 ft BGS*	*5-7 ft BGS*	*10-12 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
m&p-Xylenes	µg/kg	-	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	ND (360)	ND (430)	ND (1000)	ND (410)	ND (1200)
1,2-Dichlorobenzene	µg/kg	1000000	ND (360)	ND (430)	ND (1000)	ND (410)	ND (1200)
1,3-Dichlorobenzene	µg/kg	560000	ND (360)	ND (430)	ND (1000)	ND (410)	ND (1200)
1,4-Dichlorobenzene	µg/kg	250000	ND (360)	ND (430)	ND (1000)	ND (410)	ND (1200)
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	ND (360)	ND (430)	ND (1000)	ND (410)	ND (1200)
2,4,5-Trichlorophenol	µg/kg	-	ND (910)	ND (1100)	R	ND (1000)	ND (2900)
2,4,6-Trichlorophenol	µg/kg	-	ND (360)	ND (430)	R	ND (410)	ND (1200)
2,4-Dichlorophenol	µg/kg	-	ND (360)	ND (430)	R	ND (410)	ND (1200)
2,4-Dimethylphenol	µg/kg	-	ND (360)	ND (430)	R	ND (410)	ND (1200)
2,4-Dinitrophenol	µg/kg	-	ND (910)	ND (1100)	R	ND (1000)	ND (2900)
2,4-Dinitrotoluene	µg/kg	-	ND (360)	ND (430)	ND (1000)	ND (410)	ND (1200)
2,6-Dinitrotoluene	µg/kg	-	ND (360)	ND (430)	ND (1000)	ND (410)	ND (1200)
2-Chloronaphthalene	µg/kg	-	ND (360)	ND (430)	ND (1000)	ND (410)	ND (1200)
2-Chlorophenol	µg/kg	-	ND (360)	ND (430)	R	ND (410)	ND (1200)
2-Methylnaphthalene	µg/kg	-	100 J	300 J	ND (1000)	550	ND (1200)
2-Methylphenol	µg/kg	1000000	ND (360)	ND (430)	R	ND (410)	ND (1200)
2-Nitroaniline	µg/kg	-	ND (910)	ND (1100)	ND (2600)	ND (1000)	ND (2900)
2-Nitrophenol	µg/kg	-	ND (360)	ND (430)	300 J	ND (410)	ND (1200)
3,3'-Dichlorobenzidine	µg/kg	-	ND (360)	ND (430)	ND (1000)	ND (410)	ND (1200)

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-BH-37*	*OU-4-BH-38*	*OU-4-BH-38*	*OU-4-BH-39*	*OU-4-BH-39*
Sample ID:			*S-2939-072503-SW-028*	*S-2939-072503-SW-017*	*S-2939-072703-RR-041*	*S-2939-072503-SW-025*	*S-2939-072703-RR-039*
Sample Date:			*7/25/2003*	*7/25/2003*	*7/27/2003*	*7/25/2003*	*7/27/2003*
Sample Depth:			*10-12 ft BGS*	*5-7 ft BGS*	*10-12 ft BGS*	*5-7 ft BGS*	*10-12 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
3-Nitroaniline	µg/kg	-	ND (910)	ND (1100)	ND (2600)	ND (1000)	ND (2900)
4,6-Dinitro-2-methylphenol	µg/kg	-	ND (910)	ND (1100)	R	ND (1000)	ND (2900)
4-Bromophenyl phenyl ether	µg/kg	-	ND (360)	ND (430)	ND (1000)	ND (410)	ND (1200)
4-Chloro-3-methylphenol	µg/kg	-	ND (360)	ND (430)	R	ND (410)	ND (1200)
4-Chloroaniline	µg/kg	-	ND (360)	ND (430)	ND (1000)	ND (410)	ND (1200)
4-Chlorophenyl phenyl ether	µg/kg	-	ND (360)	ND (430)	ND (1000)	ND (410)	ND (1200)
4-Methylphenol	µg/kg	1000000	ND (360)	ND (430)	R	ND (410)	ND (1200)
4-Nitroaniline	µg/kg	-	ND (910)	ND (1100)	ND (2600)	ND (1000)	ND (2900)
4-Nitrophenol	µg/kg	-	ND (910)	ND (1100)	R	ND (1000)	ND (2900)
Acenaphthene	µg/kg	1000000	530	200 J	ND (1000)	200 J	600 J
Acenaphthylene	µg/kg	1000000	90 J	ND (430)	ND (1000)	740	ND (1200)
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	1200	590	400 J	990	6500
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	3200	1000	1000	2700	3700
Benzo(a)pyrene	µg/kg	1100	**3000**	810	900 J	**2800**	**3200**
Benzo(b)fluoranthene	µg/kg	11000	3500	950	800 J	2600	5200
Benzo(g,h,i)perylene	µg/kg	1000000	540	200 J	400 J	720	1300
Benzo(k)fluoranthene	µg/kg	110000	2700	590	800 J	2100	6300
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	ND (360)	ND (430)	ND (1000)	ND (410)	ND (1200)
bis(2-Chloroethyl)ether	µg/kg	-	ND (360)	ND (430)	ND (1000)	ND (410)	ND (1200)
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	100 J	300 J	ND (1000)	100 J	ND (1200)
Butyl benzylphthalate (BBP)	µg/kg	-	ND (360)	ND (430)	ND (1000)	ND (410)	ND (1200)
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	450	300 J	ND (1000)	300 J	700 J
Chrysene	µg/kg	110000	3100	990	1000	2600	3400
Dibenz(a,h)anthracene	µg/kg	1100	ND (360)	ND (430)	ND (1000)	ND (410)	400 J
Dibenzofuran	µg/kg	1000000	200 J	300 J	ND (1000)	200 J	500 J
Diethyl phthalate	µg/kg	-	ND (360)	ND (430)	ND (1000)	ND (410)	ND (1200)
Dimethyl phthalate	µg/kg	-	ND (360)	ND (430)	ND (1000)	ND (410)	ND (1200)
Di-n-butylphthalate (DBP)	µg/kg	-	ND (360)	ND (430)	ND (1000)	ND (410)	ND (1200)
Di-n-octyl phthalate (DnOP)	µg/kg	-	ND (360)	ND (430)	ND (1000)	ND (410)	ND (1200)
Fluoranthene	µg/kg	1000000	5700	2500	2300	3400	8000
Fluorene	µg/kg	1000000	480	300 J	ND (1000)	300 J	600 J
Hexachlorobenzene	µg/kg	12000	ND (360)	ND (430)	ND (1000)	ND (410)	ND (1200)
Hexachlorobutadiene	µg/kg	-	ND (360)	ND (430)	ND (1000)	ND (410)	ND (1200)
Hexachlorocyclopentadiene	µg/kg	-	ND (360)	ND (430)	ND (1000)	ND (410)	ND (1200)
Hexachloroethane	µg/kg	-	ND (360)	ND (430)	ND (1000)	ND (410)	ND (1200)
Indeno(1,2,3-cd)pyrene	µg/kg	11000	640	200 J	400 J	720	ND (1200)

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-BH-37*	*OU-4-BH-38*	*OU-4-BH-38*	*OU-4-BH-39*	*OU-4-BH-39*
Sample ID:			*S-2939-072503-SW-028*	*S-2939-072503-SW-017*	*S-2939-072703-RR-041*	*S-2939-072503-SW-025*	*S-2939-072703-RR-039*
Sample Date:			*7/25/2003*	*7/25/2003*	*7/27/2003*	*7/25/2003*	*7/27/2003*
Sample Depth:			*10-12 ft BGS*	*5-7 ft BGS*	*10-12 ft BGS*	*5-7 ft BGS*	*10-12 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Isophorone	µg/kg	-	ND (360)	ND (430)	7000	ND (410)	ND (1200)
Naphthalene	µg/kg	1000000	200 J	610	ND (1000)	2100	ND (1200)
Nitrobenzene	µg/kg	140000	ND (360)	ND (430)	ND (1000)	ND (410)	ND (1200)
N-Nitrosodi-n-propylamine	µg/kg	-	ND (360)	ND (430)	ND (1000)	ND (410)	ND (1200)
N-Nitrosodiphenylamine	µg/kg	-	ND (360)	ND (430)	ND (1000)	ND (410)	ND (1200)
Pentachlorophenol	µg/kg	55000	ND (910)	ND (1100)	R	ND (1000)	ND (2900)
Phenanthrene	µg/kg	1000000	4400	2600	1800	3000	ND (1200)
Phenol	µg/kg	1000000	ND (360)	ND (430)	R	ND (410)	ND (1200)
Pyrene	µg/kg	1000000	4900	1900	1800	3600	6300
Metals							
Aluminum	µg/kg	-	15000000	4030000	6690000	7080000	7620000
Antimony	µg/kg	-	ND (380) UJ	ND (1300) UJ	ND (700) UJ	ND (1500) UJ	ND (520) UJ
Arsenic	µg/kg	16000	2000 J	8600 J	4900 J	12800 J	4600 J
Barium	µg/kg	10000000	195000 J	58600 J	62800 J	118000 J	534000 J
Beryllium	µg/kg	2700000	430 J	200 J	240 J	330 J	310 J
Cadmium	µg/kg	60000	280	570	700	730	550
Calcium	µg/kg	-	23400000	14500000	31700000	5300000	41600000
Chromium	µg/kg	-	25800	11300	19700	23300	13900
Cobalt	µg/kg	-	12900	5700	5400	11400	4800
Copper	µg/kg	10000000	70700 J	215000 J	207000 J	353000 J	45400 J
Iron	µg/kg	-	19000000 J	8830000 J	11000000 J	15100000 J	9710000 J
Lead	µg/kg	3900000	201000 J	110000 J	117000 J	269000 J	1510000 J
Magnesium	µg/kg	-	7290000	2920000	4500000	3060000	8000000
Manganese	µg/kg	10000000	320000	154000	181000	286000	421000
Mercury	µg/kg	5700	290	250	100	300	450
Nickel	µg/kg	10000000	28400 J	12100 J	14700 J	49800 J	10400 J
Potassium	µg/kg	-	5230000	547000	1380000	1020000	1240000
Selenium	µg/kg	6800000	ND (420) UJ	1000 J	490 J	970 J	ND (450) UJ
Silver	µg/kg	6800000	ND (110) UJ	420 J	410 J	1400 J	ND (120) UJ
Sodium	µg/kg	-	439000	156000	192000	195000	597000
Thallium	µg/kg	-	ND (460)	ND (550)	ND (440)	ND (530)	ND (500)
Vanadium	µg/kg	-	39800	15400	19000	26400	22300
Zinc	µg/kg	10000000	130000 J	190000 J	164000 J	563000 J	472000 J

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-BH-37*	*OU-4-BH-38*	*OU-4-BH-38*	*OU-4-BH-39*	*OU-4-BH-39*
Sample ID:			*S-2939-072503-SW-028*	*S-2939-072503-SW-017*	*S-2939-072703-RR-041*	*S-2939-072503-SW-025*	*S-2939-072703-RR-039*
Sample Date:			*7/25/2003*	*7/25/2003*	*7/27/2003*	*7/25/2003*	*7/27/2003*
Sample Depth:			*10-12 ft BGS*	*5-7 ft BGS*	*10-12 ft BGS*	*5-7 ft BGS*	*10-12 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (5500)	ND (6600)	ND (5300)	ND (6300)	ND (5900)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (11000)	ND (13000)	ND (11000)	ND (13000)	ND (12000)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (5500)	ND (6600)	ND (5300)	ND (6300)	ND (5900)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (5500)	ND (6600)	ND (5300)	ND (6300)	ND (5900)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (5500)	ND (6600)	ND (5300)	ND (6300)	ND (5900)
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (5500)	ND (6600)	ND (5300)	ND (6300)	ND (5900)
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (5500)	ND (6600)	ND (5300)	ND (6300)	ND (5900)
Total PCBs	µg/kg	-	ND	ND	ND	ND	ND
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-BH-37*	*OU-4-BH-38*	*OU-4-BH-38*	*OU-4-BH-39*	*OU-4-BH-39*
Sample ID:			*S-2939-072503-SW-028*	*S-2939-072503-SW-017*	*S-2939-072703-RR-041*	*S-2939-072503-SW-025*	*S-2939-072703-RR-039*
Sample Date:			*7/25/2003*	*7/25/2003*	*7/27/2003*	*7/25/2003*	*7/27/2003*
Sample Depth:			*10-12 ft BGS*	*5-7 ft BGS*	*10-12 ft BGS*	*5-7 ft BGS*	*10-12 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-BH-40*	*OU-4-BH-40*	*OU-4-BH-41*	*OU-4-BH-41*	*OU-4-BH-42*
Sample ID:			*S-2939-072503-SW-021*	*S-2939-072703-RR-037*	*S-2939-072703-RR-068*	*S-2939-072703-RR-069*	*S-2939-072803-SW-074*
Sample Date:			*7/25/2003*	*7/27/2003*	*7/27/2003*	*7/27/2003*	*7/28/2003*
Sample Depth:			*5-7 ft BGS*	*10-12 ft BGS*	*5-7 ft BGS*	*10-12 ft BGS*	*3-5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-BH-40*	*OU-4-BH-40*	*OU-4-BH-41*	*OU-4-BH-41*	*OU-4-BH-42*
Sample ID:			*S-2939-072503-SW-021*	*S-2939-072703-RR-037*	*S-2939-072703-RR-068*	*S-2939-072703-RR-069*	*S-2939-072803-SW-074*
Sample Date:			*7/25/2003*	*7/27/2003*	*7/27/2003*	*7/27/2003*	*7/28/2003*
Sample Depth:			*5-7 ft BGS*	*10-12 ft BGS*	*5-7 ft BGS*	*10-12 ft BGS*	*3-5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
m&p-Xylenes	µg/kg	-	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	ND (410)	ND (1900)	ND (340)	ND (450)	ND (390)
1,2-Dichlorobenzene	µg/kg	1000000	ND (410)	ND (1900)	ND (340)	ND (450)	ND (390)
1,3-Dichlorobenzene	µg/kg	560000	ND (410)	ND (1900)	ND (340)	ND (450)	ND (390)
1,4-Dichlorobenzene	µg/kg	250000	ND (410)	ND (1900)	ND (340)	ND (450)	ND (390)
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	ND (410)	ND (1900)	ND (340)	ND (450)	ND (390)
2,4,5-Trichlorophenol	µg/kg	-	ND (1000)	ND (4700)	ND (860)	ND (1100)	ND (980)
2,4,6-Trichlorophenol	µg/kg	-	ND (410)	ND (1900)	ND (340)	ND (450)	ND (390)
2,4-Dichlorophenol	µg/kg	-	ND (410)	ND (1900)	ND (340)	ND (450)	ND (390)
2,4-Dimethylphenol	µg/kg	-	ND (410)	ND (1900)	ND (340)	ND (450)	ND (390)
2,4-Dinitrophenol	µg/kg	-	ND (1000)	ND (4700)	ND (860)	ND (1100)	ND (980)
2,4-Dinitrotoluene	µg/kg	-	ND (410)	ND (1900)	ND (340)	ND (450)	ND (390)
2,6-Dinitrotoluene	µg/kg	-	ND (410)	ND (1900)	ND (340)	ND (450)	ND (390)
2-Chloronaphthalene	µg/kg	-	ND (410)	ND (1900)	ND (340)	ND (450)	ND (390)
2-Chlorophenol	µg/kg	-	ND (410)	ND (1900)	ND (340)	ND (450)	ND (390)
2-Methylnaphthalene	µg/kg	-	200 J	500 J	ND (340)	ND (450)	ND (390)
2-Methylphenol	µg/kg	1000000	ND (410)	ND (1900)	ND (340)	ND (450)	ND (390)
2-Nitroaniline	µg/kg	-	ND (1000)	ND (4700)	ND (860)	ND (1100)	ND (980)
2-Nitrophenol	µg/kg	-	ND (410)	ND (1900)	ND (340)	ND (450)	ND (390)
3,3'-Dichlorobenzidine	µg/kg	-	ND (410)	ND (1900)	ND (340)	ND (450)	ND (390)

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-BH-40*	*OU-4-BH-40*	*OU-4-BH-41*	*OU-4-BH-41*	*OU-4-BH-42*
Sample ID:			*S-2939-072503-SW-021*	*S-2939-072703-RR-037*	*S-2939-072703-RR-068*	*S-2939-072703-RR-069*	*S-2939-072803-SW-074*
Sample Date:			*7/25/2003*	*7/27/2003*	*7/27/2003*	*7/27/2003*	*7/28/2003*
Sample Depth:			*5-7 ft BGS*	*10-12 ft BGS*	*5-7 ft BGS*	*10-12 ft BGS*	*3-5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
3-Nitroaniline	µg/kg	-	ND (1000)	ND (4700)	ND (860)	ND (1100)	ND (980)
4,6-Dinitro-2-methylphenol	µg/kg	-	ND (1000)	ND (4700)	ND (860)	ND (1100)	ND (980)
4-Bromophenyl phenyl ether	µg/kg	-	ND (410)	ND (1900)	ND (340)	ND (450)	ND (390)
4-Chloro-3-methylphenol	µg/kg	-	ND (410)	ND (1900)	ND (340)	ND (450)	ND (390)
4-Chloroaniline	µg/kg	-	ND (410)	ND (1900)	ND (340)	ND (450)	ND (390)
4-Chlorophenyl phenyl ether	µg/kg	-	ND (410)	ND (1900)	ND (340)	ND (450)	ND (390)
4-Methylphenol	µg/kg	1000000	ND (410)	ND (1900)	ND (340)	ND (450)	ND (390)
4-Nitroaniline	µg/kg	-	ND (1000)	ND (4700)	ND (860)	ND (1100)	ND (980)
4-Nitrophenol	µg/kg	-	ND (1000)	ND (4700)	ND (860)	ND (1100)	ND (980)
Acenaphthene	µg/kg	1000000	300 J	900 J	ND (340)	ND (450)	100 J
Acenaphthylene	µg/kg	1000000	300 J	800 J	ND (340)	ND (450)	ND (390)
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	1000	2900	ND (340)	ND (450)	300 J
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	3200	6200	340	ND (450)	1500
Benzo(a)pyrene	µg/kg	1100	**2800**	**5300**	300 J	ND (450)	1100
Benzo(b)fluoranthene	µg/kg	11000	3300	5500	300 J	ND (450)	2100
Benzo(g,h,i)perylene	µg/kg	1000000	700	2200	300 J	ND (450)	400
Benzo(k)fluoranthene	µg/kg	110000	2300	3800	300 J	ND (450)	1300
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	ND (410)	ND (1900)	ND (340)	ND (450)	ND (390)
bis(2-Chloroethyl)ether	µg/kg	-	ND (410)	ND (1900)	ND (340)	ND (450)	ND (390)
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	90 J	ND (1900)	ND (340)	ND (450)	200 J
Butyl benzylphthalate (BBP)	µg/kg	-	ND (410)	ND (1900)	ND (340)	ND (450)	ND (390)
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	400 J	1000 J	ND (340)	ND (450)	100 J
Chrysene	µg/kg	110000	3200	6000	380	ND (450)	1700
Dibenz(a,h)anthracene	µg/kg	1100	ND (410)	ND (1900)	ND (340)	ND (450)	ND (390)
Dibenzofuran	µg/kg	1000000	300 J	1000 J	ND (340)	ND (450)	90 J
Diethyl phthalate	µg/kg	-	ND (410)	ND (1900)	ND (340)	ND (450)	ND (390)
Dimethyl phthalate	µg/kg	-	ND (410)	ND (1900)	ND (340)	ND (450)	ND (390)
Di-n-butylphthalate (DBP)	µg/kg	-	ND (410)	ND (1900)	ND (340)	ND (450)	ND (390)
Di-n-octyl phthalate (DnOP)	µg/kg	-	ND (410)	ND (1900)	ND (340)	ND (450)	ND (390)
Fluoranthene	µg/kg	1000000	5500	14000	580	ND (450)	2300
Fluorene	µg/kg	1000000	400 J	1000 J	ND (340)	ND (450)	100 J
Hexachlorobenzene	µg/kg	12000	ND (410)	ND (1900)	ND (340)	ND (450)	ND (390)
Hexachlorobutadiene	µg/kg	-	ND (410)	ND (1900)	ND (340)	ND (450)	ND (390)
Hexachlorocyclopentadiene	µg/kg	-	ND (410)	ND (1900)	ND (340)	ND (450)	ND (390)
Hexachloroethane	µg/kg	-	ND (410)	ND (1900)	ND (340)	ND (450)	ND (390)
Indeno(1,2,3-cd)pyrene	µg/kg	11000	770	2200	200 J	ND (450)	440

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-BH-40*	*OU-4-BH-40*	*OU-4-BH-41*	*OU-4-BH-41*	*OU-4-BH-42*
Sample ID:			*S-2939-072503-SW-021*	*S-2939-072703-RR-037*	*S-2939-072703-RR-068*	*S-2939-072703-RR-069*	*S-2939-072803-SW-074*
Sample Date:			*7/25/2003*	*7/27/2003*	*7/27/2003*	*7/27/2003*	*7/28/2003*
Sample Depth:			*5-7 ft BGS*	*10-12 ft BGS*	*5-7 ft BGS*	*10-12 ft BGS*	*3-5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Isophorone	µg/kg	-	200 J	ND (1900)	ND (340)	ND (450)	ND (390)
Naphthalene	µg/kg	1000000	400 J	1000 J	ND (340)	ND (450)	100 J
Nitrobenzene	µg/kg	140000	ND (410)	ND (1900)	ND (340)	ND (450)	ND (390)
N-Nitrosodi-n-propylamine	µg/kg	-	ND (410)	ND (1900)	ND (340)	ND (450)	ND (390)
N-Nitrosodiphenylamine	µg/kg	-	ND (410)	ND (1900)	ND (340)	ND (450)	ND (390)
Pentachlorophenol	µg/kg	55000	ND (1000)	ND (4700)	ND (860)	ND (1100)	ND (980)
Phenanthrene	µg/kg	1000000	4000	13000	300 J	ND (450)	1600
Phenol	µg/kg	1000000	ND (410)	ND (1900)	ND (340)	ND (450)	ND (390)
Pyrene	µg/kg	1000000	4800	10000	500	ND (450)	2200
Metals							
Aluminum	µg/kg	-	5320000	6440000	6220000	3520000	7060000
Antimony	µg/kg	-	9000 J	55500 J	ND (230) UJ	ND (300) UJ	4500 J
Arsenic	µg/kg	16000	**26400 J**	**103000 J**	6400	960	**85900**
Barium	µg/kg	10000000	132000 J	147000 J	19900	27500	137000
Beryllium	µg/kg	2700000	270 J	830 J	100	180	470
Cadmium	µg/kg	60000	680	**114000**	ND (10)	ND (14)	1500
Calcium	µg/kg	-	19500000	9300000	980000	1260000	8640000
Chromium	µg/kg	-	66600	61000	13100	11600	42200
Cobalt	µg/kg	-	64800	35100	1900	2300	81100
Copper	µg/kg	10000000	1170000 J	**81700000 J**	35700 J	27100 J	1820000 J
Iron	µg/kg	-	28900000 J	42200000 J	7660000 J	11300000 J	27200000 J
Lead	µg/kg	3900000	317000 J	**12600000 J**	3200 J	3800 J	481000 J
Magnesium	µg/kg	-	4940000	2770000	1200000	1610000	4130000
Manganese	µg/kg	10000000	210000	287000	29900 J	125000 J	295000 J
Mercury	µg/kg	5700	290	2000	ND (17) UJ	ND (23) UJ	550 J
Nickel	µg/kg	10000000	104000 J	136000 J	7800	5100	66500
Potassium	µg/kg	-	632000	998000	825000	734000	1300000
Selenium	µg/kg	6800000	1100 J	73400 J	ND (230) UJ	ND (300) UJ	2600 J
Silver	µg/kg	6800000	930 J	94000 J	71	100	5200
Sodium	µg/kg	-	463000	393000	1430000	167000	342000
Thallium	µg/kg	-	ND (520)	ND (480)	ND (240) UJ	ND (320) UJ	ND (270) UJ
Vanadium	µg/kg	-	20000	133000	17000	31000	28800
Zinc	µg/kg	10000000	3340000 J	3560000 J	17300 J	31500 J	2600000 J

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-BH-40*	*OU-4-BH-40*	*OU-4-BH-41*	*OU-4-BH-41*	*OU-4-BH-42*
Sample ID:			*S-2939-072503-SW-021*	*S-2939-072703-RR-037*	*S-2939-072703-RR-068*	*S-2939-072703-RR-069*	*S-2939-072803-SW-074*
Sample Date:			*7/25/2003*	*7/27/2003*	*7/27/2003*	*7/27/2003*	*7/28/2003*
Sample Depth:			*5-7 ft BGS*	*10-12 ft BGS*	*5-7 ft BGS*	*10-12 ft BGS*	*3-5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (6200)	ND (5700)	ND (5200)	ND (6800)	ND (5900)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (12000)	ND (11000)	ND (10000)	ND (14000)	ND (12000)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (6200)	ND (5700)	ND (5200)	ND (6800)	ND (5900)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (6200)	ND (5700)	ND (5200)	ND (6800)	ND (5900)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (6200)	ND (5700)	ND (5200)	ND (6800)	ND (5900)
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (6200)	ND (5700)	ND (5200)	ND (6800)	ND (5900)
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (6200)	ND (5700)	ND (5200)	ND (6800)	ND (5900)
Total PCBs	µg/kg	-	ND	ND	ND	ND	ND
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-BH-40*	*OU-4-BH-40*	*OU-4-BH-41*	*OU-4-BH-41*	*OU-4-BH-42*
Sample ID:			*S-2939-072503-SW-021*	*S-2939-072703-RR-037*	*S-2939-072703-RR-068*	*S-2939-072703-RR-069*	*S-2939-072803-SW-074*
Sample Date:			*7/25/2003*	*7/27/2003*	*7/27/2003*	*7/27/2003*	*7/28/2003*
Sample Depth:			*5-7 ft BGS*	*10-12 ft BGS*	*5-7 ft BGS*	*10-12 ft BGS*	*3-5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-BH-43*	*OU-4-BH-43*	*OU-4-BH-46*	*OU-4-BH-46*	*OU-4-BH-47*
Sample ID:			*S-2939-072703-RR-063*	*S-2939-072703-RR-064*	*S-2939-072703-RR-045*	*S-2939-072703-RR-046*	*S-2939-072703-RR-051*
Sample Date:			*7/27/2003*	*7/27/2003*	*7/27/2003*	*7/27/2003*	*7/27/2003*
Sample Depth:			*5-7 ft BGS*	*10-12 ft BGS*	*5-7 ft BGS*	*10-12 ft BGS*	*5-7 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-BH-43*	*OU-4-BH-43*	*OU-4-BH-46*	*OU-4-BH-46*	*OU-4-BH-47*
Sample ID:			*S-2939-072703-RR-063*	*S-2939-072703-RR-064*	*S-2939-072703-RR-045*	*S-2939-072703-RR-046*	*S-2939-072703-RR-051*
Sample Date:			*7/27/2003*	*7/27/2003*	*7/27/2003*	*7/27/2003*	*7/27/2003*
Sample Depth:			*5-7 ft BGS*	*10-12 ft BGS*	*5-7 ft BGS*	*10-12 ft BGS*	*5-7 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
m&p-Xylenes	µg/kg	-	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	ND (340)	ND (340)	ND (360)	ND (380)	ND (370)
1,2-Dichlorobenzene	µg/kg	1000000	ND (340)	ND (340)	ND (360)	ND (380)	ND (370)
1,3-Dichlorobenzene	µg/kg	560000	ND (340)	ND (340)	ND (360)	ND (380)	ND (370)
1,4-Dichlorobenzene	µg/kg	250000	ND (340)	ND (340)	ND (360)	ND (380)	ND (370)
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	ND (340)	ND (340)	ND (360)	ND (380)	ND (370)
2,4,5-Trichlorophenol	µg/kg	-	ND (860)	ND (870)	ND (910)	ND (950)	ND (930)
2,4,6-Trichlorophenol	µg/kg	-	ND (340)	ND (340)	ND (360)	ND (380)	ND (370)
2,4-Dichlorophenol	µg/kg	-	ND (340)	ND (340)	ND (360)	ND (380)	ND (370)
2,4-Dimethylphenol	µg/kg	-	ND (340)	ND (340)	ND (360)	ND (380)	ND (370)
2,4-Dinitrophenol	µg/kg	-	ND (860)	ND (870)	ND (910)	ND (950)	ND (930)
2,4-Dinitrotoluene	µg/kg	-	ND (340)	ND (340)	ND (360)	ND (380)	ND (370)
2,6-Dinitrotoluene	µg/kg	-	ND (340)	ND (340)	ND (360)	ND (380)	ND (370)
2-Chloronaphthalene	µg/kg	-	ND (340)	ND (340)	ND (360)	ND (380)	ND (370)
2-Chlorophenol	µg/kg	-	ND (340)	ND (340)	ND (360)	ND (380)	ND (370)
2-Methylnaphthalene	µg/kg	-	ND (340)	ND (340)	300 J	100 J	200 J
2-Methylphenol	µg/kg	1000000	ND (340)	ND (340)	ND (360)	ND (380)	ND (370)
2-Nitroaniline	µg/kg	-	ND (860)	ND (870)	ND (910)	ND (950)	ND (930)
2-Nitrophenol	µg/kg	-	ND (340)	ND (340)	ND (360)	ND (380)	ND (370)
3,3'-Dichlorobenzidine	µg/kg	-	ND (340)	ND (340)	ND (360)	ND (380)	ND (370)

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-BH-43*	*OU-4-BH-43*	*OU-4-BH-46*	*OU-4-BH-46*	*OU-4-BH-47*
Sample ID:			*S-2939-072703-RR-063*	*S-2939-072703-RR-064*	*S-2939-072703-RR-045*	*S-2939-072703-RR-046*	*S-2939-072703-RR-051*
Sample Date:			*7/27/2003*	*7/27/2003*	*7/27/2003*	*7/27/2003*	*7/27/2003*
Sample Depth:			*5-7 ft BGS*	*10-12 ft BGS*	*5-7 ft BGS*	*10-12 ft BGS*	*5-7 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
3-Nitroaniline	µg/kg	-	ND (860)	ND (870)	ND (910)	ND (950)	ND (930)
4,6-Dinitro-2-methylphenol	µg/kg	-	ND (860)	ND (870)	ND (910)	ND (950)	ND (930)
4-Bromophenyl phenyl ether	µg/kg	-	ND (340)	ND (340)	ND (360)	ND (380)	ND (370)
4-Chloro-3-methylphenol	µg/kg	-	ND (340)	ND (340)	ND (360)	ND (380)	ND (370)
4-Chloroaniline	µg/kg	-	ND (340)	ND (340)	ND (360)	ND (380)	ND (370)
4-Chlorophenyl phenyl ether	µg/kg	-	ND (340)	ND (340)	ND (360)	ND (380)	ND (370)
4-Methylphenol	µg/kg	1000000	ND (340)	ND (340)	ND (360)	480	ND (370)
4-Nitroaniline	µg/kg	-	ND (860)	ND (870)	ND (910)	ND (950)	ND (930)
4-Nitrophenol	µg/kg	-	ND (860)	ND (870)	ND (910)	ND (950)	ND (930)
Acenaphthene	µg/kg	1000000	ND (340)	ND (340)	500	100 J	200 J
Acenaphthylene	µg/kg	1000000	ND (340)	ND (340)	300 J	400	300 J
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	ND (340)	ND (340)	1000	460	300 J
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	ND (340)	ND (340)	2300	1700	890
Benzo(a)pyrene	µg/kg	1100	ND (340)	ND (340)	**2300**	**1700**	940
Benzo(b)fluoranthene	µg/kg	11000	ND (340)	ND (340)	2500	1100	910
Benzo(g,h,i)perylene	µg/kg	1000000	ND (340)	ND (340)	1000	710	300 J
Benzo(k)fluoranthene	µg/kg	110000	ND (340)	ND (340)	1200	1500	920
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	ND (340)	ND (340)	ND (360)	ND (380)	ND (370)
bis(2-Chloroethyl)ether	µg/kg	-	ND (340)	ND (340)	ND (360)	ND (380)	ND (370)
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	ND (340)	ND (340)	80 J	ND (380)	200 J
Butyl benzylphthalate (BBP)	µg/kg	-	ND (340)	ND (340)	ND (360)	ND (380)	ND (370)
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	ND (340)	ND (340)	510	100 J	80 J
Chrysene	µg/kg	110000	ND (340)	ND (340)	2300	1600	840
Dibenz(a,h)anthracene	µg/kg	1100	ND (340)	ND (340)	ND (360)	ND (380)	ND (370)
Dibenzofuran	µg/kg	1000000	ND (340)	ND (340)	300 J	100 J	100 J
Diethyl phthalate	µg/kg	-	ND (340)	ND (340)	ND (360)	ND (380)	ND (370)
Dimethyl phthalate	µg/kg	-	ND (340)	ND (340)	ND (360)	ND (380)	ND (370)
Di-n-butylphthalate (DBP)	µg/kg	-	ND (340)	ND (340)	ND (360)	1300	ND (370)
Di-n-octyl phthalate (DnOP)	µg/kg	-	ND (340)	ND (340)	ND (360)	ND (380)	ND (370)
Fluoranthene	µg/kg	1000000	ND (340)	ND (340)	4500	3000	1600
Fluorene	µg/kg	1000000	ND (340)	ND (340)	570	100 J	100 J
Hexachlorobenzene	µg/kg	12000	ND (340)	ND (340)	ND (360)	ND (380)	ND (370)
Hexachlorobutadiene	µg/kg	-	ND (340)	ND (340)	ND (360)	ND (380)	ND (370)
Hexachlorocyclopentadiene	µg/kg	-	ND (340)	ND (340)	ND (360)	ND (380)	ND (370)
Hexachloroethane	µg/kg	-	ND (340)	ND (340)	ND (360)	ND (380)	ND (370)
Indeno(1,2,3-cd)pyrene	µg/kg	11000	ND (340)	ND (340)	1100	730	300 J

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-BH-43*	*OU-4-BH-43*	*OU-4-BH-46*	*OU-4-BH-46*	*OU-4-BH-47*
Sample ID:			*S-2939-072703-RR-063*	*S-2939-072703-RR-064*	*S-2939-072703-RR-045*	*S-2939-072703-RR-046*	*S-2939-072703-RR-051*
Sample Date:			*7/27/2003*	*7/27/2003*	*7/27/2003*	*7/27/2003*	*7/27/2003*
Sample Depth:			*5-7 ft BGS*	*10-12 ft BGS*	*5-7 ft BGS*	*10-12 ft BGS*	*5-7 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Isophorone	µg/kg	-	ND (340)	ND (340)	ND (360)	ND (380)	ND (370)
Naphthalene	µg/kg	1000000	ND (340)	ND (340)	930	200 J	420
Nitrobenzene	µg/kg	140000	ND (340)	ND (340)	ND (360)	ND (380)	ND (370)
N-Nitrosodi-n-propylamine	µg/kg	-	ND (340)	ND (340)	ND (360)	ND (380)	ND (370)
N-Nitrosodiphenylamine	µg/kg	-	ND (340)	ND (340)	ND (360)	ND (380)	ND (370)
Pentachlorophenol	µg/kg	55000	ND (860)	ND (870)	ND (910)	ND (950)	ND (930)
Phenanthrene	µg/kg	1000000	ND (340)	ND (340)	4000	1800	1000
Phenol	µg/kg	1000000	ND (340)	ND (340)	ND (360)	ND (380)	ND (370)
Pyrene	µg/kg	1000000	ND (340)	ND (340)	4200	2800	1400
Metals							
Aluminum	µg/kg	-	3740000	5840000	7270000	9550000	9720000
Antimony	µg/kg	-	ND (230) UJ	ND (230) UJ	650 J	1400 J	620 J
Arsenic	µg/kg	16000	770	1200	11400	**36400**	8000
Barium	µg/kg	10000000	23600	58400	177000	177000	116000
Beryllium	µg/kg	2700000	130	340	440	3100	710
Cadmium	µg/kg	60000	ND (10)	ND (10)	650	630	410
Calcium	µg/kg	-	750000	1210000	31000000	26100000	26800000
Chromium	µg/kg	-	17000	13400	27300	28600	27100
Cobalt	µg/kg	-	2400	8400	5900	15700	11400
Copper	µg/kg	10000000	49400 J	122000 J	2900000 J	339000 J	264000 J
Iron	µg/kg	-	6710000 J	33300000 J	19600000 J	25100000 J	20100000 J
Lead	µg/kg	3900000	3100 J	5300 J	289000 J	358000 J	255000 J
Magnesium	µg/kg	-	1250000	2450000	10700000	3000000	5530000
Manganese	µg/kg	10000000	118000 J	760000 J	257000 J	343000 J	279000 J
Mercury	µg/kg	5700	ND (17) UJ	ND (17) UJ	2500 J	560 J	1800 J
Nickel	µg/kg	10000000	5700	10300	15900	51200	29000
Potassium	µg/kg	-	1040000	1910000	1150000	1490000	2700000
Selenium	µg/kg	6800000	ND (230) UJ	ND (230) UJ	270 J	860 J	470 J
Silver	µg/kg	6800000	49	100	950	590	850
Sodium	µg/kg	-	97900	116000	239000	257000	393000
Thallium	µg/kg	-	ND (240) UJ	ND (240) UJ	ND (250) UJ	ND (260) UJ	ND (260) UJ
Vanadium	µg/kg	-	14800	24000	27300	32700	32800
Zinc	µg/kg	10000000	32300 J	61700 J	430000 J	1480000 J	500000 J

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-BH-43*	*OU-4-BH-43*	*OU-4-BH-46*	*OU-4-BH-46*	*OU-4-BH-47*
Sample ID:			*S-2939-072703-RR-063*	*S-2939-072703-RR-064*	*S-2939-072703-RR-045*	*S-2939-072703-RR-046*	*S-2939-072703-RR-051*
Sample Date:			*7/27/2003*	*7/27/2003*	*7/27/2003*	*7/27/2003*	*7/27/2003*
Sample Depth:			*5-7 ft BGS*	*10-12 ft BGS*	*5-7 ft BGS*	*10-12 ft BGS*	*5-7 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (5200)	ND (5200)	ND (5500)	ND (5700)	ND (5600)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (10000)	ND (10000)	ND (11000)	ND (11000)	ND (11000)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (5200)	ND (5200)	ND (5500)	ND (5700)	ND (5600)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (5200)	ND (5200)	ND (5500)	ND (5700)	ND (5600)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (5200)	ND (5200)	ND (5500)	ND (5700)	ND (5600)
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (5200)	ND (5200)	ND (5500)	ND (5700)	ND (5600)
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (5200)	ND (5200)	ND (5500)	ND (5700)	ND (5600)
Total PCBs	µg/kg	-	ND	ND	ND	ND	ND
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-BH-43*	*OU-4-BH-43*	*OU-4-BH-46*	*OU-4-BH-46*	*OU-4-BH-47*
Sample ID:			*S-2939-072703-RR-063*	*S-2939-072703-RR-064*	*S-2939-072703-RR-045*	*S-2939-072703-RR-046*	*S-2939-072703-RR-051*
Sample Date:			*7/27/2003*	*7/27/2003*	*7/27/2003*	*7/27/2003*	*7/27/2003*
Sample Depth:			*5-7 ft BGS*	*10-12 ft BGS*	*5-7 ft BGS*	*10-12 ft BGS*	*5-7 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-BH-47*	*OU-4-BH-48*	*OU-4-BH-48*	*OU-4-Boring 1*	*OU-4-Boring 1*
Sample ID:			*S-2939-072703-RR-052*	*S-2939-072703-RR-058*	*S-2939-072703-RR-059*	*S-2939-062503-SW-065*	*S-2939-062503-SW-066*
Sample Date:			*7/27/2003*	*7/27/2003*	*7/27/2003*	*6/25/2003*	*6/25/2003*
Sample Depth:			*10-12 ft BGS*	*5-7 ft BGS*	*10-12 ft BGS*	*5-7 ft BGS*	*18-20 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	ND (1)	ND (1)
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	ND (1)	ND (1)
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	ND (1)	ND (1)
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	ND (1)	ND (1)
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	ND (1)	ND (1)
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	ND (1)	ND (1)
Isopropyl benzene	µg/kg	-	-	-	-	ND (1)	ND (1)

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-BH-47*	*OU-4-BH-48*	*OU-4-BH-48*	*OU-4-Boring 1*	*OU-4-Boring 1*
Sample ID:			*S-2939-072703-RR-052*	*S-2939-072703-RR-058*	*S-2939-072703-RR-059*	*S-2939-062503-SW-065*	*S-2939-062503-SW-066*
Sample Date:			*7/27/2003*	*7/27/2003*	*7/27/2003*	*6/25/2003*	*6/25/2003*
Sample Depth:			*10-12 ft BGS*	*5-7 ft BGS*	*10-12 ft BGS*	*5-7 ft BGS*	*18-20 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
m&p-Xylenes	µg/kg	-	-	-	-	ND (1)	ND (1)
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	ND (1)	ND (1)
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	ND (1)	ND (1)
N-Butylbenzene	µg/kg	1000000	-	-	-	ND (1)	ND (1)
N-Propylbenzene	µg/kg	1000000	-	-	-	ND (1)	ND (1)
o-Xylene	µg/kg	-	-	-	-	ND (1)	ND (1)
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	ND (1)	ND (1)
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	ND (1)	ND (1)
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	ND (1)	ND (1)
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	ND (370)	ND (360)	ND (380)	-	-
1,2-Dichlorobenzene	µg/kg	1000000	ND (370)	ND (360)	ND (380)	-	-
1,3-Dichlorobenzene	µg/kg	560000	ND (370)	ND (360)	ND (380)	-	-
1,4-Dichlorobenzene	µg/kg	250000	ND (370)	ND (360)	100 J	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	ND (370)	ND (360)	ND (380)	-	-
2,4,5-Trichlorophenol	µg/kg	-	ND (930)	ND (910)	ND (950)	-	-
2,4,6-Trichlorophenol	µg/kg	-	ND (370)	ND (360)	ND (380)	-	-
2,4-Dichlorophenol	µg/kg	-	ND (370)	ND (360)	ND (380)	-	-
2,4-Dimethylphenol	µg/kg	-	ND (370)	ND (360)	ND (380)	-	-
2,4-Dinitrophenol	µg/kg	-	ND (930)	ND (910)	ND (950)	-	-
2,4-Dinitrotoluene	µg/kg	-	ND (370)	ND (360)	ND (380)	-	-
2,6-Dinitrotoluene	µg/kg	-	ND (370)	ND (360)	ND (380)	-	-
2-Chloronaphthalene	µg/kg	-	ND (370)	ND (360)	ND (380)	-	-
2-Chlorophenol	µg/kg	-	ND (370)	ND (360)	ND (380)	-	-
2-Methylnaphthalene	µg/kg	-	100 J	300 J	ND (380)	-	-
2-Methylphenol	µg/kg	1000000	ND (370)	ND (360)	ND (380)	-	-
2-Nitroaniline	µg/kg	-	ND (930)	ND (910)	ND (950)	-	-
2-Nitrophenol	µg/kg	-	ND (370)	ND (360)	ND (380)	-	-
3,3'-Dichlorobenzidine	µg/kg	-	ND (370)	ND (360)	ND (380)	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-BH-47*	*OU-4-BH-48*	*OU-4-BH-48*	*OU-4-Boring 1*	*OU-4-Boring 1*
Sample ID:			*S-2939-072703-RR-052*	*S-2939-072703-RR-058*	*S-2939-072703-RR-059*	*S-2939-062503-SW-065*	*S-2939-062503-SW-066*
Sample Date:			*7/27/2003*	*7/27/2003*	*7/27/2003*	*6/25/2003*	*6/25/2003*
Sample Depth:			*10-12 ft BGS*	*5-7 ft BGS*	*10-12 ft BGS*	*5-7 ft BGS*	*18-20 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
3-Nitroaniline	µg/kg	-	ND (930)	ND (910)	ND (950)	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	ND (930)	ND (910)	ND (950)	-	-
4-Bromophenyl phenyl ether	µg/kg	-	ND (370)	ND (360)	ND (380)	-	-
4-Chloro-3-methylphenol	µg/kg	-	ND (370)	ND (360)	ND (380)	-	-
4-Chloroaniline	µg/kg	-	ND (370)	ND (360)	ND (380)	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	ND (370)	ND (360)	ND (380)	-	-
4-Methylphenol	µg/kg	1000000	ND (370)	ND (360)	ND (380)	-	-
4-Nitroaniline	µg/kg	-	ND (930)	ND (910)	ND (950)	-	-
4-Nitrophenol	µg/kg	-	ND (930)	ND (910)	ND (950)	-	-
Acenaphthene	µg/kg	1000000	ND (370)	200 J	ND (380)	ND (350)	ND (390)
Acenaphthylene	µg/kg	1000000	200 J	100 J	ND (380)	-	-
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	200 J	200 J	80 J	ND (350)	ND (390)
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	560	520	200 J	ND (350)	ND (390)
Benzo(a)pyrene	µg/kg	1100	660	530	200 J	ND (350)	ND (390)
Benzo(b)fluoranthene	µg/kg	11000	720	580	200 J	ND (350)	ND (390)
Benzo(g,h,i)perylene	µg/kg	1000000	200 J	450	200 J	ND (350)	ND (390)
Benzo(k)fluoranthene	µg/kg	110000	550	300 J	ND (380)	ND (350)	ND (390)
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	ND (370)	ND (360)	ND (380)	-	-
bis(2-Chloroethyl)ether	µg/kg	-	ND (370)	ND (360)	ND (380)	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	90 J	100 J	ND (380)	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	ND (370)	ND (360)	ND (380)	-	-
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	ND (370)	ND (360)	ND (380)	-	-
Chrysene	µg/kg	110000	610	560	200 J	ND (350)	ND (390)
Dibenz(a,h)anthracene	µg/kg	1100	ND (370)	ND (360)	ND (380)	ND (350)	ND (390)
Dibenzofuran	µg/kg	1000000	ND (370)	100 J	ND (380)	-	-
Diethyl phthalate	µg/kg	-	ND (370)	ND (360)	ND (380)	-	-
Dimethyl phthalate	µg/kg	-	ND (370)	ND (360)	ND (380)	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	ND (370)	ND (360)	ND (380)	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	ND (370)	ND (360)	ND (380)	-	-
Fluoranthene	µg/kg	1000000	950	1100	450	ND (350)	ND (390)
Fluorene	µg/kg	1000000	ND (370)	200 J	ND (380)	ND (350)	ND (390)
Hexachlorobenzene	µg/kg	12000	ND (370)	ND (360)	ND (380)	-	-
Hexachlorobutadiene	µg/kg	-	ND (370)	ND (360)	ND (380)	-	-
Hexachlorocyclopentadiene	µg/kg	-	ND (370)	ND (360)	ND (380)	-	-
Hexachloroethane	µg/kg	-	ND (370)	ND (360)	ND (380)	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	200 J	370	100 J	ND (350)	ND (390)

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-BH-47*	*OU-4-BH-48*	*OU-4-BH-48*	*OU-4-Boring 1*	*OU-4-Boring 1*
Sample ID:			*S-2939-072703-RR-052*	*S-2939-072703-RR-058*	*S-2939-072703-RR-059*	*S-2939-062503-SW-065*	*S-2939-062503-SW-066*
Sample Date:			*7/27/2003*	*7/27/2003*	*7/27/2003*	*6/25/2003*	*6/25/2003*
Sample Depth:			*10-12 ft BGS*	*5-7 ft BGS*	*10-12 ft BGS*	*5-7 ft BGS*	*18-20 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Isophorone	µg/kg	-	ND (370)	490	ND (380)	-	-
Naphthalene	µg/kg	1000000	200 J	380	80 J	ND (350)	ND (390)
Nitrobenzene	µg/kg	140000	ND (370)	ND (360)	ND (380)	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	ND (370)	ND (360)	ND (380)	-	-
N-Nitrosodiphenylamine	µg/kg	-	ND (370)	ND (360)	ND (380)	-	-
Pentachlorophenol	µg/kg	55000	ND (930)	ND (910)	ND (950)	-	-
Phenanthrene	µg/kg	1000000	650	890	300 J	ND (350)	ND (390)
Phenol	µg/kg	1000000	ND (370)	ND (360)	ND (380)	-	-
Pyrene	µg/kg	1000000	870	1000	380	ND (350)	ND (390)
Metals							
Aluminum	µg/kg	-	7020000	6680000	4520000	6450000 J	2460000 J
Antimony	µg/kg	-	720 J	1400 J	5300 J	ND (1200) UJ	ND (500) UJ
Arsenic	µg/kg	16000	5200	6000	**51100**	2600	ND (380)
Barium	µg/kg	10000000	125000	105000	51700	43600	15000
Beryllium	µg/kg	2700000	970	490	160	370	140
Cadmium	µg/kg	60000	500	840	300	120	ND (35)
Calcium	µg/kg	-	9030000	6600000	1290000	2540000	831000
Chromium	µg/kg	-	21800	23000	25000	15000	6200
Cobalt	µg/kg	-	11700	7800	3200	7400 J	2600 J
Copper	µg/kg	10000000	281000 J	3710000 J	443000 J	49700	10200
Iron	µg/kg	-	15100000 J	15100000 J	8690000 J	36200000 J	5770000 J
Lead	µg/kg	3900000	216000 J	526000 J	496000 J	17800 J	2500 J
Magnesium	µg/kg	-	5640000	3730000	994000	5620000	1140000
Manganese	µg/kg	10000000	299000 J	259000 J	91200 J	778000 J	135000 J
Mercury	µg/kg	5700	240 J	150 J	91 J	98 J	ND (20)
Nickel	µg/kg	10000000	34500	53700	15000	11300 J	5100 J
Potassium	µg/kg	-	1200000	1250000	1230000	903000	374000
Selenium	µg/kg	6800000	360 J	ND (240) UJ	10000 J	1800 J	720 J
Silver	µg/kg	6800000	830	1500	5700	1300	ND (120)
Sodium	µg/kg	-	171000	164000	117000	118000	77500
Thallium	µg/kg	-	ND (260) UJ	ND (250) UJ	ND (260) UJ	ND (440) UJ	ND (500) UJ
Vanadium	µg/kg	-	34200	34800	15500	28000	7300
Zinc	µg/kg	10000000	808000 J	1850000 J	116000 J	88100 J	20200 J

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-BH-47*	*OU-4-BH-48*	*OU-4-BH-48*	*OU-4-Boring 1*	*OU-4-Boring 1*
Sample ID:			*S-2939-072703-RR-052*	*S-2939-072703-RR-058*	*S-2939-072703-RR-059*	*S-2939-062503-SW-065*	*S-2939-062503-SW-066*
Sample Date:			*7/27/2003*	*7/27/2003*	*7/27/2003*	*6/25/2003*	*6/25/2003*
Sample Depth:			*10-12 ft BGS*	*5-7 ft BGS*	*10-12 ft BGS*	*5-7 ft BGS*	*18-20 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (5600)	ND (5500)	ND (5700)	ND (5300)	ND (5900)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (11000)	ND (11000)	ND (11000)	ND (11000)	ND (12000)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (5600)	ND (5500)	ND (5700)	ND (5300)	ND (5900)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (5600)	ND (5500)	ND (5700)	ND (5300)	ND (5900)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (5600)	ND (5500)	ND (5700)	ND (5300)	ND (5900)
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (5600)	ND (5500)	ND (5700)	ND (5300)	ND (5900)
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (5600)	ND (5500)	ND (5700)	ND (5300)	ND (5900)
Total PCBs	µg/kg	-	ND	ND	ND	ND	ND
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	93300	ND (36900)

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-BH-47*	*OU-4-BH-48*	*OU-4-BH-48*	*OU-4-Boring 1*	*OU-4-Boring 1*
Sample ID:			*S-2939-072703-RR-052*	*S-2939-072703-RR-058*	*S-2939-072703-RR-059*	*S-2939-062503-SW-065*	*S-2939-062503-SW-066*
Sample Date:			*7/27/2003*	*7/27/2003*	*7/27/2003*	*6/25/2003*	*6/25/2003*
Sample Depth:			*10-12 ft BGS*	*5-7 ft BGS*	*10-12 ft BGS*	*5-7 ft BGS*	*18-20 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	4.9	15.2
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-Boring 3*	*OU-4-Boring 4*	*OU-4-Boring 5*	*OU-4-Boring 5*	*OU-4-Boring 6*
Sample ID:			*S-2939-062603-SW-068*	*S-2939-062603-SW-069*	*S-2939-062603-SW-070*	*S-2939-062603-SW-071*	*S-2939-062603-SW-072*
Sample Date:			*6/26/2003*	*6/26/2003*	*6/26/2003*	*6/26/2003*	*6/26/2003*
Sample Depth:			*6-8 ft BGS*	*4-6 ft BGS*	*1-3 ft BGS*	*3-5 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	ND (1)	ND (1)	28	260 J	ND (1)
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	ND (1)	ND (1)	30	160 J	ND (1)
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	ND (1)	ND (1)	3.6	48 J	ND (1)
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	ND (1)	ND (1)	13	110 J	ND (1)
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Isopropyl benzene	µg/kg	-	ND (1)	ND (1)	1.2	23 J	ND (1)

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-Boring 3*	*OU-4-Boring 4*	*OU-4-Boring 5*	*OU-4-Boring 5*	*OU-4-Boring 6*
Sample ID:			*S-2939-062603-SW-068*	*S-2939-062603-SW-069*	*S-2939-062603-SW-070*	*S-2939-062603-SW-071*	*S-2939-062603-SW-072*
Sample Date:			*6/26/2003*	*6/26/2003*	*6/26/2003*	*6/26/2003*	*6/26/2003*
Sample Depth:			*6-8 ft BGS*	*4-6 ft BGS*	*1-3 ft BGS*	*3-5 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
m&p-Xylenes	µg/kg	-	ND (1)	ND (1)	7.5	26 J	ND (1)
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	ND (1)	ND (1)	50	180 J	ND (1)
N-Butylbenzene	µg/kg	1000000	ND (1)	ND (1)	65	320 J	ND (1)
N-Propylbenzene	µg/kg	1000000	ND (1)	ND (1)	7.3	170 J	ND (1)
o-Xylene	µg/kg	-	ND (1)	ND (1)	11	63 J	ND (1)
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	ND (1)	ND (1)	1.2	11 J	ND (1)
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	ND (1)	ND (1)	ND (1)	89 J	ND (1)
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-Boring 3*	*OU-4-Boring 4*	*OU-4-Boring 5*	*OU-4-Boring 5*	*OU-4-Boring 6*
Sample ID:			*S-2939-062603-SW-068*	*S-2939-062603-SW-069*	*S-2939-062603-SW-070*	*S-2939-062603-SW-071*	*S-2939-062603-SW-072*
Sample Date:			*6/26/2003*	*6/26/2003*	*6/26/2003*	*6/26/2003*	*6/26/2003*
Sample Depth:			*6-8 ft BGS*	*4-6 ft BGS*	*1-3 ft BGS*	*3-5 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
3-Nitroaniline	µg/kg	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	ND (400)	ND (390)	700 J	510	ND (360)
Acenaphthylene	µg/kg	1000000	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	ND (400)	ND (390)	ND (1900)	560	ND (360)
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	ND (400)	300 J	ND (1900)	ND (380)	100 J
Benzo(a)pyrene	µg/kg	1100	ND (400)	200 J	ND (1900)	ND (380)	100 J
Benzo(b)fluoranthene	µg/kg	11000	ND (400)	200 J	ND (1900)	ND (380)	ND (360)
Benzo(g,h,i)perylene	µg/kg	1000000	ND (400)	200 J	ND (1900)	ND (380)	100 J
Benzo(k)fluoranthene	µg/kg	110000	ND (400)	200 J	ND (1900)	ND (380)	100 J
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-
Chrysene	µg/kg	110000	ND (400)	300 J	ND (1900)	ND (380)	200 J
Dibenz(a,h)anthracene	µg/kg	1100	ND (400)	ND (390)	ND (1900)	ND (380)	ND (360)
Dibenzofuran	µg/kg	1000000	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	ND (400)	510	ND (1900)	200 J	200 J
Fluorene	µg/kg	1000000	ND (400)	ND (390)	1000 J	1200	ND (360)
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	ND (400)	100 J	ND (1900)	ND (380)	90 J

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-Boring 3*	*OU-4-Boring 4*	*OU-4-Boring 5*	*OU-4-Boring 5*	*OU-4-Boring 6*
Sample ID:			*S-2939-062603-SW-068*	*S-2939-062603-SW-069*	*S-2939-062603-SW-070*	*S-2939-062603-SW-071*	*S-2939-062603-SW-072*
Sample Date:			*6/26/2003*	*6/26/2003*	*6/26/2003*	*6/26/2003*	*6/26/2003*
Sample Depth:			*6-8 ft BGS*	*4-6 ft BGS*	*1-3 ft BGS*	*3-5 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Isophorone	µg/kg	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	ND (400)	430	700 J	430	100 J
Nitrobenzene	µg/kg	140000	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-
Phenanthrene	µg/kg	1000000	ND (400)	300 J	3400	3100	300 J
Phenol	µg/kg	1000000	-	-	-	-	-
Pyrene	µg/kg	1000000	ND (400)	480	1000 J	470	200 J
Metals							
Aluminum	µg/kg	-	17400000	12600000	8710000	9540000	6370000
Antimony	µg/kg	-	ND (270) UJ	420 J	3700 J	670 J	3900 J
Arsenic	µg/kg	16000	4800	7100	**50900**	10500	11500
Barium	µg/kg	10000000	41700	46800	40400	80500	58500
Beryllium	µg/kg	2700000	600	360	410	590	320
Cadmium	µg/kg	60000	ND (12)	ND (12)	240	140	69
Calcium	µg/kg	-	1300000	1980000	2670000	1440000	31700000
Chromium	µg/kg	-	21900	18600	16300	16200	13200
Cobalt	µg/kg	-	9500	8900	11500	7300	18400
Copper	µg/kg	10000000	14200	420000	737000	2080000	3260000
Iron	µg/kg	-	26300000	23500000	15900000	14900000	18500000
Lead	µg/kg	3900000	12500 J	178000 J	38800 J	130000 J	84300 J
Magnesium	µg/kg	-	3090000	2890000	3380000	2240000	2510000
Manganese	µg/kg	10000000	494000	191000	225000	192000	220000
Mercury	µg/kg	5700	ND (20)	2600	2300	380	160
Nickel	µg/kg	10000000	13900	13300	124000	57300	40100
Potassium	µg/kg	-	946000	748000	1170000	852000	813000
Selenium	µg/kg	6800000	900	680	208000	29400	36400
Silver	µg/kg	6800000	ND (49) UJ	1500 J	21000 J	1400 J	101000 J
Sodium	µg/kg	-	67000	132000	401000	253000	685000
Thallium	µg/kg	-	ND (280)	ND (270)	ND (270)	ND (270)	ND (250)
Vanadium	µg/kg	-	32500	26000	24000	21500	14100
Zinc	µg/kg	10000000	63500	135000	82000	74400	403000

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-Boring 3*	*OU-4-Boring 4*	*OU-4-Boring 5*	*OU-4-Boring 5*	*OU-4-Boring 6*
Sample ID:			*S-2939-062603-SW-068*	*S-2939-062603-SW-069*	*S-2939-062603-SW-070*	*S-2939-062603-SW-071*	*S-2939-062603-SW-072*
Sample Date:			*6/26/2003*	*6/26/2003*	*6/26/2003*	*6/26/2003*	*6/26/2003*
Sample Depth:			*6-8 ft BGS*	*4-6 ft BGS*	*1-3 ft BGS*	*3-5 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (6100)	ND (5900)	ND (5800)	ND (5800)	ND (5500)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (12000)	ND (12000)	ND (12000)	ND (12000)	ND (11000)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (6100)	ND (5900)	ND (5800)	ND (5800)	ND (5500)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (6100)	ND (5900)	ND (5800)	ND (5800)	ND (5500)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (6100)	ND (5900)	ND (5800)	ND (5800)	ND (5500)
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (6100)	ND (5900)	ND (5800)	ND (5800)	ND (5500)
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (6100)	ND (5900)	ND (5800)	ND (5800)	ND (5500)
Total PCBs	µg/kg	-	ND	ND	ND	ND	ND
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	136000	ND (37100)	1730000	1900000	104000

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-Boring 3*	*OU-4-Boring 4*	*OU-4-Boring 5*	*OU-4-Boring 5*	*OU-4-Boring 6*
Sample ID:			*S-2939-062603-SW-068*	*S-2939-062603-SW-069*	*S-2939-062603-SW-070*	*S-2939-062603-SW-071*	*S-2939-062603-SW-072*
Sample Date:			*6/26/2003*	*6/26/2003*	*6/26/2003*	*6/26/2003*	*6/26/2003*
Sample Depth:			*6-8 ft BGS*	*4-6 ft BGS*	*1-3 ft BGS*	*3-5 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-
Percent moisture	%	-	18.0	15.7	14.3	14.2	8.4
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-Boring 6*	*OU-4-Boring 7*	*OU-4-Boring 7*	*OU-4-Boring 8*	*OU-5-Test Pit 11 (B)*
Sample ID:			*S-2939-062603-SW-073*	*S-2939-062603-SW-074*	*S-2939-062603-SW-075*	*S-2939-062703-SW-076*	*S-2939-061203-SW-040*
Sample Date:			*6/26/2003*	*6/26/2003*	*6/26/2003*	*6/27/2003*	*6/12/2003*
Sample Depth:			*6-8 ft BGS*	*1-3 ft BGS*	*5-7 ft BGS*	*2-4 ft BGS*	*8 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Isopropyl benzene	µg/kg	-	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-Boring 6*	*OU-4-Boring 7*	*OU-4-Boring 7*	*OU-4-Boring 8*	*OU-5-Test Pit 11 (B)*
Sample ID:			*S-2939-062603-SW-073*	*S-2939-062603-SW-074*	*S-2939-062603-SW-075*	*S-2939-062703-SW-076*	*S-2939-061203-SW-040*
Sample Date:			*6/26/2003*	*6/26/2003*	*6/26/2003*	*6/27/2003*	*6/12/2003*
Sample Depth:			*6-8 ft BGS*	*1-3 ft BGS*	*5-7 ft BGS*	*2-4 ft BGS*	*8 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
m&p-Xylenes	µg/kg	-	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
N-Butylbenzene	µg/kg	1000000	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
N-Propylbenzene	µg/kg	1000000	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
o-Xylene	µg/kg	-	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-Boring 6*	*OU-4-Boring 7*	*OU-4-Boring 7*	*OU-4-Boring 8*	*OU-5-Test Pit 11 (B)*
Sample ID:			*S-2939-062603-SW-073*	*S-2939-062603-SW-074*	*S-2939-062603-SW-075*	*S-2939-062703-SW-076*	*S-2939-061203-SW-040*
Sample Date:			*6/26/2003*	*6/26/2003*	*6/26/2003*	*6/27/2003*	*6/12/2003*
Sample Depth:			*6-8 ft BGS*	*1-3 ft BGS*	*5-7 ft BGS*	*2-4 ft BGS*	*8 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
3-Nitroaniline	µg/kg	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	ND (390)	ND (420)	ND (360)	ND (870)	ND (430)
Acenaphthylene	µg/kg	1000000	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	ND (390)	ND (420)	90 J	600 J	ND (430)
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	ND (390)	ND (420)	300 J	2100	300 J
Benzo(a)pyrene	µg/kg	1100	ND (390)	ND (420)	300 J	**1700**	300 J
Benzo(b)fluoranthene	µg/kg	11000	ND (390)	ND (420)	200 J	1700	460
Benzo(g,h,i)perylene	µg/kg	1000000	ND (390)	ND (420)	200 J	1300	100 J
Benzo(k)fluoranthene	µg/kg	110000	ND (390)	ND (420)	300 J	1700	300 J
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-
Chrysene	µg/kg	110000	ND (390)	ND (420)	400	2400	400 J
Dibenz(a,h)anthracene	µg/kg	1100	ND (390)	ND (420)	ND (360)	ND (870)	ND (430)
Dibenzofuran	µg/kg	1000000	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	ND (390)	ND (420)	730	3800	810
Fluorene	µg/kg	1000000	ND (390)	ND (420)	ND (360)	200 J	ND (430)
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	ND (390)	ND (420)	200 J	1300	100 J

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-Boring 6*	*OU-4-Boring 7*	*OU-4-Boring 7*	*OU-4-Boring 8*	*OU-5-Test Pit 11 (B)*
Sample ID:			*S-2939-062603-SW-073*	*S-2939-062603-SW-074*	*S-2939-062603-SW-075*	*S-2939-062703-SW-076*	*S-2939-061203-SW-040*
Sample Date:			*6/26/2003*	*6/26/2003*	*6/26/2003*	*6/27/2003*	*6/12/2003*
Sample Depth:			*6-8 ft BGS*	*1-3 ft BGS*	*5-7 ft BGS*	*2-4 ft BGS*	*8 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Isophorone	µg/kg	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	ND (390)	ND (420)	ND (360)	200 J	200 J
Nitrobenzene	µg/kg	140000	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-
Phenanthrene	µg/kg	1000000	80 J	ND (420)	470	2600	660
Phenol	µg/kg	1000000	-	-	-	-	-
Pyrene	µg/kg	1000000	ND (390)	ND (420)	640	4500	550
Metals							
Aluminum	µg/kg	-	9680000	6360000	2590000	23000000	3730000
Antimony	µg/kg	-	8800 J	340 J	ND (240) UJ	ND (29100) UJ	37100
Arsenic	µg/kg	16000	**81200**	14900	6000	**121000**	**973000**
Barium	µg/kg	10000000	82400	26700	18000	478000	218000
Beryllium	µg/kg	2700000	540	96	82	ND (1300)	370
Cadmium	µg/kg	60000	1200	ND (13)	ND (11)	ND (1300)	1300 J
Calcium	µg/kg	-	23800000	860000	1010000	2510000	4470000 J
Chromium	µg/kg	-	19200	80600	17700	70100	18300
Cobalt	µg/kg	-	50700	1400	1800	ND (7900)	10100
Copper	µg/kg	10000000	**10600000**	104000	34900	1350000	6050000
Iron	µg/kg	-	30200000	6790000	6550000	150000000	22100000
Lead	µg/kg	3900000	222000 J	20800 J	10900 J	1050000 J	858000
Magnesium	µg/kg	-	4350000	910000	1030000	920000	780000
Manganese	µg/kg	10000000	375000	33400	31000	200000	99200 J
Mercury	µg/kg	5700	200	ND (21)	34	2800	600
Nickel	µg/kg	10000000	459000	3800	3700	ND (6600)	468000
Potassium	µg/kg	-	2060000	2790000	1070000	3880000	742000
Selenium	µg/kg	6800000	31000	ND (280)	ND (240)	ND (29100)	92600 J
Silver	µg/kg	6800000	69200 J	140 J	140 J	15200 J	13700
Sodium	µg/kg	-	622000	117000	78900	5400000	326000
Thallium	µg/kg	-	ND (270)	ND (290)	ND (250)	ND (30400)	ND (300)
Vanadium	µg/kg	-	24800	40400	18500	79800	23700 J
Zinc	µg/kg	10000000	522000	41600	36000	169000	304000 J

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-Boring 6*	*OU-4-Boring 7*	*OU-4-Boring 7*	*OU-4-Boring 8*	*OU-5-Test Pit 11 (B)*
Sample ID:			*S-2939-062603-SW-073*	*S-2939-062603-SW-074*	*S-2939-062603-SW-075*	*S-2939-062703-SW-076*	*S-2939-061203-SW-040*
Sample Date:			*6/26/2003*	*6/26/2003*	*6/26/2003*	*6/27/2003*	*6/12/2003*
Sample Depth:			*6-8 ft BGS*	*1-3 ft BGS*	*5-7 ft BGS*	*2-4 ft BGS*	*8 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (5900)	ND (6400)	ND (5400)	ND (6600)	ND (43)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (12000)	ND (13000)	ND (11000)	ND (13000)	ND (88)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (5900)	ND (6400)	ND (5400)	ND (6600)	ND (43)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (5900)	ND (6400)	ND (5400)	ND (6600)	ND (43)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (5900)	ND (6400)	ND (5400)	ND (6600)	ND (43)
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (5900)	ND (6400)	ND (5400)	ND (6600)	170
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (5900)	ND (6400)	ND (5400)	ND (6600)	ND (43)
Total PCBs	µg/kg	-	ND	ND	ND	ND	170
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	141000	ND (40000)	ND (33900)	463000	ND (41100)

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-4-Boring 6*	*OU-4-Boring 7*	*OU-4-Boring 7*	*OU-4-Boring 8*	*OU-5-Test Pit 11 (B)*
Sample ID:			*S-2939-062603-SW-073*	*S-2939-062603-SW-074*	*S-2939-062603-SW-075*	*S-2939-062703-SW-076*	*S-2939-061203-SW-040*
Sample Date:			*6/26/2003*	*6/26/2003*	*6/26/2003*	*6/27/2003*	*6/12/2003*
Sample Depth:			*6-8 ft BGS*	*1-3 ft BGS*	*5-7 ft BGS*	*2-4 ft BGS*	*8 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-
Percent moisture	%	-	15.6	21.8	7.6	24.4	23.9
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-6-Boring 1*	*OU-6-Boring 1*	*OW8-99*	*OW8-99*	*OW8-99*	*OW8-99*	*OW9-99*
Sample ID:			*S-2939-062703-SW-077*	*S-2939-062703-SW-078*	*S-JRR-014*	*S-JRR-015*	*S-JRR-016*	*S-JRR-017*	*S-JRR-007*
Sample Date:			*6/27/2003*	*6/27/2003*	*8/2/1999*	*8/2/1999*	*8/2/1999*	*8/2/1999*	*7/29/1999*
Sample Depth:			*4-6 ft BGS*	*13-15 ft BGS*	*1.5-2.5 ft BGS*	*3.5-5.5 ft BGS*	*9.5-11.5 ft BGS*	*9.5-11.5 ft BGS*	*2-4 ft BGS*
		RUSCO						*Duplicate*	
Parameter	*Units*	*Criteria*							
Volatiles									
1,1,1-Trichloroethane	µg/kg	1000000	-	-	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)
1,1,2-Trichloroethane	µg/kg	-	-	-	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)
1,1-Dichloroethane	µg/kg	480000	-	-	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)
1,1-Dichloroethene	µg/kg	1000000	-	-	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	ND (1)	ND (1)	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)
1,2-Dichloroethene (total)	µg/kg	-	-	-	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)
1,2-Dichloropropane	µg/kg	-	-	-	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)
1,3,5-Trimethylbenzene	µg/kg	380000	ND (1)	ND (1)	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	ND (11)	ND (11)	ND (11)	ND (12)	1 J
2-Hexanone	µg/kg	-	-	-	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	ND (1)	ND (1)	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)
Acetone	µg/kg	1000000	-	-	2 J	3 J	ND (11)	ND (12)	2 J
Benzene	µg/kg	89000	ND (1)	ND (1)	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)
Bromodichloromethane	µg/kg	-	-	-	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)
Bromoform	µg/kg	-	-	-	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)
Bromomethane (Methyl bromide)	µg/kg	-	-	-	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)
Carbon disulfide	µg/kg	-	-	-	ND (11)	2 J	ND (11)	ND (12)	ND (11)
Carbon tetrachloride	µg/kg	44000	-	-	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)
Chlorobenzene	µg/kg	1000000	-	-	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)
Chloroethane	µg/kg	-	-	-	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)
Chloroform (Trichloromethane)	µg/kg	700000	-	-	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)
Chloromethane (Methyl chloride)	µg/kg	-	-	-	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)
Cyclohexane	µg/kg	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	ND (1)	ND (1)	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	ND (1)	ND (1)	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)
Isopropyl benzene	µg/kg	-	ND (1)	ND (1)	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-6-Boring 1*	*OU-6-Boring 1*	*OW8-99*	*OW8-99*	*OW8-99*	*OW8-99*	*OW9-99*
Sample ID:			*S-2939-062703-SW-077*	*S-2939-062703-SW-078*	*S-JRR-014*	*S-JRR-015*	*S-JRR-016*	*S-JRR-017*	*S-JRR-007*
Sample Date:			*6/27/2003*	*6/27/2003*	*8/2/1999*	*8/2/1999*	*8/2/1999*	*8/2/1999*	*7/29/1999*
Sample Depth:			*4-6 ft BGS*	*13-15 ft BGS*	*1.5-2.5 ft BGS*	*3.5-5.5 ft BGS*	*9.5-11.5 ft BGS*	*9.5-11.5 ft BGS*	*2-4 ft BGS*
		RUSCO						*Duplicate*	
Parameter	*Units*	*Criteria*							
m&p-Xylenes	µg/kg	-	ND (1)	ND (1)	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	ND (1)	ND (1)	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)
Naphthalene	µg/kg	1000000	ND (1)	56	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	ND (1)	4.8	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	ND (1)	ND (1)	-	-	-	-	-
o-Xylene	µg/kg	-	ND (1)	ND (1)	-	-	-	-	-
Styrene	µg/kg	-	-	-	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)
tert-Butylbenzene	µg/kg	1000000	ND (1)	ND (1)	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)
Toluene	µg/kg	1000000	ND (1)	ND (1)	2 J	1 J	ND (11)	ND (12)	ND (11)
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)
Trichloroethene	µg/kg	400000	-	-	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	ND (11)	ND (11)	ND (11)	ND (12)	ND (11)
Xylenes (total)	µg/kg	1000000	ND (1)	ND (1)	2 J	ND (11)	ND (11)	ND (12)	ND (11)
Semi-Volatiles									
1,2,4-Trichlorobenzene	µg/kg	-	-	-	ND (360)	ND (350)	ND (350)	ND (400)	ND (360)
1,2-Dichlorobenzene	µg/kg	1000000	-	-	ND (360)	ND (350)	ND (350)	ND (400)	ND (360)
1,3-Dichlorobenzene	µg/kg	560000	-	-	ND (360)	ND (350)	ND (350)	ND (400)	ND (360)
1,4-Dichlorobenzene	µg/kg	250000	-	-	ND (360)	ND (350)	ND (350)	ND (400)	ND (360)
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	ND (360)	ND (350)	ND (350)	ND (400)	ND (360)
2,4,5-Trichlorophenol	µg/kg	-	-	-	ND (900)	ND (880)	ND (880)	ND (990)	ND (890)
2,4,6-Trichlorophenol	µg/kg	-	-	-	ND (360)	ND (350)	ND (350)	ND (400)	ND (360)
2,4-Dichlorophenol	µg/kg	-	-	-	ND (360)	ND (350)	ND (350)	ND (400)	ND (360)
2,4-Dimethylphenol	µg/kg	-	-	-	ND (360)	ND (350)	ND (350)	ND (400)	ND (360)
2,4-Dinitrophenol	µg/kg	-	-	-	ND (900)	ND (880)	ND (880)	ND (990)	ND (890)
2,4-Dinitrotoluene	µg/kg	-	-	-	ND (360)	ND (350)	ND (350)	ND (400)	ND (360)
2,6-Dinitrotoluene	µg/kg	-	-	-	ND (360)	ND (350)	ND (350)	ND (400)	ND (360)
2-Chloronaphthalene	µg/kg	-	-	-	ND (360)	ND (350)	ND (350)	ND (400)	ND (360)
2-Chlorophenol	µg/kg	-	-	-	ND (360)	ND (350)	ND (350)	ND (400)	ND (360)
2-Methylnaphthalene	µg/kg	-	-	-	ND (360)	ND (350)	ND (350)	ND (400)	ND (360)
2-Methylphenol	µg/kg	1000000	-	-	ND (360)	ND (350)	ND (350)	ND (400)	ND (360)
2-Nitroaniline	µg/kg	-	-	-	ND (900)	ND (880)	ND (880)	ND (990)	ND (890)
2-Nitrophenol	µg/kg	-	-	-	ND (360)	ND (350)	ND (350)	ND (400)	ND (360)
3,3'-Dichlorobenzidine	µg/kg	-	-	-	ND (360)	ND (350)	ND (350)	ND (400)	ND (360)

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-6-Boring 1*	*OU-6-Boring 1*	*OW8-99*	*OW8-99*	*OW8-99*	*OW8-99*	*OW9-99*
Sample ID:			*S-2939-062703-SW-077*	*S-2939-062703-SW-078*	*S-JRR-014*	*S-JRR-015*	*S-JRR-016*	*S-JRR-017*	*S-JRR-007*
Sample Date:			*6/27/2003*	*6/27/2003*	*8/2/1999*	*8/2/1999*	*8/2/1999*	*8/2/1999*	*7/29/1999*
Sample Depth:			*4-6 ft BGS*	*13-15 ft BGS*	*1.5-2.5 ft BGS*	*3.5-5.5 ft BGS*	*9.5-11.5 ft BGS*	*9.5-11.5 ft BGS*	*2-4 ft BGS*
		RUSCO						*Duplicate*	
Parameter	*Units*	*Criteria*							
3-Nitroaniline	µg/kg	-	-	-	ND (900)	ND (880)	ND (880)	ND (990)	ND (890)
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	ND (900)	ND (880)	ND (880)	ND (990)	ND (890)
4-Bromophenyl phenyl ether	µg/kg	-	-	-	ND (360)	ND (350)	ND (350)	ND (400)	ND (360)
4-Chloro-3-methylphenol	µg/kg	-	-	-	ND (360)	ND (350)	ND (350)	ND (400)	ND (360)
4-Chloroaniline	µg/kg	-	-	-	ND (360)	ND (350)	ND (350)	ND (400)	ND (360)
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	ND (360)	ND (350)	ND (350)	ND (400)	ND (360)
4-Methylphenol	µg/kg	1000000	-	-	ND (360)	ND (350)	ND (350)	ND (400)	ND (360)
4-Nitroaniline	µg/kg	-	-	-	ND (900)	ND (880)	ND (880)	ND (990)	ND (890)
4-Nitrophenol	µg/kg	-	-	-	ND (900)	ND (880)	ND (880)	ND (990)	ND (890)
Acenaphthene	µg/kg	1000000	ND (350)	ND (380)	ND (360)	ND (350)	ND (350)	ND (400)	ND (360)
Acenaphthylene	µg/kg	1000000	-	-	47 J	ND (350)	47 J	ND (400)	ND (360)
Acetophenone	µg/kg	-	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	100 J	ND (380)	ND (360)	ND (350)	45 J	ND (400)	ND (360)
Atrazine	µg/kg	-	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	460	ND (380)	100 J	67 J	270 J	93 J	ND (360)
Benzo(a)pyrene	µg/kg	1100	450	ND (380)	100 J	45 J	240 J	84 J	ND (360)
Benzo(b)fluoranthene	µg/kg	11000	410	ND (380)	86 J	41 J	220 J	63 J	ND (360)
Benzo(g,h,i)perylene	µg/kg	1000000	200 J	ND (380)	82 J	ND (350)	180 J	55 J	ND (360)
Benzo(k)fluoranthene	µg/kg	110000	500	ND (380)	89 J	ND (350)	230 J	69 J	ND (360)
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	ND (360)	ND (350)	ND (350)	ND (400)	ND (360)
bis(2-Chloroethyl)ether	µg/kg	-	-	-	ND (360)	ND (350)	ND (350)	ND (400)	ND (360)
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	ND (360)	ND (350)	54 J	ND (400)	ND (360)
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	ND (360)	ND (350)	ND (350)	ND (400)	ND (360)
Caprolactam	µg/kg	-	-	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	ND (360)	ND (350)	ND (350)	ND (400)	ND (360)
Chrysene	µg/kg	110000	480	ND (380)	96 J	65 J	270 J	89 J	ND (360)
Dibenz(a,h)anthracene	µg/kg	1100	100 J	ND (380)	ND (360)	ND (350)	ND (350)	ND (400)	ND (360)
Dibenzofuran	µg/kg	1000000	-	-	ND (360)	ND (350)	ND (350)	ND (400)	ND (360)
Diethyl phthalate	µg/kg	-	-	-	ND (360)	ND (350)	ND (350)	ND (400)	ND (360)
Dimethyl phthalate	µg/kg	-	-	-	ND (360)	ND (350)	ND (350)	ND (400)	ND (360)
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	ND (360)	ND (350)	60 J	ND (400)	ND (360)
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	ND (360)	ND (350)	ND (350)	ND (400)	ND (360)
Fluoranthene	µg/kg	1000000	700	ND (380)	120 J	140 J	320 J	95 J	46 J
Fluorene	µg/kg	1000000	ND (350)	ND (380)	ND (360)	ND (350)	ND (350)	ND (400)	ND (360)
Hexachlorobenzene	µg/kg	12000	-	-	ND (360)	ND (350)	ND (350)	ND (400)	ND (360)
Hexachlorobutadiene	µg/kg	-	-	-	ND (360)	ND (350)	ND (350) J	ND (400)	ND (360)
Hexachlorocyclopentadiene	µg/kg	-	-	-	ND (360)	ND (350)	ND (350) J	ND (400)	ND (360)
Hexachloroethane	µg/kg	-	-	-	ND (360)	ND (350)	ND (350)	ND (400)	ND (360)
Indeno(1,2,3-cd)pyrene	µg/kg	11000	200 J	ND (380)	74 J	ND (350)	170 J	55 J	ND (360)

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-6-Boring 1*	*OU-6-Boring 1*	*OW8-99*	*OW8-99*	*OW8-99*	*OW8-99*	*OW9-99*
Sample ID:			*S-2939-062703-SW-077*	*S-2939-062703-SW-078*	*S-JRR-014*	*S-JRR-015*	*S-JRR-016*	*S-JRR-017*	*S-JRR-007*
Sample Date:			*6/27/2003*	*6/27/2003*	*8/2/1999*	*8/2/1999*	*8/2/1999*	*8/2/1999*	*7/29/1999*
Sample Depth:			*4-6 ft BGS*	*13-15 ft BGS*	*1.5-2.5 ft BGS*	*3.5-5.5 ft BGS*	*9.5-11.5 ft BGS*	*9.5-11.5 ft BGS*	*2-4 ft BGS*
		RUSCO						*Duplicate*	
Parameter	*Units*	*Criteria*							
Isophorone	µg/kg	-	-	-	ND (360)	ND (350)	ND (350)	ND (400)	ND (360)
Naphthalene	µg/kg	1000000	ND (350)	300 J	ND (360)	ND (350)	ND (350)	ND (400)	ND (360)
Nitrobenzene	µg/kg	140000	-	-	ND (360)	ND (350)	ND (350)	ND (400)	ND (360)
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	ND (360)	ND (350)	ND (350)	ND (400)	ND (360)
N-Nitrosodiphenylamine	µg/kg	-	-	-	ND (360)	ND (350)	ND (350)	ND (400)	ND (360)
Pentachlorophenol	µg/kg	55000	-	-	ND (900)	ND (880)	ND (880)	ND (990)	ND (890)
Phenanthrene	µg/kg	1000000	300 J	ND (380)	84 J	170 J	160 J	ND (400)	ND (360)
Phenol	µg/kg	1000000	-	-	ND (360)	ND (350)	ND (350)	ND (400)	ND (360)
Pyrene	µg/kg	1000000	710	ND (380)	130 J	120 J	340 J	100 J	40 J
Metals									
Aluminum	µg/kg	-	5080000	5400000	5840000	4900000	3200000	5320000	5840000
Antimony	µg/kg	-	410 J	ND (260) UJ	2100 J	ND (1500) J	ND (1500) J	ND (1700) J	ND (1500) J
Arsenic	µg/kg	16000	3700	980	13100	2300	2900	3400	5300
Barium	µg/kg	10000000	46400	40600	31500	49700	46900 J	84000 J	36500
Beryllium	µg/kg	2700000	430	400	280	490	450	730	310
Cadmium	µg/kg	60000	ND (11)	ND (12)	ND (65)	ND (63)	ND (63)	ND (72)	1300
Calcium	µg/kg	-	3670000	1310000	840000	1210000	675000	1080000	1250000
Chromium	µg/kg	-	18000	16700	13800	14600	14100	19400	11500
Cobalt	µg/kg	-	5200	5700	5500	13500	9100	11800	5500
Copper	µg/kg	10000000	118000	19400	173000 J	173000	26300 J	69800 J	1280000
Iron	µg/kg	-	19000000	16200000	15700000	20000000 J	38000000 J	81100000 J	14200000 J
Lead	µg/kg	3900000	41700 J	6500 J	120000	10000	6900 J	12700 J	94200
Magnesium	µg/kg	-	2630000	1920000	1980000	2300000	1160000 J	2020000 J	1830000
Manganese	µg/kg	10000000	297000	285000	137000 J	437000	903000 J	1890000 J	264000
Mercury	µg/kg	5700	42	ND (19)	520 J	ND (46)	ND (50)	ND (54)	ND (53)
Nickel	µg/kg	10000000	13700	9400	10000	11600 J	13800 J	20200 J	72700 J
Potassium	µg/kg	-	939000	1110000	806000 J	985000 J	392000 J	671000 J	415000 J
Selenium	µg/kg	6800000	ND (230)	ND (260)	25500	13400 J	3600 J	13200 J	2500 J
Silver	µg/kg	6800000	770 J	ND (47) UJ	3700	ND (130)	ND (130)	710	1100
Sodium	µg/kg	-	121000	132000	60900	111000	69100	112000	56400
Thallium	µg/kg	-	ND (240)	ND (270)	1600	ND (2800)	ND (3000) J	8100 J	2200
Vanadium	µg/kg	-	31200	24200	21100	32200	40500	56900	15600
Zinc	µg/kg	10000000	90300	44000	81800	78600 J	42700 J	43200 J	233000 J

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-6-Boring 1*	*OU-6-Boring 1*	*OW8-99*	*OW8-99*	*OW8-99*	*OW8-99*	*OW9-99*
Sample ID:			*S-2939-062703-SW-077*	*S-2939-062703-SW-078*	*S-JRR-014*	*S-JRR-015*	*S-JRR-016*	*S-JRR-017*	*S-JRR-007*
Sample Date:			*6/27/2003*	*6/27/2003*	*8/2/1999*	*8/2/1999*	*8/2/1999*	*8/2/1999*	*7/29/1999*
Sample Depth:			*4-6 ft BGS*	*13-15 ft BGS*	*1.5-2.5 ft BGS*	*3.5-5.5 ft BGS*	*9.5-11.5 ft BGS*	*9.5-11.5 ft BGS*	*2-4 ft BGS*
		RUSCO						*Duplicate*	
Parameter	*Units*	*Criteria*							
PCBs									
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (5300)	ND (5800)	ND (36)	ND (35)	ND (35)	ND (39)	ND (35)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (11000)	ND (12000)	ND (72)	ND (71)	ND (70)	ND (80)	ND (72)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (5300)	ND (5800)	ND (36)	ND (35)	ND (35)	ND (39)	ND (35)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (5300)	ND (5800)	ND (36)	ND (35)	ND (35)	ND (39)	ND (35)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (5300)	ND (5800)	ND (36)	ND (35)	ND (35)	ND (39)	ND (35)
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (5300)	ND (5800)	75 J	ND (35)	ND (35)	ND (39)	ND (35)
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (5300)	ND (5800)	54	ND (35)	ND (35)	ND (39)	ND (35)
Total PCBs	µg/kg	-	ND	ND	129	ND	ND	ND	ND
Pesticides									
4,4'-DDD	µg/kg	180000	-	-	0.41 J	ND (3.5)	ND (3.5)	ND (3.9)	ND (3.5)
4,4'-DDE	µg/kg	120000	-	-	ND (3.6)	ND (3.5)	ND (3.5)	ND (3.9)	ND (3.5)
4,4'-DDT	µg/kg	94000	-	-	ND (3.6)	ND (3.5)	ND (3.5)	ND (3.9)	ND (3.5)
Aldrin	µg/kg	1400	-	-	ND (1.8)	ND (1.8)	ND (1.8)	ND (2.0)	ND (1.8)
alpha-BHC	µg/kg	6800	-	-	ND (1.8)	ND (1.8)	ND (1.8)	ND (2.0)	ND (1.8)
alpha-Chlordane	µg/kg	47000	-	-	4.0 J	ND (1.8)	ND (1.8)	ND (2.0)	ND (1.8)
beta-BHC	µg/kg	14000	-	-	ND (1.8)	ND (1.8)	ND (1.8)	ND (2.0)	ND (1.8)
delta-BHC	µg/kg	1000000	-	-	ND (1.8)	ND (1.8)	ND (1.8)	ND (2.0)	ND (1.8)
Dieldrin	µg/kg	2800	-	-	ND (3.6)	ND (3.5)	ND (3.5)	ND (3.9)	ND (3.5)
Endosulfan I	µg/kg	920000	-	-	ND (3.6)	ND (1.8)	ND (1.8)	ND (2.0)	ND (1.8)
Endosulfan II	µg/kg	920000	-	-	0.96 J	ND (3.5)	ND (3.5)	ND (3.9)	ND (3.5)
Endosulfan sulfate	µg/kg	920000	-	-	ND (3.6)	ND (3.5)	ND (3.5)	ND (3.9)	ND (3.5)
Endrin	µg/kg	410000	-	-	ND (3.6)	ND (3.5)	ND (3.5)	ND (3.9)	ND (3.5)
Endrin aldehyde	µg/kg	-	-	-	ND (3.6)	ND (3.5)	ND (3.5)	ND (3.9)	ND (3.5)
Endrin ketone	µg/kg	-	-	-	ND (3.6)	ND (3.5)	ND (3.5)	ND (3.9)	ND (3.5)
gamma-BHC (lindane)	µg/kg	23000	-	-	ND (1.8)	ND (1.8)	ND (1.8)	ND (2.0)	ND (1.8) J
gamma-Chlordane	µg/kg	-	-	-	3.4 J	ND (1.8)	ND (1.8)	ND (2.0)	ND (1.8)
Heptachlor	µg/kg	29000	-	-	ND (1.8)	ND (1.8)	ND (1.8)	ND (2.0)	ND (1.8)
Heptachlor epoxide	µg/kg	-	-	-	ND (1.8)	ND (1.8)	ND (1.8)	ND (2.0)	ND (1.8)
Methoxychlor	µg/kg	-	-	-	ND (18)	ND (18)	ND (18)	ND (20)	ND (18)
Toxaphene	µg/kg	-	-	-	ND (180)	ND (180)	ND (180)	ND (200)	ND (180)
Petroleum Hydrocarbons									
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	4000000	211000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OU-6-Boring 1*	*OU-6-Boring 1*	*OW8-99*	*OW8-99*	*OW8-99*	*OW8-99*	*OW9-99*
Sample ID:			*S-2939-062703-SW-077*	*S-2939-062703-SW-078*	*S-JRR-014*	*S-JRR-015*	*S-JRR-016*	*S-JRR-017*	*S-JRR-007*
Sample Date:			*6/27/2003*	*6/27/2003*	*8/2/1999*	*8/2/1999*	*8/2/1999*	*8/2/1999*	*7/29/1999*
Sample Depth:			*4-6 ft BGS*	*13-15 ft BGS*	*1.5-2.5 ft BGS*	*3.5-5.5 ft BGS*	*9.5-11.5 ft BGS*	*9.5-11.5 ft BGS*	*2-4 ft BGS*
		RUSCO						*Duplicate*	
Parameter	*Units*	*Criteria*							
General Chemistry									
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	ND (540)	ND (530)	ND (530)	ND (600)	ND (530)
N-Hexane extractable material	µg/kg	-	-	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-	-
Percent moisture	%	-	5.8	14.2	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OW9-99*	*OW10-99*	*OW10-99*	*OW10-99*	*OW11-99*	*OW11-99*	*OW12-99*	*OW12-99*
Sample ID:			*S-JRR-008*	*S-JRR-003*	*S-JRR-004*	*S-JRR-005*	*S-JRR-020*	*S-JRR-021*	*S-JRR-011*	*S-JRR-012*
Sample Date:			*7/29/1999*	*7/29/1999*	*7/29/1999*	*7/29/1999*	*8/3/1999*	*8/3/1999*	*7/30/1999*	*7/30/1999*
Sample Depth:			*8-10 ft BGS*	*2.5-4.5 ft BGS*	*8.5-10.5 ft BGS*	*14.5-16.5 ft BGS*	*2.4-4.4 ft BGS*	*8.4-10.4 ft BGS*	*2-4 ft BGS*	*8-10 ft BGS*
Parameter	*Units*	*RUSCO Criteria*								
Volatiles										
1,1,1-Trichloroethane	µg/kg	1000000	ND (11)	ND (11)	ND (12)	ND (12)	ND (15)	ND (14)	ND (11)	ND (10)
1,1,2,2-Tetrachloroethane	µg/kg	-	ND (11)	ND (11)	ND (12)	ND (12)	ND (15)	ND (14)	ND (11)	ND (10)
1,1,2-Trichloroethane	µg/kg	-	ND (11)	ND (11)	ND (12)	ND (12)	ND (15)	ND (14)	ND (11)	ND (10)
1,1-Dichloroethane	µg/kg	480000	ND (11)	ND (11)	ND (12)	8 J	ND (15)	ND (14)	ND (11)	ND (10)
1,1-Dichloroethene	µg/kg	1000000	ND (11)	ND (11)	ND (12)	ND (12)	ND (15)	ND (14)	ND (11)	ND (10)
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	ND (11)	ND (11)	ND (12)	ND (12)	ND (15)	ND (14)	ND (11)	ND (10)
1,2-Dichloroethene (total)	µg/kg	-	ND (11)	ND (11)	ND (12)	ND (12)	ND (15)	ND (14)	ND (11)	ND (10)
1,2-Dichloropropane	µg/kg	-	ND (11)	ND (11)	ND (12)	ND (12)	ND (15)	ND (14)	ND (11)	ND (10)
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	ND (11)	ND (11)	4 J	240 J	18	ND (14)	ND (11)	ND (10)
2-Hexanone	µg/kg	-	ND (11)	ND (11)	ND (12)	ND (12)	ND (15)	ND (14)	ND (11)	ND (10)
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	ND (11)	ND (11)	ND (12)	ND (12)	ND (15)	ND (14)	ND (11)	ND (10)
Acetone	µg/kg	1000000	2 J	ND (11)	ND (19)	520	52	4 J	2 J	2 J
Benzene	µg/kg	89000	ND (11)	ND (11)	ND (12)	ND (12)	ND (15)	ND (14)	ND (11)	ND (10)
Bromodichloromethane	µg/kg	-	ND (11)	ND (11)	ND (12)	ND (12)	ND (15)	ND (14)	ND (11)	ND (10)
Bromoform	µg/kg	-	ND (11)	ND (11)	ND (12)	ND (12)	ND (15)	ND (14)	ND (11)	ND (10)
Bromomethane (Methyl bromide)	µg/kg	-	ND (11)	ND (11)	ND (12)	ND (12)	ND (15)	ND (14)	ND (11)	ND (10)
Carbon disulfide	µg/kg	-	ND (11)	ND (11)	1 J	18 J	8 J	2 J	ND (11)	ND (10)
Carbon tetrachloride	µg/kg	44000	ND (11)	ND (11)	ND (12)	ND (12)	ND (15)	ND (14)	ND (11)	ND (10)
Chlorobenzene	µg/kg	1000000	ND (11)	ND (11)	ND (12)	ND (12)	ND (15)	ND (14)	ND (11)	ND (10)
Chloroethane	µg/kg	-	ND (11)	ND (11)	ND (12)	ND (12)	ND (15)	ND (14)	ND (11)	ND (10)
Chloroform (Trichloromethane)	µg/kg	700000	ND (11)	ND (11)	ND (12)	ND (12)	ND (15)	ND (14)	ND (11)	ND (10)
Chloromethane (Methyl chloride)	µg/kg	-	ND (11)	ND (11)	ND (12)	ND (12)	ND (15)	ND (14)	ND (11)	ND (10)
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	ND (11)	ND (11)	ND (12)	ND (12)	ND (15)	ND (14)	ND (11)	ND (10)
Cyclohexane	µg/kg	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	ND (11)	ND (11)	ND (12)	ND (12)	ND (15)	ND (14)	ND (11)	ND (10)
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	ND (11)	ND (11)	ND (12)	ND (12)	2 J	ND (14)	ND (11)	ND (10)
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OW9-99*	*OW10-99*	*OW10-99*	*OW10-99*	*OW11-99*	*OW11-99*	*OW12-99*	*OW12-99*
Sample ID:			*S-JRR-008*	*S-JRR-003*	*S-JRR-004*	*S-JRR-005*	*S-JRR-020*	*S-JRR-021*	*S-JRR-011*	*S-JRR-012*
Sample Date:			*7/29/1999*	*7/29/1999*	*7/29/1999*	*7/29/1999*	*8/3/1999*	*8/3/1999*	*7/30/1999*	*7/30/1999*
Sample Depth:			*8-10 ft BGS*	*2.5-4.5 ft BGS*	*8.5-10.5 ft BGS*	*14.5-16.5 ft BGS*	*2.4-4.4 ft BGS*	*8.4-10.4 ft BGS*	*2-4 ft BGS*	*8-10 ft BGS*
Parameter	*Units*	*RUSCO Criteria*								
m&p-Xylenes	µg/kg	-	-	-	-	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	ND (11)	ND (11)	ND (12)	ND (12)	ND (15)	ND (14)	ND (11)	ND (10)
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-	-	-
Styrene	µg/kg	-	ND (11)	ND (11)	ND (12)	ND (12)	ND (15)	ND (14)	ND (11)	ND (10)
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	ND (11)	ND (11)	ND (12)	ND (12)	ND (15)	ND (14)	ND (11)	ND (10)
Toluene	µg/kg	1000000	ND (11)	ND (11)	ND (12)	3 J	ND (15)	2 J	ND (11)	1 J
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	ND (11)	ND (11)	ND (12)	ND (12)	ND (15)	ND (14)	ND (11)	ND (10)
Trichloroethene	µg/kg	400000	ND (11)	ND (11)	ND (12)	ND (12)	ND (15)	ND (14)	ND (11)	ND (10)
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	ND (11)	ND (11)	ND (12)	ND (12)	ND (15)	ND (14)	ND (11)	ND (10)
Xylenes (total)	µg/kg	1000000	ND (11)	ND (11)	ND (12)	ND (12)	ND (15)	ND (14)	ND (11)	ND (10)
Semi-Volatiles										
1,2,4-Trichlorobenzene	µg/kg	-	ND (360)	ND (370)	ND (400)	ND (400)	ND (1000)	ND (470)	ND (360)	ND (350)
1,2-Dichlorobenzene	µg/kg	1000000	ND (360)	ND (370)	ND (400)	ND (400)	ND (1000)	ND (470)	ND (360)	ND (350)
1,3-Dichlorobenzene	µg/kg	560000	ND (360)	ND (370)	ND (400)	ND (400)	ND (1000)	ND (470)	ND (360)	ND (350)
1,4-Dichlorobenzene	µg/kg	250000	ND (360)	ND (370)	ND (400)	ND (400)	ND (1000)	ND (470)	ND (360)	ND (350)
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	ND (360)	ND (370)	ND (400)	ND (400)	ND (1000)	ND (470)	ND (360)	ND (350)
2,4,5-Trichlorophenol	µg/kg	-	ND (910)	ND (930)	ND (1000)	ND (1000)	ND (2500)	ND (1200)	ND (910)	ND (870)
2,4,6-Trichlorophenol	µg/kg	-	ND (360)	ND (370)	ND (400)	ND (400)	ND (1000)	ND (470)	ND (360)	ND (350)
2,4-Dichlorophenol	µg/kg	-	ND (360)	ND (370)	ND (400)	ND (400)	ND (1000)	ND (470)	ND (360)	ND (350)
2,4-Dimethylphenol	µg/kg	-	ND (360)	ND (370)	ND (400)	ND (400)	ND (1000)	ND (470)	ND (360)	ND (350)
2,4-Dinitrophenol	µg/kg	-	ND (910)	ND (930)	ND (1000)	ND (1000)	ND (2500)	ND (1200)	ND (910)	ND (870)
2,4-Dinitrotoluene	µg/kg	-	ND (360)	ND (370)	ND (400)	ND (400)	ND (1000)	ND (470)	ND (360)	ND (350)
2,6-Dinitrotoluene	µg/kg	-	ND (360)	ND (370)	ND (400)	ND (400)	ND (1000)	ND (470)	ND (360)	ND (350)
2-Chloronaphthalene	µg/kg	-	ND (360)	ND (370)	ND (400)	ND (400)	ND (1000)	ND (470)	ND (360)	ND (350)
2-Chlorophenol	µg/kg	-	ND (360)	ND (370)	ND (400)	ND (400)	ND (1000)	ND (470)	ND (360)	ND (350)
2-Methylnaphthalene	µg/kg	-	ND (360)	ND (370)	110 J	ND (400)	150 J	150 J	ND (360)	ND (350)
2-Methylphenol	µg/kg	1000000	ND (360)	ND (370)	ND (400)	ND (400)	ND (1000)	ND (470)	ND (360)	ND (350)
2-Nitroaniline	µg/kg	-	ND (910)	ND (930)	ND (1000)	ND (1000)	ND (2500)	ND (1200)	ND (910)	ND (870)
2-Nitrophenol	µg/kg	-	ND (360)	ND (370)	ND (400)	ND (400)	ND (1000)	ND (470)	ND (360)	ND (350)
3,3'-Dichlorobenzidine	µg/kg	-	ND (360)	ND (370)	ND (400)	ND (400)	ND (1000)	ND (470)	ND (360)	ND (350)

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OW9-99*	*OW10-99*	*OW10-99*	*OW10-99*	*OW11-99*	*OW11-99*	*OW12-99*	*OW12-99*
Sample ID:			*S-JRR-008*	*S-JRR-003*	*S-JRR-004*	*S-JRR-005*	*S-JRR-020*	*S-JRR-021*	*S-JRR-011*	*S-JRR-012*
Sample Date:			*7/29/1999*	*7/29/1999*	*7/29/1999*	*7/29/1999*	*8/3/1999*	*8/3/1999*	*7/30/1999*	*7/30/1999*
Sample Depth:			*8-10 ft BGS*	*2.5-4.5 ft BGS*	*8.5-10.5 ft BGS*	*14.5-16.5 ft BGS*	*2.4-4.4 ft BGS*	*8.4-10.4 ft BGS*	*2-4 ft BGS*	*8-10 ft BGS*
Parameter	*Units*	*RUSCO Criteria*								
3-Nitroaniline	µg/kg	-	ND (910)	ND (930)	ND (1000)	ND (1000)	ND (2500)	ND (1200)	ND (910)	ND (870)
4,6-Dinitro-2-methylphenol	µg/kg	-	ND (910)	ND (930)	ND (1000)	ND (1000)	ND (2500)	ND (1200)	ND (910)	ND (870)
4-Bromophenyl phenyl ether	µg/kg	-	ND (360)	ND (370)	ND (400)	ND (400)	ND (1000)	ND (470)	ND (360)	ND (350)
4-Chloro-3-methylphenol	µg/kg	-	ND (360)	ND (370)	ND (400)	ND (400)	ND (1000)	ND (470)	ND (360)	ND (350)
4-Chloroaniline	µg/kg	-	ND (360)	ND (370)	ND (400)	ND (400)	ND (1000)	ND (470)	ND (360)	ND (350)
4-Chlorophenyl phenyl ether	µg/kg	-	ND (360)	ND (370)	ND (400)	ND (400)	ND (1000)	ND (470)	ND (360)	ND (350)
4-Methylphenol	µg/kg	1000000	ND (360)	ND (370)	ND (400)	ND (400)	ND (1000)	ND (470)	ND (360)	ND (350)
4-Nitroaniline	µg/kg	-	ND (910)	ND (930)	ND (1000)	ND (1000)	ND (2500)	ND (1200)	ND (910)	ND (870)
4-Nitrophenol	µg/kg	-	ND (910)	ND (930)	ND (1000)	ND (1000)	ND (2500)	ND (1200)	ND (910)	ND (870)
Acenaphthene	µg/kg	1000000	ND (360)	ND (370)	330 J	ND (400)	120 J	75 J	ND (360)	ND (350)
Acenaphthylene	µg/kg	1000000	ND (360)	ND (370)	ND (400)	ND (400)	ND (1000)	ND (470)	73 J	ND (350)
Acetophenone	µg/kg	-	-	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	ND (360)	ND (370)	390 J	44 J	430 J	210 J	53 J	ND (350)
Atrazine	µg/kg	-	-	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	ND (360)	180 J	630	78 J	1200	750	170 J	ND (350)
Benzo(a)pyrene	µg/kg	1100	ND (360)	140 J	380 J	53 J	1100	530	160 J	ND (350)
Benzo(b)fluoranthene	µg/kg	11000	ND (360)	170 J	360 J	57 J	1200	580	160 J	ND (350)
Benzo(g,h,i)perylene	µg/kg	1000000	ND (360)	110 J	220 J	ND (400)	690 J	520	140 J	ND (350)
Benzo(k)fluoranthene	µg/kg	110000	ND (360)	120 J	330 J	47 J	820 J	460 J	130 J	ND (350)
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	ND (360)	ND (370)	ND (400)	ND (400)	ND (1000)	ND (470)	ND (360)	ND (350)
bis(2-Chloroethyl)ether	µg/kg	-	ND (360)	ND (370)	ND (400)	ND (400)	ND (1000)	ND (470)	ND (360)	ND (350)
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	ND (360)	ND (370)	ND (400)	ND (400)	ND (1000)	ND (470)	ND (360)	ND (350)
Butyl benzylphthalate (BBP)	µg/kg	-	ND (360)	ND (370)	ND (400)	ND (400)	ND (1000)	ND (470)	ND (360)	ND (350)
Caprolactam	µg/kg	-	-	-	-	-	-	-	-	-
Carbazole	µg/kg	-	ND (360)	ND (370)	130 J	ND (400)	220 J	98 J	ND (360)	ND (350)
Chrysene	µg/kg	110000	ND (360)	180 J	510	75 J	1500	900	160 J	ND (350)
Dibenz(a,h)anthracene	µg/kg	1100	ND (360)	ND (370) J	ND (400)	ND (400)	ND (1000)	ND (470)	ND (360)	ND (350)
Dibenzofuran	µg/kg	1000000	ND (360)	ND (370)	280 J	ND (400)	170 J	66 J	ND (360)	ND (350)
Diethyl phthalate	µg/kg	-	ND (360)	ND (370)	ND (400)	ND (400)	ND (1000)	ND (470)	ND (360)	ND (350)
Dimethyl phthalate	µg/kg	-	ND (360)	ND (370)	ND (400)	ND (400)	ND (1000)	ND (470)	ND (360)	ND (350)
Di-n-butylphthalate (DBP)	µg/kg	-	ND (360)	ND (370)	ND (400)	ND (400)	ND (1000)	ND (470)	ND (360)	ND (350)
Di-n-octyl phthalate (DnOP)	µg/kg	-	ND (360)	ND (370)	ND (400)	ND (400)	ND (1000)	ND (470)	ND (360)	ND (350)
Fluoranthene	µg/kg	1000000	ND (360)	280 J	1300	200 J	2200	950	230 J	ND (350)
Fluorene	µg/kg	1000000	ND (360)	ND (370)	420	41 J	ND (1000)	95 J	ND (360)	ND (350)
Hexachlorobenzene	µg/kg	12000	ND (360)	ND (370)	ND (400)	ND (400)	ND (1000)	ND (470)	ND (360)	ND (350)
Hexachlorobutadiene	µg/kg	-	ND (360)	ND (370)	ND (400)	ND (400)	ND (1000)	ND (470)	ND (360)	ND (350)
Hexachlorocyclopentadiene	µg/kg	-	ND (360)	ND (370)	ND (400)	ND (400)	ND (1000)	ND (470)	ND (360)	ND (350)
Hexachloroethane	µg/kg	-	ND (360)	ND (370)	ND (400)	ND (400)	ND (1000)	ND (470)	ND (360)	ND (350)
Indeno(1,2,3-cd)pyrene	µg/kg	11000	ND (360)	100 J	220 J	ND (400)	620 J	480	130 J	ND (350)

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OW9-99*	*OW10-99*	*OW10-99*	*OW10-99*	*OW11-99*	*OW11-99*	*OW12-99*	*OW12-99*
Sample ID:			*S-JRR-008*	*S-JRR-003*	*S-JRR-004*	*S-JRR-005*	*S-JRR-020*	*S-JRR-021*	*S-JRR-011*	*S-JRR-012*
Sample Date:			*7/29/1999*	*7/29/1999*	*7/29/1999*	*7/29/1999*	*8/3/1999*	*8/3/1999*	*7/30/1999*	*7/30/1999*
Sample Depth:			*8-10 ft BGS*	*2.5-4.5 ft BGS*	*8.5-10.5 ft BGS*	*14.5-16.5 ft BGS*	*2.4-4.4 ft BGS*	*8.4-10.4 ft BGS*	*2-4 ft BGS*	*8-10 ft BGS*
Parameter	*Units*	*RUSCO Criteria*								
Isophorone	µg/kg	-	ND (360)	ND (370)	ND (400)	ND (400)	ND (1000)	ND (470)	ND (360)	ND (350)
Naphthalene	µg/kg	1000000	ND (360)	ND (370)	140 J	ND (400)	210 J	110 J	39 J	ND (350)
Nitrobenzene	µg/kg	140000	ND (360)	ND (370)	ND (400)	ND (400)	ND (1000)	ND (470)	ND (360)	ND (350)
N-Nitrosodi-n-propylamine	µg/kg	-	ND (360)	ND (370)	ND (400)	ND (400)	ND (1000)	ND (470)	ND (360)	ND (350)
N-Nitrosodiphenylamine	µg/kg	-	ND (360)	ND (370)	ND (400)	ND (400)	480 J	ND (470)	ND (360)	ND (350)
Pentachlorophenol	µg/kg	55000	ND (910)	ND (930)	ND (1000)	ND (1000)	ND (2500)	ND (1200)	ND (910)	ND (870)
Phenanthrene	µg/kg	1000000	ND (360)	140 J	1700	220 J	1900	1100	110 J	ND (350)
Phenol	µg/kg	1000000	ND (360)	ND (370)	ND (400)	ND (400)	ND (1000)	ND (470)	ND (360)	ND (350)
Pyrene	µg/kg	1000000	ND (360)	230 J	1000	150 J	2100	570	230 J	ND (350)
Metals										
Aluminum	µg/kg	-	4380000	4270000	12900000	7260000	8270000	1700000	8020000	7710000
Antimony	µg/kg	-	ND (1400) J	3000 J	ND (1700) J	ND (1700) J	83700 J	41100 J	ND (1600) J	ND (1500) J
Arsenic	µg/kg	16000	1700	11700	**19600**	5400	**500000**	**128000**	4100	2900
Barium	µg/kg	10000000	22300	66000	65800	20800	184000	57200	51600	49600
Beryllium	µg/kg	2700000	220	290	420	310	440	160	460	330
Cadmium	µg/kg	60000	210	300	3000	1100	4300	2100	ND (65)	ND (62)
Calcium	µg/kg	-	702000	2150000	1290000	1820000	8550000	14500000	1930000	3570000
Chromium	µg/kg	-	8700	11400	24300	13900	55200 J	7400 J	22700	25400
Cobalt	µg/kg	-	4400	18800	9900	7800	36900	51800	8900	8700
Copper	µg/kg	10000000	269000	339000	795000	346000	7190000 J	1050000 J	67200	61400
Iron	µg/kg	-	8250000 J	16700000 J	27200000 J	18900000 J	32200000	34100000	18800000 J	22500000 J
Lead	µg/kg	3900000	30600	97900	131000	65600	3580000	**11800000**	29900	9900
Magnesium	µg/kg	-	1830000	2550000	2620000	2470000	2780000	465000	2600000	3570000
Manganese	µg/kg	10000000	263000	308000	121000	152000	196000	66200	336000	344000
Mercury	µg/kg	5700	ND (45)	60	2000	ND (55)	2400 J	**47500 J**	ND (52)	ND (52)
Nickel	µg/kg	10000000	21700 J	25500 J	14600 J	17000 J	877000	690000	14600 J	14400 J
Potassium	µg/kg	-	498000 J	878000 J	969000 J	1150000 J	1760000 J	643000 J	1250000 J	1590000 J
Selenium	µg/kg	6800000	930 J	4000 J	1900 J	1500 J	46600	132000	1500 J	ND (770) J
Silver	µg/kg	6800000	200	980	1200	710	15200	5800	360	130
Sodium	µg/kg	-	46200	118000	92400	283000	580000	1380000	120000	567000
Thallium	µg/kg	-	ND (1500)	ND (2500)	ND (2900)	ND (1900)	ND (3200)	ND (3200)	ND (2400)	ND (2400)
Vanadium	µg/kg	-	11300	16700	45500	22000	37000	20900	36900	53700
Zinc	µg/kg	10000000	67900 J	319000 J	683000 J	262000 J	880000	540000	61900 J	85700 J

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OW9-99*	*OW10-99*	*OW10-99*	*OW10-99*	*OW11-99*	*OW11-99*	*OW12-99*	*OW12-99*
Sample ID:			*S-JRR-008*	*S-JRR-003*	*S-JRR-004*	*S-JRR-005*	*S-JRR-020*	*S-JRR-021*	*S-JRR-011*	*S-JRR-012*
Sample Date:			*7/29/1999*	*7/29/1999*	*7/29/1999*	*7/29/1999*	*8/3/1999*	*8/3/1999*	*7/30/1999*	*7/30/1999*
Sample Depth:			*8-10 ft BGS*	*2.5-4.5 ft BGS*	*8.5-10.5 ft BGS*	*14.5-16.5 ft BGS*	*2.4-4.4 ft BGS*	*8.4-10.4 ft BGS*	*2-4 ft BGS*	*8-10 ft BGS*
Parameter	*Units*	*RUSCO Criteria*								
PCBs										
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (36)	ND (37)	ND (39)	ND (40)	ND (250)	ND (46)	ND (36)	ND (34)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (73)	ND (75)	ND (80)	ND (81)	ND (510)	ND (94)	ND (73)	ND (70)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (36)	ND (37)	ND (39)	ND (40)	ND (250)	ND (46)	ND (36)	ND (34)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (36)	ND (37)	ND (39)	ND (40)	ND (250)	ND (46)	ND (36)	ND (34)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (36)	ND (37)	ND (39)	ND (40)	ND (250)	ND (46)	ND (36)	ND (34)
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (36)	ND (37)	ND (39)	ND (40)	3500	680	ND (36)	ND (34)
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (36)	ND (37)	ND (39)	ND (40)	ND (250)	ND (46)	ND (36)	ND (34)
Total PCBs	µg/kg	-	ND	ND	ND	ND	3500	680	ND	ND
Pesticides										
4,4'-DDD	µg/kg	180000	ND (3.6)	ND (3.7)	ND (3.9)	ND (4.0)	ND (25)	ND (4.6)	ND (3.6)	ND (3.4)
4,4'-DDE	µg/kg	120000	ND (3.6)	ND (3.7)	ND (3.9)	ND (4.0)	16 J	ND (4.6)	ND (3.6)	ND (3.4)
4,4'-DDT	µg/kg	94000	ND (3.6)	ND (3.7)	ND (3.9)	ND (4.0)	ND (25)	ND (4.6)	ND (3.6)	ND (3.4)
Aldrin	µg/kg	1400	ND (1.8)	ND (1.9)	ND (2.0)	ND (2.0)	ND (13)	ND (2.4)	ND (1.8)	ND (1.8)
alpha-BHC	µg/kg	6800	ND (1.8)	ND (1.9)	ND (2.0)	ND (2.0)	ND (13)	ND (2.4)	ND (1.8)	ND (1.8)
alpha-Chlordane	µg/kg	47000	ND (1.8)	ND (1.9)	ND (2.0)	ND (2.0)	ND (13)	ND (2.4)	ND (1.8)	ND (1.8)
beta-BHC	µg/kg	14000	ND (1.8)	ND (1.9)	ND (2.0)	ND (2.0)	ND (13)	ND (2.4)	ND (1.8)	ND (1.8)
delta-BHC	µg/kg	1000000	ND (1.8)	ND (1.9)	ND (2.0)	ND (2.0)	ND (13)	ND (2.4)	ND (1.8)	ND (1.8)
Dieldrin	µg/kg	2800	ND (3.6)	ND (3.7)	ND (3.9)	ND (4.0)	37	7.8	ND (3.6)	ND (3.4)
Endosulfan I	µg/kg	920000	ND (1.8)	ND (1.9)	ND (2.0)	ND (2.0)	ND (13)	ND (2.4)	ND (1.8)	ND (1.8)
Endosulfan II	µg/kg	920000	ND (3.6)	ND (3.7)	ND (3.9)	ND (4.0)	ND (25)	ND (4.6)	ND (3.6)	ND (3.4)
Endosulfan sulfate	µg/kg	920000	ND (3.6)	ND (3.7)	ND (3.9)	ND (4.0)	ND (25)	ND (4.6)	ND (3.6)	ND (3.4)
Endrin	µg/kg	410000	ND (3.6)	ND (3.7)	ND (3.9)	ND (4.0)	ND (25)	ND (4.6)	ND (3.6)	ND (3.4)
Endrin aldehyde	µg/kg	-	ND (3.6)	ND (3.7)	ND (3.9)	ND (4.0)	22 J	ND (4.6)	ND (3.6)	ND (3.4)
Endrin ketone	µg/kg	-	ND (3.6)	ND (3.7)	ND (3.9)	ND (4.0)	17 J	5.3 J	ND (3.6)	ND (3.4)
gamma-BHC (lindane)	µg/kg	23000	ND (1.8)	ND (1.9)	ND (2.0)	ND (2.0)	ND (13)	ND (2.4)	ND (1.8)	ND (1.8)
gamma-Chlordane	µg/kg	-	ND (1.8)	ND (1.9)	ND (2.0)	ND (2.0)	ND (13)	ND (2.4)	ND (1.8)	ND (1.8)
Heptachlor	µg/kg	29000	ND (1.8)	ND (1.9)	ND (2.0)	ND (2.0)	ND (13)	ND (2.4)	ND (1.8)	ND (1.8)
Heptachlor epoxide	µg/kg	-	ND (1.8)	ND (1.9)	ND (2.0)	ND (2.0)	ND (13)	ND (2.4)	ND (1.8)	ND (1.8)
Methoxychlor	µg/kg	-	ND (18)	ND (19)	ND (20)	ND (20)	ND (130)	ND (24)	ND (18)	ND (18)
Toxaphene	µg/kg	-	ND (180)	ND (190)	ND (200)	ND (200)	ND (1300)	ND (240)	ND (180)	ND (180)
Petroleum Hydrocarbons										
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OW9-99*	*OW10-99*	*OW10-99*	*OW10-99*	*OW11-99*	*OW11-99*	*OW12-99*	*OW12-99*
Sample ID:			*S-JRR-008*	*S-JRR-003*	*S-JRR-004*	*S-JRR-005*	*S-JRR-020*	*S-JRR-021*	*S-JRR-011*	*S-JRR-012*
Sample Date:			*7/29/1999*	*7/29/1999*	*7/29/1999*	*7/29/1999*	*8/3/1999*	*8/3/1999*	*7/30/1999*	*7/30/1999*
Sample Depth:			*8-10 ft BGS*	*2.5-4.5 ft BGS*	*8.5-10.5 ft BGS*	*14.5-16.5 ft BGS*	*2.4-4.4 ft BGS*	*8.4-10.4 ft BGS*	*2-4 ft BGS*	*8-10 ft BGS*
Parameter	*Units*	*RUSCO Criteria*								
General Chemistry										
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	ND (500)	ND (560)	ND (600)	ND (600)	-	-	ND (550)	ND (520)
N-Hexane extractable material	µg/kg	-	-	-	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OW13-00*	*OW13-00*	*OW13-00*	*OW14-00*	*OW14-00*	*OW14-00*	*OW15-00*	*OW15-00*
Sample ID:			*S-MEJ-400*	*S-MEJ-401*	*S-MEJ-402*	*S-AMD-441*	*S-AMD-442*	*S-AMD-443*	*S-MEJ-427*	*S-MEJ-428*
Sample Date:			*9/5/2000*	*9/5/2000*	*9/5/2000*	*9/8/2000*	*9/8/2000*	*9/8/2000*	*9/6/2000*	*9/6/2000*
Sample Depth:			*2-3 ft BGS*	*4-6 ft BGS*	*10-12 ft BGS*	*2-3 ft BGS*	*4-6 ft BGS*	*10-12 ft BGS*	*2-4 ft BGS*	*8-10 ft BGS*
Parameter	*Units*	*RUSCO Criteria*								
Volatiles										
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OW13-00*	*OW13-00*	*OW13-00*	*OW14-00*	*OW14-00*	*OW14-00*	*OW15-00*	*OW15-00*
Sample ID:			*S-MEJ-400*	*S-MEJ-401*	*S-MEJ-402*	*S-AMD-441*	*S-AMD-442*	*S-AMD-443*	*S-MEJ-427*	*S-MEJ-428*
Sample Date:			*9/5/2000*	*9/5/2000*	*9/5/2000*	*9/8/2000*	*9/8/2000*	*9/8/2000*	*9/6/2000*	*9/6/2000*
Sample Depth:			*2-3 ft BGS*	*4-6 ft BGS*	*10-12 ft BGS*	*2-3 ft BGS*	*4-6 ft BGS*	*10-12 ft BGS*	*2-4 ft BGS*	*8-10 ft BGS*
Parameter	*Units*	*RUSCO Criteria*								
m&p-Xylenes	µg/kg	-	-	-	-	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-	-	-	-
Semi-Volatiles										
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OW13-00*	*OW13-00*	*OW13-00*	*OW14-00*	*OW14-00*	*OW14-00*	*OW15-00*	*OW15-00*
Sample ID:			*S-MEJ-400*	*S-MEJ-401*	*S-MEJ-402*	*S-AMD-441*	*S-AMD-442*	*S-AMD-443*	*S-MEJ-427*	*S-MEJ-428*
Sample Date:			*9/5/2000*	*9/5/2000*	*9/5/2000*	*9/8/2000*	*9/8/2000*	*9/8/2000*	*9/6/2000*	*9/6/2000*
Sample Depth:			*2-3 ft BGS*	*4-6 ft BGS*	*10-12 ft BGS*	*2-3 ft BGS*	*4-6 ft BGS*	*10-12 ft BGS*	*2-4 ft BGS*	*8-10 ft BGS*
Parameter	*Units*	*RUSCO Criteria*								
3-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OW13-00*	*OW13-00*	*OW13-00*	*OW14-00*	*OW14-00*	*OW14-00*	*OW15-00*	*OW15-00*
Sample ID:			*S-MEJ-400*	*S-MEJ-401*	*S-MEJ-402*	*S-AMD-441*	*S-AMD-442*	*S-AMD-443*	*S-MEJ-427*	*S-MEJ-428*
Sample Date:			*9/5/2000*	*9/5/2000*	*9/5/2000*	*9/8/2000*	*9/8/2000*	*9/8/2000*	*9/6/2000*	*9/6/2000*
Sample Depth:			*2-3 ft BGS*	*4-6 ft BGS*	*10-12 ft BGS*	*2-3 ft BGS*	*4-6 ft BGS*	*10-12 ft BGS*	*2-4 ft BGS*	*8-10 ft BGS*
Parameter	*Units*	*RUSCO Criteria*								
Isophorone	µg/kg	-	-	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-	-	-	-
Metals										
Aluminum	µg/kg	-	14500000	15800000	975000	4520000	417000	1750000	3500000	921000
Antimony	µg/kg	-	11500 J	15200 J	33800 J	618000 J	115000 J	2700 J	15000 J	1500 J
Arsenic	µg/kg	16000	6000 J	**21800 J**	**131000 J**	**3670000**	**1780000**	**1230000**	**66300**	**102000**
Barium	µg/kg	10000000	285000	485000	296000	81800 J	143000 J	45100 J	148000	64400
Beryllium	µg/kg	2700000	1400	2300	89	230	32	60	350	120
Cadmium	µg/kg	60000	ND (2000)	ND (1300)	12500	660	150	100	660	ND (50)
Calcium	µg/kg	-	6410000	7390000	1030000	18400000	351000	304000	19300000	286000
Chromium	µg/kg	-	1220000	1330000	5400	18000	3800	13600	13300	4000
Cobalt	µg/kg	-	186000	285000	4600	10000	2000	2400	20100	3600
Copper	µg/kg	10000000	5330000	5440000	1990000	**10300000**	225000	1400000	1620000	234000
Iron	µg/kg	-	326000000	338000000	13300000	32400000	4020000	8170000	26600000	14200000
Lead	µg/kg	3900000	1340000	3020000	**17100000**	2170000	291000	40000	385000 J	144000 J
Magnesium	µg/kg	-	8980000	8420000	103000	1890000	43600	440000	10200000	102000
Manganese	µg/kg	10000000	2120000	2530000	13400	161000	5000	37600	143000 J	14700 J
Mercury	µg/kg	5700	430 J	1900 J	**9200 J**	1200 J	100 J	ND (62)	2200	**15700**
Nickel	µg/kg	10000000	53600	77400	16300	695000	11200	33300	39200	3600
Potassium	µg/kg	-	4410000	4250000	385000	491000	80300	521000	790000	356000
Selenium	µg/kg	6800000	122500	19700	172000	435000	107000	195000	10200 J	40500 J
Silver	µg/kg	6800000	2300 J	4600 J	13100 J	133000	9500	ND (460)	7500 J	1500 J
Sodium	µg/kg	-	4840000	5650000	326000	294000	126000	65200	462000	325000
Thallium	µg/kg	-	26000	34000	1400	3700 J	330 J	510 J	3300	1600
Vanadium	µg/kg	-	36000	49700	3700	15800	3900	14900	24000	16900
Zinc	µg/kg	10000000	**25600000**	**32100000**	2300000	202000	56200	17100	905000	8700

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OW13-00*	*OW13-00*	*OW13-00*	*OW14-00*	*OW14-00*	*OW14-00*	*OW15-00*	*OW15-00*
Sample ID:			*S-MEJ-400*	*S-MEJ-401*	*S-MEJ-402*	*S-AMD-441*	*S-AMD-442*	*S-AMD-443*	*S-MEJ-427*	*S-MEJ-428*
Sample Date:			*9/5/2000*	*9/5/2000*	*9/5/2000*	*9/8/2000*	*9/8/2000*	*9/8/2000*	*9/6/2000*	*9/6/2000*
Sample Depth:			*2-3 ft BGS*	*4-6 ft BGS*	*10-12 ft BGS*	*2-3 ft BGS*	*4-6 ft BGS*	*10-12 ft BGS*	*2-4 ft BGS*	*8-10 ft BGS*
Parameter	*Units*	*RUSCO Criteria*								
PCBs										
Aroclor-1016 (PCB-1016)	µg/kg	-	-	-	-	ND (360)	ND (36)	-	ND (37)	ND (42)
Aroclor-1221 (PCB-1221)	µg/kg	-	-	-	-	ND (730)	ND (73)	-	ND (74)	ND (84)
Aroclor-1232 (PCB-1232)	µg/kg	-	-	-	-	ND (360)	ND (36)	-	ND (37)	ND (42)
Aroclor-1242 (PCB-1242)	µg/kg	-	-	-	-	ND (360)	ND (36)	-	ND (37)	ND (42)
Aroclor-1248 (PCB-1248)	µg/kg	-	-	-	-	ND (360)	ND (36)	-	ND (37)	ND (42)
Aroclor-1254 (PCB-1254)	µg/kg	-	-	-	-	1700	ND (36)	-	ND (37)	ND (42)
Aroclor-1260 (PCB-1260)	µg/kg	-	-	-	-	1300	ND (36)	-	ND (37)	ND (42)
Total PCBs	µg/kg	-	-	-	-	3000	ND	-	ND	ND
Pesticides										
4,4'-DDD	µg/kg	180000	-	-	-	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-	-	-	-
Petroleum Hydrocarbons										
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*OW13-00*	*OW13-00*	*OW13-00*	*OW14-00*	*OW14-00*	*OW14-00*	*OW15-00*	*OW15-00*
Sample ID:			*S-MEJ-400*	*S-MEJ-401*	*S-MEJ-402*	*S-AMD-441*	*S-AMD-442*	*S-AMD-443*	*S-MEJ-427*	*S-MEJ-428*
Sample Date:			*9/5/2000*	*9/5/2000*	*9/5/2000*	*9/8/2000*	*9/8/2000*	*9/8/2000*	*9/6/2000*	*9/6/2000*
Sample Depth:			*2-3 ft BGS*	*4-6 ft BGS*	*10-12 ft BGS*	*2-3 ft BGS*	*4-6 ft BGS*	*10-12 ft BGS*	*2-4 ft BGS*	*8-10 ft BGS*
Parameter	*Units*	*RUSCO Criteria*								
General Chemistry										
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-	-	-
pH	s.u.	-	-	-	-	10.99	8.55	5.36	8.08	4.62
pH (water)	s.u.	-	-	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	25500000	50500000	4130000	41700000	153000000
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-	-
Total solids	%	-	98.8	76.4	89.2	91.4	91.3	80.7	90.6	79.7
Total volatile solids	%	-	-	-	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*P.I.-Point 130*	*P.I.-Point 130*	*P.I.-Point 131*	*P.I.-Point 131*	*P.I.-Point 132*
Sample ID:			*S-2939-4-22-03-SW-128*	*S-2939-4-22-03-SW-129*	*S-2939-4-22-03-SW-132*	*S-2939-4-22-03-SW-133*	*S-2939-4-22-03-SW-134*
Sample Date:			*4/22/2003*	*4/22/2003*	*4/22/2003*	*4/22/2003*	*4/22/2003*
Sample Depth:			*1-3 ft BGS*	*3-5 ft BGS*	*1-3 ft BGS*	*3-5 ft BGS*	*1-3 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*P.I.-Point 130*	*P.I.-Point 130*	*P.I.-Point 131*	*P.I.-Point 131*	*P.I.-Point 132*
Sample ID:			*S-2939-4-22-03-SW-128*	*S-2939-4-22-03-SW-129*	*S-2939-4-22-03-SW-132*	*S-2939-4-22-03-SW-133*	*S-2939-4-22-03-SW-134*
Sample Date:			*4/22/2003*	*4/22/2003*	*4/22/2003*	*4/22/2003*	*4/22/2003*
Sample Depth:			*1-3 ft BGS*	*3-5 ft BGS*	*1-3 ft BGS*	*3-5 ft BGS*	*1-3 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
m&p-Xylenes	µg/kg	-	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*P.I.-Point 130*	*P.I.-Point 130*	*P.I.-Point 131*	*P.I.-Point 131*	*P.I.-Point 132*
Sample ID:			*S-2939-4-22-03-SW-128*	*S-2939-4-22-03-SW-129*	*S-2939-4-22-03-SW-132*	*S-2939-4-22-03-SW-133*	*S-2939-4-22-03-SW-134*
Sample Date:			*4/22/2003*	*4/22/2003*	*4/22/2003*	*4/22/2003*	*4/22/2003*
Sample Depth:			*1-3 ft BGS*	*3-5 ft BGS*	*1-3 ft BGS*	*3-5 ft BGS*	*1-3 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
3-Nitroaniline	µg/kg	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*P.I.-Point 130*	*P.I.-Point 130*	*P.I.-Point 131*	*P.I.-Point 131*	*P.I.-Point 132*
Sample ID:			*S-2939-4-22-03-SW-128*	*S-2939-4-22-03-SW-129*	*S-2939-4-22-03-SW-132*	*S-2939-4-22-03-SW-133*	*S-2939-4-22-03-SW-134*
Sample Date:			*4/22/2003*	*4/22/2003*	*4/22/2003*	*4/22/2003*	*4/22/2003*
Sample Depth:			*1-3 ft BGS*	*3-5 ft BGS*	*1-3 ft BGS*	*3-5 ft BGS*	*1-3 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Isophorone	µg/kg	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-
Metals							
Aluminum	µg/kg	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*P.I.-Point 130*	*P.I.-Point 130*	*P.I.-Point 131*	*P.I.-Point 131*	*P.I.-Point 132*
Sample ID:			*S-2939-4-22-03-SW-128*	*S-2939-4-22-03-SW-129*	*S-2939-4-22-03-SW-132*	*S-2939-4-22-03-SW-133*	*S-2939-4-22-03-SW-134*
Sample Date:			*4/22/2003*	*4/22/2003*	*4/22/2003*	*4/22/2003*	*4/22/2003*
Sample Depth:			*1-3 ft BGS*	*3-5 ft BGS*	*1-3 ft BGS*	*3-5 ft BGS*	*1-3 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (6500)	ND (5900)	ND (6000)	ND (6200)	ND (5700)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (13000)	ND (12000)	ND (12000)	ND (12000)	ND (11000)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (6500)	ND (5900)	ND (6000)	ND (6200)	ND (5700)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (6500)	ND (5900)	ND (6000)	ND (6200)	ND (5700)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (6500)	ND (5900)	ND (6000)	ND (6200)	ND (5700)
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (6500)	ND (5900)	ND (6000)	ND (6200)	ND (5700)
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (6500)	ND (5900)	ND (6000)	ND (6200)	ND (5700)
Total PCBs	µg/kg	-	ND	ND	ND	ND	ND
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	23000	5300	ND (250)	ND (240)	ND (240)
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	15000000	9000000	2200000	710000	750000
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*P.I.-Point 130*	*P.I.-Point 130*	*P.I.-Point 131*	*P.I.-Point 131*	*P.I.-Point 132*
Sample ID:			*S-2939-4-22-03-SW-128*	*S-2939-4-22-03-SW-129*	*S-2939-4-22-03-SW-132*	*S-2939-4-22-03-SW-133*	*S-2939-4-22-03-SW-134*
Sample Date:			*4/22/2003*	*4/22/2003*	*4/22/2003*	*4/22/2003*	*4/22/2003*
Sample Depth:			*1-3 ft BGS*	*3-5 ft BGS*	*1-3 ft BGS*	*3-5 ft BGS*	*1-3 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	1030000	ND (296000)	876000	ND (300000)	ND (297000)
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-	-
Nitrogen	µg/kg	-	10100	12400	ND (6130)	9240	ND (5940)
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	10400000	12400000	547000	86500	382000
Percent moisture	%	-	18.4	15.6	18.4	16.8	15.8
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	10.5	10	10.4	7.8	10.5
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	81.6	88.5	81.6	83.2	84.2
Total volatile solids	%	-	17.8	10	36.1	1.9	2.7

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*P.I.-Point 132*	*P.I.-Point 133*	*P.I.-Point 133*	*P.I.-Point 134*	*P.I.-Point 134*	*PD2*
Sample ID:			*S-2939-4-22-03-SW-135*	*S-2939-4-22-03-SW-136*	*S-2939-4-22-03-SW-137*	*S-2939-4-22-03-SW-130*	*S-2939-4-22-03-SW-131*	*PD2B2+3*
Sample Date:			*4/22/2003*	*4/22/2003*	*4/22/2003*	*4/22/2003*	*4/22/2003*	*11/29/1993*
Sample Depth:			*3-5 ft BGS*	*1-3 ft BGS*	*3-5 ft BGS*	*1-3 ft BGS*	*3-5 ft BGS*	*4-8 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
Volatiles								
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-	ND (12)
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-	ND (12)
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-	ND (12)
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-	ND (12)
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-	ND (12)
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-	ND (12)
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-	ND (12)
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-	ND (12)
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-	ND (12)
2-Hexanone	µg/kg	-	-	-	-	-	-	ND (12)
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-	ND (12)
Acetone	µg/kg	1000000	-	-	-	-	-	ND (12)
Benzene	µg/kg	89000	-	-	-	-	-	ND (12)
Bromodichloromethane	µg/kg	-	-	-	-	-	-	ND (12)
Bromoform	µg/kg	-	-	-	-	-	-	ND (12)
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-	ND (12)
Carbon disulfide	µg/kg	-	-	-	-	-	-	ND (12)
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-	ND (12)
Chlorobenzene	µg/kg	1000000	-	-	-	-	-	ND (12)
Chloroethane	µg/kg	-	-	-	-	-	-	ND (12)
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-	ND (12)
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-	ND (12)
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	ND (12)
Cyclohexane	µg/kg	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-	ND (12)
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-	ND (12)
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*P.I.-Point 132*	*P.I.-Point 133*	*P.I.-Point 133*	*P.I.-Point 134*	*P.I.-Point 134*	*PD2*
Sample ID:			*S-2939-4-22-03-SW-135*	*S-2939-4-22-03-SW-136*	*S-2939-4-22-03-SW-137*	*S-2939-4-22-03-SW-130*	*S-2939-4-22-03-SW-131*	*PD2B2+3*
Sample Date:			*4/22/2003*	*4/22/2003*	*4/22/2003*	*4/22/2003*	*4/22/2003*	*11/29/1993*
Sample Depth:			*3-5 ft BGS*	*1-3 ft BGS*	*3-5 ft BGS*	*1-3 ft BGS*	*3-5 ft BGS*	*4-8 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
m&p-Xylenes	µg/kg	-	-	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-	ND (12)
Naphthalene	µg/kg	1000000	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-	ND (12)
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-	ND (12)
Toluene	µg/kg	1000000	-	-	-	-	-	ND (12)
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	ND (12)
Trichloroethene	µg/kg	400000	-	-	-	-	-	ND (12)
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-	ND (12)
Xylenes (total)	µg/kg	1000000	-	-	-	-	-	ND (12)
Semi-Volatiles								
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-	ND (330)
2-Methylphenol	µg/kg	1000000	-	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*P.I.-Point 132*	*P.I.-Point 133*	*P.I.-Point 133*	*P.I.-Point 134*	*P.I.-Point 134*	*PD2*
Sample ID:			*S-2939-4-22-03-SW-135*	*S-2939-4-22-03-SW-136*	*S-2939-4-22-03-SW-137*	*S-2939-4-22-03-SW-130*	*S-2939-4-22-03-SW-131*	*PD2B2+3*
Sample Date:			*4/22/2003*	*4/22/2003*	*4/22/2003*	*4/22/2003*	*4/22/2003*	*11/29/1993*
Sample Depth:			*3-5 ft BGS*	*1-3 ft BGS*	*3-5 ft BGS*	*1-3 ft BGS*	*3-5 ft BGS*	*4-8 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
3-Nitroaniline	µg/kg	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-	ND (330)
Acenaphthylene	µg/kg	1000000	-	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-	ND (330)
Atrazine	µg/kg	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-	ND (330)
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-	ND (330)
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-	ND (330)
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-	ND (330)
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-	ND (330)
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-	ND (330)
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-	ND (330)
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-	ND (330)
Diethyl phthalate	µg/kg	-	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-	ND (330)
Fluorene	µg/kg	1000000	-	-	-	-	-	ND (330)
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-	ND (330)

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*P.I.-Point 132*	*P.I.-Point 133*	*P.I.-Point 133*	*P.I.-Point 134*	*P.I.-Point 134*	*PD2*
Sample ID:			*S-2939-4-22-03-SW-135*	*S-2939-4-22-03-SW-136*	*S-2939-4-22-03-SW-137*	*S-2939-4-22-03-SW-130*	*S-2939-4-22-03-SW-131*	*PD2B2+3*
Sample Date:			*4/22/2003*	*4/22/2003*	*4/22/2003*	*4/22/2003*	*4/22/2003*	*11/29/1993*
Sample Depth:			*3-5 ft BGS*	*1-3 ft BGS*	*3-5 ft BGS*	*1-3 ft BGS*	*3-5 ft BGS*	*4-8 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
Isophorone	µg/kg	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	ND (330)
Nitrobenzene	µg/kg	140000	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-	ND (330)
Phenol	µg/kg	1000000	-	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-	ND (330)
Metals								
Aluminum	µg/kg	-	-	-	-	-	-	6240000
Antimony	µg/kg	-	-	-	-	-	-	ND (10700)
Arsenic	µg/kg	16000	-	-	-	-	-	**168000**
Barium	µg/kg	10000000	-	-	-	-	-	256000
Beryllium	µg/kg	2700000	-	-	-	-	-	1300
Cadmium	µg/kg	60000	-	-	-	-	-	10100
Calcium	µg/kg	-	-	-	-	-	-	25700000
Chromium	µg/kg	-	-	-	-	-	-	46500
Cobalt	µg/kg	-	-	-	-	-	-	35600
Copper	µg/kg	10000000	-	-	-	-	-	**15100000**
Iron	µg/kg	-	-	-	-	-	-	46700000
Lead	µg/kg	3900000	-	-	-	-	-	837000
Magnesium	µg/kg	-	-	-	-	-	-	7190000
Manganese	µg/kg	10000000	-	-	-	-	-	219000
Mercury	µg/kg	5700	-	-	-	-	-	1700
Nickel	µg/kg	10000000	-	-	-	-	-	184000
Potassium	µg/kg	-	-	-	-	-	-	1640000
Selenium	µg/kg	6800000	-	-	-	-	-	15300
Silver	µg/kg	6800000	-	-	-	-	-	ND (1600)
Sodium	µg/kg	-	-	-	-	-	-	745000 B
Thallium	µg/kg	-	-	-	-	-	-	ND (230)
Vanadium	µg/kg	-	-	-	-	-	-	43200
Zinc	µg/kg	10000000	-	-	-	-	-	1660000

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*P.I.-Point 132*	*P.I.-Point 133*	*P.I.-Point 133*	*P.I.-Point 134*	*P.I.-Point 134*	*PD2*
Sample ID:			*S-2939-4-22-03-SW-135*	*S-2939-4-22-03-SW-136*	*S-2939-4-22-03-SW-137*	*S-2939-4-22-03-SW-130*	*S-2939-4-22-03-SW-131*	*PD2B2+3*
Sample Date:			*4/22/2003*	*4/22/2003*	*4/22/2003*	*4/22/2003*	*4/22/2003*	*11/29/1993*
Sample Depth:			*3-5 ft BGS*	*1-3 ft BGS*	*3-5 ft BGS*	*1-3 ft BGS*	*3-5 ft BGS*	*4-8 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
PCBs								
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (6200)	ND (5800)	ND (6700)	ND (5600)	ND (6400)	-
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (12000)	ND (12000)	ND (13000)	ND (11000)	ND (13000)	-
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (6200)	ND (5800)	ND (6700)	ND (5600)	ND (6400)	-
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (6200)	ND (5800)	ND (6700)	ND (5600)	ND (6400)	-
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (6200)	ND (5800)	ND (6700)	ND (5600)	ND (6400)	-
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (6200)	ND (5800)	ND (6700)	ND (5600)	ND (6400)	-
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (6200)	ND (5800)	ND (6700)	ND (5600)	ND (6400)	-
Total PCBs	µg/kg	-	ND	ND	ND	ND	ND	-
Pesticides								
4,4'-DDD	µg/kg	180000	-	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-	-
Petroleum Hydrocarbons								
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	ND (240)	ND (230)	29000	ND (230)	27000	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	580000	540000	28000000	1000000	22000000	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*P.I.-Point 132*	*P.I.-Point 133*	*P.I.-Point 133*	*P.I.-Point 134*	*P.I.-Point 134*	*PD2*
Sample ID:			*S-2939-4-22-03-SW-135*	*S-2939-4-22-03-SW-136*	*S-2939-4-22-03-SW-137*	*S-2939-4-22-03-SW-130*	*S-2939-4-22-03-SW-131*	*PD2B2+3*
Sample Date:			*4/22/2003*	*4/22/2003*	*4/22/2003*	*4/22/2003*	*4/22/2003*	*11/29/1993*
Sample Depth:			*3-5 ft BGS*	*1-3 ft BGS*	*3-5 ft BGS*	*1-3 ft BGS*	*3-5 ft BGS*	*4-8 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
General Chemistry								
Chemical oxygen demand (COD)	µg/kg	-	ND (299000)	ND (290000)	1190000	1220000	2390000	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-	ND (1200)
N-Hexane extractable material	µg/kg	-	-	-	-	-	-	-
Nitrogen	µg/kg	-	10600	ND (5790)	ND (6170)	10400	ND (5810)	-
Oil and grease	µg/kg	-	-	-	-	-	-	1350000
Oil and grease (HEM), total	µg/kg	-	ND (59900)	1110000	70000000	6240000	30500000	-
Percent moisture	%	-	16.5	13.7	19.0	11.4	14.0	-
pH	s.u.	-	-	-	-	-	-	-
pH (water)	s.u.	-	7.8	10.4	7.4	10.5	7.7	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	1020000
Total solids	%	-	83.5	86.3	81.0	84.4	86.0	-
Total volatile solids	%	-	2.6	4.5	5.8	1.8	15.1	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PD2*	*PD4*	*PD4*	*PD5*	*PD5*	*PD5*
Sample ID:			*PD2C3+4*	*PD4A1*	*PD4B1*	*PD5A1*	*PD5B1*	*PD5C1*
Sample Date:			*11/29/1993*	*12/6/1993*	*12/6/1993*	*12/7/1993*	*12/7/1993*	*12/7/1993*
Sample Depth:			*20-27 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*	*8-10 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
Volatiles								
1,1,1-Trichloroethane	µg/kg	1000000	ND (13)	ND (62)	ND (63)	ND (11)	ND (12)	ND (12)
1,1,2,2-Tetrachloroethane	µg/kg	-	ND (13)	ND (62)	ND (63)	ND (11)	ND (12)	ND (12)
1,1,2-Trichloroethane	µg/kg	-	ND (13)	ND (62)	ND (63)	ND (11)	ND (12)	ND (12)
1,1-Dichloroethane	µg/kg	480000	ND (13)	ND (62)	ND (63)	ND (11)	ND (12)	ND (12)
1,1-Dichloroethene	µg/kg	1000000	ND (13)	ND (62)	ND (63)	ND (11)	ND (12)	ND (12)
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	ND (13)	ND (62)	ND (63)	ND (11)	ND (12)	ND (12)
1,2-Dichloroethene (total)	µg/kg	-	ND (13)	ND (62)	ND (63)	ND (11)	ND (12)	ND (12)
1,2-Dichloropropane	µg/kg	-	ND (13)	ND (62)	ND (63)	ND (11)	ND (12)	ND (12)
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	ND (13)	ND (62)	ND (63)	ND (11)	ND (12)	ND (12)
2-Hexanone	µg/kg	-	ND (13)	ND (62)	ND (63)	ND (11)	ND (12)	ND (12)
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	ND (13)	ND (62)	ND (63)	ND (11)	ND (12)	ND (12)
Acetone	µg/kg	1000000	ND (13)	ND (62)	ND (63)	ND (11)	ND (12)	ND (12)
Benzene	µg/kg	89000	ND (13)	ND (62)	ND (63)	ND (11)	ND (12)	ND (12)
Bromodichloromethane	µg/kg	-	ND (13)	ND (62)	ND (63)	ND (11)	ND (12)	ND (12)
Bromoform	µg/kg	-	ND (13)	ND (62)	ND (63)	ND (11)	ND (12)	ND (12)
Bromomethane (Methyl bromide)	µg/kg	-	ND (13)	ND (62)	ND (63)	ND (11)	ND (12)	ND (12)
Carbon disulfide	µg/kg	-	ND (13)	ND (62)	ND (63)	ND (11)	ND (12)	ND (12)
Carbon tetrachloride	µg/kg	44000	ND (13)	ND (62)	ND (63)	ND (11)	ND (12)	ND (12)
Chlorobenzene	µg/kg	1000000	ND (13)	ND (62)	ND (63)	ND (11)	ND (12)	ND (12)
Chloroethane	µg/kg	-	ND (13)	ND (62)	ND (63)	ND (11)	ND (12)	ND (12)
Chloroform (Trichloromethane)	µg/kg	700000	ND (13)	ND (62)	ND (63)	ND (11)	ND (12)	ND (12)
Chloromethane (Methyl chloride)	µg/kg	-	ND (13)	ND (62)	ND (63)	ND (11)	ND (12)	ND (12)
cis-1,2-Dichloroethene	µg/kg	1000000	-	ND (62)	ND (63)	ND (11)	ND (12)	ND (12)
cis-1,3-Dichloropropene	µg/kg	-	ND (13)	ND (62)	ND (63)	ND (11)	ND (12)	ND (12)
Cyclohexane	µg/kg	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	ND (13)	ND (62)	ND (63)	ND (11)	ND (12)	ND (12)
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	ND (13)	ND (62)	ND (63)	ND (11)	ND (12)	ND (12)
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PD2*	*PD4*	*PD4*	*PD5*	*PD5*	*PD5*
Sample ID:			*PD2C3+4*	*PD4A1*	*PD4B1*	*PD5A1*	*PD5B1*	*PD5C1*
Sample Date:			*11/29/1993*	*12/6/1993*	*12/6/1993*	*12/7/1993*	*12/7/1993*	*12/7/1993*
Sample Depth:			*20-27 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*	*8-10 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
m&p-Xylenes	µg/kg	-	ND (13)	ND (62)	ND (63)	ND (11)	ND (12)	ND (12)
Methyl acetate	µg/kg	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	ND (13)	ND (62)	ND (63)	ND (11)	ND (12)	ND (12)
Naphthalene	µg/kg	1000000	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-
Styrene	µg/kg	-	ND (13)	ND (62)	ND (63)	ND (11)	ND (12)	ND (12)
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	ND (13)	ND (62)	ND (63)	ND (11)	ND (12)	ND (12)
Toluene	µg/kg	1000000	ND (13)	ND (62)	ND (63)	ND (11)	ND (12)	ND (12)
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	ND (13)	ND (62)	ND (63)	ND (11)	ND (12)	ND (12)
Trichloroethene	µg/kg	400000	ND (13)	ND (62)	ND (63)	ND (11)	ND (12)	ND (12)
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	ND (13)	ND (62)	ND (63)	ND (11)	ND (12)	ND (12)
Xylenes (total)	µg/kg	1000000	ND (13)	ND (62)	ND (63)	ND (11)	ND (12)	ND (12)
Semi-Volatiles								
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
2-Methylphenol	µg/kg	1000000	-	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PD2*	*PD4*	*PD4*	*PD5*	*PD5*	*PD5*
Sample ID:			*PD2C3+4*	*PD4A1*	*PD4B1*	*PD5A1*	*PD5B1*	*PD5C1*
Sample Date:			*11/29/1993*	*12/6/1993*	*12/6/1993*	*12/7/1993*	*12/7/1993*	*12/7/1993*
Sample Depth:			*20-27 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*	*8-10 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
3-Nitroaniline	µg/kg	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Acenaphthylene	µg/kg	1000000	-	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Atrazine	µg/kg	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	ND (330)	ND (330)	620	ND (330)	ND (330)	ND (330)
Benzo(a)pyrene	µg/kg	1100	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Benzo(b)fluoranthene	µg/kg	11000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Benzo(g,h,i)perylene	µg/kg	1000000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Benzo(k)fluoranthene	µg/kg	110000	ND (330)	ND (330)	550	ND (330)	ND (330)	ND (330)
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-	-
Chrysene	µg/kg	110000	ND (330)	ND (330)	630	ND (330)	ND (330)	ND (330)
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Diethyl phthalate	µg/kg	-	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	ND (330)	550	2000	ND (330)	ND (330)	ND (330)
Fluorene	µg/kg	1000000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PD2*	*PD4*	*PD4*	*PD5*	*PD5*	*PD5*
Sample ID:			*PD2C3+4*	*PD4A1*	*PD4B1*	*PD5A1*	*PD5B1*	*PD5C1*
Sample Date:			*11/29/1993*	*12/6/1993*	*12/6/1993*	*12/7/1993*	*12/7/1993*	*12/7/1993*
Sample Depth:			*20-27 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*	*8-10 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
Isophorone	µg/kg	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Nitrobenzene	µg/kg	140000	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-	-
Phenanthrene	µg/kg	1000000	ND (330)	600	1900	ND (330)	ND (330)	ND (330)
Phenol	µg/kg	1000000	-	-	-	-	-	-
Pyrene	µg/kg	1000000	ND (330)	430	1400	ND (330)	ND (330)	ND (330)
Metals								
Aluminum	µg/kg	-	7610000	225000	1630000	4690000	4120000	3150000
Antimony	µg/kg	-	ND (12200)	ND (11200)	ND (11500)	ND (10400)	ND (11000)	ND (11000)
Arsenic	µg/kg	16000	12500	7300	**62300**	1700 B	1500 B	**265000**
Barium	µg/kg	10000000	20000 B	99600	103000	26600 B	14700 B	11500 B
Beryllium	µg/kg	2700000	560 B	390 B	1400	760 B	760 B	550 B
Cadmium	µg/kg	60000	ND (1100)	ND (970)	2200	ND (910)	ND (950)	ND (950)
Calcium	µg/kg	-	1660000	6770000	22400000	4550000	933000 B	2910000
Chromium	µg/kg	-	15700	2600	15500	10100	10600	7500
Cobalt	µg/kg	-	4300 B	ND (1700)	2600 B	5900 B	5300 B	4200 B
Copper	µg/kg	10000000	898000	271000	8490000	358000	220000	173000
Iron	µg/kg	-	15500000	627000	11700000	10100000	10100000	7540000
Lead	µg/kg	3900000	62800	97700	388000	31200	ND (480)	24100
Magnesium	µg/kg	-	1990000	139000 B	1410000	1960000	1610000	1400000
Manganese	µg/kg	10000000	151000	4800	50200	135000	110000	119000
Mercury	µg/kg	5700	ND (130)	900	830	ND (110)	ND (120)	150
Nickel	µg/kg	10000000	15200	ND (4600)	30500	27100	24200	29300
Potassium	µg/kg	-	503000 B	209000 B	1370000	522000 B	508000 B	315000 B
Selenium	µg/kg	6800000	ND (800)	ND (490)	ND (500)	ND (450)	ND (480)	ND (480)
Silver	µg/kg	6800000	ND (1900)	ND (1700)	ND (1700)	ND (1600)	ND (1700)	ND (1700)
Sodium	µg/kg	-	266000 B	344000 B	804000 B	156000 B	135000 B	151000 B
Thallium	µg/kg	-	480 B	ND (240)	ND (250)	ND (230)	ND (240)	ND (240)
Vanadium	µg/kg	-	24400	ND (3400)	22100	15100	13400	9300 B
Zinc	µg/kg	10000000	66900	19100	322000	156000	58500	59800

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PD2*	*PD4*	*PD4*	*PD5*	*PD5*	*PD5*
Sample ID:			*PD2C3+4*	*PD4A1*	*PD4B1*	*PD5A1*	*PD5B1*	*PD5C1*
Sample Date:			*11/29/1993*	*12/6/1993*	*12/6/1993*	*12/7/1993*	*12/7/1993*	*12/7/1993*
Sample Depth:			*20-27 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*	*8-10 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
PCBs								
Aroclor-1016 (PCB-1016)	µg/kg	-	-	ND (21)	ND (21)	ND (19)	ND (19)	ND (20)
Aroclor-1221 (PCB-1221)	µg/kg	-	-	ND (21)	ND (21)	ND (19)	ND (19)	ND (20)
Aroclor-1232 (PCB-1232)	µg/kg	-	-	ND (21)	ND (21)	ND (19)	ND (19)	ND (20)
Aroclor-1242 (PCB-1242)	µg/kg	-	-	ND (21)	ND (21)	ND (19)	ND (19)	ND (20)
Aroclor-1248 (PCB-1248)	µg/kg	-	-	ND (21)	ND (21)	ND (19)	ND (19)	ND (20)
Aroclor-1254 (PCB-1254)	µg/kg	-	-	ND (21)	ND (21)	ND (19)	ND (19)	ND (20)
Aroclor-1260 (PCB-1260)	µg/kg	-	-	ND (21)	ND (21)	ND (19)	ND (19)	ND (20)
Total PCBs	µg/kg	-	-	ND	ND	ND	ND	ND
Pesticides								
4,4'-DDD	µg/kg	180000	-	ND (2.1)	ND (2.1)	ND (1.9)	ND (1.9)	ND (2.0)
4,4'-DDE	µg/kg	120000	-	ND (2.1)	ND (2.1)	ND (1.9)	ND (1.9)	ND (2.0)
4,4'-DDT	µg/kg	94000	-	ND (4.1)	ND (4.2)	ND (3.7)	ND (3.9)	ND (4.0)
Aldrin	µg/kg	1400	-	ND (1.6)	ND (1.7)	ND (1.5)	ND (1.6)	ND (1.6)
alpha-BHC	µg/kg	6800	-	ND (1.0)	ND (1.1)	ND (0.93)	ND (0.97)	ND (1.0)
alpha-Chlordane	µg/kg	47000	-	ND (2.1)	ND (2.1)	ND (1.9)	ND (1.9)	ND (2.0)
beta-BHC	µg/kg	14000	-	ND (2.1)	ND (2.1)	ND (1.9)	ND (1.9)	ND (2.0)
delta-BHC	µg/kg	1000000	-	ND (2.1)	ND (2.1)	ND (1.9)	ND (1.9)	ND (2.0)
Dieldrin	µg/kg	2800	-	ND (2.1)	ND (2.1)	ND (1.9)	ND (1.9)	ND (2.0)
Endosulfan I	µg/kg	920000	-	ND (2.1)	ND (2.1)	ND (1.9)	ND (1.9)	ND (2.0)
Endosulfan II	µg/kg	920000	-	ND (2.1)	ND (2.1)	ND (1.9)	ND (1.9)	ND (2.0)
Endosulfan sulfate	µg/kg	920000	-	ND (4.1)	ND (4.2)	ND (3.7)	ND (3.9)	ND (4.0)
Endrin	µg/kg	410000	-	ND (2.1)	ND (2.1)	ND (1.9)	ND (1.9)	ND (2.0)
Endrin aldehyde	µg/kg	-	-	ND (2.1)	ND (2.1)	ND (1.9)	ND (1.9)	ND (2.0)
Endrin ketone	µg/kg	-	-	ND (2.1)	ND (2.1)	ND (1.9)	ND (1.9)	ND (2.0)
gamma-BHC (lindane)	µg/kg	23000	-	ND (2.1)	ND (2.1)	ND (1.9)	ND (1.9)	ND (2.0)
gamma-Chlordane	µg/kg	-	-	ND (2.1)	ND (2.1)	ND (1.9)	ND (1.9)	ND (2.0)
Heptachlor	µg/kg	29000	-	ND (1.6)	ND (1.7)	ND (1.5)	ND (1.6)	ND (1.6)
Heptachlor epoxide	µg/kg	-	-	ND (4.1)	ND (4.2)	ND (3.7)	ND (3.9)	ND (4.0)
Methoxychlor	µg/kg	-	-	ND (16)	ND (17)	ND (15)	ND (16)	ND (16)
Toxaphene	µg/kg	-	-	ND (10)	ND (11)	ND (9.3)	ND (9.7)	ND (10)
Petroleum Hydrocarbons								
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PD2*	*PD4*	*PD4*	*PD5*	*PD5*	*PD5*
Sample ID:			*PD2C3+4*	*PD4A1*	*PD4B1*	*PD5A1*	*PD5B1*	*PD5C1*
Sample Date:			*11/29/1993*	*12/6/1993*	*12/6/1993*	*12/7/1993*	*12/7/1993*	*12/7/1993*
Sample Depth:			*20-27 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*	*8-10 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
General Chemistry								
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	ND (1300)	ND (1200)	ND (1200)	ND (1100)	ND (1200)	ND (1200)
N-Hexane extractable material	µg/kg	-	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	40000	2750000	2140000	318000	237000	169000
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	28000	1800000	1610000	188000	173000	108000
Total solids	%	-	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PD5*	*PD6*	*PD6*	*PD6*	*PD8*	*PD8*	*PD10*	*PD12*	*PD12*
Sample ID:			*PD5C2*	*PD6A1*	*PD6B1*	*PD6C2*	*PD8B2*	*PD8C4+5*	*PD10A1*	*PD12A1*	*PD12B3+4+5*
Sample Date:			*12/7/1993*	*12/7/1993*	*12/7/1993*	*12/7/1993*	*11/29/1993*	*11/29/1993*	*12/6/1993*	*12/7/1993*	*12/7/1993*
Sample Depth:			*10-12 ft BGS*	*1.5-3.5 ft BGS*	*3.5-5.5 ft BGS*	*7.5-9.5 ft BGS*	*4-6 ft BGS*	*20-27 ft BGS*	*3-5 ft BGS*	*2-4 ft BGS*	*8-14 ft BGS*
Parameter	*Units*	*RUSCO Criteria*									
Volatiles											
1,1,1-Trichloroethane	µg/kg	1000000	ND (11)	ND (10)	ND (1400)	ND (12)	ND (13)	ND (14)	ND (12)	ND (10)	ND (11)
1,1,2,2-Tetrachloroethane	µg/kg	-	ND (11)	ND (10)	ND (1400)	ND (12)	ND (13)	ND (14)	ND (12)	ND (10)	ND (11)
1,1,2-Trichloroethane	µg/kg	-	ND (11)	ND (10)	ND (1400)	ND (12)	ND (13)	ND (14)	ND (12)	ND (10)	ND (11)
1,1-Dichloroethane	µg/kg	480000	ND (11)	ND (10)	ND (1400)	ND (12)	ND (13)	ND (14)	ND (12)	ND (10)	ND (11)
1,1-Dichloroethene	µg/kg	1000000	ND (11)	ND (10)	ND (1400)	ND (12)	ND (13)	ND (14)	ND (12)	ND (10)	ND (11)
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	ND (11)	ND (10)	ND (1400)	ND (12)	ND (13)	ND (14)	ND (12)	ND (10)	ND (11)
1,2-Dichloroethene (total)	µg/kg	-	ND (11)	ND (10)	ND (1400)	ND (12)	ND (13)	ND (14)	ND (12)	ND (10)	ND (11)
1,2-Dichloropropane	µg/kg	-	ND (11)	ND (10)	ND (1400)	ND (12)	ND (13)	ND (14)	ND (12)	ND (10)	ND (11)
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	ND (11)	ND (10)	ND (1400)	ND (12)	ND (13)	ND (14)	ND (12)	ND (10)	ND (11)
2-Hexanone	µg/kg	-	ND (11)	ND (10)	ND (1400)	ND (12)	ND (13)	ND (14)	ND (12)	ND (10)	ND (11)
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	ND (11)	ND (10)	ND (1400)	ND (12)	ND (13)	ND (14)	ND (12)	ND (10)	ND (11)
Acetone	µg/kg	1000000	ND (11)	ND (10)	ND (1400)	ND (12)	ND (13)	ND (14)	ND (12)	ND (10)	ND (11)
Benzene	µg/kg	89000	ND (11)	ND (10)	430 J	ND (12)	ND (13)	ND (14)	ND (12)	ND (10)	ND (11)
Bromodichloromethane	µg/kg	-	ND (11)	ND (10)	ND (1400)	ND (12)	ND (13)	ND (14)	ND (12)	ND (10)	ND (11)
Bromoform	µg/kg	-	ND (11)	ND (10)	ND (1400)	ND (12)	ND (13)	ND (14)	ND (12)	ND (10)	ND (11)
Bromomethane (Methyl bromide)	µg/kg	-	ND (11)	ND (10)	ND (1400)	ND (12)	ND (13)	ND (14)	ND (12)	ND (10)	ND (11)
Carbon disulfide	µg/kg	-	ND (11)	ND (10)	ND (1400)	ND (12)	ND (13)	ND (14)	ND (12)	ND (10)	ND (11)
Carbon tetrachloride	µg/kg	44000	ND (11)	ND (10)	ND (1400)	ND (12)	ND (13)	ND (14)	ND (12)	ND (10)	ND (11)
Chlorobenzene	µg/kg	1000000	ND (11)	ND (10)	ND (1400)	ND (12)	ND (13)	ND (14)	ND (12)	ND (10)	ND (11)
Chloroethane	µg/kg	-	ND (11)	ND (10)	ND (1400)	ND (12)	ND (13)	ND (14)	ND (12)	ND (10)	ND (11)
Chloroform (Trichloromethane)	µg/kg	700000	ND (11)	ND (10)	ND (1400)	ND (12)	ND (13)	ND (14)	ND (12)	ND (10)	ND (11)
Chloromethane (Methyl chloride)	µg/kg	-	ND (11)	ND (10)	ND (1400)	ND (12)	ND (13)	ND (14)	ND (12)	ND (10)	ND (11)
cis-1,2-Dichloroethene	µg/kg	1000000	ND (11)	ND (10)	ND (1400)	ND (12)	-	-	ND (12)	ND (10)	ND (11)
cis-1,3-Dichloropropene	µg/kg	-	ND (11)	ND (10)	ND (1400)	ND (12)	ND (13)	ND (14)	ND (12)	ND (10)	ND (11)
Cyclohexane	µg/kg	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	ND (11)	ND (10)	ND (1400)	ND (12)	ND (13)	ND (14)	ND (12)	ND (10)	ND (11)
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	ND (11)	ND (10)	370 J	ND (12)	ND (13)	ND (14)	ND (12)	ND (10)	ND (11)
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PD5*	*PD6*	*PD6*	*PD6*	*PD8*	*PD8*	*PD10*	*PD12*	*PD12*
Sample ID:			*PD5C2*	*PD6A1*	*PD6B1*	*PD6C2*	*PD8B2*	*PD8C4+5*	*PD10A1*	*PD12A1*	*PD12B3+4+5*
Sample Date:			*12/7/1993*	*12/7/1993*	*12/7/1993*	*12/7/1993*	*11/29/1993*	*11/29/1993*	*12/6/1993*	*12/7/1993*	*12/7/1993*
Sample Depth:			*10-12 ft BGS*	*1.5-3.5 ft BGS*	*3.5-5.5 ft BGS*	*7.5-9.5 ft BGS*	*4-6 ft BGS*	*20-27 ft BGS*	*3-5 ft BGS*	*2-4 ft BGS*	*8-14 ft BGS*
Parameter	*Units*	*RUSCO Criteria*									
m&p-Xylenes	µg/kg	-	ND (11)	ND (12)	ND (1400)	-	ND (13)	ND (14)	ND (12)	ND (10)	ND (11)
Methyl acetate	µg/kg	-	-	-	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	ND (11)	ND (10)	ND (1400)	ND (12)	ND (13)	ND (14)	ND (12)	ND (10)	ND (11)
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-	-	-	-
Styrene	µg/kg	-	ND (11)	ND (10)	ND (1400)	ND (12)	ND (13)	ND (14)	ND (12)	ND (10)	ND (11)
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	ND (11)	ND (10)	ND (1400)	ND (12)	ND (13)	ND (14)	ND (12)	ND (10)	ND (11)
Toluene	µg/kg	1000000	ND (11)	ND (10)	580 J	ND (12)	ND (13)	ND (14)	ND (12)	ND (10)	ND (11)
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	ND (11)	ND (10)	ND (1400)	ND (12)	ND (13)	ND (14)	ND (12)	ND (10)	ND (11)
Trichloroethene	µg/kg	400000	ND (11)	ND (10)	ND (1400)	ND (12)	ND (13)	ND (14)	ND (12)	ND (10)	ND (11)
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	ND (11)	ND (10)	ND (1400)	ND (12)	ND (13)	ND (14)	ND (12)	ND (10)	ND (11)
Xylenes (total)	µg/kg	1000000	ND (11)	ND (10)	3800	ND (12)	ND (13)	ND (14)	ND (12)	ND (10)	ND (11)
Semi-Volatiles											
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
2-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PD5*	*PD6*	*PD6*	*PD6*	*PD8*	*PD8*	*PD10*	*PD12*	*PD12*
Sample ID:			*PD5C2*	*PD6A1*	*PD6B1*	*PD6C2*	*PD8B2*	*PD8C4+5*	*PD10A1*	*PD12A1*	*PD12B3+4+5*
Sample Date:			*12/7/1993*	*12/7/1993*	*12/7/1993*	*12/7/1993*	*11/29/1993*	*11/29/1993*	*12/6/1993*	*12/7/1993*	*12/7/1993*
Sample Depth:			*10-12 ft BGS*	*1.5-3.5 ft BGS*	*3.5-5.5 ft BGS*	*7.5-9.5 ft BGS*	*4-6 ft BGS*	*20-27 ft BGS*	*3-5 ft BGS*	*2-4 ft BGS*	*8-14 ft BGS*
Parameter	*Units*	*RUSCO Criteria*									
3-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Acenaphthylene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Atrazine	µg/kg	-	-	-	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	420	610	ND (330)
Benzo(a)pyrene	µg/kg	1100	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	400	480	ND (330)
Benzo(b)fluoranthene	µg/kg	11000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	1000	ND (330)
Benzo(g,h,i)perylene	µg/kg	1000000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Benzo(k)fluoranthene	µg/kg	110000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	430	ND (330)	ND (330)
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-	-	-	-	-
Chrysene	µg/kg	110000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	420	540	ND (330)
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Diethyl phthalate	µg/kg	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	860	1200	ND (330)
Fluorene	µg/kg	1000000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PD5*	*PD6*	*PD6*	*PD6*	*PD8*	*PD8*	*PD10*	*PD12*	*PD12*
Sample ID:			*PD5C2*	*PD6A1*	*PD6B1*	*PD6C2*	*PD8B2*	*PD8C4+5*	*PD10A1*	*PD12A1*	*PD12B3+4+5*
Sample Date:			*12/7/1993*	*12/7/1993*	*12/7/1993*	*12/7/1993*	*11/29/1993*	*11/29/1993*	*12/6/1993*	*12/7/1993*	*12/7/1993*
Sample Depth:			*10-12 ft BGS*	*1.5-3.5 ft BGS*	*3.5-5.5 ft BGS*	*7.5-9.5 ft BGS*	*4-6 ft BGS*	*20-27 ft BGS*	*3-5 ft BGS*	*2-4 ft BGS*	*8-14 ft BGS*
Parameter	*Units*	*RUSCO Criteria*									
Isophorone	µg/kg	-	-	-	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Nitrobenzene	µg/kg	140000	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-	-	-	-	-
Phenanthrene	µg/kg	1000000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	600	760	ND (330)
Phenol	µg/kg	1000000	-	-	-	-	-	-	-	-	-
Pyrene	µg/kg	1000000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	720	1100	ND (330)
Metals											
Aluminum	µg/kg	-	3090000	2680000	3720000	3850000	6840000	4090000	7300000	8460000	2930000
Antimony	µg/kg	-	ND (10800)	ND (9600)	ND (10700)	ND (10400)	372000	ND (15000)	ND (10600)	ND (9600)	ND (10000)
Arsenic	µg/kg	16000	2500	6800	**16100**	10200	**490000**	6500	**40600**	**22400**	5300
Barium	µg/kg	10000000	8900 B	33800 B	75700	48600	194000	15300 B	149000	41500 B	16000 B
Beryllium	µg/kg	2700000	580 B	600 B	810 B	760 B	1400 B	ND (330)	1300	740 B	770 B
Cadmium	µg/kg	60000	ND (940)	1400	1700	2100	ND (1300)	ND (1300)	13500	ND (830)	ND (870)
Calcium	µg/kg	-	806000 B	1600000	2170000	4300000	32800000	1970000	17400000	9310000	1510000
Chromium	µg/kg	-	8000	8600	11500	9800	46500	8600	18400	37900	14800
Cobalt	µg/kg	-	2900 B	4200 B	5600 B	7400 B	8600 B	4000 B	97800	3100 B	3500 B
Copper	µg/kg	10000000	204000	7380000	978000	829000	1080000	191000	9980000	162000	48400
Iron	µg/kg	-	7840000	9420000	13600000	14300000	36300000	8550000	31100000	10700000	9870000
Lead	µg/kg	3900000	14000 B	171000	473000	179000	2970000	24400	605000	101000	1700
Magnesium	µg/kg	-	1200000	1050000	1350000	2040000	1440000 B	1170000 B	2620000	3110000	1280000
Manganese	µg/kg	10000000	141000	72800	97600	254000	33300	62400	360000	145000	147000
Mercury	µg/kg	5700	ND (120)	440	1000	480	**9300**	310	1900	300	ND (110)
Nickel	µg/kg	10000000	25500	18400	23100	28100	10500 B	7200 B	55500	10600	6700 B
Potassium	µg/kg	-	331000 B	209000 B	299000 B	331000 B	6970000 B	322000 B	1220000	1150000	399000 B
Selenium	µg/kg	6800000	ND (470)	ND (630)	3200	5700	138000	2900	1200	ND (620)	ND (650)
Silver	µg/kg	6800000	ND (1600)	ND (1500)	ND (1600)	ND (1600)	ND (2300)	ND (2300)	ND (1600)	ND (1500)	ND (1500)
Sodium	µg/kg	-	136000 B	120000 B	107000 B	113000 B	674000 B	302000 B	408000 B	338000 B	205000 B
Thallium	µg/kg	-	ND (230)	ND (210)	ND (230)	ND (230)	ND (3200)	ND (330)	250 B	ND (210)	ND (220)
Vanadium	µg/kg	-	9900 B	8300 B	11800	11700	40600	12400 B	18000	30900	23100
Zinc	µg/kg	10000000	34800	170000	312000	267000	227000	49900	3650000	190000	34000

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PD5*	*PD6*	*PD6*	*PD6*	*PD8*	*PD8*	*PD10*	*PD12*	*PD12*
Sample ID:			*PD5C2*	*PD6A1*	*PD6B1*	*PD6C2*	*PD8B2*	*PD8C4+5*	*PD10A1*	*PD12A1*	*PD12B3+4+5*
Sample Date:			*12/7/1993*	*12/7/1993*	*12/7/1993*	*12/7/1993*	*11/29/1993*	*11/29/1993*	*12/6/1993*	*12/7/1993*	*12/7/1993*
Sample Depth:			*10-12 ft BGS*	*1.5-3.5 ft BGS*	*3.5-5.5 ft BGS*	*7.5-9.5 ft BGS*	*4-6 ft BGS*	*20-27 ft BGS*	*3-5 ft BGS*	*2-4 ft BGS*	*8-14 ft BGS*
Parameter	*Units*	*RUSCO Criteria*									
PCBs											
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (19)	ND (17)	ND (19)	ND (19)	ND (22)	-	ND (19)	ND (17)	ND (19)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (19)	ND (17)	ND (19)	ND (19)	ND (22)	-	ND (19)	ND (17)	ND (19)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (19)	ND (17)	ND (19)	ND (19)	ND (22)	-	ND (19)	ND (17)	ND (19)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (19)	ND (17)	ND (19)	ND (19)	ND (22)	-	ND (19)	ND (17)	ND (19)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (19)	ND (17)	ND (19)	ND (19)	ND (22)	-	ND (19)	ND (17)	ND (19)
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (19)	ND (17)	210	ND (19)	ND (22)	-	ND (19)	ND (17)	ND (19)
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (19)	ND (17)	ND (19)	ND (19)	ND (22)	-	ND (19)	ND (17)	ND (19)
Total PCBs	µg/kg	-	ND	ND	210	ND	ND	-	ND	ND	ND
Pesticides											
4,4'-DDD	µg/kg	180000	ND (1.9)	ND (1.7)	ND (1.9)	ND (1.9)	ND (2.2)	-	ND (1.9)	ND (1.7)	ND (1.9)
4,4'-DDE	µg/kg	120000	ND (1.9)	ND (1.7)	ND (1.9)	ND (1.9)	ND (2.2)	-	ND (1.9)	ND (1.7)	ND (1.9)
4,4'-DDT	µg/kg	94000	ND (3.8)	R	R	R	ND (4.4)	-	ND (3.9)	R	ND (3.7)
Aldrin	µg/kg	1400	ND (1.5)	ND (1.4)	ND (1.5)	ND (1.6)	ND (1.8)	-	ND (1.6)	ND (1.4)	ND (1.5)
alpha-BHC	µg/kg	6800	ND (0.95)	ND (0.87)	ND (0.96)	ND (0.97)	ND (1.1)	-	ND (0.97)	ND (0.86)	ND (0.93)
alpha-Chlordane	µg/kg	47000	ND (1.9)	ND (1.7)	ND (1.9)	ND (1.9)	ND (2.2)	-	ND (1.9)	ND (1.7)	ND (1.9)
beta-BHC	µg/kg	14000	ND (1.9)	ND (1.7)	ND (1.9)	ND (1.9)	ND (2.2)	-	ND (1.9)	ND (1.7)	ND (1.9)
delta-BHC	µg/kg	1000000	ND (1.9)	ND (1.7)	ND (1.9)	ND (1.9)	ND (2.2)	-	ND (1.9)	ND (1.7)	ND (1.9)
Dieldrin	µg/kg	2800	ND (1.9)	ND (1.7)	ND (1.9)	ND (1.9)	ND (2.2)	-	ND (1.9)	ND (1.7)	ND (1.9)
Endosulfan I	µg/kg	920000	ND (1.9)	ND (1.7)	ND (1.9)	ND (1.9)	ND (2.2)	-	ND (1.9)	ND (1.7)	ND (1.9)
Endosulfan II	µg/kg	920000	ND (1.9)	ND (1.7)	ND (1.9)	ND (1.9)	ND (2.2)	-	ND (1.9)	ND (1.7)	ND (1.9)
Endosulfan sulfate	µg/kg	920000	ND (3.8)	ND (3.5)	ND (3.8)	ND (3.9)	ND (4.4)	-	ND (3.9)	ND (3.4)	ND (3.7)
Endrin	µg/kg	410000	ND (1.9)	ND (1.7)	ND (1.9)	ND (1.9)	ND (2.2)	-	ND (1.9)	ND (1.7)	ND (1.9)
Endrin aldehyde	µg/kg	-	ND (1.9)	ND (1.7)	ND (1.9)	ND (1.9)	ND (2.2)	-	ND (1.9)	ND (1.7)	ND (1.9)
Endrin ketone	µg/kg	-	ND (1.9)	ND (1.7)	ND (1.9)	ND (1.9)	ND (2.2)	-	ND (1.9)	ND (1.7)	ND (1.9)
gamma-BHC (lindane)	µg/kg	23000	ND (1.9)	ND (1.7)	ND (1.9)	ND (1.9)	ND (2.2)	-	ND (1.9)	ND (1.7)	ND (1.9)
gamma-Chlordane	µg/kg	-	ND (1.9)	ND (1.7)	ND (1.9)	ND (1.9)	ND (2.2)	-	ND (1.9)	ND (1.7)	ND (1.9)
Heptachlor	µg/kg	29000	ND (1.5)	ND (1.4)	ND (1.5)	ND (1.6)	ND (1.8)	-	ND (1.6)	ND (1.4)	ND (1.5)
Heptachlor epoxide	µg/kg	-	ND (3.8)	ND (3.5)	ND (3.8)	ND (3.9)	ND (4.4)	-	ND (3.9)	ND (3.4)	ND (3.7)
Methoxychlor	µg/kg	-	ND (15)	R	R	R	ND (18)	-	ND (16)	R	ND (15)
Toxaphene	µg/kg	-	ND (9.5)	ND (8.7)	ND (9.6)	ND (9.7)	ND (11)	-	ND (9.7)	ND (8.6)	ND (9.3)
Petroleum Hydrocarbons											
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PD5*	*PD6*	*PD6*	*PD6*	*PD8*	*PD8*	*PD10*	*PD12*	*PD12*
Sample ID:			*PD5C2*	*PD6A1*	*PD6B1*	*PD6C2*	*PD8B2*	*PD8C4+5*	*PD10A1*	*PD12A1*	*PD12B3+4+5*
Sample Date:			*12/7/1993*	*12/7/1993*	*12/7/1993*	*12/7/1993*	*11/29/1993*	*11/29/1993*	*12/6/1993*	*12/7/1993*	*12/7/1993*
Sample Depth:			*10-12 ft BGS*	*1.5-3.5 ft BGS*	*3.5-5.5 ft BGS*	*7.5-9.5 ft BGS*	*4-6 ft BGS*	*20-27 ft BGS*	*3-5 ft BGS*	*2-4 ft BGS*	*8-14 ft BGS*
Parameter	*Units*	*RUSCO Criteria*									
General Chemistry											
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	ND (1200)	ND (1000)	ND (1200)	ND (1100)	ND (1600)	ND (1600)	ND (1200)	ND (1000)	ND (1100)
N-Hexane extractable material	µg/kg	-	-	-	-	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	152000	292000	1310000	345000	340000	392000	440000	366000	230000
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	89000	208000	990000	220000	302000	260000	-	290000	196000
Total solids	%	-	-	-	-	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PD14*	*PD14*	*PD14*	*PD14*	*PD14*	*PD14(A)*	*PD14(A)*	*PD14(B)*	*PD14(C)*
Sample ID:			*PD14B1+2*	*PD14C4*	*PD14C4-FD*	*S-JRR-027*	*S-JRR-028*	*S-JRR-024*	*S-JRR-025*	*S-JRR-030*	*S-JRR-032*
Sample Date:			*12/2/1993*	*12/2/1993*	*12/2/1993*	*8/3/1999*	*8/3/1999*	*8/3/1999*	*8/3/1999*	*8/3/1999*	*8/4/1999*
Sample Depth:			*2-6 ft BGS*	*20-22 ft BGS*	*20-22 ft BGS*	*4-4.5 ft BGS*	*6-6.5 ft BGS*	*4-4.5 ft BGS*	*6-6.5 ft BGS*	*6-6.5 ft BGS*	*4-6 ft BGS*
		RUSCO			*Duplicate*						
Parameter	*Units*	*Criteria*									
Volatiles											
1,1,1-Trichloroethane	µg/kg	1000000	ND (14)	ND (120)	ND (110)	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	ND (14)	ND (120)	ND (110)	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	ND (14)	ND (120)	ND (110)	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	ND (14)	ND (120)	ND (110)	-	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	ND (14)	ND (120)	ND (110)	-	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	ND (14)	ND (120)	ND (110)	-	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	ND (14)	ND (120)	ND (110)	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	ND (14)	ND (120)	ND (110)	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	ND (14)	3400	2200	-	-	-	-	-	-
2-Hexanone	µg/kg	-	ND (14)	ND (120)	ND (110)	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	ND (14)	160	ND (110)	-	-	-	-	-	-
Acetone	µg/kg	1000000	ND (14)	5300	6000	-	-	-	-	-	-
Benzene	µg/kg	89000	ND (14)	ND (120)	ND (110)	-	-	-	-	-	-
Bromodichloromethane	µg/kg	-	ND (14)	ND (120)	ND (110)	-	-	-	-	-	-
Bromoform	µg/kg	-	ND (14)	ND (120)	ND (110)	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	ND (14)	ND (120)	ND (110)	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	ND (14)	110 J	ND (110)	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	ND (14)	ND (120)	ND (110)	-	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	ND (14)	ND (120)	ND (110)	-	-	-	-	-	-
Chloroethane	µg/kg	-	ND (14)	ND (120)	ND (110)	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	ND (14)	ND (120)	ND (110)	-	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	ND (14)	ND (120)	ND (110)	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	ND (14)	ND (120)	ND (110)	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	ND (14)	ND (120)	ND (110)	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	ND (14)	ND (120)	ND (110)	-	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PD14*	*PD14*	*PD14*	*PD14*	*PD14*	*PD14(A)*	*PD14(A)*	*PD14(B)*	*PD14(C)*
Sample ID:			*PD14B1+2*	*PD14C4*	*PD14C4-FD*	*S-JRR-027*	*S-JRR-028*	*S-JRR-024*	*S-JRR-025*	*S-JRR-030*	*S-JRR-032*
Sample Date:			*12/2/1993*	*12/2/1993*	*12/2/1993*	*8/3/1999*	*8/3/1999*	*8/3/1999*	*8/3/1999*	*8/3/1999*	*8/4/1999*
Sample Depth:			*2-6 ft BGS*	*20-22 ft BGS*	*20-22 ft BGS*	*4-4.5 ft BGS*	*6-6.5 ft BGS*	*4-4.5 ft BGS*	*6-6.5 ft BGS*	*6-6.5 ft BGS*	*4-6 ft BGS*
		RUSCO			*Duplicate*						
Parameter	*Units*	*Criteria*									
m&p-Xylenes	µg/kg	-	ND (14)	ND (120)	ND (110)	-	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	ND (14)	ND (120)	ND (110)	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-	-	-	-
Styrene	µg/kg	-	ND (14)	ND (120)	ND (110)	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	ND (14)	ND (120)	ND (110)	-	-	-	-	-	-
Toluene	µg/kg	1000000	ND (14)	600	150	-	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	ND (14)	ND (120)	ND (110)	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	ND (14)	ND (120)	ND (110)	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	ND (14)	ND (120)	ND (110)	-	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	ND (14)	ND (120)	ND (110)	-	-	-	-	-	-
Semi-Volatiles											
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	ND (330)	ND (330)	ND (330)	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PD14*	*PD14*	*PD14*	*PD14*	*PD14*	*PD14(A)*	*PD14(A)*	*PD14(B)*	*PD14(C)*
Sample ID:			*PD14B1+2*	*PD14C4*	*PD14C4-FD*	*S-JRR-027*	*S-JRR-028*	*S-JRR-024*	*S-JRR-025*	*S-JRR-030*	*S-JRR-032*
Sample Date:			*12/2/1993*	*12/2/1993*	*12/2/1993*	*8/3/1999*	*8/3/1999*	*8/3/1999*	*8/3/1999*	*8/3/1999*	*8/4/1999*
Sample Depth:			*2-6 ft BGS*	*20-22 ft BGS*	*20-22 ft BGS*	*4-4.5 ft BGS*	*6-6.5 ft BGS*	*4-4.5 ft BGS*	*6-6.5 ft BGS*	*6-6.5 ft BGS*	*4-6 ft BGS*
		RUSCO			*Duplicate*						
Parameter	*Units*	*Criteria*									
3-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	ND (330)	ND (330)	ND (330)	-	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	ND (330)	ND (330)	ND (330)	-	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	ND (330)	ND (330)	ND (330)	-	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	ND (330)	ND (330)	ND (330)	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	ND (330)	ND (330)	ND (330)	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	ND (330)	ND (330)	ND (330)	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	ND (330)	ND (330)	ND (330)	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	ND (330)	ND (330)	ND (330)	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-	-	-	-	-
Chrysene	µg/kg	110000	ND (330)	ND (330)	ND (330)	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	ND (330)	ND (330)	ND (330)	-	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	ND (330)	ND (330)	ND (330)	-	-	-	-	-	-
Fluorene	µg/kg	1000000	ND (330)	ND (330)	ND (330)	-	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	ND (330)	ND (330)	ND (330)	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PD14*	*PD14*	*PD14*	*PD14*	*PD14*	*PD14(A)*	*PD14(A)*	*PD14(B)*	*PD14(C)*
Sample ID:			*PD14B1+2*	*PD14C4*	*PD14C4-FD*	*S-JRR-027*	*S-JRR-028*	*S-JRR-024*	*S-JRR-025*	*S-JRR-030*	*S-JRR-032*
Sample Date:			*12/2/1993*	*12/2/1993*	*12/2/1993*	*8/3/1999*	*8/3/1999*	*8/3/1999*	*8/3/1999*	*8/3/1999*	*8/4/1999*
Sample Depth:			*2-6 ft BGS*	*20-22 ft BGS*	*20-22 ft BGS*	*4-4.5 ft BGS*	*6-6.5 ft BGS*	*4-4.5 ft BGS*	*6-6.5 ft BGS*	*6-6.5 ft BGS*	*4-6 ft BGS*
		RUSCO			*Duplicate*						
Parameter	*Units*	*Criteria*									
Isophorone	µg/kg	-	-	-	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	ND (330)	ND (330)	ND (330)	-	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-	-	-	-	-
Phenanthrene	µg/kg	1000000	ND (330)	ND (330)	ND (330)	-	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-	-	-	-	-
Pyrene	µg/kg	1000000	ND (330)	ND (330)	ND (330)	-	-	-	-	-	-
Metals											
Aluminum	µg/kg	-	10900000	4380000	15700000	-	-	-	-	-	-
Antimony	µg/kg	-	204000	ND (16900)	91500	-	-	-	-	-	-
Arsenic	µg/kg	16000	**149000**	**144000**	**1190000**	-	-	-	-	-	-
Barium	µg/kg	10000000	136000	63800 B	2270000	-	-	-	-	-	-
Beryllium	µg/kg	2700000	800 B	880 B	1100 B	-	-	-	-	-	-
Cadmium	µg/kg	60000	1200 B	ND (1500)	2600	-	-	-	-	-	-
Calcium	µg/kg	-	12400000	13400000	7650000	-	-	-	-	-	-
Chromium	µg/kg	-	18000	105000	50300	-	-	-	-	-	-
Cobalt	µg/kg	-	5100 B	ND (2600)	39600	-	-	-	-	-	-
Copper	µg/kg	10000000	3570000	609000	**31700000**	-	-	-	-	-	-
Iron	µg/kg	-	18000000	7270000	120000000	-	-	-	-	-	-
Lead	µg/kg	3900000	947000	47600	2470000	-	-	-	-	-	-
Magnesium	µg/kg	-	2280000	9000000	4130000	-	-	-	-	-	-
Manganese	µg/kg	10000000	188000	50200	121000	-	-	-	-	-	-
Mercury	µg/kg	5700	440	ND (180)	230	-	-	-	-	-	-
Nickel	µg/kg	10000000	73000	7400 B	121000	-	-	-	-	-	-
Potassium	µg/kg	-	388000 B	829000 B	5320000	-	-	-	-	-	-
Selenium	µg/kg	6800000	161000	5300	4700	-	-	-	-	-	-
Silver	µg/kg	6800000	123000	ND (2600)	ND (2600)	-	-	-	-	-	-
Sodium	µg/kg	-	447000 B	7630000	6060000	-	-	-	-	-	-
Thallium	µg/kg	-	ND (270)	ND (370)	ND (360)	-	-	-	-	-	-
Vanadium	µg/kg	-	24800	42600	19200	-	-	-	-	-	-
Zinc	µg/kg	10000000	138000	167000	8220000	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PD14*	*PD14*	*PD14*	*PD14*	*PD14*	*PD14(A)*	*PD14(A)*	*PD14(B)*	*PD14(C)*
Sample ID:			*PD14B1+2*	*PD14C4*	*PD14C4-FD*	*S-JRR-027*	*S-JRR-028*	*S-JRR-024*	*S-JRR-025*	*S-JRR-030*	*S-JRR-032*
Sample Date:			*12/2/1993*	*12/2/1993*	*12/2/1993*	*8/3/1999*	*8/3/1999*	*8/3/1999*	*8/3/1999*	*8/3/1999*	*8/4/1999*
Sample Depth:			*2-6 ft BGS*	*20-22 ft BGS*	*20-22 ft BGS*	*4-4.5 ft BGS*	*6-6.5 ft BGS*	*4-4.5 ft BGS*	*6-6.5 ft BGS*	*6-6.5 ft BGS*	*4-6 ft BGS*
		RUSCO			*Duplicate*						
Parameter	*Units*	*Criteria*									
PCBs											
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (9000)	ND (40)	ND (36)	ND (36)	ND (36)	ND (35)	ND (35)	ND (38)	ND (34)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (9000)	ND (40)	ND (36)	ND (72)	ND (72)	ND (72)	ND (71)	ND (76)	ND (70)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (9000)	ND (40)	ND (36)	ND (36)	ND (36)	ND (35)	ND (35)	ND (38)	ND (34)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (9000)	ND (40)	ND (36)	ND (36)	ND (36)	ND (35)	ND (35)	ND (38)	ND (34)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (9000)	ND (40)	ND (36)	ND (36)	ND (36)	ND (35)	ND (35)	ND (38)	ND (34)
Aroclor-1254 (PCB-1254)	µg/kg	-	19000	ND (40)	270	ND (36)	ND (36)	2000	990	37 J	4700
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (9000)	ND (40)	ND (36)	ND (36)	ND (36)	380	190	ND (38)	460
Total PCBs	µg/kg	-	19000	ND	270	ND	ND	2380	1180	37	5160
Pesticides											
4,4'-DDD	µg/kg	180000	ND (900)	ND (4.0)	ND (3.6)	-	-	-	-	-	-
4,4'-DDE	µg/kg	120000	ND (900)	ND (4.0)	ND (3.6)	-	-	-	-	-	-
4,4'-DDT	µg/kg	94000	ND (1800)	ND (7.9)	ND (7.2)	-	-	-	-	-	-
Aldrin	µg/kg	1400	ND (720)	ND (3.2)	ND (2.9)	-	-	-	-	-	-
alpha-BHC	µg/kg	6800	ND (450)	ND (2.0)	ND (1.8)	-	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	ND (900)	ND (4.0)	ND (3.6)	-	-	-	-	-	-
beta-BHC	µg/kg	14000	ND (900)	ND (4.0)	ND (3.6)	-	-	-	-	-	-
delta-BHC	µg/kg	1000000	ND (900)	ND (4.0)	ND (3.6)	-	-	-	-	-	-
Dieldrin	µg/kg	2800	ND (900)	ND (4.0)	ND (3.6)	-	-	-	-	-	-
Endosulfan I	µg/kg	920000	ND (900)	ND (4.0)	ND (3.6)	-	-	-	-	-	-
Endosulfan II	µg/kg	920000	ND (900)	ND (4.0)	ND (3.6)	-	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	ND (1800)	ND (7.9)	ND (7.2)	-	-	-	-	-	-
Endrin	µg/kg	410000	ND (900)	ND (4.0)	ND (3.6)	-	-	-	-	-	-
Endrin aldehyde	µg/kg	-	ND (900)	ND (4.0)	ND (3.6)	-	-	-	-	-	-
Endrin ketone	µg/kg	-	ND (900)	ND (4.0)	ND (3.6)	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	ND (900)	ND (4.0)	ND (3.6)	-	-	-	-	-	-
gamma-Chlordane	µg/kg	-	ND (900)	ND (4.0)	ND (3.6)	-	-	-	-	-	-
Heptachlor	µg/kg	29000	ND (720)	ND (3.2)	ND (2.9)	-	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	ND (1800)	ND (7.9)	ND (7.2)	-	-	-	-	-	-
Methoxychlor	µg/kg	-	ND (7200)	ND (32)	ND (29)	-	-	-	-	-	-
Toxaphene	µg/kg	-	ND (4500)	ND (20)	ND (18)	-	-	-	-	-	-
Petroleum Hydrocarbons											
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PD14*	*PD14*	*PD14*	*PD14*	*PD14*	*PD14(A)*	*PD14(A)*	*PD14(B)*	*PD14(C)*
Sample ID:			*PD14B1+2*	*PD14C4*	*PD14C4-FD*	*S-JRR-027*	*S-JRR-028*	*S-JRR-024*	*S-JRR-025*	*S-JRR-030*	*S-JRR-032*
Sample Date:			*12/2/1993*	*12/2/1993*	*12/2/1993*	*8/3/1999*	*8/3/1999*	*8/3/1999*	*8/3/1999*	*8/3/1999*	*8/4/1999*
Sample Depth:			*2-6 ft BGS*	*20-22 ft BGS*	*20-22 ft BGS*	*4-4.5 ft BGS*	*6-6.5 ft BGS*	*4-4.5 ft BGS*	*6-6.5 ft BGS*	*6-6.5 ft BGS*	*4-6 ft BGS*
		RUSCO			*Duplicate*						
Parameter	*Units*	*Criteria*									
General Chemistry											
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	2000	ND (1800)	ND (1800)	-	-	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	11400000	1000000	989000	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	7910000	699000	680000	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PD14(C)*	*PD16*	*PD16*	*PD16*	*PD17*	*PD17*	*PD19*	*PD21*	*PD23*	*PD23*
Sample ID:			*S-JRR-033*	*PD16A1*	*PD16B1*	*PD16C1+2*	*PD17C1*	*PD17C1-FD*	*PD19C1*	*PD21A+B1*	*PD23A1*	*PD23B1+2*
Sample Date:			*8/4/1999*	*12/9/1993*	*12/9/1993*	*12/9/1993*	*12/7/1993*	*12/7/1993*	*12/6/1993*	*12/7/1993*	*12/6/1993*	*12/6/1993*
Sample Depth:			*8-10 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6-10 ft BGS*	*5-7 ft BGS*	*5-7 ft BGS*	*5.5-7.5 ft BGS*	*1-5 ft BGS*	*2-4 ft BGS*	*4-8 ft BGS*
		RUSCO						*Duplicate*				
Parameter	*Units*	*Criteria*										
Volatiles												
1,1,1-Trichloroethane	µg/kg	1000000	-	ND (11)	ND (12)	ND (12)	ND (16)	ND (16)	ND (11)	ND (64)	ND (12)	ND (1600)
1,1,2,2-Tetrachloroethane	µg/kg	-	-	ND (11)	ND (12)	ND (12)	ND (16)	ND (16)	ND (11)	ND (64)	ND (12)	ND (1600)
1,1,2-Trichloroethane	µg/kg	-	-	ND (11)	ND (12)	ND (12)	ND (16)	ND (16)	ND (11)	ND (64)	ND (12)	ND (1600)
1,1-Dichloroethane	µg/kg	480000	-	ND (11)	ND (12)	ND (12)	ND (16)	ND (16)	ND (11)	ND (64)	ND (12)	ND (1600)
1,1-Dichloroethene	µg/kg	1000000	-	ND (11)	ND (12)	ND (12)	ND (16)	ND (16)	ND (11)	ND (64)	ND (12)	ND (1600)
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	ND (11)	ND (12)	ND (12)	ND (16)	ND (16)	ND (11)	ND (64)	ND (12)	ND (1600)
1,2-Dichloroethene (total)	µg/kg	-	-	ND (11)	ND (12)	ND (12)	ND (16)	ND (16)	ND (11)	ND (64)	ND (12)	ND (1600)
1,2-Dichloropropane	µg/kg	-	-	ND (11)	ND (12)	ND (12)	ND (16)	ND (16)	ND (11)	ND (64)	ND (12)	ND (1600)
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	ND (11)	ND (12)	ND (12)	ND (16)	ND (10)	ND (11)	ND (64)	ND (12)	ND (1600)
2-Hexanone	µg/kg	-	-	ND (11)	ND (12)	ND (12)	ND (16)	ND (16)	ND (11)	ND (64)	ND (12)	ND (1600)
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	ND (11)	ND (12)	ND (12)	ND (16)	ND (10)	ND (11)	ND (64)	ND (12)	ND (1600)
Acetone	µg/kg	1000000	-	ND (11)	ND (12)	ND (12)	ND (16)	69	ND (11)	ND (64)	ND (12)	ND (1600)
Benzene	µg/kg	89000	-	ND (11)	ND (12)	ND (12)	ND (16)	ND (16)	ND (11)	ND (64)	ND (12)	ND (1600)
Bromodichloromethane	µg/kg	-	-	ND (11)	ND (12)	ND (12)	ND (16)	ND (16)	ND (11)	ND (64)	ND (12)	ND (1600)
Bromoform	µg/kg	-	-	ND (11)	ND (12)	ND (12)	ND (16)	ND (16)	ND (11)	ND (64)	ND (12)	ND (1600)
Bromomethane (Methyl bromide)	µg/kg	-	-	ND (11)	ND (12)	ND (12)	ND (16)	ND (16)	ND (11)	ND (64)	ND (12)	ND (1600)
Carbon disulfide	µg/kg	-	-	ND (11)	ND (12)	ND (12)	ND (16)	ND (16)	ND (11)	ND (64)	ND (12)	ND (1600)
Carbon tetrachloride	µg/kg	44000	-	ND (11)	ND (12)	ND (12)	ND (16)	ND (16)	ND (11)	ND (64)	ND (12)	ND (1600)
Chlorobenzene	µg/kg	1000000	-	ND (11)	ND (12)	ND (12)	ND (16)	ND (16)	ND (11)	ND (64)	ND (12)	ND (1600)
Chloroethane	µg/kg	-	-	ND (11)	ND (12)	ND (12)	ND (16)	ND (16)	ND (11)	ND (64)	ND (12)	ND (1600)
Chloroform (Trichloromethane)	µg/kg	700000	-	ND (11)	ND (12)	ND (12)	ND (16)	ND (16)	ND (11)	ND (64)	ND (12)	ND (1600)
Chloromethane (Methyl chloride)	µg/kg	-	-	ND (11)	ND (12)	ND (12)	ND (16)	ND (16)	ND (11)	ND (64)	ND (12)	ND (1600)
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	ND (16)	ND (16)	-	ND (64)	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	ND (11)	ND (12)	ND (12)	ND (16)	ND (16)	ND (11)	ND (64)	ND (12)	ND (1600)
Cyclohexane	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	ND (11)	ND (12)	ND (12)	ND (16)	ND (16)	ND (11)	ND (64)	ND (12)	ND (1600)
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	ND (11)	ND (12)	ND (12)	ND (16)	ND (16)	ND (11)	ND (64)	ND (12)	ND (1600)
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PD14(C)*	*PD16*	*PD16*	*PD16*	*PD17*	*PD17*	*PD19*	*PD21*	*PD23*	*PD23*
Sample ID:			*S-JRR-033*	*PD16A1*	*PD16B1*	*PD16C1+2*	*PD17C1*	*PD17C1-FD*	*PD19C1*	*PD21A+B1*	*PD23A1*	*PD23B1+2*
Sample Date:			*8/4/1999*	*12/9/1993*	*12/9/1993*	*12/9/1993*	*12/7/1993*	*12/7/1993*	*12/6/1993*	*12/7/1993*	*12/6/1993*	*12/6/1993*
Sample Depth:			*8-10 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6-10 ft BGS*	*5-7 ft BGS*	*5-7 ft BGS*	*5.5-7.5 ft BGS*	*1-5 ft BGS*	*2-4 ft BGS*	*4-8 ft BGS*
		RUSCO						*Duplicate*				
Parameter	*Units*	*Criteria*										
m&p-Xylenes	µg/kg	-	-	ND (11)	ND (12)	ND (12)	ND (16)	ND (16)	ND (11)	ND (64)	ND (12)	ND (1600)
Methyl acetate	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	ND (11)	ND (12)	ND (12)	ND (16)	ND (16)	ND (11)	ND (64)	ND (12)	380 J
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Styrene	µg/kg	-	-	ND (11)	ND (12)	ND (12)	ND (16)	ND (16)	ND (11)	ND (64)	ND (12)	ND (1600)
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	ND (11)	ND (12)	ND (12)	ND (16)	ND (16)	ND (11)	ND (64)	ND (12)	ND (1600)
Toluene	µg/kg	1000000	-	ND (11)	ND (12)	ND (12)	ND (16)	ND (16)	ND (11)	ND (64)	ND (12)	ND (1600)
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	ND (11)	ND (12)	ND (12)	ND (16)	ND (16)	ND (11)	ND (64)	ND (12)	ND (1600)
Trichloroethene	µg/kg	400000	-	ND (11)	ND (12)	ND (12)	ND (16)	ND (16)	3 J	ND (64)	ND (12)	ND (1600)
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	ND (11)	ND (12)	ND (12)	ND (16)	ND (16)	ND (11)	ND (64)	ND (12)	ND (1600)
Xylenes (total)	µg/kg	1000000	-	ND (11)	ND (12)	ND (12)	ND (16)	ND (16)	ND (11)	ND (64)	ND (12)	ND (1600)
Semi-Volatiles												
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
2-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PD14(C)*	*PD16*	*PD16*	*PD16*	*PD17*	*PD17*	*PD19*	*PD21*	*PD23*	*PD23*
Sample ID:			*S-JRR-033*	*PD16A1*	*PD16B1*	*PD16C1+2*	*PD17C1*	*PD17C1-FD*	*PD19C1*	*PD21A+B1*	*PD23A1*	*PD23B1+2*
Sample Date:			*8/4/1999*	*12/9/1993*	*12/9/1993*	*12/9/1993*	*12/7/1993*	*12/7/1993*	*12/6/1993*	*12/7/1993*	*12/6/1993*	*12/6/1993*
Sample Depth:			*8-10 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6-10 ft BGS*	*5-7 ft BGS*	*5-7 ft BGS*	*5.5-7.5 ft BGS*	*1-5 ft BGS*	*2-4 ft BGS*	*4-8 ft BGS*
		RUSCO						*Duplicate*				
Parameter	*Units*	*Criteria*										
3-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Acenaphthylene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Atrazine	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Benzo(a)pyrene	µg/kg	1100	-	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Benzo(b)fluoranthene	µg/kg	11000	-	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Benzo(g,h,i)perylene	µg/kg	1000000	-	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Benzo(k)fluoranthene	µg/kg	110000	-	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Diethyl phthalate	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Fluorene	µg/kg	1000000	-	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PD14(C)*	*PD16*	*PD16*	*PD16*	*PD17*	*PD17*	*PD19*	*PD21*	*PD23*	*PD23*
Sample ID:			*S-JRR-033*	*PD16A1*	*PD16B1*	*PD16C1+2*	*PD17C1*	*PD17C1-FD*	*PD19C1*	*PD21A+B1*	*PD23A1*	*PD23B1+2*
Sample Date:			*8/4/1999*	*12/9/1993*	*12/9/1993*	*12/9/1993*	*12/7/1993*	*12/7/1993*	*12/6/1993*	*12/7/1993*	*12/6/1993*	*12/6/1993*
Sample Depth:			*8-10 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6-10 ft BGS*	*5-7 ft BGS*	*5-7 ft BGS*	*5.5-7.5 ft BGS*	*1-5 ft BGS*	*2-4 ft BGS*	*4-8 ft BGS*
		RUSCO						*Duplicate*				
Parameter	*Units*	*Criteria*										
Isophorone	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Nitrobenzene	µg/kg	140000	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Phenol	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
Pyrene	µg/kg	1000000	-	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	5500	ND (330)	ND (330)
Metals												
Aluminum	µg/kg	-	-	3860000	5310000	9350000	12000000	11900000	810000	4190000	3420000	4590000
Antimony	µg/kg	-	-	ND (10300)	ND (11400)	ND (11000)	ND (14600)	ND (14600)	ND (9600)	ND (11900)	ND (11800)	ND (12800)
Arsenic	µg/kg	16000	-	ND (6700)	**31100**	**16100**	**17000**	**21500**	16000	15800	**140000**	12500
Barium	µg/kg	10000000	-	30600 B	103000	48900	677000	675000	119000	144000	135000	131000
Beryllium	µg/kg	2700000	-	690 B	830 B	800 B	1100 B	1100 B	450 B	900 B	400 B	1000 B
Cadmium	µg/kg	60000	-	ND (890)	ND (1000)	ND (960)	ND (1300)	1700	2600	1100 B	ND (1000)	1500
Calcium	µg/kg	-	-	1780000	3380000	1880000	4670000	4670000	1470000	21400000	26900000	3410000
Chromium	µg/kg	-	-	9400	13300	19400	38400	39600	12700	13200	64700	19900
Cobalt	µg/kg	-	-	8600 B	13500	18100	103000	103000	802000	59800	7200 B	6100 B
Copper	µg/kg	10000000	-	2520000	1300000	336000	715000	706000	5280000	**20400000**	1540000	859000
Iron	µg/kg	-	-	13000000	21200000	13600000	37100000	37200000	131000000	31200000	20700000	52800000
Lead	µg/kg	3900000	-	45000	252000	37700	2180000	2180000	202000	221000	**4390000**	528000
Magnesium	µg/kg	-	-	1590000	1890000	2790000	4140000	4170000	910000 B	1810000	1220000 B	1100000 B
Manganese	µg/kg	10000000	-	158000	78900	189000	232000	230000	467000	223000	125000	111000
Mercury	µg/kg	5700	-	370	1100	1400	2300	2400	ND (100)	ND (130)	**7100**	2000
Nickel	µg/kg	10000000	-	37400	42300	237000	39400	39200	46800	50400	25400	38800
Potassium	µg/kg	-	-	1330000	3370000	1840000	1470000 B	1330000 B	148000 B	197000 B	969000 B	2970000
Selenium	µg/kg	6800000	-	2100	1800	ND (720)	ND (960)	5500	ND (4200)	6200	ND (510)	ND (5600)
Silver	µg/kg	6800000	-	4200	ND (1700)	ND (1700)	ND (2200)	ND (2200)	ND (1500)	ND (1800)	5100	ND (2000)
Sodium	µg/kg	-	-	185000 B	185000 B	226000 B	874000 B	882000 B	144000 B	309000 B	744000 B	1550000
Thallium	µg/kg	-	-	780 B	920 B	840 B	ND (320)	ND (320)	ND (210)	ND (260)	460 B	ND (280)
Vanadium	µg/kg	-	-	11300	16400	31300	32100	32400	ND (2900)	20200	10700 B	43500
Zinc	µg/kg	10000000	-	165000	403000	547000	2210000	2220000	7400000	1110000	126000	208000

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PD14(C)*	*PD16*	*PD16*	*PD16*	*PD17*	*PD17*	*PD19*	*PD21*	*PD23*	*PD23*
Sample ID:			*S-JRR-033*	*PD16A1*	*PD16B1*	*PD16C1+2*	*PD17C1*	*PD17C1-FD*	*PD19C1*	*PD21A+B1*	*PD23A1*	*PD23B1+2*
Sample Date:			*8/4/1999*	*12/9/1993*	*12/9/1993*	*12/9/1993*	*12/7/1993*	*12/7/1993*	*12/6/1993*	*12/7/1993*	*12/6/1993*	*12/6/1993*
Sample Depth:			*8-10 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6-10 ft BGS*	*5-7 ft BGS*	*5-7 ft BGS*	*5.5-7.5 ft BGS*	*1-5 ft BGS*	*2-4 ft BGS*	*4-8 ft BGS*
		RUSCO						*Duplicate*				
Parameter	*Units*	*Criteria*										
PCBs												
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (39)	ND (38)	ND (41)	ND (41)	ND (26)	ND (26)	ND (18)	ND (21)	ND (20)	ND (22)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (80)	ND (76)	ND (82)	ND (82)	ND (26)	ND (26)	ND (18)	ND (21)	ND (20)	ND (22)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (39)	ND (38)	ND (41)	ND (41)	ND (26)	ND (26)	ND (18)	ND (21)	ND (20)	ND (22)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (39)	ND (38)	ND (41)	ND (41)	ND (26)	ND (26)	ND (18)	ND (21)	ND (20)	ND (22)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (39)	ND (38)	400 P	ND (41)	ND (26)	ND (26)	ND (18)	ND (21)	ND (20)	ND (22)
Aroclor-1254 (PCB-1254)	µg/kg	-	300	ND (38)	ND (41)	ND (41)	ND (26)	ND (26)	ND (18)	ND (21)	ND (20)	ND (22)
Aroclor-1260 (PCB-1260)	µg/kg	-	37 J	ND (38)	ND (41)	ND (41)	ND (26)	ND (26)	ND (18)	ND (21)	ND (20)	ND (22)
Total PCBs	µg/kg	-	337	ND	400	ND	ND	ND	ND	ND	ND	ND
Pesticides												
4,4'-DDD	µg/kg	180000	-	ND (3.8)	ND (4.1)	ND (4.1)	ND (2.6)	ND (2.6)	ND (1.8)	ND (2.1)	ND (2.0)	ND (2.2)
4,4'-DDE	µg/kg	120000	-	ND (3.8)	2.2 JP	ND (4.1)	ND (2.6)	ND (2.6)	ND (1.8)	ND (2.1)	ND (2.0)	ND (2.2)
4,4'-DDT	µg/kg	94000	-	ND (3.8)	ND (4.1)	ND (4.1)	R	R	ND (3.6)	ND (4.3)	ND (3.9)	ND (4.4)
Aldrin	µg/kg	1400	-	ND (1.9)	1.7 JP	ND (2.1)	ND (2.1)	ND (2.1)	ND (1.4)	ND (1.7)	ND (1.6)	ND (1.8)
alpha-BHC	µg/kg	6800	-	ND (1.9)	ND (2.1)	ND (2.1)	ND (1.3)	ND (1.3)	ND (0.91)	ND (1.1)	ND (0.98)	ND (1.1)
alpha-Chlordane	µg/kg	47000	-	ND (1.9)	ND (2.1)	ND (2.1)	ND (2.6)	ND (2.6)	ND (1.8)	ND (2.1)	ND (2.0)	ND (2.2)
beta-BHC	µg/kg	14000	-	ND (1.9)	ND (2.1)	ND (2.1)	ND (2.6)	ND (2.6)	ND (1.8)	ND (2.1)	ND (2.0)	ND (2.2)
delta-BHC	µg/kg	1000000	-	ND (1.9)	ND (2.1)	ND (2.1)	ND (2.6)	ND (2.6)	ND (1.8)	ND (2.1)	ND (2.0)	ND (2.2)
Dieldrin	µg/kg	2800	-	ND (3.8)	ND (4.1)	ND (4.1)	ND (2.6)	ND (2.6)	ND (1.8)	ND (2.1)	ND (2.0)	ND (2.2)
Endosulfan I	µg/kg	920000	-	ND (1.9)	ND (2.1)	ND (2.1)	ND (2.6)	ND (2.6)	ND (1.8)	ND (2.1)	ND (2.0)	ND (2.2)
Endosulfan II	µg/kg	920000	-	ND (3.8)	ND (4.1)	ND (4.1)	ND (2.6)	ND (2.6)	ND (1.8)	ND (2.1)	ND (2.0)	ND (2.2)
Endosulfan sulfate	µg/kg	920000	-	ND (3.8)	ND (4.1)	ND (4.1)	ND (5.1)	ND (5.2)	ND (3.6)	ND (4.3)	ND (3.9)	ND (4.4)
Endrin	µg/kg	410000	-	2.6 JP	ND (4.1)	ND (4.1)	ND (2.6)	ND (2.6)	ND (1.8)	ND (2.1)	ND (2.0)	ND (2.2)
Endrin aldehyde	µg/kg	-	-	1.2 JP	ND (4.1)	ND (4.1)	ND (2.6)	ND (2.6)	ND (1.8)	ND (2.1)	ND (2.0)	ND (2.2)
Endrin ketone	µg/kg	-	-	ND (3.8)	ND (4.1)	ND (4.1)	ND (2.6)	ND (2.6)	ND (1.8)	ND (2.1)	ND (2.0)	ND (2.2)
gamma-BHC (lindane)	µg/kg	23000	-	ND (1.9)	ND (2.1)	ND (2.1)	ND (2.6)	ND (2.6)	ND (1.8)	ND (2.1)	ND (2.0)	ND (2.2)
gamma-Chlordane	µg/kg	-	-	ND (1.9)	ND (2.1)	ND (2.1)	ND (2.6)	ND (2.6)	ND (1.8)	ND (2.1)	ND (2.0)	ND (2.2)
Heptachlor	µg/kg	29000	-	ND (1.9)	ND (2.1)	ND (2.1)	ND (2.1)	ND (2.1)	ND (1.4)	ND (1.7)	ND (1.6)	ND (1.8)
Heptachlor epoxide	µg/kg	-	-	ND (1.9)	ND (2.1)	ND (2.1)	ND (5.1)	ND (5.2)	ND (3.6)	ND (4.3)	ND (3.9)	ND (4.4)
Methoxychlor	µg/kg	-	-	2.7 JP	ND (21)	ND (21)	R	R	ND (14)	ND (17)	ND (16)	ND (18)
Toxaphene	µg/kg	-	-	ND (190)	ND (210)	ND (210)	ND (13)	ND (13)	ND (9.1)	ND (11)	ND (9.8)	ND (11)
Petroleum Hydrocarbons												
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PD14(C)*	*PD16*	*PD16*	*PD16*	*PD17*	*PD17*	*PD19*	*PD21*	*PD23*	*PD23*
Sample ID:			*S-JRR-033*	*PD16A1*	*PD16B1*	*PD16C1+2*	*PD17C1*	*PD17C1-FD*	*PD19C1*	*PD21A+B1*	*PD23A1*	*PD23B1+2*
Sample Date:			*8/4/1999*	*12/9/1993*	*12/9/1993*	*12/9/1993*	*12/7/1993*	*12/7/1993*	*12/6/1993*	*12/7/1993*	*12/6/1993*	*12/6/1993*
Sample Depth:			*8-10 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6-10 ft BGS*	*5-7 ft BGS*	*5-7 ft BGS*	*5.5-7.5 ft BGS*	*1-5 ft BGS*	*2-4 ft BGS*	*4-8 ft BGS*
		RUSCO						*Duplicate*				
Parameter	*Units*	*Criteria*										
General Chemistry												
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	ND (1100)	ND (1200)	ND (1200)	ND (1600)	ND (1600)	ND (1000)	ND (1300)	ND (1300)	ND (1400)
N-Hexane extractable material	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	506000	646000	728000	238000	-	237000	56400000	748000	8540000
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	178000	248000	620000	157000	-	175000	41100000	562000	6770000
Total solids	%	-	-	-	-	-	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PD23*	*PD26*	*PD26*	*PD26*	*PD27*	*PD28*	*PD28*	*PD28*	*PD29*	*PD29*
Sample ID:			*PD23C2+3*	*PD26A1*	*PD26B1*	*PD26C1*	*PD27C1*	*PD28A1*	*PD28B1*	*PD28C2*	*PD29A1*	*PD29A1-FD*
Sample Date:			*12/6/1993*	*12/7/1993*	*12/7/1993*	*12/7/1993*	*12/7/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*
Sample Depth:			*8-12 ft BGS*	*1-3 ft BGS*	*4-6 ft BGS*	*8-10 ft BGS*	*8-10 ft BGS*	*1.5-3.5 ft BGS*	*5-7 ft BGS*	*9-11 ft BGS*	*1-3 ft BGS*	*1-3 ft BGS*
Parameter	*Units*	*RUSCO Criteria*										*Duplicate*
Volatiles												
1,1,1-Trichloroethane	µg/kg	1000000	ND (73)	ND (12)	ND (1400)	ND (14)	ND (75)	ND (11)	ND (13)	ND (12)	ND (12)	ND (12)
1,1,2,2-Tetrachloroethane	µg/kg	-	ND (73)	ND (12)	ND (1400)	ND (14)	ND (75)	ND (11)	ND (13)	ND (12)	ND (12)	ND (12)
1,1,2-Trichloroethane	µg/kg	-	ND (73)	ND (12)	ND (1400)	ND (14)	ND (75)	ND (11)	ND (13)	ND (12)	ND (12)	ND (12)
1,1-Dichloroethane	µg/kg	480000	ND (73)	ND (12)	ND (1400)	ND (14)	ND (75)	ND (11)	ND (13)	ND (12)	ND (12)	ND (12)
1,1-Dichloroethene	µg/kg	1000000	ND (73)	ND (12)	ND (1400)	ND (14)	ND (75)	ND (11)	ND (13)	ND (12)	ND (12)	ND (12)
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	ND (73)	ND (12)	ND (1400)	ND (14)	ND (75)	ND (11)	ND (13)	ND (12)	ND (12)	ND (12)
1,2-Dichloroethene (total)	µg/kg	-	ND (73)	ND (12)	ND (1400)	ND (14)	ND (75)	ND (11)	ND (13)	ND (12)	ND (12)	ND (12)
1,2-Dichloropropane	µg/kg	-	ND (73)	ND (12)	ND (1400)	ND (14)	ND (75)	ND (11)	ND (13)	ND (12)	ND (12)	ND (12)
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	ND (73)	ND (12)	ND (1400)	ND (14)	76	ND (11)	6 J	ND (12)	ND (12)	ND (12)
2-Hexanone	µg/kg	-	ND (73)	ND (12)	ND (1400)	ND (14)	ND (75)	ND (11)	ND (13)	ND (12)	ND (12)	ND (12)
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	ND (73)	ND (12)	ND (1400)	ND (14)	ND (75)	ND (11)	ND (13)	ND (12)	ND (12)	ND (12)
Acetone	µg/kg	1000000	95	ND (12)	ND (1400)	26	360	ND (11)	54	20	8 J	ND (12)
Benzene	µg/kg	89000	ND (73)	ND (12)	ND (1400)	ND (14)	ND (75)	ND (11)	ND (13)	ND (12)	ND (12)	ND (12)
Bromodichloromethane	µg/kg	-	ND (73)	ND (12)	ND (1400)	ND (14)	ND (75)	ND (11)	ND (13)	ND (12)	ND (12)	ND (12)
Bromoform	µg/kg	-	ND (73)	ND (12)	ND (1400)	ND (14)	ND (75)	ND (11)	ND (13)	ND (12)	ND (12)	ND (12)
Bromomethane (Methyl bromide)	µg/kg	-	ND (73)	ND (12)	ND (1400)	ND (14)	ND (75)	ND (11)	ND (13)	ND (12)	ND (12)	ND (12)
Carbon disulfide	µg/kg	-	ND (73)	ND (12)	ND (1400)	ND (14)	ND (75)	ND (11)	ND (13)	ND (12)	ND (12)	ND (12)
Carbon tetrachloride	µg/kg	44000	ND (73)	ND (12)	ND (1400)	ND (14)	ND (75)	ND (11)	ND (13)	ND (12)	ND (12)	ND (12)
Chlorobenzene	µg/kg	1000000	ND (73)	ND (12)	ND (1400)	ND (14)	ND (75)	ND (11)	ND (13)	ND (12)	ND (12)	ND (12)
Chloroethane	µg/kg	-	ND (73)	ND (12)	ND (1400)	ND (14)	ND (75)	ND (11)	ND (13)	ND (12)	ND (12)	ND (12)
Chloroform (Trichloromethane)	µg/kg	700000	ND (73)	ND (12)	ND (1400)	ND (14)	ND (75)	ND (11)	ND (13)	ND (12)	ND (12)	ND (12)
Chloromethane (Methyl chloride)	µg/kg	-	ND (73)	ND (12)	ND (1400)	ND (14)	ND (75)	ND (11)	ND (13)	ND (12)	ND (12)	ND (12)
cis-1,2-Dichloroethene	µg/kg	1000000	-	ND (12)	ND (1400)	ND (14)	ND (75)	-	-	-	ND (12)	ND (12)
cis-1,3-Dichloropropene	µg/kg	-	ND (73)	ND (12)	ND (1400)	ND (14)	ND (75)	ND (11)	ND (13)	ND (12)	ND (12)	ND (12)
Cyclohexane	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	ND (73)	ND (12)	ND (1400)	ND (14)	ND (75)	ND (11)	ND (13)	ND (12)	ND (12)	ND (12)
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	ND (73)	ND (12)	ND (1400)	ND (14)	ND (75)	ND (11)	ND (13)	ND (12)	ND (12)	ND (12)
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PD23*	*PD26*	*PD26*	*PD26*	*PD27*	*PD28*	*PD28*	*PD28*	*PD29*	*PD29*
Sample ID:			*PD23C2+3*	*PD26A1*	*PD26B1*	*PD26C1*	*PD27C1*	*PD28A1*	*PD28B1*	*PD28C2*	*PD29A1*	*PD29A1-FD*
Sample Date:			*12/6/1993*	*12/7/1993*	*12/7/1993*	*12/7/1993*	*12/7/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*
Sample Depth:			*8-12 ft BGS*	*1-3 ft BGS*	*4-6 ft BGS*	*8-10 ft BGS*	*8-10 ft BGS*	*1.5-3.5 ft BGS*	*5-7 ft BGS*	*9-11 ft BGS*	*1-3 ft BGS*	*1-3 ft BGS*
Parameter	*Units*	*RUSCO Criteria*										*Duplicate*
m&p-Xylenes	µg/kg	-	ND (73)	ND (12)	ND (1400)	ND (14)	ND (75)	ND (11)	ND (13)	ND (12)	ND (12)	ND (12)
Methyl acetate	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	ND (73)	ND (12)	290 J	ND (14)	9 J	ND (11)	ND (13)	ND (12)	ND (12)	ND (12)
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Styrene	µg/kg	-	ND (73)	ND (12)	ND (1400)	ND (14)	ND (75)	ND (11)	ND (13)	ND (12)	ND (12)	ND (12)
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	ND (73)	ND (12)	ND (1400)	ND (14)	ND (75)	ND (11)	ND (13)	ND (12)	ND (12)	ND (12)
Toluene	µg/kg	1000000	ND (73)	ND (12)	ND (1400)	ND (14)	ND (75)	ND (11)	1 J	ND (12)	ND (12)	ND (12)
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	ND (73)	ND (12)	ND (1400)	ND (14)	ND (75)	ND (11)	ND (13)	ND (12)	ND (12)	ND (12)
Trichloroethene	µg/kg	400000	ND (73)	ND (12)	ND (1400)	ND (14)	ND (75)	ND (11)	ND (13)	ND (12)	ND (12)	ND (12)
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	ND (73)	ND (12)	ND (1400)	ND (14)	ND (75)	ND (11)	ND (13)	ND (12)	ND (12)	ND (12)
Xylenes (total)	µg/kg	1000000	ND (73)	ND (12)	ND (1400)	ND (14)	ND (75)	ND (11)	ND (13)	ND (12)	ND (12)	ND (12)
Semi-Volatiles												
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
2-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PD23*	*PD26*	*PD26*	*PD26*	*PD27*	*PD28*	*PD28*	*PD28*	*PD29*	*PD29*
Sample ID:			*PD23C2+3*	*PD26A1*	*PD26B1*	*PD26C1*	*PD27C1*	*PD28A1*	*PD28B1*	*PD28C2*	*PD29A1*	*PD29A1-FD*
Sample Date:			*12/6/1993*	*12/7/1993*	*12/7/1993*	*12/7/1993*	*12/7/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*
Sample Depth:			*8-12 ft BGS*	*1-3 ft BGS*	*4-6 ft BGS*	*8-10 ft BGS*	*8-10 ft BGS*	*1.5-3.5 ft BGS*	*5-7 ft BGS*	*9-11 ft BGS*	*1-3 ft BGS*	*1-3 ft BGS*
Parameter	*Units*	*RUSCO Criteria*										*Duplicate*
3-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Acenaphthylene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Atrazine	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	ND (330)	1500	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Benzo(a)pyrene	µg/kg	1100	ND (330)	**1300**	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Benzo(b)fluoranthene	µg/kg	11000	ND (330)	2200	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Benzo(g,h,i)perylene	µg/kg	1000000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Benzo(k)fluoranthene	µg/kg	110000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Chrysene	µg/kg	110000	ND (330)	1500	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Diethyl phthalate	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	ND (330)	3000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Fluorene	µg/kg	1000000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PD23*	*PD26*	*PD26*	*PD26*	*PD27*	*PD28*	*PD28*	*PD28*	*PD29*	*PD29*
Sample ID:			*PD23C2+3*	*PD26A1*	*PD26B1*	*PD26C1*	*PD27C1*	*PD28A1*	*PD28B1*	*PD28C2*	*PD29A1*	*PD29A1-FD*
Sample Date:			*12/6/1993*	*12/7/1993*	*12/7/1993*	*12/7/1993*	*12/7/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*
Sample Depth:			*8-12 ft BGS*	*1-3 ft BGS*	*4-6 ft BGS*	*8-10 ft BGS*	*8-10 ft BGS*	*1.5-3.5 ft BGS*	*5-7 ft BGS*	*9-11 ft BGS*	*1-3 ft BGS*	*1-3 ft BGS*
Parameter	*Units*	*RUSCO Criteria*										*Duplicate*
Isophorone	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Nitrobenzene	µg/kg	140000	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-	-	-	-	-	-
Phenanthrene	µg/kg	1000000	ND (330)	1500	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Phenol	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
Pyrene	µg/kg	1000000	ND (330)	3000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Metals												
Aluminum	µg/kg	-	5110000	5080000	4510000	7530000	18300000	9700000	4930000	8320000	5130000	5070000
Antimony	µg/kg	-	42300	ND (11200)	ND (10700)	ND (12300)	ND (15100)	72500	ND (11000)	ND (13300)	ND (11500)	ND (11400)
Arsenic	µg/kg	16000	**357000**	**114000**	**137000**	13900	10700	**397000**	**82500 B**	9100	**42400**	**52700**
Barium	µg/kg	10000000	73600	69500	147000	33600 B	37500 B	284000	22300 B	60700	54700	54300
Beryllium	µg/kg	2700000	980 B	950 B	470 B	970 B	2000	3400	450 B	1100 B	ND (250)	ND (250)
Cadmium	µg/kg	60000	ND (1300)	4600	**380000**	17900	5500	21800	ND (960)	ND (1200)	ND (1000)	ND (990)
Calcium	µg/kg	-	2000000	15600000	7040000	3300000	2570000	37500000	2120000	2590000	10700000	10500000
Chromium	µg/kg	-	20500	14800	34300	25200	36900	163000	13800	19500	26500	27300
Cobalt	µg/kg	-	6700 B	25800	629000	145000	34800	100000	10000 B	9400 B	95800	94500
Copper	µg/kg	10000000	1420000	**48400000**	**20600000**	1820000	529000	**273000000**	1110000	812000	**64600000**	**64000000**
Iron	µg/kg	-	80300000	27700000	121000000	38800000	41100000	44900000	15400000	20700000	133000000	131000000
Lead	µg/kg	3900000	278000	488000	680000	61100	55600	2940000	31300	117000	356000	339000
Magnesium	µg/kg	-	1570000 B	1570000	1370000	4050000	7330000	7030000	2620000	4660000	2500000	2480000
Manganese	µg/kg	10000000	104000	138000	510000	307000	457000	342000	195000	267000	239000	236000
Mercury	µg/kg	5700	900	820	ND (120)	170	ND (160)	1300	190	270	550	470
Nickel	µg/kg	10000000	54400	351000	274000	42500	38900	1770000	25200	23700	60400	59500
Potassium	µg/kg	-	9280000 B	252000 B	361000 B	1360000	3310000	879000 B	861000 B	1590000	ND (94800)	ND (94400)
Selenium	µg/kg	6800000	ND (640)	28300	14600	870 B	ND (990)	312000	ND (7200)	ND (870)	54400	5700
Silver	µg/kg	6800000	ND (2300)	40300	ND (1600)	ND (1900)	ND (2300)	18000	ND (1700)	ND (2000)	ND (1700)	ND (1700)
Sodium	µg/kg	-	2520000	219000 B	275000 B	1660000	1580000 B	665000 B	332000 B	748000 B	132000 B	128000 B
Thallium	µg/kg	-	710 B	ND (240)	ND (230)	ND (270)	ND (330)	ND (230)	ND (240)	ND (290)	ND (250)	ND (250)
Vanadium	µg/kg	-	11700 B	7300 B	ND (3300)	16500	32900	6600 B	14400	21400	ND (3500)	ND (3500)
Zinc	µg/kg	10000000	278000	776000	5420000	846000	270000	8650000	212000	130000	946000	925000

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PD23*	*PD26*	*PD26*	*PD26*	*PD27*	*PD28*	*PD28*	*PD28*	*PD29*	*PD29*
Sample ID:			*PD23C2+3*	*PD26A1*	*PD26B1*	*PD26C1*	*PD27C1*	*PD28A1*	*PD28B1*	*PD28C2*	*PD29A1*	*PD29A1-FD*
Sample Date:			*12/6/1993*	*12/7/1993*	*12/7/1993*	*12/7/1993*	*12/7/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*
Sample Depth:			*8-12 ft BGS*	*1-3 ft BGS*	*4-6 ft BGS*	*8-10 ft BGS*	*8-10 ft BGS*	*1.5-3.5 ft BGS*	*5-7 ft BGS*	*9-11 ft BGS*	*1-3 ft BGS*	*1-3 ft BGS*
Parameter	*Units*	*RUSCO Criteria*										*Duplicate*
PCBs												
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (24)	ND (21)	ND (19)	ND (23)	ND (25)	ND (370)	ND (21)	ND (20)	ND (190)	ND (510)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (24)	ND (21)	ND (19)	ND (23)	ND (25)	ND (370)	ND (21)	ND (20)	ND (190)	ND (510)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (24)	ND (21)	ND (19)	ND (23)	ND (25)	ND (370)	ND (21)	ND (20)	ND (190)	ND (510)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (24)	ND (21)	ND (19)	ND (23)	ND (25)	ND (370)	ND (21)	ND (20)	ND (190)	ND (510)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (24)	ND (21)	ND (19)	ND (23)	ND (25)	2700	ND (21)	ND (20)	ND (190)	ND (510)
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (24)	ND (21)	ND (19)	ND (23)	ND (25)	4500	ND (21)	ND (20)	2700	16000
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (24)	ND (21)	ND (19)	ND (23)	ND (25)	ND (370)	ND (21)	ND (20)	ND (190)	ND (510)
Total PCBs	µg/kg	-	ND	ND	ND	ND	ND	7200	ND	ND	2700	16000
Pesticides												
4,4'-DDD	µg/kg	180000	ND (2.4)	ND (2.1)	ND (1.9)	ND (2.3)	ND (2.5)	ND (37)	ND (2.1)	ND (2.0)	ND (19)	ND (51)
4,4'-DDE	µg/kg	120000	ND (2.4)	ND (2.1)	ND (1.9)	ND (2.3)	ND (2.5)	ND (37)	ND (2.1)	ND (2.0)	ND (19)	ND (51)
4,4'-DDT	µg/kg	94000	ND (4.8)	R	R	R	R	ND (75)	ND (4.2)	ND (4.0)	ND (38)	ND (100)
Aldrin	µg/kg	1400	ND (1.9)	ND (1.6)	ND (1.5)	ND (1.8)	ND (2.0)	ND (30)	ND (1.7)	ND (1.6)	ND (15)	ND (41)
alpha-BHC	µg/kg	6800	ND (1.2)	ND (1.0)	ND (0.95)	ND (1.1)	ND (1.2)	ND (19)	ND (1.1)	ND (0.99)	ND (9.5)	ND (25)
alpha-Chlordane	µg/kg	47000	ND (2.4)	ND (2.1)	ND (1.9)	ND (2.3)	ND (2.5)	ND (37)	ND (2.1)	ND (2.0)	ND (19)	ND (51)
beta-BHC	µg/kg	14000	ND (2.4)	ND (2.1)	ND (1.9)	ND (2.3)	ND (2.5)	ND (37)	ND (2.1)	ND (2.0)	ND (19)	ND (51)
delta-BHC	µg/kg	1000000	ND (2.4)	ND (2.1)	ND (1.9)	ND (2.3)	ND (2.5)	ND (37)	ND (2.1)	ND (2.0)	ND (19)	ND (51)
Dieldrin	µg/kg	2800	ND (2.4)	ND (2.1)	ND (1.9)	ND (2.3)	ND (2.5)	ND (37)	ND (2.1)	ND (2.0)	ND (19)	ND (51)
Endosulfan I	µg/kg	920000	ND (2.4)	ND (2.1)	ND (1.9)	ND (2.3)	ND (2.5)	ND (37)	ND (2.1)	ND (2.0)	ND (19)	ND (51)
Endosulfan II	µg/kg	920000	ND (2.4)	ND (2.1)	ND (1.9)	ND (2.3)	ND (2.5)	ND (37)	ND (2.1)	ND (2.0)	ND (19)	ND (51)
Endosulfan sulfate	µg/kg	920000	ND (4.8)	ND (4.1)	ND (3.8)	ND (4.6)	ND (5.0)	ND (75)	ND (4.2)	ND (4.0)	ND (38)	ND (100)
Endrin	µg/kg	410000	ND (2.4)	ND (2.1)	ND (1.9)	ND (2.3)	ND (2.5)	ND (37)	ND (2.1)	ND (2.0)	ND (19)	ND (51)
Endrin aldehyde	µg/kg	-	ND (2.4)	ND (2.1)	ND (1.9)	ND (2.3)	ND (2.5)	ND (37)	ND (2.1)	ND (2.0)	ND (19)	ND (51)
Endrin ketone	µg/kg	-	ND (2.4)	ND (2.1)	ND (1.9)	ND (2.3)	ND (2.5)	ND (37)	ND (2.1)	ND (2.0)	ND (19)	ND (51)
gamma-BHC (lindane)	µg/kg	23000	ND (2.4)	ND (2.1)	ND (1.9)	ND (2.3)	ND (2.5)	ND (37)	ND (2.1)	ND (2.0)	ND (19)	ND (51)
gamma-Chlordane	µg/kg	-	ND (2.4)	ND (2.1)	ND (1.9)	ND (2.3)	ND (2.5)	ND (37)	ND (2.1)	ND (2.0)	ND (19)	ND (51)
Heptachlor	µg/kg	29000	ND (1.9)	ND (1.6)	ND (1.5)	ND (1.8)	ND (2.0)	ND (30)	ND (1.7)	ND (1.6)	ND (15)	ND (41)
Heptachlor epoxide	µg/kg	-	ND (4.8)	ND (4.1)	ND (3.8)	ND (4.6)	ND (5.0)	ND (75)	ND (4.2)	ND (4.0)	ND (38)	ND (100)
Methoxychlor	µg/kg	-	ND (19)	R	R	R	R	ND (300)	ND (17)	ND (16)	ND (150)	ND (410)
Toxaphene	µg/kg	-	ND (12)	ND (10)	ND (9.5)	ND (11)	ND (12)	ND (190)	ND (11)	ND (9.9)	ND (95)	ND (25)
Petroleum Hydrocarbons												
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PD23*	*PD26*	*PD26*	*PD26*	*PD27*	*PD28*	*PD28*	*PD28*	*PD29*	*PD29*
Sample ID:			*PD23C2+3*	*PD26A1*	*PD26B1*	*PD26C1*	*PD27C1*	*PD28A1*	*PD28B1*	*PD28C2*	*PD29A1*	*PD29A1-FD*
Sample Date:			*12/6/1993*	*12/7/1993*	*12/7/1993*	*12/7/1993*	*12/7/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*
Sample Depth:			*8-12 ft BGS*	*1-3 ft BGS*	*4-6 ft BGS*	*8-10 ft BGS*	*8-10 ft BGS*	*1.5-3.5 ft BGS*	*5-7 ft BGS*	*9-11 ft BGS*	*1-3 ft BGS*	*1-3 ft BGS*
Parameter	*Units*	*RUSCO Criteria*										*Duplicate*
General Chemistry												
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	ND (1600)	ND (1200)	ND (1200)	ND (1300)	ND (1600)	ND (1100)	ND (1200)	ND (1400)	ND (1200)	ND (1200)
N-Hexane extractable material	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	926000	530000	3460000	687000	294000	1710000	295000	523000	370000	380000
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	620000	400000	2290000	451000	263000	1320000	265000	434000	245000	242000
Total solids	%	-	-	-	-	-	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PD29*	*PD30*	*PD30*	*PD30*	*PD30*	*PD31*	*PD31*	*PD31*	*PD31*
Sample ID:			*PD29C1*	*PD30A1*	*PD30B+C-1*	*PD30B1*	*PD30C1*	*PD31A1*	*PD31B1+2*	*PD31C8-12*	*PD31C8-12-FD*
Sample Date:			*12/15/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/13/1993*	*12/13/1993*	*12/14/1993*	*12/14/1993*
Sample Depth:			*6-8 ft BGS*	*1.5-3.5 ft BGS*	*6-11 ft BGS*	*6-8 ft BGS*	*10-11 ft BGS*	*2-4 ft BGS*	*4-8 ft BGS*	*45-62 ft BGS*	*45-62 ft BGS*
Parameter	*Units*	*RUSCO Criteria*									*Duplicate*
Volatiles											
1,1,1-Trichloroethane	µg/kg	1000000	ND (12)	ND (12)	ND (12)	ND (12)	ND (12)	ND (12)	ND (1600)	ND (11)	ND (11)
1,1,2,2-Tetrachloroethane	µg/kg	-	ND (12)	ND (12)	ND (12)	ND (12)	ND (12)	ND (12)	ND (1600)	ND (11)	ND (11)
1,1,2-Trichloroethane	µg/kg	-	ND (12)	ND (12)	ND (12)	ND (12)	ND (12)	ND (12)	ND (1600)	ND (11)	ND (11)
1,1-Dichloroethane	µg/kg	480000	ND (12)	ND (12)	ND (12)	ND (12)	ND (12)	ND (12)	ND (1600)	ND (11)	ND (11)
1,1-Dichloroethene	µg/kg	1000000	ND (12)	ND (12)	ND (12)	ND (12)	ND (12)	ND (12)	ND (1600)	ND (11)	ND (11)
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	ND (12)	ND (12)	ND (12)	ND (12)	ND (12)	ND (12)	ND (1600)	ND (11)	ND (11)
1,2-Dichloroethene (total)	µg/kg	-	-	ND (12)	ND (12)	ND (12)	ND (12)	-	-	-	-
1,2-Dichloropropane	µg/kg	-	ND (12)	ND (12)	ND (12)	ND (12)	ND (12)	ND (12)	ND (1600)	ND (11)	ND (11)
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	ND (12)	ND (12)	ND (12)	ND (12)	ND (12)	ND (12)	ND (1600)	ND (11)	ND (11)
2-Hexanone	µg/kg	-	ND (12)	ND (12)	ND (12)	ND (12)	ND (12)	ND (12)	ND (1600)	ND (11)	ND (11)
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	ND (12)	ND (12)	ND (12)	ND (12)	ND (12)	ND (12)	ND (1600)	ND (11)	ND (11)
Acetone	µg/kg	1000000	ND (58)	15	ND (12)	ND (12)	60	ND (12)	ND (1600)	ND (11)	ND (11)
Benzene	µg/kg	89000	ND (12)	ND (12)	ND (12)	ND (12)	ND (12)	ND (12)	ND (1600)	ND (11)	ND (11)
Bromodichloromethane	µg/kg	-	ND (12)	ND (12)	ND (12)	ND (12)	ND (12)	ND (12)	ND (1600)	ND (11)	ND (11)
Bromoform	µg/kg	-	ND (12)	ND (12)	ND (12)	ND (12)	ND (12)	ND (12)	ND (1600)	ND (11)	ND (11)
Bromomethane (Methyl bromide)	µg/kg	-	ND (12)	ND (12)	ND (12)	ND (12)	ND (12)	ND (12)	ND (1600)	ND (11)	ND (11)
Carbon disulfide	µg/kg	-	15	ND (12)	ND (12)	ND (12)	ND (12)	ND (12)	ND (1600)	ND (11)	ND (11)
Carbon tetrachloride	µg/kg	44000	ND (12)	ND (12)	ND (12)	ND (12)	ND (12)	ND (12)	ND (1600)	ND (11)	ND (11)
Chlorobenzene	µg/kg	1000000	ND (12)	ND (12)	ND (12)	ND (12)	ND (12)	ND (12)	ND (1600)	ND (11)	ND (11)
Chloroethane	µg/kg	-	ND (12)	ND (12)	ND (12)	ND (12)	ND (12)	ND (12)	ND (1600)	ND (11)	ND (11)
Chloroform (Trichloromethane)	µg/kg	700000	ND (12)	ND (12)	ND (12)	ND (12)	ND (12)	ND (12)	ND (1600)	ND (11)	ND (11)
Chloromethane (Methyl chloride)	µg/kg	-	ND (12)	ND (12)	ND (12)	ND (12)	ND (12)	ND (12)	ND (1600)	ND (11)	ND (11)
cis-1,2-Dichloroethene	µg/kg	1000000	ND (12)	ND (12)	-	-	-	ND (12)	ND (1600)	ND (11)	ND (11)
cis-1,3-Dichloropropene	µg/kg	-	ND (12)	ND (12)	ND (12)	ND (12)	ND (12)	ND (12)	ND (1600)	ND (11)	ND (11)
Cyclohexane	µg/kg	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	ND (12)	ND (12)	ND (12)	ND (12)	ND (12)	ND (12)	ND (1600)	ND (11)	ND (11)
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	3 J	ND (12)	ND (12)	ND (12)	2 J	ND (12)	ND (1600)	ND (11)	ND (11)
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PD29*	*PD30*	*PD30*	*PD30*	*PD30*	*PD31*	*PD31*	*PD31*	*PD31*
Sample ID:			*PD29C1*	*PD30A1*	*PD30B+C-1*	*PD30B1*	*PD30C1*	*PD31A1*	*PD31B1+2*	*PD31C8-12*	*PD31C8-12-FD*
Sample Date:			*12/15/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/13/1993*	*12/13/1993*	*12/14/1993*	*12/14/1993*
Sample Depth:			*6-8 ft BGS*	*1.5-3.5 ft BGS*	*6-11 ft BGS*	*6-8 ft BGS*	*10-11 ft BGS*	*2-4 ft BGS*	*4-8 ft BGS*	*45-62 ft BGS*	*45-62 ft BGS*
Parameter	*Units*	*RUSCO Criteria*									*Duplicate*
m&p-Xylenes	µg/kg	-	ND (12)	ND (12)	-	ND (12)	12	ND (12)	ND (1600)	ND (11)	ND (11)
Methyl acetate	µg/kg	-	-	-	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	ND (14)	ND (12)	ND (12)	ND (12)	ND (12)	8 J	ND (1600)	4 J	ND (11)
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-	-	-	-
Styrene	µg/kg	-	ND (12)	ND (12)	ND (12)	ND (12)	ND (12)	ND (12)	ND (1600)	ND (11)	ND (11)
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	ND (12)	ND (12)	ND (12)	ND (12)	ND (12)	ND (12)	ND (1600)	ND (11)	ND (11)
Toluene	µg/kg	1000000	ND (12)	ND (12)	ND (12)	ND (12)	4 J	ND (12)	ND (1600)	ND (11)	ND (11)
trans-1,2-Dichloroethene	µg/kg	1000000	ND (12)	-	-	-	-	ND (12)	ND (1600)	ND (11)	ND (11)
trans-1,3-Dichloropropene	µg/kg	-	ND (12)	ND (12)	ND (12)	ND (12)	ND (12)	ND (12)	ND (1600)	ND (11)	ND (11)
Trichloroethene	µg/kg	400000	ND (12)	ND (12)	ND (12)	ND (12)	ND (12)	ND (12)	ND (1600)	ND (11)	ND (11)
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	ND (12)	ND (12)	ND (12)	ND (12)	ND (12)	ND (12)	ND (1600)	ND (11)	ND (11)
Xylenes (total)	µg/kg	1000000	24	ND (12)	ND (12)	ND (12)	10 J	ND (12)	ND (1600)	ND (11)	ND (11)
Semi-Volatiles											
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	ND (330)	ND (330)	-	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
2-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PD29*	*PD30*	*PD30*	*PD30*	*PD30*	*PD31*	*PD31*	*PD31*	*PD31*
Sample ID:			*PD29C1*	*PD30A1*	*PD30B+C-1*	*PD30B1*	*PD30C1*	*PD31A1*	*PD31B1+2*	*PD31C8-12*	*PD31C8-12-FD*
Sample Date:			*12/15/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/13/1993*	*12/13/1993*	*12/14/1993*	*12/14/1993*
Sample Depth:			*6-8 ft BGS*	*1.5-3.5 ft BGS*	*6-11 ft BGS*	*6-8 ft BGS*	*10-11 ft BGS*	*2-4 ft BGS*	*4-8 ft BGS*	*45-62 ft BGS*	*45-62 ft BGS*
Parameter	*Units*	*RUSCO Criteria*									*Duplicate*
3-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	ND (330)	ND (330)	-	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Acenaphthylene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	ND (330)	ND (330)	-	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Atrazine	µg/kg	-	-	-	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	ND (330)	ND (330)	-	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Benzo(a)pyrene	µg/kg	1100	ND (330)	ND (330)	-	ND (330)	ND (330)	**1300**	550	ND (330)	ND (330)
Benzo(b)fluoranthene	µg/kg	11000	ND (330)	1600	-	ND (330)	ND (330)	1600	750	ND (330)	ND (330)
Benzo(g,h,i)perylene	µg/kg	1000000	ND (330)	ND (330)	-	ND (330)	ND (330)	570	ND (330)	ND (330)	ND (330)
Benzo(k)fluoranthene	µg/kg	110000	ND (330)	ND (330)	-	ND (330)	ND (330)	1300	590	ND (330)	ND (330)
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	ND (330)	1700	-	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-	-	-	-	-
Chrysene	µg/kg	110000	ND (330)	ND (330)	-	ND (330)	ND (330)	1400	860	ND (330)	ND (330)
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	ND (330)	ND (330)	-	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Diethyl phthalate	µg/kg	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	ND (330)	1100	-	ND (330)	ND (330)	1600	1300	ND (330)	ND (330)
Fluorene	µg/kg	1000000	ND (330)	ND (330)	-	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	ND (330)	ND (330)	-	ND (330)	ND (330)	570	ND (330)	ND (330)	ND (330)

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PD29*	*PD30*	*PD30*	*PD30*	*PD30*	*PD31*	*PD31*	*PD31*	*PD31*
Sample ID:			*PD29C1*	*PD30A1*	*PD30B+C-1*	*PD30B1*	*PD30C1*	*PD31A1*	*PD31B1+2*	*PD31C8-12*	*PD31C8-12-FD*
Sample Date:			*12/15/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/13/1993*	*12/13/1993*	*12/14/1993*	*12/14/1993*
Sample Depth:			*6-8 ft BGS*	*1.5-3.5 ft BGS*	*6-11 ft BGS*	*6-8 ft BGS*	*10-11 ft BGS*	*2-4 ft BGS*	*4-8 ft BGS*	*45-62 ft BGS*	*45-62 ft BGS*
Parameter	*Units*	*RUSCO Criteria*									*Duplicate*
Isophorone	µg/kg	-	-	-	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	ND (330)	ND (330)	-	ND (330)	ND (330)	ND (330)	650	ND (330)	ND (330)
Nitrobenzene	µg/kg	140000	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-	-	-	-	-
Phenanthrene	µg/kg	1000000	ND (330)	ND (330)	-	ND (330)	ND (330)	1500	1200	ND (330)	ND (330)
Phenol	µg/kg	1000000	-	-	-	-	-	-	-	-	-
Pyrene	µg/kg	1000000	ND (330)	1600	-	ND (330)	450	3300	1700	ND (330)	ND (330)
Metals											
Aluminum	µg/kg	-	11900000	6530000	-	3890000	6180000	7860000	5470000	3030000	3020000
Antimony	µg/kg	-	ND (10500)	154000	-	ND (11500)	23700	36400	65400	ND (10500)	ND (10500)
Arsenic	µg/kg	16000	**38900**	**255000**	-	**41000**	**66900**	**510000**	7700	2800	2000 B
Barium	µg/kg	10000000	227000	63700	-	127000	165000	219000	390000	24600 B	24300 B
Beryllium	µg/kg	2700000	490 B	790 B	-	ND (250)	780 B	6500	5200	390 B	390 B
Cadmium	µg/kg	60000	ND (910)	5500	-	ND (1000)	ND (960)	ND (970)	ND (1100)	ND (910)	ND (910)
Calcium	µg/kg	-	87800000	51900000	-	17200000	42800000	7820000	15800000	4700000	4710000
Chromium	µg/kg	-	499000	19100	-	48200	146000	51400	37700	8900	8600
Cobalt	µg/kg	-	33500	32300	-	661000	68200	49500	120000	3800 B	3100 B
Copper	µg/kg	10000000	**10700000**	**11100000**	-	8570000	**11600000**	**22700000**	**43500000**	19100	18700
Iron	µg/kg	-	51000000	33600000	-	166000000	134000000	71100000	110000000	8440000	8430000
Lead	µg/kg	3900000	610000	605000	-	856000	542000	1480000	3870000	6800	7900
Magnesium	µg/kg	-	7310000	3550000	-	1820000	3210000	2910000	4550000	2630000	2630000
Manganese	µg/kg	10000000	239000	262000	-	456000	279000	639000	878000	194000	194000
Mercury	µg/kg	5700	260	310	-	1200	1600	3000	3200	ND (110)	ND (110)
Nickel	µg/kg	10000000	108000	162000	-	115000	107000	231000	201000	6600 B	5900 B
Potassium	µg/kg	-	ND (2230000)	458000 B	-	3090000	4760000 B	863000 B	811000 B	457000 B	285000 B
Selenium	µg/kg	6800000	1100	40500	-	2500	7700	56700	81900	ND (690)	ND (680)
Silver	µg/kg	6800000	ND (1600)	74300	-	ND (1800)	ND (1700)	13000	50400	ND (1600)	ND (1600)
Sodium	µg/kg	-	879000 B	306000 B	-	763000 B	1730000	415000 B	535000 B	174000 B	178000 B
Thallium	µg/kg	-	ND (910)	ND (240)	-	920 B	1500 B	13900	1100 B	ND (910)	ND (910)
Vanadium	µg/kg	-	55800	25100	-	9800 B	39700	1910000	165000	13100	13600
Zinc	µg/kg	10000000	3480000	1180000	-	3830000	3330000	2200000	4910000	17400	17200

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
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Sample Location:			*PD29*	*PD30*	*PD30*	*PD30*	*PD30*	*PD31*	*PD31*	*PD31*	*PD31*
Sample ID:			*PD29C1*	*PD30A1*	*PD30B+C-1*	*PD30B1*	*PD30C1*	*PD31A1*	*PD31B1+2*	*PD31C8-12*	*PD31C8-12-FD*
Sample Date:			*12/15/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/13/1993*	*12/13/1993*	*12/14/1993*	*12/14/1993*
Sample Depth:			*6-8 ft BGS*	*1.5-3.5 ft BGS*	*6-11 ft BGS*	*6-8 ft BGS*	*10-11 ft BGS*	*2-4 ft BGS*	*4-8 ft BGS*	*45-62 ft BGS*	*45-62 ft BGS*
Parameter	*Units*	*RUSCO Criteria*									*Duplicate*
PCBs											
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (19)	ND (490)	ND (200)	ND (200)	ND (400)	ND (20)	ND (22)	ND (19)	ND (19)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (19)	ND (490)	ND (200)	ND (200)	ND (800)	ND (20)	ND (22)	ND (19)	ND (19)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (19)	ND (490)	ND (200)	ND (200)	ND (400)	ND (20)	ND (22)	ND (19)	ND (19)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (19)	ND (490)	ND (200)	ND (200)	ND (400)	ND (20)	ND (22)	ND (19)	ND (19)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (19)	ND (490)	ND (200)	ND (200)	ND (400)	ND (20)	ND (22)	ND (19)	ND (19)
Aroclor-1254 (PCB-1254)	µg/kg	-	300	11000	3800	3800	ND (6300)	ND (20)	ND (22)	ND (19)	ND (19)
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (19)	ND (490)	ND (200)	ND (200)	ND (400)	ND (20)	ND (22)	ND (19)	ND (19)
Total PCBs	µg/kg	-	300	11000	3800	3800	ND	ND	ND	ND	ND
Pesticides											
4,4'-DDD	µg/kg	180000	ND (1.9)	ND (49)	ND (20)	ND (20)	ND (40)	ND (2.0)	ND (2.2)	ND (1.9)	ND (1.9)
4,4'-DDE	µg/kg	120000	ND (1.9)	ND (49)	ND (20)	ND (20)	210 P	ND (2.0)	ND (2.2)	ND (1.9)	ND (1.9)
4,4'-DDT	µg/kg	94000	ND (3.8)	ND (98)	ND (39)	ND (39)	120 P	ND (4.1)	ND (4.4)	ND (3.7)	ND (3.7)
Aldrin	µg/kg	1400	ND (1.5)	ND (39)	ND (16)	ND (16)	ND (20)	ND (1.6)	ND (1.8)	ND (1.5)	ND (1.5)
alpha-BHC	µg/kg	6800	ND (0.96)	ND (25)	ND (9.8)	ND (9.8)	ND (20)	ND (1.0)	ND (1.1)	ND (0.94)	ND (0.94)
alpha-Chlordane	µg/kg	47000	ND (1.9)	ND (49)	ND (20)	ND (20)	ND (20)	ND (2.0)	ND (2.2)	ND (1.9)	ND (1.9)
beta-BHC	µg/kg	14000	ND (1.9)	ND (49)	ND (20)	ND (20)	ND (20)	ND (2.0)	ND (2.2)	ND (1.9)	ND (1.9)
delta-BHC	µg/kg	1000000	ND (1.9)	ND (49)	ND (20)	ND (20)	ND (20)	ND (2.0)	ND (2.2)	ND (1.9)	ND (1.9)
Dieldrin	µg/kg	2800	ND (1.9)	ND (49)	ND (20)	ND (20)	ND (40)	ND (2.0)	ND (2.2)	ND (1.9)	ND (1.9)
Endosulfan I	µg/kg	920000	ND (1.9)	ND (49)	ND (20)	ND (20)	ND (20)	ND (2.0)	ND (2.2)	ND (1.9)	ND (1.9)
Endosulfan II	µg/kg	920000	ND (1.9)	ND (49)	ND (20)	ND (20)	ND (40)	ND (2.0)	ND (2.2)	ND (1.9)	ND (1.9)
Endosulfan sulfate	µg/kg	920000	ND (3.8)	ND (98)	ND (39)	ND (39)	ND (40)	ND (4.1)	ND (4.4)	ND (3.7)	ND (3.7)
Endrin	µg/kg	410000	ND (1.9)	ND (49)	ND (20)	ND (20)	ND (40)	ND (2.0)	ND (2.2)	ND (1.9)	ND (1.9)
Endrin aldehyde	µg/kg	-	ND (1.9)	ND (49)	ND (20)	ND (20)	75 P	ND (2.0)	ND (2.2)	ND (1.9)	ND (1.9)
Endrin ketone	µg/kg	-	ND (1.9)	ND (49)	ND (20)	ND (20)	ND (40)	ND (2.0)	ND (2.2)	ND (1.9)	ND (1.9)
gamma-BHC (lindane)	µg/kg	23000	ND (1.9)	ND (49)	-	ND (20)	ND (20)	ND (2.0)	ND (2.2)	ND (1.9)	ND (1.9)
gamma-Chlordane	µg/kg	-	ND (1.9)	ND (49)	ND (20)	ND (20)	26 P	ND (2.0)	ND (2.2)	ND (1.9)	ND (1.9)
Heptachlor	µg/kg	29000	ND (1.5)	ND (39)	ND (16)	ND (16)	ND (20)	ND (1.6)	ND (1.8)	ND (1.5)	ND (1.5)
Heptachlor epoxide	µg/kg	-	ND (3.8)	ND (98)	ND (39)	ND (39)	ND (20)	ND (4.1)	ND (4.4)	ND (3.7)	ND (3.7)
Methoxychlor	µg/kg	-	ND (15)	ND (390)	ND (160)	ND (160)	ND (200)	ND (16)	ND (18)	ND (15)	ND (15)
Toxaphene	µg/kg	-	ND (9.6)	ND (250)	ND (98)	ND (98)	ND (2000)	ND (10)	ND (11)	ND (9.4)	ND (9.4)
Petroleum Hydrocarbons											
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PD29*	*PD30*	*PD30*	*PD30*	*PD30*	*PD31*	*PD31*	*PD31*	*PD31*
Sample ID:			*PD29C1*	*PD30A1*	*PD30B+C-1*	*PD30B1*	*PD30C1*	*PD31A1*	*PD31B1+2*	*PD31C8-12*	*PD31C8-12-FD*
Sample Date:			*12/15/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/13/1993*	*12/13/1993*	*12/14/1993*	*12/14/1993*
Sample Depth:			*6-8 ft BGS*	*1.5-3.5 ft BGS*	*6-11 ft BGS*	*6-8 ft BGS*	*10-11 ft BGS*	*2-4 ft BGS*	*4-8 ft BGS*	*45-62 ft BGS*	*45-62 ft BGS*
Parameter	*Units*	*RUSCO Criteria*									*Duplicate*
General Chemistry											
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	ND (1100)	ND (1200)	-	ND (1300)	ND (1200)	ND (1200)	ND (1400)	ND (1100)	ND (1100)
N-Hexane extractable material	µg/kg	-	-	-	-	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	8790000	-	3370000	12840000	2676000	3117000	287000	271000
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	7100000	-	2985000	4540000	3783000	2320000	225000	301000
Total solids	%	-	-	-	-	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PD32*	*PD32*	*PD34*	*PD34*	*PD34*	*PD34*	*PD35*	*PD35*	*PD35*	*PD38*
Sample ID:			*RD1*	*RD1*	*PD34A1*	*PD34B2+4*	*PD34C2*	*PD34C2-FD*	*PD35A1*	*PD35B1+2+3*	*PD35C4+5*	*PD38A+B1*
Sample Date:			*12/10/1993*	*12/10/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/13/1993*	*12/13/1993*	*12/14/1993*	*12/8/1993*
Sample Depth:			*3-7 ft BGS*	*7-11 ft BGS*	*2-4 ft BGS*	*6-12 ft BGS*	*14-16 ft BGS*	*14-16 ft BGS*	*2-4 ft BGS*	*4-10 ft BGS*	*25-32 ft BGS*	*4-8 ft BGS*
		RUSCO						*Duplicate*				
Parameter	*Units*	*Criteria*										
Volatiles												
1,1,1-Trichloroethane	µg/kg	1000000	ND (12)	ND (11)	ND (12)	ND (14)	ND (13)	ND (13)	R	ND (11)	ND (13)	-
1,1,2,2-Tetrachloroethane	µg/kg	-	R	ND (11)	ND (12)	ND (14)	ND (13)	ND (13)	R	ND (11)	ND (13)	-
1,1,2-Trichloroethane	µg/kg	-	ND (12)	ND (11)	ND (12)	ND (14)	ND (13)	ND (13)	R	ND (11)	ND (13)	-
1,1-Dichloroethane	µg/kg	480000	ND (12)	ND (11)	ND (12)	ND (14)	ND (13)	ND (13)	R	ND (11)	ND (13)	-
1,1-Dichloroethene	µg/kg	1000000	ND (12)	ND (11)	ND (12)	ND (14)	ND (13)	ND (13)	R	ND (11)	ND (13)	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	ND (12)	ND (11)	ND (12)	ND (14)	ND (13)	ND (13)	R	ND (11)	ND (13)	-
1,2-Dichloroethene (total)	µg/kg	-	ND (12)	ND (11)	ND (12)	ND (14)	ND (13)	ND (13)	-	-	-	-
1,2-Dichloropropane	µg/kg	-	ND (12)	ND (11)	ND (12)	ND (14)	ND (13)	ND (13)	R	ND (11)	ND (13)	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	ND (12)	ND (11)	ND (12)	ND (14)	ND (13)	ND (13)	R	ND (11)	ND (13)	ND (10)
2-Hexanone	µg/kg	-	R	ND (11)	ND (12)	ND (14)	ND (13)	ND (13)	R	ND (11)	ND (13)	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	R	ND (11)	ND (12)	ND (14)	ND (13)	ND (13)	R	ND (11)	ND (13)	ND (10)
Acetone	µg/kg	1000000	ND (12)	46	8 J	ND (14)	ND (13)	39	R	ND (11)	ND (13)	ND (10)
Benzene	µg/kg	89000	ND (12)	ND (11)	ND (12)	ND (14)	ND (13)	ND (13)	R	ND (11)	ND (13)	ND (10)
Bromodichloromethane	µg/kg	-	ND (12)	ND (11)	ND (12)	ND (14)	ND (13)	ND (13)	R	ND (11)	ND (13)	-
Bromoform	µg/kg	-	ND (12)	ND (11)	ND (12)	ND (14)	ND (13)	ND (13)	R	ND (11)	ND (13)	-
Bromomethane (Methyl bromide)	µg/kg	-	ND (12)	ND (11)	ND (12)	ND (14)	ND (13)	ND (13)	R	ND (11)	ND (13)	-
Carbon disulfide	µg/kg	-	ND (12)	ND (11)	ND (12)	ND (14)	ND (13)	ND (13)	R	ND (11)	ND (13)	ND (10)
Carbon tetrachloride	µg/kg	44000	ND (12)	ND (11)	ND (12)	ND (14)	ND (13)	ND (13)	R	ND (11)	ND (13)	-
Chlorobenzene	µg/kg	1000000	R	ND (11)	ND (12)	ND (14)	ND (13)	ND (13)	R	ND (11)	ND (13)	-
Chloroethane	µg/kg	-	ND (12)	ND (11)	ND (12)	ND (14)	ND (13)	ND (13)	R	ND (11)	ND (13)	-
Chloroform (Trichloromethane)	µg/kg	700000	5 J	ND (11)	ND (12)	ND (14)	ND (13)	ND (13)	R	ND (11)	ND (13)	ND (10)
Chloromethane (Methyl chloride)	µg/kg	-	ND (12)	ND (11)	ND (12)	ND (14)	ND (13)	ND (13)	R	ND (11)	ND (13)	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	R	ND (11)	ND (13)	-
cis-1,3-Dichloropropene	µg/kg	-	ND (12)	ND (11)	ND (12)	ND (14)	ND (13)	ND (13)	R	ND (11)	ND (13)	-
Cyclohexane	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	ND (12)	ND (11)	ND (12)	ND (14)	ND (13)	ND (13)	R	ND (11)	ND (13)	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	R	ND (11)	ND (12)	ND (14)	ND (13)	ND (13)	R	ND (11)	ND (13)	ND (10)
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PD32*	*PD32*	*PD34*	*PD34*	*PD34*	*PD34*	*PD35*	*PD35*	*PD35*	*PD38*
Sample ID:			*RD1*	*RD1*	*PD34A1*	*PD34B2+4*	*PD34C2*	*PD34C2-FD*	*PD35A1*	*PD35B1+2+3*	*PD35C4+5*	*PD38A+B1*
Sample Date:			*12/10/1993*	*12/10/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/13/1993*	*12/13/1993*	*12/14/1993*	*12/8/1993*
Sample Depth:			*3-7 ft BGS*	*7-11 ft BGS*	*2-4 ft BGS*	*6-12 ft BGS*	*14-16 ft BGS*	*14-16 ft BGS*	*2-4 ft BGS*	*4-10 ft BGS*	*25-32 ft BGS*	*4-8 ft BGS*
		RUSCO						*Duplicate*				
Parameter	*Units*	*Criteria*										
m&p-Xylenes	µg/kg	-	-	ND (11)	ND (12)	-	-	ND (13)	R	ND (11)	ND (13)	ND (11)
Methyl acetate	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	ND (12)	ND (11)	ND (12)	ND (14)	ND (13)	ND (13)	13	7 J	6 J	ND (10)
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Styrene	µg/kg	-	R	ND (11)	ND (12)	ND (14)	ND (13)	ND (13)	R	ND (11)	ND (13)	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	R	ND (11)	ND (12)	ND (14)	ND (13)	ND (13)	R	ND (11)	ND (13)	-
Toluene	µg/kg	1000000	R	ND (11)	ND (12)	ND (14)	ND (13)	ND (13)	R	ND (11)	ND (13)	ND (10)
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	R	ND (11)	ND (13)	-
trans-1,3-Dichloropropene	µg/kg	-	ND (12)	ND (11)	ND (12)	ND (14)	ND (13)	ND (13)	R	ND (11)	ND (13)	-
Trichloroethene	µg/kg	400000	ND (12)	ND (11)	ND (12)	ND (14)	ND (13)	ND (13)	R	ND (11)	ND (13)	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	ND (12)	ND (11)	ND (12)	ND (14)	ND (13)	ND (13)	R	ND (11)	ND (13)	-
Xylenes (total)	µg/kg	1000000	R	ND (11)	ND (12)	ND (14)	ND (13)	ND (13)	R	ND (11)	ND (13)	ND (10)
Semi-Volatiles												
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
2-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PD32*	*PD32*	*PD34*	*PD34*	*PD34*	*PD34*	*PD35*	*PD35*	*PD35*	*PD38*
Sample ID:			*RD1*	*RD1*	*PD34A1*	*PD34B2+4*	*PD34C2*	*PD34C2-FD*	*PD35A1*	*PD35B1+2+3*	*PD35C4+5*	*PD38A+B1*
Sample Date:			*12/10/1993*	*12/10/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/13/1993*	*12/13/1993*	*12/14/1993*	*12/8/1993*
Sample Depth:			*3-7 ft BGS*	*7-11 ft BGS*	*2-4 ft BGS*	*6-12 ft BGS*	*14-16 ft BGS*	*14-16 ft BGS*	*2-4 ft BGS*	*4-10 ft BGS*	*25-32 ft BGS*	*4-8 ft BGS*
		RUSCO						*Duplicate*				
Parameter	*Units*	*Criteria*										
3-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Acenaphthylene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	ND (330)	ND (330)	820	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Atrazine	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	ND (330)	ND (330)	1500	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Benzo(a)pyrene	µg/kg	1100	ND (330)	ND (330)	**1400**	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Benzo(b)fluoranthene	µg/kg	11000	ND (330)	ND (330)	1900	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Benzo(g,h,i)perylene	µg/kg	1000000	ND (330)	ND (330)	410	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Benzo(k)fluoranthene	µg/kg	110000	ND (330)	ND (330)	1400	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Chrysene	µg/kg	110000	ND (330)	ND (330)	1600	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Diethyl phthalate	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	ND (330)	ND (330)	3000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Fluorene	µg/kg	1000000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	ND (330)	ND (330)	450	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PD32*	*PD32*	*PD34*	*PD34*	*PD34*	*PD34*	*PD35*	*PD35*	*PD35*	*PD38*
Sample ID:			*RD1*	*RD1*	*PD34A1*	*PD34B2+4*	*PD34C2*	*PD34C2-FD*	*PD35A1*	*PD35B1+2+3*	*PD35C4+5*	*PD38A+B1*
Sample Date:			*12/10/1993*	*12/10/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/13/1993*	*12/13/1993*	*12/14/1993*	*12/8/1993*
Sample Depth:			*3-7 ft BGS*	*7-11 ft BGS*	*2-4 ft BGS*	*6-12 ft BGS*	*14-16 ft BGS*	*14-16 ft BGS*	*2-4 ft BGS*	*4-10 ft BGS*	*25-32 ft BGS*	*4-8 ft BGS*
		RUSCO						*Duplicate*				
Parameter	*Units*	*Criteria*										
Isophorone	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Nitrobenzene	µg/kg	140000	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-	-	-	-	-	-
Phenanthrene	µg/kg	1000000	ND (330)	ND (330)	2800	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Phenol	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
Pyrene	µg/kg	1000000	ND (330)	ND (330)	3600	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Metals												
Aluminum	µg/kg	-	1840000	1720000	6760000	32000000	4710000	4690000	4870000	2900000	11300000	7440000
Antimony	µg/kg	-	ND (10500)	ND (10400)	59500	147000	ND (11900)	ND (11900)	ND (11100)	22300	ND (12400)	ND (9900)
Arsenic	µg/kg	16000	**16700**	**56700**	**116000**	**1180000**	**75000**	**80500**	**61000**	**103000**	3100	**151000**
Barium	µg/kg	10000000	46400	28700 B	283000	69900	63000	62000	287000	363000	128000	861000
Beryllium	µg/kg	2700000	760 B	ND (230)	750 B	930 B	580 B	620 B	ND (240)	ND (230)	760 B	430 B
Cadmium	µg/kg	60000	ND (910)	ND (900)	ND (930)	6300	6500	7200	ND (960)	ND (930)	ND (1100)	9400
Calcium	µg/kg	-	5350000	2200000	53900000	1210000 B	1350000	1350000	17300000	9840000	4740000	31600000
Chromium	µg/kg	-	16100	20100	232000	31100	8000	7600	29500	14200	31900	60700
Cobalt	µg/kg	-	825000	1370000	36100	15000	70200	69700	135000	154000	10700 B	497000
Copper	µg/kg	10000000	8980000	**21800000**	**24600000**	2880000	4930000	4900000	7280000	6350000	22200	**11200000**
Iron	µg/kg	-	122000000	224000000	31100000	40900000	64500000	64000000	65800000	48600000	21600000	122000000
Lead	µg/kg	3900000	366000	1650000	567000	517000	195000	192000	418000	478000	4800	871000
Magnesium	µg/kg	-	1260000	1660000	25600000	2220000	900000 B	893000 B	2390000	855000 B	6750000	3150000
Manganese	µg/kg	10000000	542000	1020000	352000	66700	81600	80400	325000	251000	674000	582000
Mercury	µg/kg	5700	180	ND (110)	1200	4600	850	760	340	ND (120)	ND (140)	810
Nickel	µg/kg	10000000	88300	142000	844000	29200	26900	24200	37400	65400	27300	150000
Potassium	µg/kg	-	173000 B	131000 B	1420000	8230000 B	774000 B	639000 B	1060000 B	800000 B	3190000	1230000
Selenium	µg/kg	6800000	1600	1600	6800	8400	5100	7400	2600	4300	ND (810)	40700
Silver	µg/kg	6800000	ND (1600)	ND (1600)	23000	7400	ND (1800)	ND (1800)	ND (1700)	ND (1600)	ND (1900)	ND (1500)
Sodium	µg/kg	-	181000 B	198000 B	613000 B	3150000	278000 B	283000 B	460000 B	268000 B	399000 B	726000 B
Thallium	µg/kg	-	1300 B	590 B	340 B	1000 B	910 B	910 B	ND (960)	ND (930)	ND (1100)	ND (220)
Vanadium	µg/kg	-	5800 B	3200 B	19200	55000	6200 B	6100 B	10600 B	8200 B	36200	8800 B
Zinc	µg/kg	10000000	4260000	9040000	1890000	4280000	5320000	5290000	2570000	1680000	52900	8450000

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PD32*	*PD32*	*PD34*	*PD34*	*PD34*	*PD34*	*PD35*	*PD35*	*PD35*	*PD38*
Sample ID:			*RD1*	*RD1*	*PD34A1*	*PD34B2+4*	*PD34C2*	*PD34C2-FD*	*PD35A1*	*PD35B1+2+3*	*PD35C4+5*	*PD38A+B1*
Sample Date:			*12/10/1993*	*12/10/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/13/1993*	*12/13/1993*	*12/14/1993*	*12/8/1993*
Sample Depth:			*3-7 ft BGS*	*7-11 ft BGS*	*2-4 ft BGS*	*6-12 ft BGS*	*14-16 ft BGS*	*14-16 ft BGS*	*2-4 ft BGS*	*4-10 ft BGS*	*25-32 ft BGS*	*4-8 ft BGS*
		RUSCO						*Duplicate*				
Parameter	*Units*	*Criteria*										
PCBs												
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (40)	ND (38)	ND (390)	-	ND (44)	-	ND (20)	ND (19)	ND (22)	ND (18)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (79)	ND (76)	ND (780)	-	ND (89)	-	ND (20)	ND (19)	ND (22)	ND (18)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (40)	ND (38)	ND (390)	-	ND (44)	-	ND (20)	ND (19)	ND (22)	ND (18)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (40)	ND (38)	ND (390)	-	ND (44)	-	ND (20)	ND (19)	ND (22)	ND (18)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (40)	420	ND (390)	-	ND (44)	-	ND (20)	ND (19)	ND (22)	ND (18)
Aroclor-1254 (PCB-1254)	µg/kg	-	51 P	ND (38)	ND (390)	-	ND (44)	-	ND (20)	ND (19)	ND (22)	ND (18)
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (40)	ND (38)	ND (390)	-	ND (44)	-	ND (20)	ND (19)	ND (22)	ND (18)
Total PCBs	µg/kg	-	51	420	ND	-	ND	-	ND	ND	ND	ND
Pesticides												
4,4'-DDD	µg/kg	180000	ND (4.0)	ND (3.8)	ND (39)	-	ND (4.4)	-	ND (2.0)	ND (1.9)	ND (2.2)	ND (1.8)
4,4'-DDE	µg/kg	120000	1.5 JP	2.4 JP	ND (39)	-	ND (4.4)	-	ND (2.0)	ND (1.9)	ND (2.2)	ND (1.8)
4,4'-DDT	µg/kg	94000	ND (4.0)	ND (3.8)	ND (39)	-	ND (4.4)	-	ND (3.9)	ND (3.8)	ND (4.3)	ND (3.6)
Aldrin	µg/kg	1400	ND (2.0)	ND (1.9)	ND (20)	-	ND (2.2)	-	ND (1.6)	ND (1.5)	ND (1.7)	ND (1.4)
alpha-BHC	µg/kg	6800	ND (2.0)	ND (1.9)	ND (20)	-	ND (2.2)	-	ND (0.98)	ND (0.95)	ND (1.1)	ND (0.91)
alpha-Chlordane	µg/kg	47000	ND (2.0)	ND (1.9)	ND (20)	-	ND (2.2)	-	ND (2.0)	ND (1.9)	ND (2.2)	ND (1.8)
beta-BHC	µg/kg	14000	ND (2.0)	ND (1.9)	ND (20)	-	ND (2.2)	-	ND (2.0)	ND (1.9)	ND (2.2)	ND (1.8)
delta-BHC	µg/kg	1000000	ND (2.0)	ND (1.9)	ND (20)	-	ND (2.2)	-	ND (2.0)	ND (1.9)	ND (2.2)	ND (1.8)
Dieldrin	µg/kg	2800	ND (4.0)	ND (3.8)	ND (39)	-	ND (4.4)	-	ND (2.0)	ND (1.9)	ND (2.2)	ND (1.8)
Endosulfan I	µg/kg	920000	ND (2.0)	ND (1.9)	ND (20)	-	ND (2.2)	-	ND (2.0)	ND (1.9)	ND (2.2)	ND (1.8)
Endosulfan II	µg/kg	920000	ND (4.0)	ND (3.8)	ND (39)	-	ND (4.4)	-	ND (2.0)	ND (1.9)	ND (2.2)	ND (1.8)
Endosulfan sulfate	µg/kg	920000	ND (4.0)	ND (3.8)	ND (39)	-	ND (4.4)	-	ND (3.9)	ND (3.8)	ND (4.3)	ND (3.6)
Endrin	µg/kg	410000	ND (4.0)	ND (3.8)	ND (39)	-	ND (4.4)	-	ND (2.0)	ND (1.9)	ND (2.2)	ND (1.8)
Endrin aldehyde	µg/kg	-	4.2 P	3.2 JP	ND (39)	-	ND (4.4)	-	ND (2.0)	ND (1.9)	ND (2.2)	ND (1.8)
Endrin ketone	µg/kg	-	ND (4.0)	ND (3.8)	ND (39)	-	ND (4.4)	-	ND (2.0)	ND (1.9)	ND (2.2)	ND (1.8)
gamma-BHC (lindane)	µg/kg	23000	ND (2.0)	ND (1.9)	ND (20)	-	ND (2.2)	-	ND (2.0)	ND (1.9)	ND (2.2)	ND (1.8)
gamma-Chlordane	µg/kg	-	ND (2.0)	ND (1.9)	ND (20)	-	ND (2.2)	-	ND (2.0)	ND (1.9)	ND (2.2)	ND (1.8)
Heptachlor	µg/kg	29000	ND (2.0)	ND (1.9)	ND (20)	-	ND (2.2)	-	ND (1.6)	ND (1.5)	ND (1.7)	ND (1.4)
Heptachlor epoxide	µg/kg	-	ND (2.0)	ND (1.9)	ND (20)	-	ND (2.2)	-	ND (3.9)	ND (3.8)	ND (4.3)	ND (3.6)
Methoxychlor	µg/kg	-	ND (20)	13 JP	ND (200)	-	ND (22)	-	ND (16)	ND (15)	ND (17)	ND (14)
Toxaphene	µg/kg	-	ND (200)	ND (190)	ND (2000)	-	ND (220)	-	ND (9.8)	ND (9.5)	ND (11)	ND (9.1)
Petroleum Hydrocarbons												
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PD32*	*PD32*	*PD34*	*PD34*	*PD34*	*PD34*	*PD35*	*PD35*	*PD35*	*PD38*
Sample ID:			*RD1*	*RD1*	*PD34A1*	*PD34B2+4*	*PD34C2*	*PD34C2-FD*	*PD35A1*	*PD35B1+2+3*	*PD35C4+5*	*PD38A+B1*
Sample Date:			*12/10/1993*	*12/10/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/13/1993*	*12/13/1993*	*12/14/1993*	*12/8/1993*
Sample Depth:			*3-7 ft BGS*	*7-11 ft BGS*	*2-4 ft BGS*	*6-12 ft BGS*	*14-16 ft BGS*	*14-16 ft BGS*	*2-4 ft BGS*	*4-10 ft BGS*	*25-32 ft BGS*	*4-8 ft BGS*
		RUSCO						*Duplicate*				
Parameter	*Units*	*Criteria*										
General Chemistry												
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	ND (1100)	54300	ND (1200)	ND (1400)	ND (1300)	ND (1300)	ND (1200)	ND (1200)	ND (1400)	ND (1100)
N-Hexane extractable material	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	732000	484000	19310000	3060000	3570000	3725000	478000	303000	292000	74900
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	500000	223000	13540000	2845000	2745000	2605000	398000	263000	209000	-
Total solids	%	-	-	-	-	-	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PD38*	*PD39*	*PD39*	*PD41*	*PD41*	*PD42*	*PD42*	*PD43*	*PD43*	*PD43*
Sample ID:			*PD38B+C2*	*PD39A+B1*	*PD39C2*	*PD41B1*	*PD41C1+2*	*PD42A1*	*PD42C1*	*PD43A1*	*PD43B1*	*PD43C2*
Sample Date:			*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*
Sample Depth:			*8-14 ft BGS*	*3-7 ft BGS*	*9-11 ft BGS*	*2-8 ft BGS*	*8-12 ft BGS*	*4-6 ft BGS*	*8-10 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*8-10 ft BGS*
Parameter	*Units*	*RUSCO Criteria*										
Volatiles												
1,1,1-Trichloroethane	µg/kg	1000000	ND (12)	ND (11)	ND (15)	ND (12)	ND (12)	-	ND (13)	ND (11)	ND (15)	ND (15)
1,1,2,2-Tetrachloroethane	µg/kg	-	ND (12)	ND (11)	ND (15)	ND (12)	ND (12)	-	ND (13)	ND (11)	ND (15)	ND (15)
1,1,2-Trichloroethane	µg/kg	-	ND (12)	ND (11)	ND (15)	ND (12)	ND (12)	-	ND (13)	ND (11)	ND (15)	ND (15)
1,1-Dichloroethane	µg/kg	480000	ND (12)	ND (11)	ND (15)	ND (12)	ND (12)	-	ND (13)	ND (11)	ND (15)	ND (15)
1,1-Dichloroethene	µg/kg	1000000	ND (12)	ND (11)	ND (15)	ND (12)	ND (12)	-	ND (13)	ND (11)	ND (15)	ND (15)
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	ND (12)	ND (11)	ND (15)	ND (12)	ND (12)	-	ND (13)	ND (11)	ND (15)	ND (15)
1,2-Dichloroethene (total)	µg/kg	-	ND (12)	ND (11)	ND (15)	ND (12)	ND (12)	-	ND (13)	ND (11)	ND (15)	ND (15)
1,2-Dichloropropane	µg/kg	-	ND (12)	ND (11)	ND (15)	ND (12)	ND (12)	-	ND (13)	ND (11)	ND (15)	ND (15)
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	ND (12)	ND (11)	ND (15)	ND (12)	ND (12)	ND (10)	ND (13)	ND (11)	ND (15)	ND (15)
2-Hexanone	µg/kg	-	ND (12)	ND (11)	ND (15)	ND (12)	ND (12)	-	ND (13)	ND (11)	ND (15)	ND (15)
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	ND (12)	ND (11)	ND (15)	ND (12)	ND (12)	ND (10)	ND (13)	ND (11)	ND (15)	ND (15)
Acetone	µg/kg	1000000	ND (12)	ND (11)	ND (15)	ND (12)	ND (12)	ND (10)	ND (13)	ND (11)	ND (15)	ND (15)
Benzene	µg/kg	89000	ND (12)	ND (11)	ND (15)	ND (12)	ND (12)	ND (10)	ND (13)	ND (11)	ND (15)	ND (15)
Bromodichloromethane	µg/kg	-	ND (12)	ND (11)	ND (15)	ND (12)	ND (12)	-	ND (13)	ND (11)	ND (15)	ND (15)
Bromoform	µg/kg	-	ND (12)	ND (11)	ND (15)	ND (12)	ND (12)	-	ND (13)	ND (11)	ND (15)	ND (15)
Bromomethane (Methyl bromide)	µg/kg	-	ND (12)	ND (11)	ND (15)	ND (12)	ND (12)	-	ND (13)	ND (11)	ND (15)	ND (15)
Carbon disulfide	µg/kg	-	ND (12)	ND (11)	ND (15)	ND (12)	ND (12)	ND (10)	ND (13)	ND (11)	ND (15)	ND (15)
Carbon tetrachloride	µg/kg	44000	ND (12)	ND (11)	ND (15)	ND (12)	ND (12)	-	ND (13)	ND (11)	ND (15)	ND (15)
Chlorobenzene	µg/kg	1000000	ND (12)	ND (11)	ND (15)	ND (12)	ND (12)	-	ND (13)	ND (11)	ND (15)	ND (15)
Chloroethane	µg/kg	-	ND (12)	ND (11)	ND (15)	ND (12)	ND (12)	-	ND (13)	ND (11)	ND (15)	ND (15)
Chloroform (Trichloromethane)	µg/kg	700000	ND (12)	ND (11)	ND (15)	ND (12)	ND (12)	ND (10)	ND (13)	ND (11)	ND (15)	ND (15)
Chloromethane (Methyl chloride)	µg/kg	-	ND (12)	ND (11)	ND (15)	ND (12)	ND (12)	-	ND (13)	ND (11)	ND (15)	ND (15)
cis-1,2-Dichloroethene	µg/kg	1000000	-	ND (11)	ND (15)	-	-	-	ND (13)	ND (11)	ND (15)	ND (15)
cis-1,3-Dichloropropene	µg/kg	-	ND (12)	ND (11)	ND (15)	ND (12)	ND (12)	-	ND (13)	ND (11)	ND (15)	ND (15)
Cyclohexane	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	ND (12)	ND (11)	ND (15)	ND (12)	ND (12)	-	ND (13)	ND (11)	ND (15)	ND (15)
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	ND (12)	ND (11)	ND (15)	ND (12)	ND (12)	ND (10)	ND (13)	ND (11)	2 J	ND (15)
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
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Sample Location:			*PD38*	*PD39*	*PD39*	*PD41*	*PD41*	*PD42*	*PD42*	*PD43*	*PD43*	*PD43*
Sample ID:			*PD38B+C2*	*PD39A+B1*	*PD39C2*	*PD41B1*	*PD41C1+2*	*PD42A1*	*PD42C1*	*PD43A1*	*PD43B1*	*PD43C2*
Sample Date:			*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*
Sample Depth:			*8-14 ft BGS*	*3-7 ft BGS*	*9-11 ft BGS*	*2-8 ft BGS*	*8-12 ft BGS*	*4-6 ft BGS*	*8-10 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*8-10 ft BGS*
Parameter	*Units*	*RUSCO Criteria*										
m&p-Xylenes	µg/kg	-	ND (12)	ND (11)	ND (15)	ND (12)	ND (12)	ND (10)	ND (13)	ND (11)	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	ND (12)	2 J	ND (15)	ND (12)	ND (12)	ND (10)	ND (13)	ND (11)	ND (15)	ND (15)
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Styrene	µg/kg	-	ND (12)	ND (11)	ND (15)	ND (12)	ND (12)	-	ND (13)	ND (11)	ND (15)	ND (15)
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	ND (12)	ND (11)	ND (15)	ND (12)	ND (12)	-	ND (13)	ND (11)	ND (15)	ND (15)
Toluene	µg/kg	1000000	ND (12)	ND (11)	ND (15)	ND (12)	ND (12)	ND (10)	ND (13)	ND (11)	ND (15)	ND (15)
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	ND (12)	ND (11)	ND (15)	ND (12)	ND (12)	-	ND (13)	ND (11)	ND (15)	ND (15)
Trichloroethene	µg/kg	400000	ND (12)	ND (11)	ND (15)	ND (12)	ND (12)	-	ND (13)	ND (11)	ND (15)	ND (15)
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	ND (12)	ND (11)	ND (15)	ND (12)	ND (12)	-	ND (13)	ND (11)	ND (15)	ND (15)
Xylenes (total)	µg/kg	1000000	ND (12)	ND (11)	ND (15)	ND (12)	ND (12)	ND (10)	ND (13)	ND (11)	ND (15)	ND (15)
Semi-Volatiles												
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	12400	ND (330)	ND (330)
2-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
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Sample Location:			*PD38*	*PD39*	*PD39*	*PD41*	*PD41*	*PD42*	*PD42*	*PD43*	*PD43*	*PD43*
Sample ID:			*PD38B+C2*	*PD39A+B1*	*PD39C2*	*PD41B1*	*PD41C1+2*	*PD42A1*	*PD42C1*	*PD43A1*	*PD43B1*	*PD43C2*
Sample Date:			*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*
Sample Depth:			*8-14 ft BGS*	*3-7 ft BGS*	*9-11 ft BGS*	*2-8 ft BGS*	*8-12 ft BGS*	*4-6 ft BGS*	*8-10 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*8-10 ft BGS*
Parameter	*Units*	*RUSCO Criteria*										
3-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	22800	ND (330)	ND (330)
Acenaphthylene	µg/kg	1000000	-	-	-	-	-	-	-	22800	-	-
Acetophenone	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	35900	ND (330)	ND (330)
Atrazine	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	**49800**	ND (330)	ND (330)
Benzo(a)pyrene	µg/kg	1100	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	**36200**	ND (330)	ND (330)
Benzo(b)fluoranthene	µg/kg	11000	ND (330)	ND (330)	ND (330)	520	ND (330)	ND (330)	ND (330)	**74300**	ND (330)	560
Benzo(g,h,i)perylene	µg/kg	1000000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Benzo(k)fluoranthene	µg/kg	110000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	9400	ND (330)	ND (330)
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Chrysene	µg/kg	110000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	40600	ND (330)	ND (330)
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	13000	ND (330)	ND (330)
Diethyl phthalate	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	ND (330)	ND (330)	ND (330)	480	ND (330)	ND (330)	ND (330)	95600	ND (330)	710
Fluorene	µg/kg	1000000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	25700	ND (330)	ND (330)
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	**13000**	ND (330)	ND (330)

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PD38*	*PD39*	*PD39*	*PD41*	*PD41*	*PD42*	*PD42*	*PD43*	*PD43*	*PD43*
Sample ID:			*PD38B+C2*	*PD39A+B1*	*PD39C2*	*PD41B1*	*PD41C1+2*	*PD42A1*	*PD42C1*	*PD43A1*	*PD43B1*	*PD43C2*
Sample Date:			*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*
Sample Depth:			*8-14 ft BGS*	*3-7 ft BGS*	*9-11 ft BGS*	*2-8 ft BGS*	*8-12 ft BGS*	*4-6 ft BGS*	*8-10 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*8-10 ft BGS*
Parameter	*Units*	*RUSCO Criteria*										
Isophorone	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	30600	ND (330)	ND (330)
Nitrobenzene	µg/kg	140000	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-	-	-	-	-	-
Phenanthrene	µg/kg	1000000	ND (330)	ND (330)	ND (330)	420	ND (330)	ND (330)	ND (330)	116400	ND (330)	670
Phenol	µg/kg	1000000	-	-	-	-	-	-	-	-	-	-
Pyrene	µg/kg	1000000	ND (330)	ND (330)	ND (330)	580	ND (330)	ND (330)	ND (330)	80000	ND (330)	660
Metals												
Aluminum	µg/kg	-	4220000	15000000	5190000	3150000	1770000	5530000	6240000	8410000	5270000	4960000
Antimony	µg/kg	-	ND (10700)	17600	ND (15500)	25700	ND (11300)	81100	80000	1470000	66900	33000
Arsenic	µg/kg	16000	**102000**	**107000**	**21400**	**513000**	**363000**	**309000**	**909000**	**1070000**	**1070000**	**135000**
Barium	µg/kg	10000000	273000	668000	297000	126000	74700	245000	105000	3710000	265000	857000
Beryllium	µg/kg	2700000	260 B	9300	1200 B	800 B	760 B	980 B	990 B	1200 B	860 B	970 B
Cadmium	µg/kg	60000	8600	13700	ND (1300)	28400	5400	9300	15600	**64600**	33800	1400 B
Calcium	µg/kg	-	8920000	17300000	12200000	14800000	6730000	21900000	5050000	12600000	37100000	14000000
Chromium	µg/kg	-	55300	259000	21200	57500	15800	248000	39700	197000	33400	28200
Cobalt	µg/kg	-	1100000	846000	36000	180000	341000	56700	89800	50000	71900	18100
Copper	µg/kg	10000000	8070000	**13300000**	420000	5390000	6050000	**37700000**	8710000	**24200000**	5820000	1330000
Iron	µg/kg	-	160000000	174000000	53200000	52800000	77700000	67300000	54300000	72900000	25300000	51000000
Lead	µg/kg	3900000	705000	2420000	777000	788000	433000	1330000	406000	**16600000**	993000	1550000
Magnesium	µg/kg	-	3290000	11600000	2040000	5730000	1850000	15900000	3280000	20800000	4170000	3690000
Manganese	µg/kg	10000000	772000	1770000	323000	371000	295000	400000	321000	319000	692000	497000
Mercury	µg/kg	5700	1500	3300	3100	1800	410	**8800**	1600	**21000**	**9800**	**20600**
Nickel	µg/kg	10000000	166000	519000	53500	3570000	746000	243000	262000	393000	429000	69400
Potassium	µg/kg	-	438000 B	ND (87000)	630000 B	376000 B	163000 B	470000 B	845000 B	ND (89700)	ND (97900)	ND (111000)
Selenium	µg/kg	6800000	9800	7400	1500 B	6600	6000	9600	18500	12400	2400	ND (870)
Silver	µg/kg	6800000	ND (1600)	ND (1600)	ND (2400)	9800	ND (1700)	37000	28600	46600	7500	ND (2000)
Sodium	µg/kg	-	1475000 B	1980000	1220000 B	237000 B	196000 B	775000 B	372000 B	952000 B	948000 B	898000 B
Thallium	µg/kg	-	ND (230)	ND (230)	ND (340)	ND (240)	1000 B	ND (250)	ND (270)	ND (240)	ND (260)	ND (290)
Vanadium	µg/kg	-	ND (3300)	42000	19000	56700	13700	14400	16900	21700	10500 B	21200
Zinc	µg/kg	10000000	**10700000**	**26500000**	499000	3610000	4120000	2930000	3510000	**33400000**	**34900000**	3990000

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
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Sample Location:			*PD38*	*PD39*	*PD39*	*PD41*	*PD41*	*PD42*	*PD42*	*PD43*	*PD43*	*PD43*
Sample ID:			*PD38B+C2*	*PD39A+B1*	*PD39C2*	*PD41B1*	*PD41C1+2*	*PD42A1*	*PD42C1*	*PD43A1*	*PD43B1*	*PD43C2*
Sample Date:			*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*
Sample Depth:			*8-14 ft BGS*	*3-7 ft BGS*	*9-11 ft BGS*	*2-8 ft BGS*	*8-12 ft BGS*	*4-6 ft BGS*	*8-10 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*8-10 ft BGS*
Parameter	*Units*	*RUSCO Criteria*										
PCBs												
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (19)	ND (19)	ND (25)	ND (420)	ND (40)	ND (28)	ND (22)	ND (19)	ND (26)	ND (26)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (19)	ND (19)	ND (25)	ND (830)	ND (80)	ND (28)	ND (22)	ND (19)	ND (26)	ND (26)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (19)	ND (19)	ND (25)	ND (420)	ND (40)	ND (28)	ND (22)	ND (19)	ND (26)	ND (26)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (19)	ND (19)	ND (25)	ND (420)	ND (40)	ND (28)	ND (22)	ND (19)	ND (26)	ND (26)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (19)	240	ND (25)	ND (420)	ND (40)	ND (28)	ND (22)	ND (19)	ND (26)	ND (26)
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (19)	ND (19)	ND (25)	ND (420)	ND (40)	ND (28)	ND (22)	ND (19)	ND (26)	ND (26)
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (19)	ND (19)	ND (25)	ND (420)	ND (40)	ND (28)	ND (22)	ND (19)	ND (26)	ND (26)
Total PCBs	µg/kg	-	ND	240	ND	ND	ND	ND	ND	ND	ND	ND
Pesticides												
4,4'-DDD	µg/kg	180000	ND (1.9)	ND (1.9)	ND (2.5)	ND (42)	ND (4.0)	ND (2.8)	ND (2.2)	ND (1.9)	ND (2.6)	ND (2.6)
4,4'-DDE	µg/kg	120000	ND (1.9)	ND (1.9)	ND (2.5)	ND (42)	ND (4.0)	ND (2.8)	ND (2.2)	ND (1.9)	ND (2.6)	ND (2.6)
4,4'-DDT	µg/kg	94000	ND (3.8)	ND (38)	ND (5.1)	ND (42)	ND (4.0)	ND (5.6)	ND (4.4)	ND (3.8)	ND (5.1)	ND (5.1)
Aldrin	µg/kg	1400	ND (1.5)	ND (1.5)	ND (2.0)	ND (21)	ND (2.0)	ND (2.2)	ND (1.8)	ND (1.5)	ND (2.1)	ND (2.1)
alpha-BHC	µg/kg	6800	ND (0.96)	ND (0.95)	ND (1.3)	ND (21)	ND (2.0)	ND (1.4)	ND (1.1)	ND (0.95)	ND (1.3)	ND (1.3)
alpha-Chlordane	µg/kg	47000	ND (1.9)	ND (1.9)	ND (2.5)	ND (21)	ND (2.0)	ND (2.8)	ND (2.2)	ND (1.9)	ND (2.6)	ND (2.6)
beta-BHC	µg/kg	14000	ND (1.9)	ND (1.9)	ND (2.5)	ND (21)	ND (2.0)	ND (2.8)	ND (2.2)	ND (1.9)	ND (2.6)	ND (2.6)
delta-BHC	µg/kg	1000000	ND (1.9)	ND (1.9)	ND (2.5)	ND (21)	ND (2.0)	ND (2.8)	ND (2.2)	ND (1.9)	ND (2.6)	ND (2.6)
Dieldrin	µg/kg	2800	ND (1.9)	ND (1.9)	ND (2.5)	ND (42)	ND (4.0)	ND (2.8)	ND (2.2)	ND (1.9)	ND (2.6)	ND (2.6)
Endosulfan I	µg/kg	920000	ND (1.9)	ND (1.9)	ND (2.5)	ND (21)	ND (2.0)	ND (2.8)	ND (2.2)	ND (1.9)	ND (2.6)	ND (2.6)
Endosulfan II	µg/kg	920000	ND (1.9)	ND (1.9)	ND (2.5)	ND (42)	ND (4.0)	ND (2.8)	ND (2.2)	ND (1.9)	ND (2.6)	ND (2.6)
Endosulfan sulfate	µg/kg	920000	ND (3.8)	ND (3.8)	ND (5.1)	ND (42)	ND (4.0)	ND (5.6)	ND (4.4)	ND (3.8)	ND (5.1)	ND (5.1)
Endrin	µg/kg	410000	ND (1.9)	ND (1.9)	ND (2.5)	ND (42)	ND (4.0)	ND (2.8)	ND (2.2)	ND (1.9)	ND (2.6)	ND (2.6)
Endrin aldehyde	µg/kg	-	ND (1.9)	ND (1.9)	ND (2.5)	ND (42)	ND (4.0)	ND (2.8)	ND (2.2)	ND (1.9)	ND (2.6)	ND (2.6)
Endrin ketone	µg/kg	-	ND (1.9)	ND (1.9)	ND (2.5)	ND (42)	ND (4.0)	ND (2.8)	ND (2.2)	ND (1.9)	ND (2.6)	ND (2.6)
gamma-BHC (lindane)	µg/kg	23000	ND (1.9)	ND (1.9)	ND (2.5)	ND (21)	ND (2.0)	ND (2.8)	ND (2.2)	ND (1.9)	ND (2.6)	ND (2.6)
gamma-Chlordane	µg/kg	-	ND (1.9)	ND (1.9)	ND (2.5)	ND (21)	ND (2.0)	ND (2.8)	ND (2.2)	ND (1.9)	ND (2.6)	ND (2.6)
Heptachlor	µg/kg	29000	ND (1.5)	ND (1.5)	ND (2.0)	ND (21)	ND (2.0)	ND (2.2)	ND (1.8)	ND (1.5)	ND (2.1)	ND (2.1)
Heptachlor epoxide	µg/kg	-	ND (3.8)	ND (3.8)	ND (5.1)	ND (21)	ND (2.0)	ND (5.6)	ND (4.4)	ND (3.9)	ND (5.1)	ND (5.1)
Methoxychlor	µg/kg	-	ND (15)	ND (15)	ND (20)	ND (210)	ND (20)	ND (22)	ND (18)	ND (15)	ND (21)	ND (21)
Toxaphene	µg/kg	-	ND (9.6)	ND (9.5)	ND (13)	ND (2100)	ND (200)	ND (28)	ND (11)	ND (9.5)	ND (13)	ND (13)
Petroleum Hydrocarbons												
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PD38*	*PD39*	*PD39*	*PD41*	*PD41*	*PD42*	*PD42*	*PD43*	*PD43*	*PD43*
Sample ID:			*PD38B+C2*	*PD39A+B1*	*PD39C2*	*PD41B1*	*PD41C1+2*	*PD42A1*	*PD42C1*	*PD43A1*	*PD43B1*	*PD43C2*
Sample Date:			*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*	*12/8/1993*
Sample Depth:			*8-14 ft BGS*	*3-7 ft BGS*	*9-11 ft BGS*	*2-8 ft BGS*	*8-12 ft BGS*	*4-6 ft BGS*	*8-10 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*8-10 ft BGS*
Parameter	*Units*	*RUSCO Criteria*										
General Chemistry												
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	ND (1200)	ND (1100)	ND (1700)	ND (1200)	ND (1200)	ND (1200)	ND (1400)	ND (1200)	ND (1300)	ND (1500)
N-Hexane extractable material	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	84200	891000	532000	4445050	2665000	810000	138000	2310000	720000	581000
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	439000	3045000	2380000	582000	117000	1800000	510000	513000
Total solids	%	-	-	-	-	-	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PD44*	*PD44*	*PD44*	*PDW-1*	*PDW-1*	*PDW-1*	*PDW-3*	*PDW-3*	*PDW-3*
Sample ID:			*PD44A+B1*	*PD44C1+2+3*	*PD44C1+2+3-FD*	*PDW1A1*	*PDW1B2*	*PDW1C3*	*PDW3A1*	*PDW3B3*	*PDW3C2*
Sample Date:			*12/15/1993*	*12/15/1993*	*12/15/1993*	*11/29/1993*	*11/29/1993*	*11/29/1993*	*11/29/1993*	*11/29/1993*	*11/29/1993*
Sample Depth:			*0-4 ft BGS*	*4-11 ft BGS*	*4-11 ft BGS*	*1.3-3 ft BGS*	*4-6 ft BGS*	*10-12 ft BGS*	*1-3 ft BGS*	*7-9 ft BGS*	*11-13 ft BGS*
		RUSCO			*Duplicate*						
Parameter	*Units*	*Criteria*									
Volatiles											
1,1,1-Trichloroethane	µg/kg	1000000	ND (12)	ND (12)	ND (12)	ND (58)	ND (12)	ND (14)	ND (58)	ND (12)	ND (12)
1,1,2,2-Tetrachloroethane	µg/kg	-	ND (12)	ND (12)	ND (12)	ND (58)	ND (12)	ND (14)	ND (58)	ND (12)	ND (12)
1,1,2-Trichloroethane	µg/kg	-	ND (12)	ND (12)	ND (12)	ND (58)	ND (12)	ND (14)	ND (58)	ND (12)	ND (12)
1,1-Dichloroethane	µg/kg	480000	ND (12)	ND (12)	ND (12)	ND (58)	ND (12)	ND (14)	ND (58)	ND (12)	ND (12)
1,1-Dichloroethene	µg/kg	1000000	ND (12)	ND (12)	ND (12)	ND (58)	ND (12)	ND (14)	ND (58)	ND (12)	ND (12)
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	ND (12)	ND (12)	ND (12)	ND (58)	ND (12)	ND (14)	ND (58)	ND (12)	ND (12)
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	ND (58)	ND (12)	ND (14)	ND (58)	ND (12)	ND (12)
1,2-Dichloropropane	µg/kg	-	ND (12)	ND (12)	ND (12)	ND (58)	ND (12)	ND (14)	ND (58)	ND (12)	ND (12)
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	ND (12)	ND (12)	ND (12)	ND (58)	ND (12)	ND (14)	ND (58)	ND (12)	ND (12)
2-Hexanone	µg/kg	-	ND (12)	ND (12)	ND (12)	ND (58)	ND (12)	ND (14)	ND (58)	ND (12)	ND (12)
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	ND (12)	ND (12)	ND (12)	ND (58)	ND (12)	ND (14)	ND (58)	ND (12)	ND (12)
Acetone	µg/kg	1000000	ND (12)	ND (17)	ND (24)	200	ND (12)	ND (14)	96	ND (12)	ND (12)
Benzene	µg/kg	89000	ND (12)	ND (12)	ND (12)	ND (58)	ND (12)	ND (14)	ND (58)	ND (12)	ND (12)
Bromodichloromethane	µg/kg	-	ND (12)	ND (12)	ND (12)	ND (58)	ND (12)	ND (14)	ND (58)	ND (12)	ND (12)
Bromoform	µg/kg	-	ND (12)	ND (12)	ND (12)	ND (58)	ND (12)	ND (14)	ND (58)	ND (12)	ND (12)
Bromomethane (Methyl bromide)	µg/kg	-	ND (12)	ND (12)	ND (12)	ND (58)	ND (12)	ND (14)	ND (58)	ND (12)	ND (12)
Carbon disulfide	µg/kg	-	ND (12)	ND (12)	ND (12)	ND (58)	ND (12)	ND (14)	ND (58)	ND (12)	ND (12)
Carbon tetrachloride	µg/kg	44000	ND (12)	ND (12)	ND (12)	ND (58)	ND (12)	ND (14)	ND (58)	ND (12)	ND (12)
Chlorobenzene	µg/kg	1000000	ND (12)	ND (12)	ND (12)	ND (58)	ND (12)	ND (14)	ND (58)	ND (12)	ND (12)
Chloroethane	µg/kg	-	ND (12)	ND (12)	ND (12)	ND (58)	ND (12)	ND (14)	ND (58)	ND (12)	ND (12)
Chloroform (Trichloromethane)	µg/kg	700000	ND (12)	ND (12)	ND (12)	ND (58)	ND (12)	ND (14)	ND (58)	ND (12)	ND (12)
Chloromethane (Methyl chloride)	µg/kg	-	ND (12)	ND (12)	ND (12)	ND (58)	ND (12)	ND (14)	ND (58)	ND (12)	ND (12)
cis-1,2-Dichloroethene	µg/kg	1000000	ND (12)	ND (12)	ND (12)	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	ND (12)	ND (12)	ND (12)	ND (58)	ND (12)	ND (14)	ND (58)	ND (12)	ND (12)
Cyclohexane	µg/kg	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	ND (12)	ND (12)	ND (12)	ND (58)	ND (12)	ND (14)	ND (58)	ND (12)	ND (12)
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	ND (12)	ND (12)	ND (12)	ND (58)	ND (12)	ND (14)	320	ND (12)	ND (12)
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PD44*	*PD44*	*PD44*	*PDW-1*	*PDW-1*	*PDW-1*	*PDW-3*	*PDW-3*	*PDW-3*
Sample ID:			*PD44A+B1*	*PD44C1+2+3*	*PD44C1+2+3-FD*	*PDW1A1*	*PDW1B2*	*PDW1C3*	*PDW3A1*	*PDW3B3*	*PDW3C2*
Sample Date:			*12/15/1993*	*12/15/1993*	*12/15/1993*	*11/29/1993*	*11/29/1993*	*11/29/1993*	*11/29/1993*	*11/29/1993*	*11/29/1993*
Sample Depth:			*0-4 ft BGS*	*4-11 ft BGS*	*4-11 ft BGS*	*1.3-3 ft BGS*	*4-6 ft BGS*	*10-12 ft BGS*	*1-3 ft BGS*	*7-9 ft BGS*	*11-13 ft BGS*
		RUSCO			*Duplicate*						
Parameter	*Units*	*Criteria*									
m&p-Xylenes	µg/kg	-	-	-	-	-	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	ND (12)	ND (14)	ND (27)	ND (58)	ND (12)	ND (14)	ND (58)	ND (12)	ND (12)
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-	-	-	-
Styrene	µg/kg	-	ND (12)	ND (12)	ND (12)	ND (58)	ND (12)	ND (14)	ND (58)	ND (12)	ND (12)
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	ND (12)	ND (12)	ND (12)	ND (58)	ND (12)	ND (14)	ND (58)	ND (12)	ND (12)
Toluene	µg/kg	1000000	ND (12)	ND (12)	ND (12)	ND (58)	ND (12)	ND (14)	ND (58)	ND (12)	ND (12)
trans-1,2-Dichloroethene	µg/kg	1000000	ND (12)	ND (12)	ND (12)	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	ND (12)	ND (12)	ND (12)	ND (58)	ND (12)	ND (14)	ND (58)	ND (12)	ND (12)
Trichloroethene	µg/kg	400000	ND (12)	ND (12)	ND (12)	ND (58)	ND (12)	ND (14)	ND (58)	ND (12)	ND (12)
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	ND (12)	ND (12)	ND (12)	ND (58)	ND (12)	ND (14)	ND (58)	ND (12)	ND (12)
Xylenes (total)	µg/kg	1000000	ND (12)	ND (12)	ND (12)	ND (58)	ND (12)	ND (14)	160	7 J	5 J
Semi-Volatiles											
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
2-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PD44*	*PD44*	*PD44*	*PDW-1*	*PDW-1*	*PDW-1*	*PDW-3*	*PDW-3*	*PDW-3*
Sample ID:			*PD44A+B1*	*PD44C1+2+3*	*PD44C1+2+3-FD*	*PDW1A1*	*PDW1B2*	*PDW1C3*	*PDW3A1*	*PDW3B3*	*PDW3C2*
Sample Date:			*12/15/1993*	*12/15/1993*	*12/15/1993*	*11/29/1993*	*11/29/1993*	*11/29/1993*	*11/29/1993*	*11/29/1993*	*11/29/1993*
Sample Depth:			*0-4 ft BGS*	*4-11 ft BGS*	*4-11 ft BGS*	*1.3-3 ft BGS*	*4-6 ft BGS*	*10-12 ft BGS*	*1-3 ft BGS*	*7-9 ft BGS*	*11-13 ft BGS*
		RUSCO			*Duplicate*						
Parameter	*Units*	*Criteria*									
3-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Acenaphthylene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Atrazine	µg/kg	-	-	-	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Benzo(a)pyrene	µg/kg	1100	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Benzo(b)fluoranthene	µg/kg	11000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Benzo(g,h,i)perylene	µg/kg	1000000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Benzo(k)fluoranthene	µg/kg	110000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-	-	-	-	-
Chrysene	µg/kg	110000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Diethyl phthalate	µg/kg	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Fluorene	µg/kg	1000000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PD44*	*PD44*	*PD44*	*PDW-1*	*PDW-1*	*PDW-1*	*PDW-3*	*PDW-3*	*PDW-3*
Sample ID:			*PD44A+B1*	*PD44C1+2+3*	*PD44C1+2+3-FD*	*PDW1A1*	*PDW1B2*	*PDW1C3*	*PDW3A1*	*PDW3B3*	*PDW3C2*
Sample Date:			*12/15/1993*	*12/15/1993*	*12/15/1993*	*11/29/1993*	*11/29/1993*	*11/29/1993*	*11/29/1993*	*11/29/1993*	*11/29/1993*
Sample Depth:			*0-4 ft BGS*	*4-11 ft BGS*	*4-11 ft BGS*	*1.3-3 ft BGS*	*4-6 ft BGS*	*10-12 ft BGS*	*1-3 ft BGS*	*7-9 ft BGS*	*11-13 ft BGS*
		RUSCO			*Duplicate*						
Parameter	*Units*	*Criteria*									
Isophorone	µg/kg	-	-	-	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Nitrobenzene	µg/kg	140000	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-	-	-	-	-
Phenanthrene	µg/kg	1000000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Phenol	µg/kg	1000000	-	-	-	-	-	-	-	-	-
Pyrene	µg/kg	1000000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Metals											
Aluminum	µg/kg	-	4600000	12000000	11500000	8110000	6680000	2810000	7600000	8520000	9740000
Antimony	µg/kg	-	ND (11800)	ND (14000)	ND (14100)	13700 B	55100	ND (10900)	ND (10400)	ND (11000)	ND (11600)
Arsenic	µg/kg	16000	**123000**	13400	11500	**50100**	**215000 B**	**27500**	**50400**	4000	8800
Barium	µg/kg	10000000	95000	40300 B	37700 B	139000	133000	46800 B	124000	83500	75400
Beryllium	µg/kg	2700000	510 B	840 B	ND (310)	21500	1300	520 B	1500	470 B	490 B
Cadmium	µg/kg	60000	6900	ND (1200)	ND (1200)	11400	**130000**	ND (950)	1300	ND (960)	ND (1000)
Calcium	µg/kg	-	7940000	7200000	6760000	46500000	31900000	1530000	24900000	2770000	5290000
Chromium	µg/kg	-	29000	32900	29700	54100	94100	14000	77800	16700	19300
Cobalt	µg/kg	-	235000	96900	94300	23000	49100	6300 B	37000	7500 B	9000 B
Copper	µg/kg	10000000	**32700000**	1550000	1400000	**52700000**	**51100000**	1180000	**40800000**	215000	659000
Iron	µg/kg	-	54400000	44900000	41900000	23700000	58100000	13800000	78400000	15200000	18000000
Lead	µg/kg	3900000	1330000	166000	130000	1000000	1410000	411000	645000	160000	117000
Magnesium	µg/kg	-	4800000	6120000	5990000	11000000	19500000	1510000	32600000	3520000	4090000
Manganese	µg/kg	10000000	251000	390000	369000	214000	235000	51100	646000	266000	253000
Mercury	µg/kg	5700	1300	740	ND (150)	1200	1500	1200	1500	1300	3000
Nickel	µg/kg	10000000	213000	53600	44900	340000	302000	15200	166000	24200	27000
Potassium	µg/kg	-	858000 B	3470000	3540000	2200000	1110000 B	869000 B	753000 B	805000 B	1220000 B
Selenium	µg/kg	6800000	58100	ND (910)	ND (920)	ND (7000)	16400	730 B	ND (680)	ND (720)	ND (750)
Silver	µg/kg	6800000	71700	ND (2100)	ND (2100)	8700	ND (1600)	ND (1700)	ND (1600)	ND (1700)	ND (1800)
Sodium	µg/kg	-	228000 B	1830000	1670000	521000 B	559000 B	285000 B	397000 B	205000 B	343000 B
Thallium	µg/kg	-	ND (1000)	ND (1200)	ND (1200)	ND (2300)	ND (2300)	ND (2400)	ND (230)	ND (240)	ND (250)
Vanadium	µg/kg	-	9400 B	28600	29800	52700	41900	13400	105000	19100	25300
Zinc	µg/kg	10000000	2480000	851000	741000	3730000	3480000	382000	9590000	130000	177000

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PD44*	*PD44*	*PD44*	*PDW-1*	*PDW-1*	*PDW-1*	*PDW-3*	*PDW-3*	*PDW-3*
Sample ID:			*PD44A+B1*	*PD44C1+2+3*	*PD44C1+2+3-FD*	*PDW1A1*	*PDW1B2*	*PDW1C3*	*PDW3A1*	*PDW3B3*	*PDW3C2*
Sample Date:			*12/15/1993*	*12/15/1993*	*12/15/1993*	*11/29/1993*	*11/29/1993*	*11/29/1993*	*11/29/1993*	*11/29/1993*	*11/29/1993*
Sample Depth:			*0-4 ft BGS*	*4-11 ft BGS*	*4-11 ft BGS*	*1.3-3 ft BGS*	*4-6 ft BGS*	*10-12 ft BGS*	*1-3 ft BGS*	*7-9 ft BGS*	*11-13 ft BGS*
		RUSCO			*Duplicate*						
Parameter	*Units*	*Criteria*									
PCBs											
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (20)	ND (20)	ND (20)	ND (190)	ND (190)	ND (23)	ND (19)	ND (20)	ND (20)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (20)	ND (20)	ND (20)	ND (190)	ND (190)	ND (23)	ND (19)	ND (20)	ND (20)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (20)	ND (20)	ND (20)	ND (190)	ND (190)	ND (23)	ND (19)	ND (20)	ND (20)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (20)	ND (20)	ND (20)	1700	1900	ND (23)	ND (19)	ND (20)	ND (20)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (20)	ND (20)	ND (20)	ND (190)	ND (190)	ND (23)	ND (19)	ND (20)	ND (20)
Aroclor-1254 (PCB-1254)	µg/kg	-	110	ND (20)	ND (20)	1300	1200	73	180	ND (20)	ND (20)
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (20)	ND (20)	ND (20)	ND (190)	ND (190)	ND (23)	ND (19)	ND (20)	ND (20)
Total PCBs	µg/kg	-	110	ND	ND	3000	3100	73	180	ND	ND
Pesticides											
4,4'-DDD	µg/kg	180000	ND (2.0)	ND (2.0)	ND (2.0)	ND (19)	ND (19)	ND (2.3)	ND (1.9)	ND (2.0)	ND (2.0)
4,4'-DDE	µg/kg	120000	ND (2.0)	ND (2.0)	ND (2.0)	ND (19)	ND (19)	ND (2.3)	ND (1.9)	ND (2.0)	ND (2.0)
4,4'-DDT	µg/kg	94000	ND (4.0)	ND (4.1)	ND (4.1)	ND (38)	ND (39)	ND (4.7)	ND (3.8)	ND (4.0)	ND (4.1)
Aldrin	µg/kg	1400	ND (1.6)	ND (1.6)	ND (1.6)	ND (15)	ND (16)	ND (1.9)	ND (1.5)	ND (1.6)	ND (1.6)
alpha-BHC	µg/kg	6800	ND (0.99)	ND (1.0)	ND (1.0)	ND (9.6)	ND (9.7)	ND (1.2)	ND (0.96)	ND (0.99)	ND (1.0)
alpha-Chlordane	µg/kg	47000	ND (2.0)	ND (2.0)	ND (2.0)	ND (19)	ND (19)	ND (2.3)	ND (1.9)	ND (2.0)	ND (2.0)
beta-BHC	µg/kg	14000	ND (2.0)	ND (2.0)	ND (2.0)	ND (19)	ND (19)	ND (2.3)	ND (1.9)	ND (2.0)	ND (2.0)
delta-BHC	µg/kg	1000000	ND (2.0)	ND (2.0)	ND (2.0)	ND (19)	ND (19)	ND (2.3)	ND (1.9)	ND (2.0)	ND (2.0)
Dieldrin	µg/kg	2800	ND (2.0)	ND (2.0)	ND (2.0)	ND (19)	ND (19)	ND (2.3)	ND (1.9)	ND (2.0)	ND (2.0)
Endosulfan I	µg/kg	920000	ND (2.0)	ND (2.0)	ND (2.0)	ND (19)	ND (19)	ND (2.3)	ND (1.9)	ND (2.0)	ND (2.0)
Endosulfan II	µg/kg	920000	ND (2.0)	ND (2.0)	ND (2.0)	ND (19)	ND (19)	ND (2.3)	ND (1.9)	ND (2.0)	ND (2.0)
Endosulfan sulfate	µg/kg	920000	ND (4.0)	ND (4.1)	ND (4.1)	ND (38)	ND (39)	ND (4.7)	ND (3.8)	ND (4.0)	ND (4.1)
Endrin	µg/kg	410000	ND (2.0)	ND (2.0)	ND (2.0)	ND (19)	ND (19)	ND (2.3)	ND (1.9)	ND (2.0)	ND (2.0)
Endrin aldehyde	µg/kg	-	ND (2.0)	ND (2.0)	ND (2.0)	ND (19)	ND (19)	ND (2.3)	ND (1.9)	ND (2.0)	ND (2.0)
Endrin ketone	µg/kg	-	ND (2.0)	ND (2.0)	ND (2.0)	ND (19)	ND (19)	ND (2.3)	ND (1.9)	ND (2.0)	ND (2.0)
gamma-BHC (lindane)	µg/kg	23000	ND (2.0)	ND (2.0)	ND (2.0)	ND (19)	ND (19)	ND (2.3)	ND (1.9)	ND (2.0)	ND (2.0)
gamma-Chlordane	µg/kg	-	ND (2.0)	ND (2.0)	ND (2.0)	ND (19)	ND (19)	ND (2.3)	ND (1.9)	ND (2.0)	ND (2.0)
Heptachlor	µg/kg	29000	ND (1.6)	ND (1.6)	ND (1.6)	ND (15)	ND (16)	ND (1.9)	ND (1.5)	ND (1.6)	ND (1.6)
Heptachlor epoxide	µg/kg	-	ND (4.0)	ND (4.1)	ND (4.1)	ND (38)	ND (39)	ND (4.7)	ND (3.8)	ND (4.0)	ND (4.1)
Methoxychlor	µg/kg	-	ND (16)	ND (16)	ND (16)	ND (150)	ND (160)	ND (19)	ND (15)	ND (16)	ND (16)
Toxaphene	µg/kg	-	ND (9.9)	ND (10)	ND (10)	ND (96)	ND (97)	ND (12)	ND (9.6)	ND (9.9)	ND (10)
Petroleum Hydrocarbons											
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PD44*	*PD44*	*PD44*	*PDW-1*	*PDW-1*	*PDW-1*	*PDW-3*	*PDW-3*	*PDW-3*
Sample ID:			*PD44A+B1*	*PD44C1+2+3*	*PD44C1+2+3-FD*	*PDW1A1*	*PDW1B2*	*PDW1C3*	*PDW3A1*	*PDW3B3*	*PDW3C2*
Sample Date:			*12/15/1993*	*12/15/1993*	*12/15/1993*	*11/29/1993*	*11/29/1993*	*11/29/1993*	*11/29/1993*	*11/29/1993*	*11/29/1993*
Sample Depth:			*0-4 ft BGS*	*4-11 ft BGS*	*4-11 ft BGS*	*1.3-3 ft BGS*	*4-6 ft BGS*	*10-12 ft BGS*	*1-3 ft BGS*	*7-9 ft BGS*	*11-13 ft BGS*
		RUSCO			*Duplicate*						
Parameter	*Units*	*Criteria*									
General Chemistry											
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	ND (1300)	ND (1500)	ND (1500)	ND (1200)	ND (1100)	ND (1200)	ND (1100)	ND (1200)	ND (1300)
N-Hexane extractable material	µg/kg	-	-	-	-	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	3742000	609000	616000	1210000	1360000	214000	429000	191000	198000
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	2439000	486000	496000	946000	1000000	165000	341000	117000	129000
Total solids	%	-	-	-	-	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PDW-7*	*PDW-7*	*PDW-7*	*PDW-9*	*PDW-9*	*PDW-9*	*PDW-11*	*PDW-11*	*PDW-11*
Sample ID:			*PDW7A1*	*PDW7B1+2*	*PDW7C1*	*PDW9A1*	*PDW9B2*	*PDW9C1*	*PD11A1*	*PD11B1*	*PD11C3*
Sample Date:			*11/30/1993*	*11/30/1993*	*11/30/1993*	*11/30/1993*	*11/30/1993*	*11/30/1993*	*12/7/1993*	*12/7/1993*	*12/7/1993*
Sample Depth:			*0-4 ft BGS*	*4-8 ft BGS*	*8-12 ft BGS*	*1-3 ft BGS*	*3-5 ft BGS*	*5-8 ft BGS*	*1-3 ft BGS*	*3-5 ft BGS*	*9-11 ft BGS*
Parameter	*Units*	*RUSCO Criteria*									
Volatiles											
1,1,1-Trichloroethane	µg/kg	1000000	ND (11)	ND (12)	ND (12)	ND (11)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)
1,1,2,2-Tetrachloroethane	µg/kg	-	ND (11)	ND (12)	ND (12)	ND (11)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)
1,1,2-Trichloroethane	µg/kg	-	ND (11)	ND (12)	ND (12)	ND (11)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)
1,1-Dichloroethane	µg/kg	480000	ND (11)	ND (12)	ND (12)	ND (11)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)
1,1-Dichloroethene	µg/kg	1000000	ND (11)	ND (12)	ND (12)	ND (11)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	ND (11)	ND (12)	ND (12)	ND (11)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)
1,2-Dichloroethene (total)	µg/kg	-	ND (11)	ND (12)	ND (12)	ND (11)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)
1,2-Dichloropropane	µg/kg	-	ND (11)	ND (12)	ND (12)	ND (11)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	ND (11)	ND (12)	ND (12)	ND (11)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)
2-Hexanone	µg/kg	-	ND (11)	ND (12)	ND (12)	ND (11)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	ND (11)	ND (12)	ND (12)	ND (11)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)
Acetone	µg/kg	1000000	ND (11)	ND (12)	ND (12)	ND (11)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)
Benzene	µg/kg	89000	ND (11)	ND (12)	ND (12)	ND (11)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)
Bromodichloromethane	µg/kg	-	ND (11)	ND (12)	ND (12)	ND (11)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)
Bromoform	µg/kg	-	ND (11)	ND (12)	ND (12)	ND (11)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)
Bromomethane (Methyl bromide)	µg/kg	-	ND (11)	ND (12)	ND (12)	ND (11)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)
Carbon disulfide	µg/kg	-	ND (11)	ND (12)	ND (12)	ND (11)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)
Carbon tetrachloride	µg/kg	44000	ND (11)	ND (12)	ND (12)	ND (11)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)
Chlorobenzene	µg/kg	1000000	ND (11)	ND (12)	ND (12)	ND (11)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)
Chloroethane	µg/kg	-	ND (11)	ND (12)	ND (12)	ND (11)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)
Chloroform (Trichloromethane)	µg/kg	700000	ND (11)	ND (12)	ND (12)	ND (11)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)
Chloromethane (Methyl chloride)	µg/kg	-	ND (11)	ND (12)	ND (12)	ND (11)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	ND (12)	ND (12)	ND (12)
cis-1,3-Dichloropropene	µg/kg	-	ND (11)	ND (12)	ND (12)	ND (11)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)
Cyclohexane	µg/kg	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	ND (11)	ND (12)	ND (12)	ND (11)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	ND (11)	ND (12)	ND (12)	ND (11)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PDW-7*	*PDW-7*	*PDW-7*	*PDW-9*	*PDW-9*	*PDW-9*	*PDW-11*	*PDW-11*	*PDW-11*
Sample ID:			*PDW7A1*	*PDW7B1+2*	*PDW7C1*	*PDW9A1*	*PDW9B2*	*PDW9C1*	*PD11A1*	*PD11B1*	*PD11C3*
Sample Date:			*11/30/1993*	*11/30/1993*	*11/30/1993*	*11/30/1993*	*11/30/1993*	*11/30/1993*	*12/7/1993*	*12/7/1993*	*12/7/1993*
Sample Depth:			*0-4 ft BGS*	*4-8 ft BGS*	*8-12 ft BGS*	*1-3 ft BGS*	*3-5 ft BGS*	*5-8 ft BGS*	*1-3 ft BGS*	*3-5 ft BGS*	*9-11 ft BGS*
Parameter	*Units*	*RUSCO Criteria*									
m&p-Xylenes	µg/kg	-	-	-	-	-	-	-	ND (12)	ND (12)	ND (12)
Methyl acetate	µg/kg	-	-	-	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	ND (11)	ND (12)	ND (12)	ND (11)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-	-	-	-
Styrene	µg/kg	-	ND (11)	ND (12)	ND (12)	ND (11)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	ND (11)	ND (12)	ND (12)	ND (11)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)
Toluene	µg/kg	1000000	ND (11)	ND (12)	ND (12)	ND (11)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	ND (11)	ND (12)	ND (12)	ND (11)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)
Trichloroethene	µg/kg	400000	ND (11)	ND (12)	ND (12)	ND (11)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	ND (11)	ND (12)	ND (12)	ND (11)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)
Xylenes (total)	µg/kg	1000000	5 J	ND (12)	ND (12)	ND (11)	ND (12)	ND (13)	ND (12)	ND (12)	ND (12)
Semi-Volatiles											
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
2-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PDW-7*	*PDW-7*	*PDW-7*	*PDW-9*	*PDW-9*	*PDW-9*	*PDW-11*	*PDW-11*	*PDW-11*
Sample ID:			*PDW7A1*	*PDW7B1+2*	*PDW7C1*	*PDW9A1*	*PDW9B2*	*PDW9C1*	*PD11A1*	*PD11B1*	*PD11C3*
Sample Date:			*11/30/1993*	*11/30/1993*	*11/30/1993*	*11/30/1993*	*11/30/1993*	*11/30/1993*	*12/7/1993*	*12/7/1993*	*12/7/1993*
Sample Depth:			*0-4 ft BGS*	*4-8 ft BGS*	*8-12 ft BGS*	*1-3 ft BGS*	*3-5 ft BGS*	*5-8 ft BGS*	*1-3 ft BGS*	*3-5 ft BGS*	*9-11 ft BGS*
Parameter	*Units*	*RUSCO Criteria*									
3-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Acenaphthylene	µg/kg	1000000	-	-	-	-	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Atrazine	µg/kg	-	-	-	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	750	ND (330)	ND (330)
Benzo(a)pyrene	µg/kg	1100	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	660	ND (330)	ND (330)
Benzo(b)fluoranthene	µg/kg	11000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	1200	ND (330)	ND (330)
Benzo(g,h,i)perylene	µg/kg	1000000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Benzo(k)fluoranthene	µg/kg	110000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	ND (330)	ND (330)	ND (330)	1700	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-	-	-	-	-
Chrysene	µg/kg	110000	ND (330)	ND (330)	ND (330)	450	ND (330)	ND (330)	750	ND (330)	ND (330)
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Diethyl phthalate	µg/kg	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	ND (330)	ND (330)	ND (330)	530	ND (330)	ND (330)	1600	ND (330)	ND (330)
Fluorene	µg/kg	1000000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PDW-7*	*PDW-7*	*PDW-7*	*PDW-9*	*PDW-9*	*PDW-9*	*PDW-11*	*PDW-11*	*PDW-11*
Sample ID:			*PDW7A1*	*PDW7B1+2*	*PDW7C1*	*PDW9A1*	*PDW9B2*	*PDW9C1*	*PD11A1*	*PD11B1*	*PD11C3*
Sample Date:			*11/30/1993*	*11/30/1993*	*11/30/1993*	*11/30/1993*	*11/30/1993*	*11/30/1993*	*12/7/1993*	*12/7/1993*	*12/7/1993*
Sample Depth:			*0-4 ft BGS*	*4-8 ft BGS*	*8-12 ft BGS*	*1-3 ft BGS*	*3-5 ft BGS*	*5-8 ft BGS*	*1-3 ft BGS*	*3-5 ft BGS*	*9-11 ft BGS*
Parameter	*Units*	*RUSCO Criteria*									
Isophorone	µg/kg	-	-	-	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Nitrobenzene	µg/kg	140000	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-	-	-	-	-
Phenanthrene	µg/kg	1000000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	740	ND (330)	ND (330)
Phenol	µg/kg	1000000	-	-	-	-	-	-	-	-	-
Pyrene	µg/kg	1000000	ND (330)	ND (330)	ND (330)	530	ND (330)	ND (330)	1500	ND (330)	ND (330)
Metals											
Aluminum	µg/kg	-	4470000	4540000	3580000	6130000	5970000	8510000	4930000	5980000	4910000
Antimony	µg/kg	-	ND (10200)	ND (11300)	ND (10300)	ND (10900)	ND (11400)	ND (12000)	ND (10600)	ND (11700)	ND (11200)
Arsenic	µg/kg	16000	13600	2100 B	1900 B	**37700**	11200	1800 B	**60200**	**70600**	**31900**
Barium	µg/kg	10000000	58800	21300 B	18500 B	251000	183000	102000	485000	221000	182000
Beryllium	µg/kg	2700000	490 B	ND (250)	ND (220)	850 B	440 B	1100 B	820 B	900 B	870 B
Cadmium	µg/kg	60000	2200	ND (980)	ND (900)	5200	**242000**	**187000**	3000	2300	3200
Calcium	µg/kg	-	12400000	1300000	1080000 B	14100000	6950000	4940000	8100000	3170000	2720000
Chromium	µg/kg	-	17700	8600	8100	30200	13800	15000	15400	17100	14800
Cobalt	µg/kg	-	4400 B	5100 B	2700 B	15900	96200	68800	49700	41200	24800
Copper	µg/kg	10000000	4370000	166000	144000	9460000	**13100000**	9860000	5470000	4230000	2700000
Iron	µg/kg	-	11600000	7640000	7260000	28900000	12900000	21700000	58600000	45400000	37200000
Lead	µg/kg	3900000	1080000	5900	5300	712000	1260000	866000	516000	720000	508000
Magnesium	µg/kg	-	2350000	2020000	1510000	5770000	3100000	2730000	2350000	2070000	1800000
Manganese	µg/kg	10000000	108000	78900	62100	226000	317000	304000	194000	116000	93000
Mercury	µg/kg	5700	1800	240	ND (110)	1900	2900	2200	440	890	930
Nickel	µg/kg	10000000	27000	10600	14600	93200	36400	34500	51100	47200	31600
Potassium	µg/kg	-	427000 B	337000 B	316000 B	626000 B	514000 B	638000 B	784000 B	539000 B	374000 B
Selenium	µg/kg	6800000	1900	ND (740)	ND (670)	ND (710)	ND (750)	ND (780)	2100	2800	15800
Silver	µg/kg	6800000	ND (1600)	ND (1700)	ND (1600)	ND (1700)	1800 B	ND (1800)	ND (1600)	ND (1800)	ND (1700)
Sodium	µg/kg	-	207000 B	111000 B	118000 B	688000 B	414000 B	419000 B	1910000	521000 B	290000 B
Thallium	µg/kg	-	460 B	360 B	310 B	ND (240)	ND (2500)	390 B	ND (230)	ND (260)	ND (240)
Vanadium	µg/kg	-	14500	12400	9700 B	52400	15800	14400	13500	16400	20400
Zinc	µg/kg	10000000	337000	124000	57800	1110000	**21400000**	**15600000**	2630000	1750000	1540000

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PDW-7*	*PDW-7*	*PDW-7*	*PDW-9*	*PDW-9*	*PDW-9*	*PDW-11*	*PDW-11*	*PDW-11*
Sample ID:			*PDW7A1*	*PDW7B1+2*	*PDW7C1*	*PDW9A1*	*PDW9B2*	*PDW9C1*	*PD11A1*	*PD11B1*	*PD11C3*
Sample Date:			*11/30/1993*	*11/30/1993*	*11/30/1993*	*11/30/1993*	*11/30/1993*	*11/30/1993*	*12/7/1993*	*12/7/1993*	*12/7/1993*
Sample Depth:			*0-4 ft BGS*	*4-8 ft BGS*	*8-12 ft BGS*	*1-3 ft BGS*	*3-5 ft BGS*	*5-8 ft BGS*	*1-3 ft BGS*	*3-5 ft BGS*	*9-11 ft BGS*
Parameter	*Units*	*RUSCO Criteria*									
PCBs											
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (19)	ND (20)	ND (19)	ND (19)	ND (20)	ND (22)	ND (20)	ND (20)	ND (20)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (19)	ND (20)	ND (19)	ND (19)	ND (20)	ND (22)	ND (20)	ND (20)	ND (20)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (19)	ND (20)	ND (19)	ND (19)	ND (20)	ND (22)	ND (20)	ND (20)	ND (20)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (19)	ND (20)	ND (19)	ND (19)	ND (20)	ND (22)	ND (20)	ND (20)	ND (20)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (19)	ND (20)	ND (19)	ND (19)	ND (20)	ND (22)	ND (20)	ND (20)	ND (20)
Aroclor-1254 (PCB-1254)	µg/kg	-	240	ND (20)	ND (19)	110	ND (20)	ND (22)	ND (20)	ND (20)	ND (20)
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (19)	ND (20)	ND (19)	ND (19)	ND (20)	ND (22)	ND (20)	ND (20)	ND (20)
Total PCBs	µg/kg	-	240	ND	ND	110	ND	ND	ND	ND	ND
Pesticides											
4,4'-DDD	µg/kg	180000	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.2)	ND (2.0)	ND (2.0)	ND (2.0)
4,4'-DDE	µg/kg	120000	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.2)	ND (2.0)	ND (2.0)	ND (2.0)
4,4'-DDT	µg/kg	94000	ND (3.7)	ND (4.1)	ND (3.8)	ND (3.7)	ND (4.1)	ND (4.3)	R	R	R
Aldrin	µg/kg	1400	ND (1.5)	ND (1.6)	ND (1.5)	ND (1.5)	ND (1.6)	ND (1.7)	ND (1.6)	ND (1.6)	ND (1.6)
alpha-BHC	µg/kg	6800	ND (0.93)	ND (1.0)	ND (0.96)	ND (0.93)	ND (1.0)	ND (1.1)	ND (0.98)	ND (1.0)	ND (0.98)
alpha-Chlordane	µg/kg	47000	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.2)	ND (2.0)	ND (2.0)	ND (2.0)
beta-BHC	µg/kg	14000	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.2)	ND (2.0)	ND (2.0)	ND (2.0)
delta-BHC	µg/kg	1000000	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.2)	ND (2.0)	ND (2.0)	ND (2.0)
Dieldrin	µg/kg	2800	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.2)	ND (2.0)	ND (2.0)	ND (2.0)
Endosulfan I	µg/kg	920000	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.2)	ND (2.0)	ND (2.0)	ND (2.0)
Endosulfan II	µg/kg	920000	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.2)	ND (2.0)	ND (2.0)	ND (2.0)
Endosulfan sulfate	µg/kg	920000	ND (3.7)	ND (4.1)	ND (3.8)	ND (3.7)	ND (4.1)	ND (4.3)	ND (3.9)	ND (4.0)	ND (3.9)
Endrin	µg/kg	410000	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.2)	ND (2.0)	ND (2.0)	ND (2.0)
Endrin aldehyde	µg/kg	-	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.2)	ND (2.0)	ND (2.0)	ND (2.0)
Endrin ketone	µg/kg	-	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.2)	ND (2.0)	ND (2.0)	ND (2.0)
gamma-BHC (lindane)	µg/kg	23000	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.2)	ND (2.0)	ND (2.0)	ND (2.0)
gamma-Chlordane	µg/kg	-	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.2)	ND (2.0)	ND (2.0)	ND (2.0)
Heptachlor	µg/kg	29000	ND (1.5)	ND (1.6)	ND (1.5)	ND (1.5)	ND (1.6)	ND (1.7)	ND (1.6)	ND (1.6)	ND (1.6)
Heptachlor epoxide	µg/kg	-	ND (3.7)	ND (4.1)	ND (3.8)	ND (3.7)	ND (4.1)	ND (4.3)	ND (3.9)	ND (4.0)	ND (3.9)
Methoxychlor	µg/kg	-	ND (15)	ND (16)	ND (15)	ND (15)	ND (16)	ND (17)	R	R	R
Toxaphene	µg/kg	-	ND (9.3)	ND (10)	ND (9.6)	ND (9.3)	ND (10)	ND (11)	ND (9.8)	ND (10)	ND (9.8)
Petroleum Hydrocarbons											
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PDW-7*	*PDW-7*	*PDW-7*	*PDW-9*	*PDW-9*	*PDW-9*	*PDW-11*	*PDW-11*	*PDW-11*
Sample ID:			*PDW7A1*	*PDW7B1+2*	*PDW7C1*	*PDW9A1*	*PDW9B2*	*PDW9C1*	*PD11A1*	*PD11B1*	*PD11C3*
Sample Date:			*11/30/1993*	*11/30/1993*	*11/30/1993*	*11/30/1993*	*11/30/1993*	*11/30/1993*	*12/7/1993*	*12/7/1993*	*12/7/1993*
Sample Depth:			*0-4 ft BGS*	*4-8 ft BGS*	*8-12 ft BGS*	*1-3 ft BGS*	*3-5 ft BGS*	*5-8 ft BGS*	*1-3 ft BGS*	*3-5 ft BGS*	*9-11 ft BGS*
Parameter	*Units*	*RUSCO Criteria*									
General Chemistry											
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	ND (1100)	ND (1200)	ND (1100)	ND (1200)	ND (1200)	ND (1300)	ND (1200)	ND (1300)	ND (1200)
N-Hexane extractable material	µg/kg	-	-	-	-	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	929000	93000	41000	534000	187000	79000	-	405000	318000
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	669000	88000	29000	408000	142000	53000	267000	270000	229000
Total solids	%	-	-	-	-	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PDW-13*	*PDW-13*	*PDW-15*	*PDW-15*	*PDW-18*	*PDW-18*	*PDW-18*	*PDW-20*
Sample ID:			*PDW13B1+2*	*PDW13C1+2*	*PDW15A1*	*PDW15B3+4*	*PDW18A*	*PDW18A-FD*	*PDW18B*	*PDW20A1*
Sample Date:			*12/13/1993*	*12/13/1993*	*12/2/1993*	*12/2/1993*	*12/15/1993*	*12/15/1993*	*12/15/1993*	*12/6/1993*
Sample Depth:			*2-6 ft BGS*	*7-11 ft BGS*	*1.2-4 ft BGS*	*8-12 ft BGS*	*5-7 ft BGS*	*5-7 ft BGS*	*11-14 ft BGS*	*1-3 ft BGS*
		RUSCO						*Duplicate*		
Parameter	*Units*	*Criteria*								
Volatiles										
1,1,1-Trichloroethane	µg/kg	1000000	ND (12)	ND (13)	ND (11)	ND (62)	ND (12)	ND (12)	ND (12)	ND (12)
1,1,2,2-Tetrachloroethane	µg/kg	-	ND (12)	ND (13)	ND (11)	ND (62)	ND (12)	ND (12)	ND (12)	ND (12)
1,1,2-Trichloroethane	µg/kg	-	ND (12)	ND (13)	ND (11)	ND (62)	ND (12)	ND (12)	ND (12)	ND (12)
1,1-Dichloroethane	µg/kg	480000	ND (12)	ND (13)	ND (11)	ND (62)	ND (12)	ND (12)	ND (12)	ND (12)
1,1-Dichloroethene	µg/kg	1000000	ND (12)	ND (13)	ND (11)	ND (62)	ND (12)	ND (12)	ND (12)	ND (12)
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	ND (12)	ND (13)	ND (11)	ND (62)	ND (12)	ND (12)	ND (12)	ND (12)
1,2-Dichloroethene (total)	µg/kg	-	ND (12)	ND (13)	-	-	-	-	-	ND (12)
1,2-Dichloropropane	µg/kg	-	ND (12)	ND (13)	ND (11)	ND (62)	ND (12)	ND (12)	ND (12)	ND (12)
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	ND (12)	ND (13)	ND (11)	ND (62)	ND (12)	ND (12)	ND (12)	ND (12)
2-Hexanone	µg/kg	-	ND (12)	ND (13)	ND (11)	ND (62)	ND (12)	ND (12)	ND (12)	ND (12)
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	ND (12)	ND (13)	ND (11)	ND (62)	ND (12)	ND (12)	ND (12)	ND (12)
Acetone	µg/kg	1000000	ND (12)	ND (13)	ND (11)	130	ND (12)	ND (12)	ND (12)	ND (12)
Benzene	µg/kg	89000	ND (12)	ND (13)	ND (11)	ND (62)	ND (12)	ND (12)	ND (12)	ND (12)
Bromodichloromethane	µg/kg	-	ND (12)	ND (13)	ND (11)	ND (62)	ND (12)	ND (12)	ND (12)	ND (12)
Bromoform	µg/kg	-	ND (12)	ND (13)	ND (11)	ND (62)	ND (12)	ND (12)	ND (12)	ND (12)
Bromomethane (Methyl bromide)	µg/kg	-	ND (12)	ND (13)	ND (11)	ND (62)	ND (12)	ND (12)	ND (12)	ND (12)
Carbon disulfide	µg/kg	-	ND (12)	ND (13)	ND (11)	ND (62)	ND (12)	ND (12)	ND (12)	ND (12)
Carbon tetrachloride	µg/kg	44000	ND (12)	ND (13)	ND (11)	ND (62)	ND (12)	ND (12)	ND (12)	ND (12)
Chlorobenzene	µg/kg	1000000	ND (12)	ND (13)	ND (11)	ND (62)	ND (12)	ND (12)	ND (12)	ND (12)
Chloroethane	µg/kg	-	ND (12)	ND (13)	ND (11)	ND (62)	ND (12)	ND (12)	ND (12)	ND (12)
Chloroform (Trichloromethane)	µg/kg	700000	ND (12)	ND (13)	ND (11)	ND (62)	ND (12)	ND (12)	ND (12)	ND (12)
Chloromethane (Methyl chloride)	µg/kg	-	ND (12)	ND (13)	ND (11)	ND (62)	ND (12)	ND (12)	ND (12)	ND (12)
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	ND (11)	ND (62)	ND (12)	ND (12)	ND (12)	-
cis-1,3-Dichloropropene	µg/kg	-	ND (12)	ND (13)	ND (11)	ND (62)	ND (12)	ND (12)	ND (12)	ND (12)
Cyclohexane	µg/kg	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	ND (12)	ND (13)	ND (11)	ND (62)	ND (12)	ND (12)	ND (12)	ND (12)
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	ND (12)	ND (13)	ND (11)	ND (62)	ND (12)	ND (12)	ND (12)	ND (12)
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PDW-13*	*PDW-13*	*PDW-15*	*PDW-15*	*PDW-18*	*PDW-18*	*PDW-18*	*PDW-20*
Sample ID:			*PDW13B1+2*	*PDW13C1+2*	*PDW15A1*	*PDW15B3+4*	*PDW18A*	*PDW18A-FD*	*PDW18B*	*PDW20A1*
Sample Date:			*12/13/1993*	*12/13/1993*	*12/2/1993*	*12/2/1993*	*12/15/1993*	*12/15/1993*	*12/15/1993*	*12/6/1993*
Sample Depth:			*2-6 ft BGS*	*7-11 ft BGS*	*1.2-4 ft BGS*	*8-12 ft BGS*	*5-7 ft BGS*	*5-7 ft BGS*	*11-14 ft BGS*	*1-3 ft BGS*
		RUSCO						*Duplicate*		
Parameter	*Units*	*Criteria*								
m&p-Xylenes	µg/kg	-	ND (12)	ND (13)	ND (11)	ND (62)	ND (12)	ND (12)	ND (12)	ND (12)
Methyl acetate	µg/kg	-	-	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	ND (12)	ND (13)	ND (11)	15 J	ND (12)	ND (12)	ND (12)	ND (12)
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-	-	-
Styrene	µg/kg	-	ND (12)	ND (13)	ND (11)	ND (62)	ND (12)	ND (12)	ND (12)	ND (12)
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	ND (12)	ND (13)	ND (11)	ND (62)	ND (12)	ND (12)	ND (12)	ND (12)
Toluene	µg/kg	1000000	ND (12)	ND (13)	ND (11)	ND (62)	ND (12)	ND (12)	ND (12)	ND (12)
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	ND (11)	ND (62)	ND (12)	ND (12)	ND (12)	-
trans-1,3-Dichloropropene	µg/kg	-	ND (12)	ND (13)	ND (11)	ND (62)	ND (12)	ND (12)	ND (12)	ND (12)
Trichloroethene	µg/kg	400000	ND (12)	ND (13)	ND (11)	ND (62)	ND (12)	ND (12)	ND (12)	ND (12)
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	ND (12)	ND (13)	ND (11)	ND (62)	ND (12)	ND (12)	ND (12)	ND (12)
Xylenes (total)	µg/kg	1000000	ND (12)	ND (13)	ND (11)	ND (62)	ND (12)	ND (12)	ND (12)	ND (12)
Semi-Volatiles										
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
2-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PDW-13*	*PDW-13*	*PDW-15*	*PDW-15*	*PDW-18*	*PDW-18*	*PDW-18*	*PDW-20*
Sample ID:			*PDW13B1+2*	*PDW13C1+2*	*PDW15A1*	*PDW15B3+4*	*PDW18A*	*PDW18A-FD*	*PDW18B*	*PDW20A1*
Sample Date:			*12/13/1993*	*12/13/1993*	*12/2/1993*	*12/2/1993*	*12/15/1993*	*12/15/1993*	*12/15/1993*	*12/6/1993*
Sample Depth:			*2-6 ft BGS*	*7-11 ft BGS*	*1.2-4 ft BGS*	*8-12 ft BGS*	*5-7 ft BGS*	*5-7 ft BGS*	*11-14 ft BGS*	*1-3 ft BGS*
		RUSCO						*Duplicate*		
Parameter	*Units*	*Criteria*								
3-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Acenaphthylene	µg/kg	1000000	-	-	-	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Atrazine	µg/kg	-	-	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Benzo(a)pyrene	µg/kg	1100	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Benzo(b)fluoranthene	µg/kg	11000	ND (330)	ND (330)	ND (330)	460	ND (330)	ND (330)	ND (330)	ND (330)
Benzo(g,h,i)perylene	µg/kg	1000000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Benzo(k)fluoranthene	µg/kg	110000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-	-	-	-
Chrysene	µg/kg	110000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Diethyl phthalate	µg/kg	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	ND (330)	ND (330)	ND (330)	830	ND (330)	ND (330)	ND (330)	2300
Fluorene	µg/kg	1000000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PDW-13*	*PDW-13*	*PDW-15*	*PDW-15*	*PDW-18*	*PDW-18*	*PDW-18*	*PDW-20*
Sample ID:			*PDW13B1+2*	*PDW13C1+2*	*PDW15A1*	*PDW15B3+4*	*PDW18A*	*PDW18A-FD*	*PDW18B*	*PDW20A1*
Sample Date:			*12/13/1993*	*12/13/1993*	*12/2/1993*	*12/2/1993*	*12/15/1993*	*12/15/1993*	*12/15/1993*	*12/6/1993*
Sample Depth:			*2-6 ft BGS*	*7-11 ft BGS*	*1.2-4 ft BGS*	*8-12 ft BGS*	*5-7 ft BGS*	*5-7 ft BGS*	*11-14 ft BGS*	*1-3 ft BGS*
		RUSCO						*Duplicate*		
Parameter	*Units*	*Criteria*								
Isophorone	µg/kg	-	-	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Nitrobenzene	µg/kg	140000	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-	-	-	-
Phenanthrene	µg/kg	1000000	ND (330)	ND (330)	ND (330)	660	ND (330)	ND (330)	ND (330)	ND (330)
Phenol	µg/kg	1000000	-	-	-	-	-	-	-	-
Pyrene	µg/kg	1000000	ND (330)	440	ND (330)	720	ND (330)	ND (330)	ND (330)	3100
Metals										
Aluminum	µg/kg	-	6520000	7500000	4460000	5650000	9810000	10800000	10400000	4790000
Antimony	µg/kg	-	ND (11100)	15000 B	ND (10300)	ND (11000)	ND (10800)	ND (10700)	ND (10700)	ND (10900)
Arsenic	µg/kg	16000	**25200**	**192000**	**60100**	**6810000**	2200 B	2100 B	1300 B	**74700**
Barium	µg/kg	10000000	105000	180000	184000	278000	63100	59400	72200	135000
Beryllium	µg/kg	2700000	720 B	750 B	ND (220)	650 B	700 B	910 B	910 B	1200
Cadmium	µg/kg	60000	1400	1800	1700	1700	ND (940)	ND (930)	ND (930)	5600
Calcium	µg/kg	-	6560000	5950000	29300000	5320000	1180000	1540000	1210000	28900000
Chromium	µg/kg	-	17000	22400	21700	17600	21200	20200	24200	26200
Cobalt	µg/kg	-	9600 B	95400	63300	45600	29600	29400	22000	17300
Copper	µg/kg	10000000	1030000	6310000	5500000	4110000	138000	126000	170000	**85600000**
Iron	µg/kg	-	15900000	43600000	57500000	59900000	19900000	20500000	21000000	24600000
Lead	µg/kg	3900000	148000	349000	348000	742000	35900	19600	7200	1230000
Magnesium	µg/kg	-	3350000	3000000	6350000	2000000	2570000	2630000	2880000	4860000
Manganese	µg/kg	10000000	266000	303000	193000	108000	128000	142000	128000	147000
Mercury	µg/kg	5700	490	650	340	1200	190	ND (120)	ND (120)	1200
Nickel	µg/kg	10000000	161000	79900	46700	68900	17500	18400	18000	123000
Potassium	µg/kg	-	1270000	1370000	583000 B	1100000 B	860000 B	921000 B	1020000 B	480000 B
Selenium	µg/kg	6800000	5400	11400	940 B	1500	ND (700)	ND (700)	ND (700)	11500
Silver	µg/kg	6800000	6200	11000	ND (1600)	ND (1700)	ND (1600)	ND (1600)	ND (1600)	20600
Sodium	µg/kg	-	221000 B	278000 B	412000 B	369000 B	325000 B	376000 B	354000 B	372000 B
Thallium	µg/kg	-	ND (240)	ND (250)	ND (220)	ND (240)	ND (230)	ND (230)	ND (230)	360 B
Vanadium	µg/kg	-	24400	27200	10800 B	15700	32400	35300	33500	12200
Zinc	µg/kg	10000000	279000	1700000	3310000	2540000	433000	404000	345000	1620000

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PDW-13*	*PDW-13*	*PDW-15*	*PDW-15*	*PDW-18*	*PDW-18*	*PDW-18*	*PDW-20*
Sample ID:			*PDW13B1+2*	*PDW13C1+2*	*PDW15A1*	*PDW15B3+4*	*PDW18A*	*PDW18A-FD*	*PDW18B*	*PDW20A1*
Sample Date:			*12/13/1993*	*12/13/1993*	*12/2/1993*	*12/2/1993*	*12/15/1993*	*12/15/1993*	*12/15/1993*	*12/6/1993*
Sample Depth:			*2-6 ft BGS*	*7-11 ft BGS*	*1.2-4 ft BGS*	*8-12 ft BGS*	*5-7 ft BGS*	*5-7 ft BGS*	*11-14 ft BGS*	*1-3 ft BGS*
		RUSCO						*Duplicate*		
Parameter	*Units*	*Criteria*								
PCBs										
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (200)	ND (110)	ND (18)	-	ND (20)	ND (20)	ND (19)	ND (100)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (200)	ND (110)	ND (18)	-	ND (20)	ND (20)	ND (19)	ND (100)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (200)	ND (110)	ND (18)	-	ND (20)	ND (20)	ND (19)	ND (100)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (200)	ND (110)	ND (18)	ND (33)	ND (20)	ND (20)	ND (19)	ND (100)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (200)	ND (110)	ND (18)	ND (33)	ND (20)	ND (20)	ND (19)	780
Aroclor-1254 (PCB-1254)	µg/kg	-	1300	740	ND (18)	ND (33)	ND (20)	ND (20)	ND (19)	930
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (200)	ND (110)	ND (18)	ND (33)	ND (20)	ND (20)	ND (19)	ND (10)
Total PCBs	µg/kg	-	1300	740	ND	ND	ND	ND	ND	1710
Pesticides										
4,4'-DDD	µg/kg	180000	ND (20)	ND (11)	ND (1.8)	-	ND (2.0)	ND (2.0)	ND (1.9)	ND (10)
4,4'-DDE	µg/kg	120000	ND (20)	ND (11)	ND (1.8)	-	ND (2.0)	ND (2.0)	ND (1.9)	ND (10)
4,4'-DDT	µg/kg	94000	ND (39)	ND (22)	ND (3.7)	-	ND (2.0)	ND (2.0)	ND (3.8)	ND (21)
Aldrin	µg/kg	1400	ND (16)	ND (8.9)	ND (1.5)	ND (1.7)	ND (1.6)	ND (1.6)	ND (1.5)	ND (8.2)
alpha-BHC	µg/kg	6800	ND (9.8)	ND (5.6)	ND (0.92)	-	ND (2.0)	ND (2.0)	ND (0.96)	ND (5.1)
alpha-Chlordane	µg/kg	47000	ND (20)	ND (11)	ND (1.8)	-	ND (2.0)	ND (2.0)	ND (1.9)	ND (10)
beta-BHC	µg/kg	14000	ND (20)	ND (11)	ND (1.8)	-	ND (1.0)	ND (1.0)	ND (1.9)	ND (10)
delta-BHC	µg/kg	1000000	ND (20)	ND (11)	ND (1.8)	-	ND (2.0)	ND (2.0)	ND (1.9)	ND (10)
Dieldrin	µg/kg	2800	ND (20)	ND (11)	ND (1.8)	-	ND (2.0)	ND (2.0)	ND (1.9)	ND (10)
Endosulfan I	µg/kg	920000	ND (20)	ND (11)	ND (1.8)	-	ND (2.0)	ND (2.0)	ND (1.9)	ND (10)
Endosulfan II	µg/kg	920000	ND (20)	ND (11)	ND (1.8)	-	ND (2.0)	ND (2.0)	ND (1.9)	ND (10)
Endosulfan sulfate	µg/kg	920000	ND (39)	ND (22)	ND (3.7)	-	ND (4.0)	ND (4.0)	ND (3.8)	ND (21)
Endrin	µg/kg	410000	ND (20)	ND (11)	ND (1.8)	-	ND (2.0)	ND (2.0)	ND (1.9)	ND (10)
Endrin aldehyde	µg/kg	-	ND (20)	ND (11)	ND (1.8)	-	ND (4.0)	ND (4.0)	ND (1.9)	ND (10)
Endrin ketone	µg/kg	-	ND (20)	ND (11)	ND (1.8)	-	ND (2.0)	ND (2.0)	ND (1.9)	ND (10)
gamma-BHC (lindane)	µg/kg	23000	ND (20)	ND (11)	ND (1.8)	-	ND (2.0)	ND (2.0)	ND (1.9)	ND (10)
gamma-Chlordane	µg/kg	-	ND (20)	ND (11)	ND (1.8)	-	ND (2.0)	ND (2.0)	ND (1.9)	ND (10)
Heptachlor	µg/kg	29000	ND (16)	ND (8.9)	ND (1.5)	-	ND (1.6)	ND (1.6)	ND (1.5)	ND (8.2)
Heptachlor epoxide	µg/kg	-	ND (39)	ND (22)	ND (3.5)	-	ND (4.0)	ND (4.0)	ND (3.8)	ND (21)
Methoxychlor	µg/kg	-	ND (160)	ND (89)	ND (15)	-	ND (16)	ND (16)	ND (15)	ND (82)
Toxaphene	µg/kg	-	ND (98)	ND (56)	ND (9.2)	-	ND (10)	ND (10)	ND (9.6)	ND (51)
Petroleum Hydrocarbons										
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PDW-13*	*PDW-13*	*PDW-15*	*PDW-15*	*PDW-18*	*PDW-18*	*PDW-18*	*PDW-20*
Sample ID:			*PDW13B1+2*	*PDW13C1+2*	*PDW15A1*	*PDW15B3+4*	*PDW18A*	*PDW18A-FD*	*PDW18B*	*PDW20A1*
Sample Date:			*12/13/1993*	*12/13/1993*	*12/2/1993*	*12/2/1993*	*12/15/1993*	*12/15/1993*	*12/15/1993*	*12/6/1993*
Sample Depth:			*2-6 ft BGS*	*7-11 ft BGS*	*1.2-4 ft BGS*	*8-12 ft BGS*	*5-7 ft BGS*	*5-7 ft BGS*	*11-14 ft BGS*	*1-3 ft BGS*
		RUSCO						*Duplicate*		
Parameter	*Units*	*Criteria*								
General Chemistry										
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	ND (1200)	ND (1300)	ND (1100)	5300	ND (1200)	ND (1200)	ND (1200)	ND (1200)
N-Hexane extractable material	µg/kg	-	-	-	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	1270000	2200000	269000	611000	-	223000	305000	3390000
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	899000	1480000	202000	448000	-	156000	224000	2260000
Total solids	%	-	-	-	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PDW-20*	*PDW-20*	*PDW-22*	*PDW-22*	*PDW-22*	*PDW-24*	*PDW-24*	*PDW-24*
Sample ID:			*PDW20B1*	*PDW20C3*	*PDW22A1*	*PDW22B1*	*PDW22C2*	*PDW24A1*	*PDW24A1-FD*	*PDW24B1+2*
Sample Date:			*12/7/1993*	*12/7/1993*	*12/7/1993*	*12/7/1993*	*12/7/1993*	*12/6/1993*	*12/6/1993*	*12/6/1993*
Sample Depth:			*3-5 ft BGS*	*9-11 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*10-12 ft BGS*	*1-3 ft BGS*	*1-3 ft BGS*	*3-7 ft BGS*
		RUSCO							*Duplicate*	
Parameter	*Units*	*Criteria*								
Volatiles										
1,1,1-Trichloroethane	µg/kg	1000000	ND (59)	ND (65)	ND (62)	ND (1600)	ND (69)	ND (12)	ND (11)	ND (23)
1,1,2,2-Tetrachloroethane	µg/kg	-	ND (59)	ND (65)	ND (62)	ND (1600)	ND (69)	ND (12)	ND (11)	ND (23)
1,1,2-Trichloroethane	µg/kg	-	ND (59)	ND (65)	ND (62)	ND (1600)	ND (69)	ND (12)	ND (11)	ND (23)
1,1-Dichloroethane	µg/kg	480000	ND (59)	ND (65)	ND (62)	ND (1600)	ND (69)	ND (12)	ND (11)	ND (23)
1,1-Dichloroethene	µg/kg	1000000	ND (59)	ND (65)	ND (62)	ND (1600)	ND (69)	ND (12)	ND (11)	ND (23)
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	ND (59)	ND (65)	ND (62)	ND (1600)	ND (69)	ND (12)	ND (11)	ND (23)
1,2-Dichloroethene (total)	µg/kg	-	ND (59)	ND (65)	ND (62)	ND (1600)	ND (69)	ND (12)	ND (11)	ND (23)
1,2-Dichloropropane	µg/kg	-	ND (59)	ND (65)	ND (62)	ND (1600)	ND (69)	ND (12)	ND (11)	ND (23)
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	ND (59)	ND (65)	ND (62)	ND (1600)	ND (69)	ND (12)	ND (11)	ND (23)
2-Hexanone	µg/kg	-	ND (59)	ND (65)	ND (62)	ND (1600)	ND (69)	ND (12)	ND (11)	ND (23)
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	ND (59)	ND (65)	ND (62)	ND (1600)	ND (69)	ND (12)	ND (11)	ND (23)
Acetone	µg/kg	1000000	ND (59)	ND (65)	ND (62)	ND (1600)	ND (69)	13	ND (11)	ND (23)
Benzene	µg/kg	89000	ND (59)	ND (65)	ND (62)	ND (1600)	ND (69)	ND (12)	ND (11)	ND (23)
Bromodichloromethane	µg/kg	-	ND (59)	ND (65)	ND (62)	ND (1600)	ND (69)	ND (12)	ND (11)	ND (23)
Bromoform	µg/kg	-	ND (59)	ND (65)	ND (62)	ND (1600)	ND (69)	ND (12)	ND (11)	ND (23)
Bromomethane (Methyl bromide)	µg/kg	-	ND (59)	ND (65)	ND (62)	ND (1600)	ND (69)	ND (12)	ND (11)	ND (23)
Carbon disulfide	µg/kg	-	ND (59)	ND (65)	ND (62)	ND (1600)	ND (69)	ND (12)	ND (11)	ND (23)
Carbon tetrachloride	µg/kg	44000	ND (59)	ND (65)	ND (62)	ND (1600)	ND (69)	ND (12)	ND (11)	ND (23)
Chlorobenzene	µg/kg	1000000	ND (59)	ND (65)	ND (62)	ND (1600)	ND (69)	ND (12)	ND (11)	ND (23)
Chloroethane	µg/kg	-	ND (59)	ND (65)	ND (62)	ND (1600)	ND (69)	ND (12)	ND (11)	ND (23)
Chloroform (Trichloromethane)	µg/kg	700000	ND (59)	ND (65)	ND (62)	ND (1600)	ND (69)	ND (12)	ND (11)	ND (23)
Chloromethane (Methyl chloride)	µg/kg	-	ND (59)	ND (65)	ND (62)	ND (1600)	ND (69)	ND (12)	ND (11)	ND (23)
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	ND (62)	ND (1600)	ND (69)	ND (12)	ND (11)	ND (23)
cis-1,3-Dichloropropene	µg/kg	-	ND (59)	ND (65)	ND (62)	ND (1600)	ND (69)	ND (12)	ND (11)	ND (23)
Cyclohexane	µg/kg	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	ND (59)	ND (65)	ND (62)	ND (1600)	ND (69)	ND (12)	ND (11)	ND (23)
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	ND (59)	ND (65)	ND (62)	ND (1600)	ND (69)	ND (12)	ND (11)	ND (23)
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PDW-20*	*PDW-20*	*PDW-22*	*PDW-22*	*PDW-22*	*PDW-24*	*PDW-24*	*PDW-24*
Sample ID:			*PDW20B1*	*PDW20C3*	*PDW22A1*	*PDW22B1*	*PDW22C2*	*PDW24A1*	*PDW24A1-FD*	*PDW24B1+2*
Sample Date:			*12/7/1993*	*12/7/1993*	*12/7/1993*	*12/7/1993*	*12/7/1993*	*12/6/1993*	*12/6/1993*	*12/6/1993*
Sample Depth:			*3-5 ft BGS*	*9-11 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*10-12 ft BGS*	*1-3 ft BGS*	*1-3 ft BGS*	*3-7 ft BGS*
		RUSCO							*Duplicate*	
Parameter	*Units*	*Criteria*								
m&p-Xylenes	µg/kg	-	ND (59)	-	ND (62)	ND (1600)	ND (69)	ND (12)	-	ND (23)
Methyl acetate	µg/kg	-	-	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	ND (59)	ND (65)	ND (62)	ND (1600)	ND (69)	13	ND (11)	ND (23)
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-	-	-
Styrene	µg/kg	-	ND (59)	ND (65)	ND (62)	ND (1600)	ND (69)	ND (12)	ND (11)	ND (23)
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	ND (59)	ND (65)	ND (62)	ND (1600)	ND (69)	ND (12)	ND (11)	ND (23)
Toluene	µg/kg	1000000	ND (59)	ND (65)	ND (62)	ND (1600)	ND (69)	ND (12)	ND (11)	ND (23)
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	ND (59)	ND (65)	ND (62)	ND (1600)	ND (69)	ND (12)	ND (11)	ND (23)
Trichloroethene	µg/kg	400000	ND (59)	ND (65)	ND (62)	ND (1600)	ND (69)	ND (12)	ND (11)	ND (23)
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	ND (59)	ND (65)	ND (62)	ND (1600)	ND (69)	ND (12)	ND (11)	ND (23)
Xylenes (total)	µg/kg	1000000	ND (59)	ND (65)	ND (62)	ND (1600)	ND (69)	ND (12)	ND (11)	ND (23)
Semi-Volatiles										
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	ND (330)	ND (330)	ND (330)	ND (330)	6700	ND (330)	-	ND (330)
2-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PDW-20*	*PDW-20*	*PDW-22*	*PDW-22*	*PDW-22*	*PDW-24*	*PDW-24*	*PDW-24*
Sample ID:			*PDW20B1*	*PDW20C3*	*PDW22A1*	*PDW22B1*	*PDW22C2*	*PDW24A1*	*PDW24A1-FD*	*PDW24B1+2*
Sample Date:			*12/7/1993*	*12/7/1993*	*12/7/1993*	*12/7/1993*	*12/7/1993*	*12/6/1993*	*12/6/1993*	*12/6/1993*
Sample Depth:			*3-5 ft BGS*	*9-11 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*10-12 ft BGS*	*1-3 ft BGS*	*1-3 ft BGS*	*3-7 ft BGS*
		RUSCO							*Duplicate*	
Parameter	*Units*	*Criteria*								
3-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	-	ND (330)
Acenaphthylene	µg/kg	1000000	-	-	-	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	-	ND (330)
Atrazine	µg/kg	-	-	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	-	ND (330)
Benzo(a)pyrene	µg/kg	1100	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	-	ND (330)
Benzo(b)fluoranthene	µg/kg	11000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	-	ND (330)
Benzo(g,h,i)perylene	µg/kg	1000000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	-	ND (330)
Benzo(k)fluoranthene	µg/kg	110000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	-	ND (330)
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	-	ND (330)
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-	-	-	-
Chrysene	µg/kg	110000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	-	ND (330)
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	-	ND (330)
Diethyl phthalate	µg/kg	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	-	ND (330)
Fluorene	µg/kg	1000000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	-	ND (330)
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	-	ND (330)

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PDW-20*	*PDW-20*	*PDW-22*	*PDW-22*	*PDW-22*	*PDW-24*	*PDW-24*	*PDW-24*
Sample ID:			*PDW20B1*	*PDW20C3*	*PDW22A1*	*PDW22B1*	*PDW22C2*	*PDW24A1*	*PDW24A1-FD*	*PDW24B1+2*
Sample Date:			*12/7/1993*	*12/7/1993*	*12/7/1993*	*12/7/1993*	*12/7/1993*	*12/6/1993*	*12/6/1993*	*12/6/1993*
Sample Depth:			*3-5 ft BGS*	*9-11 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*10-12 ft BGS*	*1-3 ft BGS*	*1-3 ft BGS*	*3-7 ft BGS*
		RUSCO							*Duplicate*	
Parameter	*Units*	*Criteria*								
Isophorone	µg/kg	-	-	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	-	ND (330)
Nitrobenzene	µg/kg	140000	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-	-	-	-
Phenanthrene	µg/kg	1000000	ND (330)	ND (330)	ND (330)	ND (330)	6000	ND (330)	-	ND (330)
Phenol	µg/kg	1000000	-	-	-	-	-	-	-	-
Pyrene	µg/kg	1000000	2200	ND (330)	ND (330)	5400	8100	ND (330)	-	ND (330)
Metals										
Aluminum	µg/kg	-	2700000	3720000	4870000	2110000	2410000	5910000	-	11400000
Antimony	µg/kg	-	ND (11500)	ND (11900)	ND (12200)	ND (12000)	ND (11100)	ND (10800)	-	ND (14700)
Arsenic	µg/kg	16000	**54900**	**63000**	**46200**	**64300**	**72500**	**44300**	-	**1150000**
Barium	µg/kg	10000000	56900	84500	84300	42300 B	57600	129000	-	108000
Beryllium	µg/kg	2700000	910 B	860 B	1000 B	830 B	870 B	850 B	-	2000
Cadmium	µg/kg	60000	1800	4800	5200	1400	2100	1900	-	ND (1300)
Calcium	µg/kg	-	7020000	15400000	20900000	6910000	6270000	7680000	-	2460000
Chromium	µg/kg	-	11700	25300	19200	10100	12200	12900	-	62000
Cobalt	µg/kg	-	14300	25100	81700	39500	25900	28500	-	24500
Copper	µg/kg	10000000	**17300000**	**20200000**	7860000	1910000	2480000	5080000	-	2460000
Iron	µg/kg	-	34300000	121000000	45200000	16800000	15600000	23000000	-	43500000
Lead	µg/kg	3900000	346000	2550000	303000	104000	169000	413000	-	143000
Magnesium	µg/kg	-	896000 B	1660000	2310000	763000 B	780000 B	2940000	-	4680000
Manganese	µg/kg	10000000	94900	341000	710000	116000	89400	235000	-	727000
Mercury	µg/kg	5700	560	240	760	1900	470	1300	-	2700
Nickel	µg/kg	10000000	53700	93800	124000	60300	111000	52100	-	145000
Potassium	µg/kg	-	175000 B	179000 B	430000 B	127000 B	127000 B	1050000 B	-	3450000
Selenium	µg/kg	6800000	3300	4100	6800	3100	ND (720)	4100	-	1800
Silver	µg/kg	6800000	4500	ND (1800)	ND (1900)	ND (1800)	ND (1700)	ND (1600)	-	ND (2200)
Sodium	µg/kg	-	266000 B	414000 B	284000 B	199000 B	202000 B	591000 B	-	1390000 B
Thallium	µg/kg	-	ND (2500)	290 B	ND (270)	ND (260)	ND (240)	ND (230)	-	ND (320)
Vanadium	µg/kg	-	10000 B	5300 B	14300	11800 B	23900	20000	-	35900
Zinc	µg/kg	10000000	589000	772000	1410000	541000	461000	453000	-	347000

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PDW-20*	*PDW-20*	*PDW-22*	*PDW-22*	*PDW-22*	*PDW-24*	*PDW-24*	*PDW-24*
Sample ID:			*PDW20B1*	*PDW20C3*	*PDW22A1*	*PDW22B1*	*PDW22C2*	*PDW24A1*	*PDW24A1-FD*	*PDW24B1+2*
Sample Date:			*12/7/1993*	*12/7/1993*	*12/7/1993*	*12/7/1993*	*12/7/1993*	*12/6/1993*	*12/6/1993*	*12/6/1993*
Sample Depth:			*3-5 ft BGS*	*9-11 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*10-12 ft BGS*	*1-3 ft BGS*	*1-3 ft BGS*	*3-7 ft BGS*
		RUSCO							*Duplicate*	
Parameter	*Units*	*Criteria*								
PCBs										
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (20)	ND (22)	ND (21)	ND (21)	ND (23)	ND (19)	ND (19)	ND (38)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (20)	ND (22)	ND (21)	ND (21)	ND (23)	ND (19)	ND (19)	ND (38)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (20)	ND (22)	ND (21)	ND (21)	ND (23)	ND (19)	ND (19)	ND (38)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (20)	ND (22)	ND (21)	ND (21)	ND (23)	ND (19)	ND (19)	ND (38)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (20)	ND (22)	ND (21)	ND (21)	ND (23)	ND (19)	ND (19)	ND (38)
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (20)	ND (22)	ND (21)	ND (21)	ND (23)	ND (19)	ND (19)	ND (38)
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (20)	ND (22)	ND (21)	ND (21)	ND (23)	ND (19)	ND (19)	ND (38)
Total PCBs	µg/kg	-	ND	ND	ND	ND	ND	ND	ND	ND
Pesticides										
4,4'-DDD	µg/kg	180000	ND (2.0)	ND (2.2)	ND (2.1)	ND (2.1)	ND (2.3)	ND (1.9)	ND (1.9)	ND (3.8)
4,4'-DDE	µg/kg	120000	ND (2.0)	ND (2.2)	ND (2.1)	ND (2.1)	ND (2.3)	ND (1.9)	ND (1.9)	ND (3.8)
4,4'-DDT	µg/kg	94000	ND (3.9)	ND (4.3)	ND (4.1)	ND (4.2)	ND (4.6)	ND (3.9)	ND (3.8)	ND (7.6)
Aldrin	µg/kg	1400	ND (1.6)	ND (1.7)	ND (1.6)	ND (1.7)	ND (1.9)	ND (1.6)	ND (1.5)	ND (3.0)
alpha-BHC	µg/kg	6800	ND (0.98)	ND (1.1)	ND (1.0)	ND (1.1)	ND (1.2)	ND (0.97)	ND (0.95)	ND (1.9)
alpha-Chlordane	µg/kg	47000	ND (2.0)	ND (2.2)	ND (2.1)	ND (2.1)	ND (2.3)	ND (1.9)	ND (1.9)	ND (3.8)
beta-BHC	µg/kg	14000	ND (2.0)	ND (2.2)	ND (2.1)	ND (2.1)	ND (2.3)	ND (1.9)	ND (1.9)	ND (3.8)
delta-BHC	µg/kg	1000000	ND (2.0)	ND (2.2)	ND (2.1)	ND (2.1)	ND (2.3)	ND (1.9)	ND (1.9)	ND (3.8)
Dieldrin	µg/kg	2800	ND (2.0)	ND (2.2)	ND (2.1)	ND (2.1)	ND (2.3)	ND (1.9)	ND (1.9)	ND (3.8)
Endosulfan I	µg/kg	920000	ND (2.0)	ND (2.2)	ND (2.1)	ND (2.1)	ND (2.3)	ND (1.9)	ND (1.9)	ND (3.8)
Endosulfan II	µg/kg	920000	ND (2.0)	ND (2.2)	ND (2.1)	ND (2.1)	ND (2.3)	ND (1.9)	ND (1.9)	ND (3.8)
Endosulfan sulfate	µg/kg	920000	ND (3.9)	ND (4.3)	ND (4.1)	ND (4.2)	ND (4.6)	ND (3.9)	ND (3.8)	ND (7.6)
Endrin	µg/kg	410000	ND (2.0)	ND (2.2)	ND (2.1)	ND (2.1)	ND (2.3)	ND (1.9)	ND (1.9)	ND (3.8)
Endrin aldehyde	µg/kg	-	ND (2.0)	ND (2.2)	ND (2.1)	ND (2.1)	ND (2.3)	ND (1.9)	ND (1.9)	ND (3.8)
Endrin ketone	µg/kg	-	ND (2.0)	ND (2.2)	ND (2.1)	ND (2.1)	ND (2.3)	ND (1.9)	ND (1.9)	ND (3.8)
gamma-BHC (lindane)	µg/kg	23000	ND (2.0)	ND (2.2)	ND (2.1)	ND (2.1)	ND (2.3)	ND (1.9)	ND (1.9)	ND (3.8)
gamma-Chlordane	µg/kg	-	ND (2.0)	ND (2.2)	ND (2.1)	ND (2.1)	ND (2.3)	ND (1.9)	ND (1.9)	ND (3.8)
Heptachlor	µg/kg	29000	ND (1.6)	ND (1.7)	ND (1.6)	ND (1.7)	ND (1.9)	ND (1.6)	ND (1.5)	ND (3.0)
Heptachlor epoxide	µg/kg	-	ND (3.9)	ND (4.3)	ND (4.1)	ND (4.2)	ND (4.6)	ND (3.9)	ND (3.8)	ND (7.6)
Methoxychlor	µg/kg	-	ND (16)	ND (17)	ND (16)	ND (17)	ND (19)	ND (16)	ND (15)	ND (30)
Toxaphene	µg/kg	-	ND (9.8)	ND (11)	ND (10)	ND (11)	ND (12)	ND (9.7)	ND (9.5)	ND (19)
Petroleum Hydrocarbons										
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PDW-20*	*PDW-20*	*PDW-22*	*PDW-22*	*PDW-22*	*PDW-24*	*PDW-24*	*PDW-24*
Sample ID:			*PDW20B1*	*PDW20C3*	*PDW22A1*	*PDW22B1*	*PDW22C2*	*PDW24A1*	*PDW24A1-FD*	*PDW24B1+2*
Sample Date:			*12/7/1993*	*12/7/1993*	*12/7/1993*	*12/7/1993*	*12/7/1993*	*12/6/1993*	*12/6/1993*	*12/6/1993*
Sample Depth:			*3-5 ft BGS*	*9-11 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*10-12 ft BGS*	*1-3 ft BGS*	*1-3 ft BGS*	*3-7 ft BGS*
		RUSCO							*Duplicate*	
Parameter	*Units*	*Criteria*								
General Chemistry										
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	ND (1200)	ND (1300)	ND (1300)	ND (1300)	ND (1200)	ND (1200)	-	ND (1600)
N-Hexane extractable material	µg/kg	-	-	-	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	21200000	24600000	52200000	49700000	48800000	286000	-	483000
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	14400000	17100000	43400000	39000000	36800000	211000	-	418000
Total solids	%	-	-	-	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PDW-24*	*PDW-25*	*PDW-25*	*PDW-33*	*PDW-33*	*PDW-33*	*PDW-36*	*PDW-36*
Sample ID:			*PDW24C4*	*PDW25A1*	*PDW25B1*	*PDW33A1*	*PDW33B1*	*PDW33C2*	*PDW36A1*	*PDW36C4*
Sample Date:			*12/6/1993*	*12/3/1993*	*12/3/1993*	*12/6/1993*	*12/6/1993*	*12/6/1993*	*12/7/1993*	*12/7/1993*
Sample Depth:			*14-16 ft BGS*	*5-7 ft BGS*	*10-12 ft BGS*	*3-5 ft BGS*	*5-7 ft BGS*	*10-12 ft BGS*	*2.5-4 ft BGS*	*13-15 ft BGS*
Parameter	*Units*	*RUSCO Criteria*								
Volatiles										
1,1,1-Trichloroethane	µg/kg	1000000	ND (14)	ND (11)	ND (12)	ND (13)	ND (14)	ND (15)	ND (11)	ND (63)
1,1,2,2-Tetrachloroethane	µg/kg	-	ND (14)	ND (11)	ND (12)	ND (13)	ND (14)	ND (15)	ND (11)	ND (63)
1,1,2-Trichloroethane	µg/kg	-	ND (14)	ND (11)	ND (12)	ND (13)	ND (14)	ND (15)	ND (11)	ND (63)
1,1-Dichloroethane	µg/kg	480000	ND (14)	ND (11)	ND (12)	ND (13)	ND (14)	ND (15)	ND (11)	ND (63)
1,1-Dichloroethene	µg/kg	1000000	ND (14)	ND (11)	ND (12)	ND (13)	ND (14)	ND (15)	ND (11)	ND (63)
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	ND (14)	ND (11)	ND (12)	ND (13)	ND (14)	ND (15)	ND (11)	ND (63)
1,2-Dichloroethene (total)	µg/kg	-	ND (14)	-	-	ND (13)	ND (14)	ND (15)	ND (11)	ND (63)
1,2-Dichloropropane	µg/kg	-	ND (14)	ND (11)	ND (12)	ND (13)	ND (14)	ND (15)	ND (11)	ND (63)
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	ND (14)	ND (11)	ND (12)	ND (13)	ND (14)	ND (15)	ND (11)	ND (63)
2-Hexanone	µg/kg	-	ND (14)	ND (11)	ND (12)	ND (13)	ND (14)	ND (15)	ND (11)	ND (63)
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	ND (14)	ND (11)	ND (12)	ND (13)	ND (14)	ND (15)	ND (11)	ND (63)
Acetone	µg/kg	1000000	ND (14)	ND (11)	ND (18)	ND (13)	ND (14)	ND (15)	ND (11)	ND (63)
Benzene	µg/kg	89000	ND (14)	ND (11)	ND (12)	ND (13)	ND (14)	ND (15)	ND (11)	ND (63)
Bromodichloromethane	µg/kg	-	ND (14)	ND (11)	ND (12)	ND (13)	ND (14)	ND (15)	ND (11)	ND (63)
Bromoform	µg/kg	-	ND (14)	ND (11)	ND (12)	ND (13)	ND (14)	ND (15)	ND (11)	ND (63)
Bromomethane (Methyl bromide)	µg/kg	-	ND (14)	ND (11)	ND (12)	ND (13)	ND (14)	ND (15)	ND (11)	ND (63)
Carbon disulfide	µg/kg	-	ND (14)	ND (11)	ND (12)	ND (13)	ND (14)	ND (15)	ND (11)	ND (63)
Carbon tetrachloride	µg/kg	44000	ND (14)	ND (11)	ND (12)	ND (13)	ND (14)	ND (15)	ND (11)	ND (63)
Chlorobenzene	µg/kg	1000000	ND (14)	ND (11)	ND (12)	ND (13)	ND (14)	ND (15)	ND (11)	ND (63)
Chloroethane	µg/kg	-	ND (14)	ND (11)	ND (12)	ND (13)	ND (14)	ND (15)	ND (11)	ND (63)
Chloroform (Trichloromethane)	µg/kg	700000	ND (14)	ND (11)	ND (12)	ND (13)	ND (14)	ND (15)	ND (11)	ND (63)
Chloromethane (Methyl chloride)	µg/kg	-	ND (14)	ND (11)	ND (12)	ND (13)	ND (14)	ND (15)	ND (11)	ND (63)
cis-1,2-Dichloroethene	µg/kg	1000000	ND (14)	ND (11)	ND (12)	ND (13)	ND (14)	ND (15)	ND (11)	ND (63)
cis-1,3-Dichloropropene	µg/kg	-	ND (14)	ND (11)	ND (12)	ND (13)	ND (14)	ND (15)	ND (11)	ND (63)
Cyclohexane	µg/kg	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	ND (14)	ND (11)	ND (12)	ND (13)	ND (14)	ND (15)	ND (11)	ND (63)
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	ND (14)	ND (11)	ND (12)	ND (13)	ND (14)	ND (15)	ND (11)	ND (63)
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PDW-24*	*PDW-25*	*PDW-25*	*PDW-33*	*PDW-33*	*PDW-33*	*PDW-36*	*PDW-36*
Sample ID:			*PDW24C4*	*PDW25A1*	*PDW25B1*	*PDW33A1*	*PDW33B1*	*PDW33C2*	*PDW36A1*	*PDW36C4*
Sample Date:			*12/6/1993*	*12/3/1993*	*12/3/1993*	*12/6/1993*	*12/6/1993*	*12/6/1993*	*12/7/1993*	*12/7/1993*
Sample Depth:			*14-16 ft BGS*	*5-7 ft BGS*	*10-12 ft BGS*	*3-5 ft BGS*	*5-7 ft BGS*	*10-12 ft BGS*	*2.5-4 ft BGS*	*13-15 ft BGS*
Parameter	*Units*	*RUSCO Criteria*								
m&p-Xylenes	µg/kg	-	ND (14)	ND (11)	ND (12)	ND (13)	ND (14)	ND (15)	ND (11)	ND (63)
Methyl acetate	µg/kg	-	-	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	ND (14)	ND (11)	ND (12)	ND (13)	ND (14)	ND (15)	ND (11)	ND (63)
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-	-	-
Styrene	µg/kg	-	ND (14)	ND (11)	ND (12)	ND (13)	ND (14)	ND (15)	ND (11)	ND (63)
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	ND (14)	ND (11)	ND (12)	ND (13)	ND (14)	ND (15)	ND (11)	ND (63)
Toluene	µg/kg	1000000	ND (14)	ND (11)	ND (12)	ND (13)	ND (14)	ND (15)	ND (11)	ND (63)
trans-1,2-Dichloroethene	µg/kg	1000000	-	ND (11)	ND (12)	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	ND (14)	ND (11)	ND (12)	ND (13)	ND (14)	ND (15)	ND (11)	ND (63)
Trichloroethene	µg/kg	400000	ND (14)	ND (11)	ND (12)	ND (13)	ND (14)	ND (15)	ND (11)	ND (63)
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	ND (14)	ND (11)	ND (12)	ND (13)	ND (14)	ND (15)	ND (11)	ND (63)
Xylenes (total)	µg/kg	1000000	ND (14)	ND (11)	ND (12)	ND (13)	ND (14)	ND (15)	ND (11)	ND (63)
Semi-Volatiles										
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	840
2-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PDW-24*	*PDW-25*	*PDW-25*	*PDW-33*	*PDW-33*	*PDW-33*	*PDW-36*	*PDW-36*
Sample ID:			*PDW24C4*	*PDW25A1*	*PDW25B1*	*PDW33A1*	*PDW33B1*	*PDW33C2*	*PDW36A1*	*PDW36C4*
Sample Date:			*12/6/1993*	*12/3/1993*	*12/3/1993*	*12/6/1993*	*12/6/1993*	*12/6/1993*	*12/7/1993*	*12/7/1993*
Sample Depth:			*14-16 ft BGS*	*5-7 ft BGS*	*10-12 ft BGS*	*3-5 ft BGS*	*5-7 ft BGS*	*10-12 ft BGS*	*2.5-4 ft BGS*	*13-15 ft BGS*
Parameter	*Units*	*RUSCO Criteria*								
3-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	1600
Acenaphthylene	µg/kg	1000000	-	-	-	-	-	-	-	1600
Acetophenone	µg/kg	-	-	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	710	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	1000
Atrazine	µg/kg	-	-	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	1100	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	1100
Benzo(a)pyrene	µg/kg	1100	810	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	940
Benzo(b)fluoranthene	µg/kg	11000	730	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	1700
Benzo(g,h,i)perylene	µg/kg	1000000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Benzo(k)fluoranthene	µg/kg	110000	620	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-	-	-	-
Chrysene	µg/kg	110000	1100	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	1000
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)
Diethyl phthalate	µg/kg	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	2700	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	2600
Fluorene	µg/kg	1000000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	1200
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PDW-24*	*PDW-25*	*PDW-25*	*PDW-33*	*PDW-33*	*PDW-33*	*PDW-36*	*PDW-36*
Sample ID:			*PDW24C4*	*PDW25A1*	*PDW25B1*	*PDW33A1*	*PDW33B1*	*PDW33C2*	*PDW36A1*	*PDW36C4*
Sample Date:			*12/6/1993*	*12/3/1993*	*12/3/1993*	*12/6/1993*	*12/6/1993*	*12/6/1993*	*12/7/1993*	*12/7/1993*
Sample Depth:			*14-16 ft BGS*	*5-7 ft BGS*	*10-12 ft BGS*	*3-5 ft BGS*	*5-7 ft BGS*	*10-12 ft BGS*	*2.5-4 ft BGS*	*13-15 ft BGS*
Parameter	*Units*	*RUSCO Criteria*								
Isophorone	µg/kg	-	-	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	1200
Nitrobenzene	µg/kg	140000	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-	-	-	-
Phenanthrene	µg/kg	1000000	3700	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	4800
Phenol	µg/kg	1000000	-	-	-	-	-	-	-	-
Pyrene	µg/kg	1000000	2800	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	ND (330)	3000
Metals										
Aluminum	µg/kg	-	11900000	4370000	6310000	4790000	5320000	8150000	17900000	9680000
Antimony	µg/kg	-	ND (12800)	ND (10000)	ND (11100)	ND (11500)	ND (11300)	ND (16400)	614000	17600
Arsenic	µg/kg	16000	**135000**	**141000**	**1280000**	**84000**	**53100**	**37800**	**459000**	15600
Barium	µg/kg	10000000	92200	237000	172000	90700	104000	118000	2490000	375000
Beryllium	µg/kg	2700000	1900	ND (220)	650 B	500 B	820 B	1200 B	1500	1200 B
Cadmium	µg/kg	60000	1800	1100	1500	5000	8300	7700	30200	18600
Calcium	µg/kg	-	2970000	14000000	5680000	7460000	10500000	11700000	34500000	20000000
Chromium	µg/kg	-	37700	31000	19700	35900	30700	41600	290000	66200
Cobalt	µg/kg	-	23700	331000	247000	546000	599000	626000	1120000	265000
Copper	µg/kg	10000000	2390000	**11600000**	**21600000**	**26300000**	**23200000**	**28100000**	**16700000**	3950000
Iron	µg/kg	-	26100000	116000000	89300000	114000000	122000000	133000000	147000000	47400000
Lead	µg/kg	3900000	86300	1260000	1050000	2460000	2420000	2840000	**11600000**	1200000
Magnesium	µg/kg	-	5020000	1590000	2040000	2400000	4470000	4870000	8340000	4070000
Manganese	µg/kg	10000000	423000	1010000	748000	482000	512000	592000	1700000	357000
Mercury	µg/kg	5700	1600	ND (110)	1000	1600	2400	3000	**36100**	3200
Nickel	µg/kg	10000000	168000	272000	156000	186000	169000	213000	173000	125000
Potassium	µg/kg	-	3640000	514000 B	970000 B	447000 B	553000 B	1110000 B	ND (84500)	ND (96600)
Selenium	µg/kg	6800000	ND (560)	1700	830 B	8200	3600	ND (7100)	4700	ND (760)
Silver	µg/kg	6800000	ND (2000)	ND (1500)	ND (1700)	ND (1700)	ND (1700)	ND (2500)	33500	ND (1800)
Sodium	µg/kg	-	1140000 B	409000 B	611000 B	226000 B	318000 B	805000 B	2710000	1020000 B
Thallium	µg/kg	-	ND (280)	ND (220)	ND (240)	1000 B	ND (250)	ND (360)	1800 B	ND (250)
Vanadium	µg/kg	-	33700	ND (3100)	7900 B	10700 B	11700 B	20300	46800	31800
Zinc	µg/kg	10000000	282000	3740000	3120000	4620000	5000000	5320000	**34700000**	**10300000**

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PDW-24*	*PDW-25*	*PDW-25*	*PDW-33*	*PDW-33*	*PDW-33*	*PDW-36*	*PDW-36*
Sample ID:			*PDW24C4*	*PDW25A1*	*PDW25B1*	*PDW33A1*	*PDW33B1*	*PDW33C2*	*PDW36A1*	*PDW36C4*
Sample Date:			*12/6/1993*	*12/3/1993*	*12/3/1993*	*12/6/1993*	*12/6/1993*	*12/6/1993*	*12/7/1993*	*12/7/1993*
Sample Depth:			*14-16 ft BGS*	*5-7 ft BGS*	*10-12 ft BGS*	*3-5 ft BGS*	*5-7 ft BGS*	*10-12 ft BGS*	*2.5-4 ft BGS*	*13-15 ft BGS*
Parameter	*Units*	*RUSCO Criteria*								
PCBs										
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (23)	ND (18)	ND (20)	ND (21)	ND (23)	ND (25)	ND (18)	ND (21)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (23)	ND (18)	ND (20)	ND (21)	ND (23)	ND (25)	ND (18)	ND (21)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (23)	ND (18)	ND (20)	ND (21)	ND (23)	ND (25)	ND (18)	ND (21)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (23)	ND (18)	ND (20)	ND (21)	ND (23)	ND (25)	ND (18)	ND (21)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (23)	ND (18)	ND (20)	ND (21)	ND (23)	ND (25)	ND (18)	ND (21)
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (23)	ND (18)	ND (20)	ND (21)	ND (23)	ND (25)	ND (18)	ND (21)
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (23)	ND (18)	ND (20)	ND (21)	ND (23)	ND (25)	ND (18)	ND (21)
Total PCBs	µg/kg	-	ND	ND	ND	ND	ND	ND	ND	ND
Pesticides										
4,4'-DDD	µg/kg	180000	ND (2.3)	ND (1.8)	ND (2.0)	ND (2.1)	ND (2.3)	ND (2.5)	ND (1.8)	ND (2.1)
4,4'-DDE	µg/kg	120000	ND (2.3)	ND (1.8)	ND (2.0)	ND (2.1)	ND (2.3)	ND (2.5)	ND (1.8)	ND (2.1)
4,4'-DDT	µg/kg	94000	ND (4.6)	ND (3.6)	ND (4.0)	ND (4.2)	ND (4.6)	ND (5.1)	R	R
Aldrin	µg/kg	1400	ND (1.8)	ND (1.4)	ND (1.6)	ND (1.7)	ND (1.8)	ND (2.0)	ND (1.5)	ND (1.7)
alpha-BHC	µg/kg	6800	ND (1.1)	ND (0.90)	ND (0.99)	ND (1.0)	ND (1.1)	ND (1.3)	ND (0.92)	ND (1.1)
alpha-Chlordane	µg/kg	47000	ND (2.3)	ND (1.8)	ND (2.0)	ND (2.1)	ND (2.3)	ND (2.5)	ND (1.8)	ND (2.1)
beta-BHC	µg/kg	14000	ND (2.3)	ND (1.8)	ND (2.0)	ND (2.1)	ND (2.3)	ND (2.5)	ND (1.8)	ND (2.1)
delta-BHC	µg/kg	1000000	ND (2.3)	ND (1.8)	ND (2.0)	ND (2.1)	ND (2.3)	ND (2.5)	ND (1.8)	ND (2.1)
Dieldrin	µg/kg	2800	ND (2.3)	ND (1.8)	ND (2.0)	ND (2.1)	ND (2.3)	ND (2.5)	ND (1.8)	ND (2.1)
Endosulfan I	µg/kg	920000	ND (2.3)	ND (1.8)	ND (2.0)	ND (2.1)	ND (2.3)	ND (2.5)	ND (1.8)	ND (2.1)
Endosulfan II	µg/kg	920000	ND (2.3)	ND (1.8)	ND (2.0)	ND (2.1)	ND (2.3)	ND (2.5)	ND (1.8)	ND (2.1)
Endosulfan sulfate	µg/kg	920000	ND (4.6)	ND (3.6)	ND (4.0)	ND (4.2)	ND (4.6)	ND (5.1)	ND (3.7)	ND (4.2)
Endrin	µg/kg	410000	ND (2.3)	ND (1.8)	ND (2.0)	ND (2.1)	ND (2.3)	ND (2.5)	ND (1.8)	ND (2.1)
Endrin aldehyde	µg/kg	-	ND (2.3)	ND (1.8)	ND (2.0)	ND (2.1)	ND (2.3)	ND (2.5)	ND (1.8)	ND (2.1)
Endrin ketone	µg/kg	-	ND (2.3)	ND (1.8)	ND (2.0)	ND (2.1)	ND (2.3)	ND (2.5)	ND (1.8)	ND (2.1)
gamma-BHC (lindane)	µg/kg	23000	ND (2.3)	ND (1.8)	ND (2.0)	ND (2.1)	ND (2.3)	ND (2.5)	ND (1.8)	ND (2.1)
gamma-Chlordane	µg/kg	-	ND (2.3)	ND (1.8)	ND (2.0)	ND (2.1)	ND (2.3)	ND (2.5)	ND (1.8)	ND (2.1)
Heptachlor	µg/kg	29000	ND (1.8)	ND (1.4)	ND (1.6)	ND (1.7)	ND (1.8)	ND (2.0)	ND (1.5)	ND (1.7)
Heptachlor epoxide	µg/kg	-	ND (4.6)	ND (3.6)	ND (4.0)	ND (4.2)	ND (4.6)	ND (5.1)	ND (3.7)	ND (4.2)
Methoxychlor	µg/kg	-	ND (18)	ND (14)	ND (16)	ND (17)	ND (18)	ND (20)	R	R
Toxaphene	µg/kg	-	ND (11)	ND (9.0)	ND (9.9)	ND (10)	ND (11)	ND (13)	ND (9.2)	ND (11)
Petroleum Hydrocarbons										
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PDW-24*	*PDW-25*	*PDW-25*	*PDW-33*	*PDW-33*	*PDW-33*	*PDW-36*	*PDW-36*
Sample ID:			*PDW24C4*	*PDW25A1*	*PDW25B1*	*PDW33A1*	*PDW33B1*	*PDW33C2*	*PDW36A1*	*PDW36C4*
Sample Date:			*12/6/1993*	*12/3/1993*	*12/3/1993*	*12/6/1993*	*12/6/1993*	*12/6/1993*	*12/7/1993*	*12/7/1993*
Sample Depth:			*14-16 ft BGS*	*5-7 ft BGS*	*10-12 ft BGS*	*3-5 ft BGS*	*5-7 ft BGS*	*10-12 ft BGS*	*2.5-4 ft BGS*	*13-15 ft BGS*
Parameter	*Units*	*RUSCO Criteria*								
General Chemistry										
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	ND (1400)	2200	ND (1200)	ND (1200)	ND (1200)	ND (1800)	ND (1100)	ND (1300)
N-Hexane extractable material	µg/kg	-	-	-	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	399000	923000	-	500000	850000	736000
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	231000	229000	231000	583000	682000	-	670000	530000
Total solids	%	-	-	-	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PDW-36*	*PDW-37*	*PDW-37*	*PDW-37*	*PDW-37*	*PDW-37*	*PDW-40*	*PDW-40*
Sample ID:			*PDW36B1*	*PDW37A1*	*PDW37B1*	*PDW37B3*	*PDW37B3*	*PDW37C1*	*PDW40B1*	*PDW40C2*
Sample Date:			*12/8/1993*	*12/1/1993*	*12/1/1993*	*12/1/1993*	*12/1/1993*	*12/1/1993*	*12/7/1993*	*12/7/1993*
Sample Depth:			*5-7 ft BGS*	*2.5-4 ft BGS*	*6-8 ft BGS*	*12-16 ft BGS*	*12-16 ft BGS*	*16-18 ft BGS*	*2.5-4 ft BGS*	*8-10 ft BGS*
		RUSCO					*Duplicate*			
Parameter	*Units*	*Criteria*								
Volatiles										
1,1,1-Trichloroethane	µg/kg	1000000	ND (62)	ND (55)	ND (54)	ND (16)	-	ND (15)	ND (61)	ND (12)
1,1,2,2-Tetrachloroethane	µg/kg	-	ND (62)	R	R	ND (16)	-	ND (15)	R	ND (12)
1,1,2-Trichloroethane	µg/kg	-	ND (62)	ND (55)	ND (54)	ND (16)	-	ND (15)	ND (61)	ND (12)
1,1-Dichloroethane	µg/kg	480000	ND (62)	ND (55)	ND (54)	ND (16)	-	ND (15)	ND (61)	ND (12)
1,1-Dichloroethene	µg/kg	1000000	ND (62)	ND (55)	ND (54)	ND (16)	-	ND (15)	ND (61)	ND (12)
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	ND (62)	ND (55)	ND (54)	ND (16)	-	ND (15)	ND (61)	ND (12)
1,2-Dichloroethene (total)	µg/kg	-	ND (62)	ND (55)	ND (54)	ND (16)	-	ND (15)	ND (61)	ND (12)
1,2-Dichloropropane	µg/kg	-	ND (62)	ND (55)	ND (54)	ND (16)	-	ND (15)	ND (61)	ND (12)
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	ND (62)	ND (55)	ND (54)	ND (16)	-	ND (15)	ND (61)	ND (12)
2-Hexanone	µg/kg	-	ND (62)	R	R	ND (16)	-	ND (15)	R	ND (12)
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	ND (62)	R	R	ND (16)	-	ND (15)	R	ND (12)
Acetone	µg/kg	1000000	ND (62)	ND (55)	ND (54)	180	-	96	310	36
Benzene	µg/kg	89000	ND (62)	450	640	ND (16)	-	10 J	ND (61)	ND (12)
Bromodichloromethane	µg/kg	-	ND (62)	ND (55)	ND (54)	ND (16)	-	ND (15)	ND (61)	ND (12)
Bromoform	µg/kg	-	ND (62)	ND (55)	ND (54)	ND (16)	-	ND (15)	ND (61)	ND (12)
Bromomethane (Methyl bromide)	µg/kg	-	ND (62)	ND (55)	ND (54)	ND (16)	-	ND (15)	ND (61)	ND (12)
Carbon disulfide	µg/kg	-	ND (62)	ND (55)	ND (54)	ND (16)	-	ND (15)	ND (61)	ND (12)
Carbon tetrachloride	µg/kg	44000	ND (62)	ND (55)	ND (54)	ND (16)	-	ND (15)	ND (61)	ND (12)
Chlorobenzene	µg/kg	1000000	ND (62)	R	R	ND (16)	-	ND (15)	R	ND (12)
Chloroethane	µg/kg	-	ND (62)	ND (55)	ND (54)	ND (16)	-	ND (15)	ND (61)	ND (12)
Chloroform (Trichloromethane)	µg/kg	700000	ND (62)	ND (55)	ND (54)	ND (16)	-	ND (15)	ND (61)	ND (12)
Chloromethane (Methyl chloride)	µg/kg	-	ND (62)	ND (55)	ND (54)	ND (16)	-	ND (15)	ND (61)	ND (12)
cis-1,2-Dichloroethene	µg/kg	1000000	ND (62)	-	-	-	-	-	ND (61)	ND (12)
cis-1,3-Dichloropropene	µg/kg	-	ND (62)	ND (55)	ND (54)	ND (16)	-	ND (15)	ND (61)	ND (12)
Cyclohexane	µg/kg	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	ND (62)	ND (55)	ND (54)	ND (16)	-	ND (15)	ND (61)	ND (12)
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	28	R	R	ND (16)	-	ND (15)	R	ND (12)
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PDW-36*	*PDW-37*	*PDW-37*	*PDW-37*	*PDW-37*	*PDW-37*	*PDW-40*	*PDW-40*
Sample ID:			*PDW36B1*	*PDW37A1*	*PDW37B1*	*PDW37B3*	*PDW37B3*	*PDW37C1*	*PDW40B1*	*PDW40C2*
Sample Date:			*12/8/1993*	*12/1/1993*	*12/1/1993*	*12/1/1993*	*12/1/1993*	*12/1/1993*	*12/7/1993*	*12/7/1993*
Sample Depth:			*5-7 ft BGS*	*2.5-4 ft BGS*	*6-8 ft BGS*	*12-16 ft BGS*	*12-16 ft BGS*	*16-18 ft BGS*	*2.5-4 ft BGS*	*8-10 ft BGS*
		RUSCO					*Duplicate*			
Parameter	*Units*	*Criteria*								
m&p-Xylenes	µg/kg	-	ND (62)	ND (55)	ND (54)	ND (16)	-	ND (15)	ND (61)	ND (12)
Methyl acetate	µg/kg	-	-	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	ND (62)	25 J	ND (54)	ND (16)	-	ND (15)	ND (61)	ND (12)
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-	-	-
Styrene	µg/kg	-	ND (62)	R	R	ND (16)	-	ND (15)	R	ND (12)
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	ND (62)	R	R	ND (16)	-	ND (15)	R	ND (12)
Toluene	µg/kg	1000000	13	R	250	ND (16)	-	ND (15)	R	ND (12)
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	ND (62)	ND (55)	ND (54)	ND (16)	-	ND (15)	ND (61)	ND (12)
Trichloroethene	µg/kg	400000	ND (62)	ND (55)	ND (54)	ND (16)	-	ND (15)	ND (61)	ND (12)
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	ND (62)	ND (55)	ND (54)	ND (16)	-	ND (15)	ND (61)	ND (12)
Xylenes (total)	µg/kg	1000000	46	R	R	ND (16)	-	ND (15)	R	ND (12)
Semi-Volatiles										
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	450	ND (330)	ND (330)	ND (330)	-	ND (330)	ND (330)	ND (330)
2-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PDW-36*	*PDW-37*	*PDW-37*	*PDW-37*	*PDW-37*	*PDW-37*	*PDW-40*	*PDW-40*
Sample ID:			*PDW36B1*	*PDW37A1*	*PDW37B1*	*PDW37B3*	*PDW37B3*	*PDW37C1*	*PDW40B1*	*PDW40C2*
Sample Date:			*12/8/1993*	*12/1/1993*	*12/1/1993*	*12/1/1993*	*12/1/1993*	*12/1/1993*	*12/7/1993*	*12/7/1993*
Sample Depth:			*5-7 ft BGS*	*2.5-4 ft BGS*	*6-8 ft BGS*	*12-16 ft BGS*	*12-16 ft BGS*	*16-18 ft BGS*	*2.5-4 ft BGS*	*8-10 ft BGS*
		RUSCO					*Duplicate*			
Parameter	*Units*	*Criteria*								
3-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	790	ND (330)	ND (330)	ND (330)	-	ND (330)	ND (330)	ND (330)
Acenaphthylene	µg/kg	1000000	790	-	-	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	840	ND (330)	ND (330)	ND (330)	-	ND (330)	ND (330)	ND (330)
Atrazine	µg/kg	-	-	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	1100	ND (330)	ND (330)	ND (330)	-	ND (330)	ND (330)	ND (330)
Benzo(a)pyrene	µg/kg	1100	830	ND (330)	ND (330)	ND (330)	-	ND (330)	ND (330)	ND (330)
Benzo(b)fluoranthene	µg/kg	11000	1400	ND (330)	ND (330)	ND (330)	-	ND (330)	ND (330)	ND (330)
Benzo(g,h,i)perylene	µg/kg	1000000	ND (330)	ND (330)	ND (330)	ND (330)	-	ND (330)	ND (330)	ND (330)
Benzo(k)fluoranthene	µg/kg	110000	ND (330)	ND (330)	ND (330)	ND (330)	-	ND (330)	ND (330)	ND (330)
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	ND (330)	ND (330)	ND (330)	ND (330)	-	ND (330)	ND (330)	ND (330)
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-	-	-	-
Chrysene	µg/kg	110000	1100	ND (330)	ND (330)	ND (330)	-	ND (330)	ND (330)	ND (330)
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	ND (330)	ND (330)	ND (330)	ND (330)	-	ND (330)	ND (330)	ND (330)
Diethyl phthalate	µg/kg	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	2300	ND (330)	ND (330)	ND (330)	-	ND (330)	ND (330)	ND (330)
Fluorene	µg/kg	1000000	540	ND (330)	ND (330)	ND (330)	-	ND (330)	ND (330)	ND (330)
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	ND (330)	ND (330)	ND (330)	ND (330)	-	ND (330)	ND (330)	ND (330)

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PDW-36*	*PDW-37*	*PDW-37*	*PDW-37*	*PDW-37*	*PDW-37*	*PDW-40*	*PDW-40*
Sample ID:			*PDW36B1*	*PDW37A1*	*PDW37B1*	*PDW37B3*	*PDW37B3*	*PDW37C1*	*PDW40B1*	*PDW40C2*
Sample Date:			*12/8/1993*	*12/1/1993*	*12/1/1993*	*12/1/1993*	*12/1/1993*	*12/1/1993*	*12/7/1993*	*12/7/1993*
Sample Depth:			*5-7 ft BGS*	*2.5-4 ft BGS*	*6-8 ft BGS*	*12-16 ft BGS*	*12-16 ft BGS*	*16-18 ft BGS*	*2.5-4 ft BGS*	*8-10 ft BGS*
		RUSCO					*Duplicate*			
Parameter	*Units*	*Criteria*								
Isophorone	µg/kg	-	-	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	1500	ND (330)	ND (330)	ND (330)	-	ND (330)	ND (330)	ND (330)
Nitrobenzene	µg/kg	140000	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-	-	-	-
Phenanthrene	µg/kg	1000000	3300	ND (330)	ND (330)	ND (330)	-	ND (330)	ND (330)	ND (330)
Phenol	µg/kg	1000000	-	-	-	-	-	-	-	-
Pyrene	µg/kg	1000000	2600	ND (330)	ND (330)	ND (330)	-	ND (330)	ND (330)	ND (330)
Metals										
Aluminum	µg/kg	-	21500000	6850000	4450000	10000000	-	21300000	7650000	6260000
Antimony	µg/kg	-	ND (12400)	15300	12100 B	ND (12900)	-	35900	71200	ND (11800)
Arsenic	µg/kg	16000	**29600**	**27800**	**39400**	**525000**	-	**791000**	**42900**	**42800**
Barium	µg/kg	10000000	238000	298000	258000	260000	-	119000	227000	196000
Beryllium	µg/kg	2700000	2400	860 B	660 B	910 B	-	770 B	2000	1200 B
Cadmium	µg/kg	60000	9100	3000	2700	14200	-	4100	1300 B	1100 B
Calcium	µg/kg	-	10500000	26300000	11000000	3280000	-	1710000	4000000	3030000
Chromium	µg/kg	-	64300	104000	60100	16800	-	24200	75000	29800
Cobalt	µg/kg	-	196000	530000	301000	38000	-	37000	422000	374000
Copper	µg/kg	10000000	5090000	3580000	2840000	5070000	-	1000000	7670000	5250000
Iron	µg/kg	-	55600000	73600000	50400000	23500000	-	10900000	133000000	89500000
Lead	µg/kg	3900000	645000	1060000	703000	366000	-	743000	857000	678000
Magnesium	µg/kg	-	5720000	10700000	3650000	1580000	-	969000 B	3450000	2910000
Manganese	µg/kg	10000000	320000	1090000	581000	153000	-	84100	659000	414000
Mercury	µg/kg	5700	**6200**	450	570	2100	-	2500	2800	1400
Nickel	µg/kg	10000000	168000	98500	52100	90500	-	169000	136000	81600
Potassium	µg/kg	-	1030000 B	748000 B	467000 B	490000 B	-	1670000	1750000	1470000
Selenium	µg/kg	6800000	ND (810)	4300	2200	6800	-	20000	2400	2200
Silver	µg/kg	6800000	ND (1900)	ND (1500)	ND (1600)	ND (2000)	-	8400	ND (1900)	ND (1800)
Sodium	µg/kg	-	1070000 B	774000 B	538000 B	519000 B	-	495000 B	808000 B	352000 B
Thallium	µg/kg	-	ND (270)	ND (220)	ND (220)	340 B	-	ND (260)	ND (260)	ND (260)
Vanadium	µg/kg	-	56100	24000	16200	24300	-	63400	14100	13900
Zinc	µg/kg	10000000	9530000	8400000	5350000	3090000	-	1770000	6980000	5750000

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PDW-36*	*PDW-37*	*PDW-37*	*PDW-37*	*PDW-37*	*PDW-37*	*PDW-40*	*PDW-40*
Sample ID:			*PDW36B1*	*PDW37A1*	*PDW37B1*	*PDW37B3*	*PDW37B3*	*PDW37C1*	*PDW40B1*	*PDW40C2*
Sample Date:			*12/8/1993*	*12/1/1993*	*12/1/1993*	*12/1/1993*	*12/1/1993*	*12/1/1993*	*12/7/1993*	*12/7/1993*
Sample Depth:			*5-7 ft BGS*	*2.5-4 ft BGS*	*6-8 ft BGS*	*12-16 ft BGS*	*12-16 ft BGS*	*16-18 ft BGS*	*2.5-4 ft BGS*	*8-10 ft BGS*
		RUSCO					*Duplicate*			
Parameter	*Units*	*Criteria*								
PCBs										
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (21)	ND (18)	ND (18)	ND (27)	-	ND (25)	ND (20)	ND (20)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (21)	ND (18)	ND (18)	ND (27)	-	ND (25)	ND (20)	ND (20)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (21)	ND (18)	ND (18)	ND (27)	-	ND (25)	ND (20)	ND (20)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (21)	ND (18)	ND (18)	ND (27)	-	ND (25)	ND (20)	ND (20)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (21)	ND (18)	ND (18)	ND (27)	-	ND (25)	ND (20)	ND (20)
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (21)	ND (18)	ND (18)	ND (27)	-	ND (25)	ND (20)	ND (20)
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (21)	ND (18)	ND (18)	ND (27)	-	ND (25)	ND (20)	ND (20)
Total PCBs	µg/kg	-	ND	ND	ND	ND	-	ND	ND	ND
Pesticides										
4,4'-DDD	µg/kg	180000	ND (2.1)	ND (1.8)	ND (1.8)	ND (2.7)	-	ND (2.5)	ND (2.0)	ND (2.0)
4,4'-DDE	µg/kg	120000	ND (2.1)	ND (1.8)	ND (1.8)	ND (2.7)	-	ND (2.5)	ND (2.0)	ND (2.0)
4,4'-DDT	µg/kg	94000	R	ND (3.7)	ND (3.6)	ND (5.5)	-	ND (5.1)	R	R
Aldrin	µg/kg	1400	ND (1.6)	ND (1.5)	ND (1.4)	ND (2.2)	-	ND (2.0)	ND (1.6)	ND (1.6)
alpha-BHC	µg/kg	6800	ND (1.0)	ND (0.92)	ND (0.91)	ND (1.4)	-	ND (1.3)	ND (1.0)	ND (1.0)
alpha-Chlordane	µg/kg	47000	ND (2.1)	ND (1.8)	ND (1.8)	ND (2.7)	-	ND (2.5)	ND (2.0)	ND (2.0)
beta-BHC	µg/kg	14000	ND (2.1)	ND (1.8)	ND (1.8)	ND (2.7)	-	ND (2.5)	ND (2.0)	ND (2.0)
delta-BHC	µg/kg	1000000	ND (2.1)	ND (1.8)	ND (1.8)	ND (2.7)	-	ND (2.5)	ND (2.0)	ND (2.0)
Dieldrin	µg/kg	2800	ND (2.1)	ND (1.8)	ND (1.8)	ND (2.7)	-	ND (2.5)	ND (2.0)	ND (2.0)
Endosulfan I	µg/kg	920000	ND (2.1)	ND (1.8)	ND (1.8)	ND (2.7)	-	ND (2.5)	ND (2.0)	ND (2.0)
Endosulfan II	µg/kg	920000	ND (2.1)	ND (1.8)	ND (1.8)	ND (2.7)	-	ND (2.5)	ND (2.0)	ND (2.0)
Endosulfan sulfate	µg/kg	920000	ND (4.1)	ND (3.7)	ND (3.6)	ND (5.5)	-	ND (5.1)	ND (4.1)	ND (4.1)
Endrin	µg/kg	410000	ND (2.1)	ND (1.8)	ND (1.8)	ND (2.7)	-	ND (2.5)	ND (2.0)	ND (2.0)
Endrin aldehyde	µg/kg	-	ND (2.1)	ND (1.8)	ND (1.8)	ND (2.7)	-	ND (2.5)	ND (2.0)	ND (2.0)
Endrin ketone	µg/kg	-	ND (2.1)	ND (1.8)	ND (1.8)	ND (2.7)	-	ND (2.5)	ND (2.0)	ND (2.0)
gamma-BHC (lindane)	µg/kg	23000	ND (2.1)	ND (1.8)	ND (1.8)	ND (2.7)	-	ND (2.5)	ND (2.0)	ND (2.0)
gamma-Chlordane	µg/kg	-	ND (2.1)	ND (1.8)	ND (1.8)	ND (2.7)	-	ND (2.5)	ND (2.0)	ND (2.0)
Heptachlor	µg/kg	29000	ND (1.6)	ND (1.5)	ND (1.4)	ND (2.2)	-	ND (2.0)	ND (1.6)	ND (1.6)
Heptachlor epoxide	µg/kg	-	ND (4.1)	ND (3.7)	ND (3.6)	ND (5.5)	-	ND (5.1)	ND (4.1)	ND (4.1)
Methoxychlor	µg/kg	-	R	ND (15)	ND (14)	ND (22)	-	ND (20)	R	R
Toxaphene	µg/kg	-	ND (10)	ND (9.2)	ND (9.1)	ND (14)	-	ND (13)	ND (10)	ND (10)
Petroleum Hydrocarbons										
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*PDW-36*	*PDW-37*	*PDW-37*	*PDW-37*	*PDW-37*	*PDW-37*	*PDW-40*	*PDW-40*
Sample ID:			*PDW36B1*	*PDW37A1*	*PDW37B1*	*PDW37B3*	*PDW37B3*	*PDW37C1*	*PDW40B1*	*PDW40C2*
Sample Date:			*12/8/1993*	*12/1/1993*	*12/1/1993*	*12/1/1993*	*12/1/1993*	*12/1/1993*	*12/7/1993*	*12/7/1993*
Sample Depth:			*5-7 ft BGS*	*2.5-4 ft BGS*	*6-8 ft BGS*	*12-16 ft BGS*	*12-16 ft BGS*	*16-18 ft BGS*	*2.5-4 ft BGS*	*8-10 ft BGS*
		RUSCO					*Duplicate*			
Parameter	*Units*	*Criteria*								
General Chemistry										
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	ND (1400)	ND (1100)	ND (1100)	ND (1400)	-	ND (1300)	ND (1300)	ND (1300)
N-Hexane extractable material	µg/kg	-	-	-	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	430000	858000	738000	-	3080000	7550000	481000	348000
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	306000	589000	569000	-	-	5640000	292000	251000
Total solids	%	-	-	-	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*SB-1-ROW*	*SB-1-ROW*	*SB-2-ROW*	*SB-2-ROW*	*SB-3-ROW*
Sample ID:			*SO-34084-102210-RR-002*	*SO-34084-102210-RR-003*	*SO-34084-102210-RR-005*	*SO-34084-102210-RR-006*	*SO-34084-102210-RR-008*
Sample Date:			*10/22/2010*	*10/22/2010*	*10/22/2010*	*10/22/2010*	*10/22/2010*
Sample Depth:			*2-4 ft BGS*	*6-8 ft BGS*	*2-4 ft BGS*	*6-8 ft BGS*	*4-5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)
1,1,2,2-Tetrachloroethane	µg/kg	-	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)
1,1,2-Trichloroethane	µg/kg	-	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)
1,1-Dichloroethane	µg/kg	480000	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)
1,1-Dichloroethene	µg/kg	1000000	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)
1,2,4-Trichlorobenzene	µg/kg	-	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)
1,2-Dichlorobenzene	µg/kg	1000000	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)
1,2-Dichloroethane	µg/kg	60000	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)
1,4-Dichlorobenzene	µg/kg	250000	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)
2-Hexanone	µg/kg	-	ND (12) UJ	ND (12) UJ	ND (12) UJ	ND (11) UJ	ND (11) UJ
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)
Acetone	µg/kg	1000000	8 J	ND (12)	ND (12)	10 J	11
Benzene	µg/kg	89000	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)
Bromodichloromethane	µg/kg	-	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)
Bromoform	µg/kg	-	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)
Bromomethane (Methyl bromide)	µg/kg	-	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)
Carbon disulfide	µg/kg	-	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)
Carbon tetrachloride	µg/kg	44000	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)
Chlorobenzene	µg/kg	1000000	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)
Chloroethane	µg/kg	-	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)
Chloroform (Trichloromethane)	µg/kg	700000	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)
Chloromethane (Methyl chloride)	µg/kg	-	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)
cis-1,2-Dichloroethene	µg/kg	1000000	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)
cis-1,3-Dichloropropene	µg/kg	-	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)
Cyclohexane	µg/kg	-	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)
Dichlorodifluoromethane (CFC-12)	µg/kg	-	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)
Ethylbenzene	µg/kg	780000	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)
Isopropyl benzene	µg/kg	-	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*SB-1-ROW*	*SB-1-ROW*	*SB-2-ROW*	*SB-2-ROW*	*SB-3-ROW*
Sample ID:			*SO-34084-102210-RR-002*	*SO-34084-102210-RR-003*	*SO-34084-102210-RR-005*	*SO-34084-102210-RR-006*	*SO-34084-102210-RR-008*
Sample Date:			*10/22/2010*	*10/22/2010*	*10/22/2010*	*10/22/2010*	*10/22/2010*
Sample Depth:			*2-4 ft BGS*	*6-8 ft BGS*	*2-4 ft BGS*	*6-8 ft BGS*	*4-5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
m&p-Xylenes	µg/kg	-	-	-	-	-	-
Methyl acetate	µg/kg	-	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)
Methyl cyclohexane	µg/kg	-	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)
Methyl tert butyl ether (MTBE)	µg/kg	1000000	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)
Methylene chloride	µg/kg	1000000	ND (12) U	ND (12) U	ND (12) U	ND (11) U	ND (11) U
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)
Toluene	µg/kg	1000000	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)
trans-1,2-Dichloroethene	µg/kg	1000000	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)
trans-1,3-Dichloropropene	µg/kg	-	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)
Trichloroethene	µg/kg	400000	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)
Trichlorofluoromethane (CFC-11)	µg/kg	-	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)
Trifluorotrichloroethane (Freon 113)	µg/kg	-	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)
Vinyl chloride	µg/kg	27000	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)
Xylenes (total)	µg/kg	1000000	ND (12)	ND (12)	ND (12)	ND (11)	ND (11)
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	ND (390)	ND (390)	ND (390)	ND (360)	ND (350)
2,4,5-Trichlorophenol	µg/kg	-	ND (980)	ND (990)	ND (970)	ND (900)	ND (890)
2,4,6-Trichlorophenol	µg/kg	-	ND (390)	ND (390)	ND (390)	ND (360)	ND (350)
2,4-Dichlorophenol	µg/kg	-	ND (390)	ND (390)	ND (390)	ND (360)	ND (350)
2,4-Dimethylphenol	µg/kg	-	ND (390)	ND (390)	ND (390)	ND (360)	ND (350)
2,4-Dinitrophenol	µg/kg	-	ND (980) UJ	ND (990) UJ	ND (970) UJ	ND (900) UJ	ND (890) UJ
2,4-Dinitrotoluene	µg/kg	-	ND (390)	ND (390)	ND (390)	ND (360)	ND (350)
2,6-Dinitrotoluene	µg/kg	-	ND (390)	ND (390)	ND (390)	ND (360)	ND (350)
2-Chloronaphthalene	µg/kg	-	ND (390)	ND (390)	ND (390)	ND (360)	ND (350)
2-Chlorophenol	µg/kg	-	ND (390)	ND (390)	ND (390)	ND (360)	ND (350)
2-Methylnaphthalene	µg/kg	-	ND (390)	120 J	190 J	73 J	ND (350)
2-Methylphenol	µg/kg	1000000	ND (390)	ND (390)	ND (390)	ND (360)	ND (350)
2-Nitroaniline	µg/kg	-	ND (980)	ND (990)	ND (970)	ND (900)	ND (890)
2-Nitrophenol	µg/kg	-	ND (390)	ND (390)	ND (390)	ND (360)	ND (350)
3,3'-Dichlorobenzidine	µg/kg	-	ND (390)	ND (390)	ND (390)	ND (360)	ND (350)

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*SB-1-ROW*	*SB-1-ROW*	*SB-2-ROW*	*SB-2-ROW*	*SB-3-ROW*
Sample ID:			*SO-34084-102210-RR-002*	*SO-34084-102210-RR-003*	*SO-34084-102210-RR-005*	*SO-34084-102210-RR-006*	*SO-34084-102210-RR-008*
Sample Date:			*10/22/2010*	*10/22/2010*	*10/22/2010*	*10/22/2010*	*10/22/2010*
Sample Depth:			*2-4 ft BGS*	*6-8 ft BGS*	*2-4 ft BGS*	*6-8 ft BGS*	*4-5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
3-Nitroaniline	µg/kg	-	ND (980)	ND (990)	ND (970)	ND (900)	ND (890)
4,6-Dinitro-2-methylphenol	µg/kg	-	ND (980) UJ	ND (990) UJ	ND (970) UJ	ND (900) UJ	ND (890) UJ
4-Bromophenyl phenyl ether	µg/kg	-	ND (390)	ND (390)	ND (390)	ND (360)	ND (350)
4-Chloro-3-methylphenol	µg/kg	-	ND (390)	ND (390)	ND (390)	ND (360)	ND (350)
4-Chloroaniline	µg/kg	-	ND (390)	ND (390)	ND (390)	ND (360)	ND (350)
4-Chlorophenyl phenyl ether	µg/kg	-	ND (390)	ND (390)	ND (390)	ND (360)	ND (350)
4-Methylphenol	µg/kg	1000000	ND (390) UJ	ND (390) UJ	ND (390) UJ	ND (360) UJ	ND (350) UJ
4-Nitroaniline	µg/kg	-	ND (980)	ND (990)	ND (970)	ND (900)	ND (890)
4-Nitrophenol	µg/kg	-	ND (980)	ND (990)	ND (970)	ND (900)	ND (890)
Acenaphthene	µg/kg	1000000	ND (390)	ND (390)	210 J	ND (360)	ND (350)
Acenaphthylene	µg/kg	1000000	ND (390)	ND (390)	84 J	ND (360)	ND (350)
Acetophenone	µg/kg	-	84 J	92 J	100 J	ND (360)	ND (350)
Anthracene	µg/kg	1000000	ND (390)	340 J	650	150 J	ND (350)
Atrazine	µg/kg	-	ND (390)	ND (390)	ND (390)	ND (360)	ND (350)
Benzaldehyde	µg/kg	-	91 J	ND (390)	ND (390)	ND (360)	ND (350)
Benzo(a)anthracene	µg/kg	11000	160 J	1300	1800	410	92 J
Benzo(a)pyrene	µg/kg	1100	220 J	**1500**	**1800**	460 J	97 J
Benzo(b)fluoranthene	µg/kg	11000	430	1800	2500	580 J	110 J
Benzo(g,h,i)perylene	µg/kg	1000000	170 J	580	620	200 J	ND (350)
Benzo(k)fluoranthene	µg/kg	110000	160 J	920	900	280 J	ND (350)
Biphenyl (1,1-Biphenyl)	µg/kg	-	ND (390)	ND (390)	ND (390)	ND (360)	ND (350)
bis(2-Chloroethoxy)methane	µg/kg	-	ND (390)	ND (390)	ND (390)	ND (360)	ND (350)
bis(2-Chloroethyl)ether	µg/kg	-	ND (390)	ND (390)	ND (390)	ND (360)	ND (350)
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	530	550	180 J	1100	160 J
Butyl benzylphthalate (BBP)	µg/kg	-	ND (390)	ND (390)	ND (390)	ND (360)	ND (350)
Caprolactam	µg/kg	-	ND (390)	ND (390)	ND (390)	ND (360)	ND (350)
Carbazole	µg/kg	-	ND (390)	84 J	230 J	ND (360)	ND (350)
Chrysene	µg/kg	110000	330 J	1500	1900	460	100 J
Dibenz(a,h)anthracene	µg/kg	1100	ND (390)	230 J	240 J	ND (360) UJ	ND (350)
Dibenzofuran	µg/kg	1000000	ND (390)	160 J	250 J	ND (360)	ND (350)
Diethyl phthalate	µg/kg	-	ND (390)	ND (390)	ND (390)	ND (360)	ND (350)
Dimethyl phthalate	µg/kg	-	ND (390)	ND (390)	ND (390)	ND (360)	ND (350)
Di-n-butylphthalate (DBP)	µg/kg	-	ND (390) U	ND (390) U	ND (390) U	ND (360)	ND (350) U
Di-n-octyl phthalate (DnOP)	µg/kg	-	ND (390)	ND (390)	ND (390)	ND (360) UJ	ND (350)
Fluoranthene	µg/kg	1000000	270 J	2800	3900	930	190 J
Fluorene	µg/kg	1000000	ND (390)	ND (390)	160 J	ND (360)	ND (350)
Hexachlorobenzene	µg/kg	12000	ND (390)	ND (390)	ND (390)	ND (360)	ND (350)
Hexachlorobutadiene	µg/kg	-	ND (390)	ND (390)	ND (390)	ND (360)	ND (350)
Hexachlorocyclopentadiene	µg/kg	-	ND (390)	ND (390)	ND (390)	ND (360)	ND (350)
Hexachloroethane	µg/kg	-	ND (390)	ND (390)	ND (390)	ND (360)	ND (350)
Indeno(1,2,3-cd)pyrene	µg/kg	11000	170 J	620	660	170 J	ND (350)

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*SB-1-ROW*	*SB-1-ROW*	*SB-2-ROW*	*SB-2-ROW*	*SB-3-ROW*
Sample ID:			*SO-34084-102210-RR-002*	*SO-34084-102210-RR-003*	*SO-34084-102210-RR-005*	*SO-34084-102210-RR-006*	*SO-34084-102210-RR-008*
Sample Date:			*10/22/2010*	*10/22/2010*	*10/22/2010*	*10/22/2010*	*10/22/2010*
Sample Depth:			*2-4 ft BGS*	*6-8 ft BGS*	*2-4 ft BGS*	*6-8 ft BGS*	*4-5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Isophorone	µg/kg	-	ND (390)	ND (390)	ND (390)	ND (360)	ND (350)
Naphthalene	µg/kg	1000000	100 J	140 J	260 J	90 J	ND (350)
Nitrobenzene	µg/kg	140000	ND (390)	ND (390)	ND (390)	ND (360)	ND (350)
N-Nitrosodi-n-propylamine	µg/kg	-	ND (390)	ND (390)	ND (390)	ND (360)	ND (350)
N-Nitrosodiphenylamine	µg/kg	-	ND (390)	ND (390)	ND (390)	ND (360)	ND (350)
Pentachlorophenol	µg/kg	55000	ND (980)	ND (990)	ND (970)	ND (900)	ND (890)
Phenanthrene	µg/kg	1000000	430	1800	3500	730	130 J
Phenol	µg/kg	1000000	ND (390)	ND (390)	ND (390)	ND (360)	ND (350)
Pyrene	µg/kg	1000000	180 J	2300	3500	990	170 J
Metals							
Aluminum	µg/kg	-	5910000 J	3670000 J	2940000 J	5290000 J	5360000 J
Antimony	µg/kg	-	8500 J	7200 J	10100 J	5000 J	2700 J
Arsenic	µg/kg	16000	**70300**	**47600**	**53100**	**18600**	8100
Barium	µg/kg	10000000	99400 J	150000 J	153000 J	100000 J	65400 J
Beryllium	µg/kg	2700000	520	360	200	430	310
Cadmium	µg/kg	60000	1900	1500	970	ND (21)	480
Calcium	µg/kg	-	16300000	1650000	2020000	15700000	37700000
Chromium	µg/kg	-	17300	8500	12900	21200	22800
Cobalt	µg/kg	-	20200	53700	97400	27700	11000
Copper	µg/kg	10000000	3770000	2810000	2650000	1630000	1170000
Iron	µg/kg	-	20900000	28100000	34100000	63500000	14100000
Lead	µg/kg	3900000	453000 J	1100000 J	777000 J	242000 J	116000 J
Magnesium	µg/kg	-	3010000	1110000	1150000	3790000	6450000
Manganese	µg/kg	10000000	140000 J	211000 J	144000 J	1030000 J	209000 J
Mercury	µg/kg	5700	520	1300	620	260	140
Nickel	µg/kg	10000000	36500	22800	37500	21200	23000
Potassium	µg/kg	-	1030000	580000	508000	827000	1050000
Selenium	µg/kg	6800000	4800 J	4000 J	64400 J	6300 J	2000 J
Silver	µg/kg	6800000	6600	4700	8600	3700	1500
Sodium	µg/kg	-	155000	145000	154000	185000	556000
Thallium	µg/kg	-	ND (280)	890 J	990 J	4300 J	ND (250)
Vanadium	µg/kg	-	21800	15300	13600	30800	22000
Zinc	µg/kg	10000000	1760000 J	1600000 J	1430000 J	680000 J	332000 J

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*SB-1-ROW*	*SB-1-ROW*	*SB-2-ROW*	*SB-2-ROW*	*SB-3-ROW*
Sample ID:			*SO-34084-102210-RR-002*	*SO-34084-102210-RR-003*	*SO-34084-102210-RR-005*	*SO-34084-102210-RR-006*	*SO-34084-102210-RR-008*
Sample Date:			*10/22/2010*	*10/22/2010*	*10/22/2010*	*10/22/2010*	*10/22/2010*
Sample Depth:			*2-4 ft BGS*	*6-8 ft BGS*	*2-4 ft BGS*	*6-8 ft BGS*	*4-5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (39)	ND (39)	ND (39)	ND (36)	ND (35)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (79)	ND (80)	ND (78)	ND (73)	ND (71)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (39)	ND (39)	ND (39)	ND (36)	ND (35)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (39)	ND (39)	ND (39)	ND (36)	26 J
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (39)	ND (39)	ND (39)	ND (36)	ND (35)
Aroclor-1254 (PCB-1254)	µg/kg	-	21 J	ND (39)	ND (39)	50	71
Aroclor-1260 (PCB-1260)	µg/kg	-	30 J	ND (39)	ND (39)	51	57
Total PCBs	µg/kg	-	51	ND	ND	101	154
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*SB-1-ROW*	*SB-1-ROW*	*SB-2-ROW*	*SB-2-ROW*	*SB-3-ROW*
Sample ID:			*SO-34084-102210-RR-002*	*SO-34084-102210-RR-003*	*SO-34084-102210-RR-005*	*SO-34084-102210-RR-006*	*SO-34084-102210-RR-008*
Sample Date:			*10/22/2010*	*10/22/2010*	*10/22/2010*	*10/22/2010*	*10/22/2010*
Sample Depth:			*2-4 ft BGS*	*6-8 ft BGS*	*2-4 ft BGS*	*6-8 ft BGS*	*4-5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-
Percent moisture	%	-	15.5	16.1	14.6	7.8	6.2
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*SB-3-ROW*	*SB-4-ROW*	*SB-4-ROW*	*SB-4-ROW*	*SB-5-ROW*
Sample ID:			*SO-34084-102210-RR-009*	*SO-34084-102210-RR-011*	*SO-34084-102210-RR-012*	*SO-34084-102210-RR-013*	*SO-34084-102210-RR-015*
Sample Date:			*10/22/2010*	*10/22/2010*	*10/22/2010*	*10/22/2010*	*10/22/2010*
Sample Depth:			*6-8 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*6-8 ft BGS*	*2-4 ft BGS*
		RUSCO			*Duplicate*		
Parameter	*Units*	*Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	ND (11)	ND (11)	ND (11)	ND (10)	ND (11) UJ
1,1,2,2-Tetrachloroethane	µg/kg	-	ND (11)	ND (11)	ND (11)	ND (10)	ND (11) UJ
1,1,2-Trichloroethane	µg/kg	-	ND (11)	ND (11)	ND (11)	ND (10)	ND (11) UJ
1,1-Dichloroethane	µg/kg	480000	ND (11)	ND (11)	ND (11)	ND (10)	ND (11) UJ
1,1-Dichloroethene	µg/kg	1000000	ND (11)	ND (11)	ND (11)	ND (10)	ND (11) UJ
1,2,4-Trichlorobenzene	µg/kg	-	ND (11)	ND (11)	ND (11)	ND (10)	R
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	ND (11)	ND (11)	ND (11)	ND (10)	ND (11) UJ
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	ND (11)	ND (11)	ND (11)	ND (10)	ND (11) UJ
1,2-Dichlorobenzene	µg/kg	1000000	ND (11)	ND (11)	ND (11)	ND (10)	R
1,2-Dichloroethane	µg/kg	60000	ND (11)	ND (11)	ND (11)	ND (10)	ND (11) UJ
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	ND (11)	ND (11)	ND (11)	ND (10)	ND (11) UJ
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	ND (11)	ND (11)	ND (11)	ND (10)	R
1,4-Dichlorobenzene	µg/kg	250000	ND (11)	ND (11)	ND (11)	ND (10)	R
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	ND (11)	ND (11)	ND (11)	ND (10)	ND (11) UJ
2-Hexanone	µg/kg	-	ND (11) UJ	ND (11) UJ	ND (11) UJ	ND (10) UJ	ND (11) UJ
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	ND (11)	ND (11)	ND (11)	ND (10)	ND (11) UJ
Acetone	µg/kg	1000000	12	17	16	13	ND (11) UJ
Benzene	µg/kg	89000	ND (11)	ND (11)	ND (11)	ND (10)	ND (11) UJ
Bromodichloromethane	µg/kg	-	ND (11)	ND (11)	ND (11)	ND (10)	ND (11) UJ
Bromoform	µg/kg	-	ND (11)	ND (11)	ND (11)	ND (10)	ND (11) UJ
Bromomethane (Methyl bromide)	µg/kg	-	ND (11)	ND (11)	ND (11)	ND (10)	ND (11) UJ
Carbon disulfide	µg/kg	-	ND (11)	ND (11)	ND (11)	2 J	ND (11) UJ
Carbon tetrachloride	µg/kg	44000	ND (11)	ND (11)	ND (11)	ND (10)	ND (11) UJ
Chlorobenzene	µg/kg	1000000	ND (11)	ND (11)	ND (11)	ND (10)	ND (11) UJ
Chloroethane	µg/kg	-	ND (11)	ND (11)	ND (11)	ND (10)	ND (11) UJ
Chloroform (Trichloromethane)	µg/kg	700000	1 J	9 J	7 J	3 J	1 J
Chloromethane (Methyl chloride)	µg/kg	-	ND (11)	ND (11)	ND (11)	ND (10)	ND (11) UJ
cis-1,2-Dichloroethene	µg/kg	1000000	ND (11)	ND (11)	ND (11)	ND (10)	ND (11) UJ
cis-1,3-Dichloropropene	µg/kg	-	ND (11)	ND (11)	ND (11)	ND (10)	R
Cyclohexane	µg/kg	-	ND (11)	ND (11)	ND (11)	ND (10)	ND (11) UJ
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	ND (11)	ND (11)	ND (11)	ND (10)	ND (11) UJ
Dichlorodifluoromethane (CFC-12)	µg/kg	-	ND (11)	ND (11)	ND (11)	ND (10)	ND (11) UJ
Ethylbenzene	µg/kg	780000	ND (11)	ND (11)	ND (11)	ND (10)	ND (11) UJ
Isopropyl benzene	µg/kg	-	ND (11)	ND (11)	ND (11)	ND (10)	ND (11) UJ

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*SB-3-ROW*	*SB-4-ROW*	*SB-4-ROW*	*SB-4-ROW*	*SB-5-ROW*
Sample ID:			*SO-34084-102210-RR-009*	*SO-34084-102210-RR-011*	*SO-34084-102210-RR-012*	*SO-34084-102210-RR-013*	*SO-34084-102210-RR-015*
Sample Date:			*10/22/2010*	*10/22/2010*	*10/22/2010*	*10/22/2010*	*10/22/2010*
Sample Depth:			*6-8 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*6-8 ft BGS*	*2-4 ft BGS*
		RUSCO			*Duplicate*		
Parameter	*Units*	*Criteria*					
m&p-Xylenes	µg/kg	-	-	-	-	-	-
Methyl acetate	µg/kg	-	ND (11)	ND (11)	ND (11)	ND (10)	ND (11) UJ
Methyl cyclohexane	µg/kg	-	ND (11)	ND (11)	ND (11)	ND (10)	ND (11) UJ
Methyl tert butyl ether (MTBE)	µg/kg	1000000	ND (11)	ND (11)	ND (11)	ND (10)	ND (11) UJ
Methylene chloride	µg/kg	1000000	ND (11) U	ND (11) U	ND (11) U	ND (10) U	ND (11) UJ
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	ND (11)	ND (11)	ND (11)	ND (10)	ND (11) UJ
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	ND (11)	ND (11)	ND (11)	ND (10)	ND (11) UJ
Toluene	µg/kg	1000000	ND (11)	ND (11)	ND (11)	ND (10)	ND (11) UJ
trans-1,2-Dichloroethene	µg/kg	1000000	ND (11)	ND (11)	ND (11)	ND (10)	ND (11) UJ
trans-1,3-Dichloropropene	µg/kg	-	ND (11)	ND (11)	ND (11)	ND (10)	R
Trichloroethene	µg/kg	400000	ND (11)	ND (11)	ND (11)	ND (10)	ND (11) UJ
Trichlorofluoromethane (CFC-11)	µg/kg	-	ND (11)	ND (11)	ND (11)	ND (10)	ND (11) UJ
Trifluorotrichloroethane (Freon 113)	µg/kg	-	ND (11)	ND (11)	ND (11)	ND (10)	ND (11) UJ
Vinyl chloride	µg/kg	27000	ND (11)	ND (11)	ND (11)	ND (10)	ND (11) UJ
Xylenes (total)	µg/kg	1000000	ND (11)	ND (11)	ND (11)	ND (10)	ND (11) UJ
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	ND (350)	ND (360)	ND (350)	ND (350)	ND (360)
2,4,5-Trichlorophenol	µg/kg	-	ND (890)	ND (890)	ND (870)	ND (870)	ND (910)
2,4,6-Trichlorophenol	µg/kg	-	ND (350)	ND (360)	ND (350)	ND (350)	ND (360)
2,4-Dichlorophenol	µg/kg	-	ND (350)	ND (360)	ND (350)	ND (350)	ND (360)
2,4-Dimethylphenol	µg/kg	-	ND (350)	ND (360)	ND (350)	ND (350)	ND (360)
2,4-Dinitrophenol	µg/kg	-	ND (890) UJ	ND (890) UJ	ND (870) UJ	ND (870) UJ	ND (910) UJ
2,4-Dinitrotoluene	µg/kg	-	ND (350)	ND (360)	ND (350)	ND (350)	ND (360)
2,6-Dinitrotoluene	µg/kg	-	ND (350)	ND (360)	ND (350)	ND (350)	ND (360)
2-Chloronaphthalene	µg/kg	-	ND (350)	ND (360)	ND (350)	ND (350)	ND (360)
2-Chlorophenol	µg/kg	-	ND (350)	ND (360)	ND (350)	ND (350)	ND (360)
2-Methylnaphthalene	µg/kg	-	ND (350)	ND (360)	ND (350)	ND (350)	150 J
2-Methylphenol	µg/kg	1000000	ND (350)	ND (360)	ND (350)	ND (350)	ND (360)
2-Nitroaniline	µg/kg	-	ND (890)	ND (890)	ND (870)	ND (870)	ND (910)
2-Nitrophenol	µg/kg	-	ND (350)	ND (360)	ND (350)	ND (350)	ND (360)
3,3'-Dichlorobenzidine	µg/kg	-	ND (350)	ND (360)	ND (350)	ND (350)	ND (360)

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*SB-3-ROW*	*SB-4-ROW*	*SB-4-ROW*	*SB-4-ROW*	*SB-5-ROW*
Sample ID:			*SO-34084-102210-RR-009*	*SO-34084-102210-RR-011*	*SO-34084-102210-RR-012*	*SO-34084-102210-RR-013*	*SO-34084-102210-RR-015*
Sample Date:			*10/22/2010*	*10/22/2010*	*10/22/2010*	*10/22/2010*	*10/22/2010*
Sample Depth:			*6-8 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*6-8 ft BGS*	*2-4 ft BGS*
		RUSCO			*Duplicate*		
Parameter	*Units*	*Criteria*					
3-Nitroaniline	µg/kg	-	ND (890)	ND (890)	ND (870)	ND (870)	ND (910)
4,6-Dinitro-2-methylphenol	µg/kg	-	ND (890) UJ	ND (890) UJ	ND (870) UJ	ND (870) UJ	ND (910) UJ
4-Bromophenyl phenyl ether	µg/kg	-	ND (350)	ND (360)	ND (350)	ND (350)	ND (360)
4-Chloro-3-methylphenol	µg/kg	-	ND (350)	ND (360)	ND (350)	ND (350)	ND (360)
4-Chloroaniline	µg/kg	-	ND (350)	ND (360)	ND (350)	ND (350)	ND (360)
4-Chlorophenyl phenyl ether	µg/kg	-	ND (350)	ND (360)	ND (350)	ND (350)	ND (360)
4-Methylphenol	µg/kg	1000000	ND (350) UJ	150 J	ND (350) UJ	ND (350) UJ	ND (360) UJ
4-Nitroaniline	µg/kg	-	ND (890)	ND (890)	ND (870)	ND (870)	ND (910)
4-Nitrophenol	µg/kg	-	ND (890)	ND (890)	ND (870)	ND (870)	ND (910)
Acenaphthene	µg/kg	1000000	ND (350)	ND (360)	ND (350)	ND (350)	79 J
Acenaphthylene	µg/kg	1000000	ND (350)	ND (360)	ND (350)	ND (350)	ND (360)
Acetophenone	µg/kg	-	ND (350)	130 J	78 J	ND (350)	100 J
Anthracene	µg/kg	1000000	ND (350)	93 J	ND (350)	ND (350)	250 J
Atrazine	µg/kg	-	ND (350)	ND (360)	ND (350)	ND (350)	ND (360)
Benzaldehyde	µg/kg	-	ND (350)	78 J	ND (350) UJ	ND (350) UJ	ND (360)
Benzo(a)anthracene	µg/kg	11000	ND (350)	170 J	ND (350)	ND (350)	440
Benzo(a)pyrene	µg/kg	1100	ND (350)	120 J	ND (350)	ND (350)	390
Benzo(b)fluoranthene	µg/kg	11000	ND (350)	130 J	ND (350)	ND (350)	560
Benzo(g,h,i)perylene	µg/kg	1000000	ND (350)	ND (360)	ND (350)	ND (350)	170 J
Benzo(k)fluoranthene	µg/kg	110000	ND (350)	ND (360)	ND (350)	ND (350)	150 J
Biphenyl (1,1-Biphenyl)	µg/kg	-	ND (350)	ND (360)	ND (350)	ND (350)	ND (360)
bis(2-Chloroethoxy)methane	µg/kg	-	ND (350)	ND (360)	ND (350)	ND (350)	ND (360)
bis(2-Chloroethyl)ether	µg/kg	-	ND (350)	ND (360)	ND (350)	ND (350)	ND (360)
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	160 J	150 J	110 J	ND (350)	110 J
Butyl benzylphthalate (BBP)	µg/kg	-	ND (350)	ND (360)	ND (350)	ND (350)	ND (360)
Caprolactam	µg/kg	-	ND (350)	ND (360)	ND (350)	ND (350)	ND (360)
Carbazole	µg/kg	-	ND (350)	ND (360)	ND (350)	ND (350)	ND (360)
Chrysene	µg/kg	110000	ND (350)	190 J	72 J	ND (350)	520
Dibenz(a,h)anthracene	µg/kg	1100	ND (350)	ND (360)	ND (350)	ND (350)	ND (360)
Dibenzofuran	µg/kg	1000000	ND (350)	ND (360)	ND (350)	ND (350)	130 J
Diethyl phthalate	µg/kg	-	ND (350)	ND (360)	ND (350)	ND (350)	ND (360)
Dimethyl phthalate	µg/kg	-	ND (350)	ND (360)	ND (350)	ND (350)	ND (360)
Di-n-butylphthalate (DBP)	µg/kg	-	ND (350) U	ND (360) U	ND (350) U	ND (350) U	ND (360) U
Di-n-octyl phthalate (DnOP)	µg/kg	-	ND (350)	ND (360)	ND (350)	ND (350)	ND (360)
Fluoranthene	µg/kg	1000000	110 J	270 J	110 J	ND (350)	1000
Fluorene	µg/kg	1000000	ND (350)	ND (360)	ND (350)	ND (350)	ND (360)
Hexachlorobenzene	µg/kg	12000	ND (350)	ND (360)	ND (350)	ND (350)	ND (360)
Hexachlorobutadiene	µg/kg	-	ND (350)	ND (360)	ND (350)	ND (350)	ND (360)
Hexachlorocyclopentadiene	µg/kg	-	ND (350)	ND (360)	ND (350)	ND (350)	ND (360)
Hexachloroethane	µg/kg	-	ND (350)	ND (360)	ND (350)	ND (350)	ND (360)
Indeno(1,2,3-cd)pyrene	µg/kg	11000	ND (350)	ND (360)	ND (350)	ND (350)	190 J

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*SB-3-ROW*	*SB-4-ROW*	*SB-4-ROW*	*SB-4-ROW*	*SB-5-ROW*
Sample ID:			*SO-34084-102210-RR-009*	*SO-34084-102210-RR-011*	*SO-34084-102210-RR-012*	*SO-34084-102210-RR-013*	*SO-34084-102210-RR-015*
Sample Date:			*10/22/2010*	*10/22/2010*	*10/22/2010*	*10/22/2010*	*10/22/2010*
Sample Depth:			*6-8 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*6-8 ft BGS*	*2-4 ft BGS*
		RUSCO			*Duplicate*		
Parameter	*Units*	*Criteria*					
Isophorone	µg/kg	-	1300	ND (360)	ND (350)	ND (350)	ND (360)
Naphthalene	µg/kg	1000000	ND (350)	ND (360)	ND (350)	ND (350)	130 J
Nitrobenzene	µg/kg	140000	ND (350)	ND (360)	ND (350)	ND (350)	ND (360)
N-Nitrosodi-n-propylamine	µg/kg	-	ND (350)	ND (360)	ND (350)	ND (350)	ND (360)
N-Nitrosodiphenylamine	µg/kg	-	ND (350)	ND (360)	ND (350)	ND (350)	ND (360)
Pentachlorophenol	µg/kg	55000	ND (890)	ND (890)	ND (870)	ND (870)	ND (910)
Phenanthrene	µg/kg	1000000	85 J	320 J	120 J	ND (350)	1200
Phenol	µg/kg	1000000	ND (350)	ND (360)	ND (350)	ND (350)	ND (360)
Pyrene	µg/kg	1000000	100 J	260 J	97 J	ND (350)	850
Metals							
Aluminum	µg/kg	-	4360000 J	3650000 J	5140000 J	2710000 J	2930000 J
Antimony	µg/kg	-	4500 J	4400 J	8700 J	8900 J	4900 J
Arsenic	µg/kg	16000	**40600**	12600	9000	ND (5000)	**20100**
Barium	µg/kg	10000000	331000 J	1590000 J	2470000 J	1080000 J	268000 J
Beryllium	µg/kg	2700000	220	ND (370)	ND (360)	ND (360)	160
Cadmium	µg/kg	60000	ND (21)	650	1400	1600	120
Calcium	µg/kg	-	3940000	2780000	3320000	1800000	2680000
Chromium	µg/kg	-	8400	5000	4800	4000	10300
Cobalt	µg/kg	-	70800	603000	567000	349000	140000
Copper	µg/kg	10000000	2510000	4400000	4930000	4990000	2160000
Iron	µg/kg	-	76500000	178000000	219000000	168000000	48600000
Lead	µg/kg	3900000	591000 J	1000000 J	1310000 J	1130000 J	457000 J
Magnesium	µg/kg	-	1900000	1320000	1600000	1430000	1720000
Manganese	µg/kg	10000000	291000 J	375000 J	338000 J	225000 J	251000 J
Mercury	µg/kg	5700	260	140	180	ND (17)	180
Nickel	µg/kg	10000000	12600	22600	16600	13200	20400
Potassium	µg/kg	-	1100000	1260000	2490000	1440000	459000
Selenium	µg/kg	6800000	3300 J	ND (7500) U	ND (7300) U	ND (9100) U	4300 J
Silver	µg/kg	6800000	4700	3300	2000	830	10400
Sodium	µg/kg	-	342000	518000	984000	544000	139000
Thallium	µg/kg	-	8300 J	10300 J	12200 J	ND (4900)	3000 J
Vanadium	µg/kg	-	19300	12300	12400	8700	12600
Zinc	µg/kg	10000000	3000000 J	**12800000 J**	**16800000 J**	**12900000 J**	2480000 J

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*SB-3-ROW*	*SB-4-ROW*	*SB-4-ROW*	*SB-4-ROW*	*SB-5-ROW*
Sample ID:			*SO-34084-102210-RR-009*	*SO-34084-102210-RR-011*	*SO-34084-102210-RR-012*	*SO-34084-102210-RR-013*	*SO-34084-102210-RR-015*
Sample Date:			*10/22/2010*	*10/22/2010*	*10/22/2010*	*10/22/2010*	*10/22/2010*
Sample Depth:			*6-8 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*6-8 ft BGS*	*2-4 ft BGS*
		RUSCO			*Duplicate*		
Parameter	*Units*	*Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (35)	ND (36)	ND (35)	ND (35)	ND (36)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (72)	ND (72)	ND (70)	ND (70)	ND (73)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (35)	ND (36)	ND (35)	ND (35)	ND (36)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (35)	ND (36)	ND (35)	ND (35)	ND (36)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (35)	ND (36)	ND (35)	ND (35)	ND (36)
Aroclor-1254 (PCB-1254)	µg/kg	-	42	ND (36)	ND (35)	ND (35)	ND (36)
Aroclor-1260 (PCB-1260)	µg/kg	-	41 J	ND (36)	ND (35)	ND (35)	ND (36)
Total PCBs	µg/kg	-	83	ND	ND	ND	ND
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*SB-3-ROW*	*SB-4-ROW*	*SB-4-ROW*	*SB-4-ROW*	*SB-5-ROW*
Sample ID:			*SO-34084-102210-RR-009*	*SO-34084-102210-RR-011*	*SO-34084-102210-RR-012*	*SO-34084-102210-RR-013*	*SO-34084-102210-RR-015*
Sample Date:			*10/22/2010*	*10/22/2010*	*10/22/2010*	*10/22/2010*	*10/22/2010*
Sample Depth:			*6-8 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*6-8 ft BGS*	*2-4 ft BGS*
		RUSCO			*Duplicate*		
Parameter	*Units*	*Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-
Percent moisture	%	-	6.7	7.2	4.8	4.4	8.4
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*SB-5-ROW*	*SB-6-ROW*	*SB-6-ROW*	*TP-1 (A1)*	*TP-1 (A1)*	*TP-1 (A1)*
Sample ID:			*SO-34084-102210-RR-016*	*SO-34084-102210-RR-018*	*SO-34084-102210-RR-019*	*S-091103-SD-13*	*S-091103-SD-14*	*S-091103-SD-15*
Sample Date:			*10/22/2010*	*10/22/2010*	*10/22/2010*	*9/11/2003*	*9/11/2003*	*9/11/2003*
Sample Depth:			*6-8 ft BGS*	*2-4 ft BGS*	*6-8 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
Volatiles								
1,1,1-Trichloroethane	µg/kg	1000000	ND (11)	ND (10) UJ	ND (12) UJ	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	ND (11)	ND (10)	ND (12)	-	-	-
1,1,2-Trichloroethane	µg/kg	-	ND (11)	ND (10)	ND (12)	-	-	-
1,1-Dichloroethane	µg/kg	480000	ND (11)	ND (10)	ND (12)	-	-	-
1,1-Dichloroethene	µg/kg	1000000	ND (11)	ND (10)	ND (12)	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	ND (11)	ND (10)	ND (12)	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	ND (11)	ND (10)	ND (12)	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	ND (11)	ND (10)	ND (12)	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	ND (11)	ND (10)	ND (12)	-	-	-
1,2-Dichloroethane	µg/kg	60000	ND (11)	ND (10)	ND (12)	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	ND (11)	ND (10)	ND (12)	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	ND (11)	ND (10)	ND (12)	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	ND (11)	ND (10)	ND (12)	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	ND (11)	ND (10)	8 J	-	-	-
2-Hexanone	µg/kg	-	ND (11) UJ	ND (10) UJ	ND (12) UJ	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	ND (11)	ND (10)	ND (12)	-	-	-
Acetone	µg/kg	1000000	6 J	ND (10)	36	-	-	-
Benzene	µg/kg	89000	ND (11)	ND (10)	ND (12)	-	-	-
Bromodichloromethane	µg/kg	-	ND (11)	ND (10)	ND (12)	-	-	-
Bromoform	µg/kg	-	ND (11)	ND (10)	ND (12)	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	ND (11)	ND (10)	ND (12)	-	-	-
Carbon disulfide	µg/kg	-	3 J	ND (10)	ND (12)	-	-	-
Carbon tetrachloride	µg/kg	44000	ND (11)	ND (10)	ND (12)	-	-	-
Chlorobenzene	µg/kg	1000000	ND (11)	ND (10)	ND (12)	-	-	-
Chloroethane	µg/kg	-	ND (11)	ND (10)	ND (12)	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	3 J	ND (10)	ND (12)	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	ND (11)	ND (10)	ND (12)	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	ND (11)	ND (10) UJ	ND (12) UJ	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	ND (11)	ND (10)	ND (12)	-	-	-
Cyclohexane	µg/kg	-	ND (11)	ND (10)	ND (12)	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	ND (11)	ND (10)	ND (12)	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	ND (11)	ND (10) UJ	ND (12) UJ	-	-	-
Ethylbenzene	µg/kg	780000	ND (11)	ND (10)	ND (12)	-	-	-
Isopropyl benzene	µg/kg	-	ND (11)	ND (10)	ND (12)	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*SB-5-ROW*	*SB-6-ROW*	*SB-6-ROW*	*TP-1 (A1)*	*TP-1 (A1)*	*TP-1 (A1)*
Sample ID:			*SO-34084-102210-RR-016*	*SO-34084-102210-RR-018*	*SO-34084-102210-RR-019*	*S-091103-SD-13*	*S-091103-SD-14*	*S-091103-SD-15*
Sample Date:			*10/22/2010*	*10/22/2010*	*10/22/2010*	*9/11/2003*	*9/11/2003*	*9/11/2003*
Sample Depth:			*6-8 ft BGS*	*2-4 ft BGS*	*6-8 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
m&p-Xylenes	µg/kg	-	-	-	-	-	-	-
Methyl acetate	µg/kg	-	ND (11)	ND (10)	ND (12)	-	-	-
Methyl cyclohexane	µg/kg	-	ND (11)	ND (10)	ND (12)	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	ND (11)	ND (10)	ND (12)	-	-	-
Methylene chloride	µg/kg	1000000	ND (11) U	ND (10) U	ND (12) U	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-
Styrene	µg/kg	-	ND (11)	ND (10)	ND (12)	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	ND (11)	ND (10)	ND (12)	-	-	-
Toluene	µg/kg	1000000	ND (11)	ND (10)	ND (12)	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	ND (11)	ND (10)	ND (12)	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	ND (11)	ND (10)	ND (12)	-	-	-
Trichloroethene	µg/kg	400000	ND (11)	ND (10)	ND (12)	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	ND (11)	ND (10)	ND (12)	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	ND (11)	ND (10)	ND (12)	-	-	-
Vinyl chloride	µg/kg	27000	ND (11)	ND (10)	ND (12)	-	-	-
Xylenes (total)	µg/kg	1000000	ND (11)	ND (10)	ND (12)	-	-	-
Semi-Volatiles								
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	ND (360)	ND (340)	ND (380)	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	ND (910)	ND (850)	ND (960)	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	ND (360)	ND (340)	ND (380)	-	-	-
2,4-Dichlorophenol	µg/kg	-	ND (360)	ND (340)	ND (380)	-	-	-
2,4-Dimethylphenol	µg/kg	-	ND (360)	ND (340)	ND (380)	-	-	-
2,4-Dinitrophenol	µg/kg	-	ND (910) UJ	ND (850) UJ	ND (960) UJ	-	-	-
2,4-Dinitrotoluene	µg/kg	-	ND (360)	ND (340)	ND (380)	-	-	-
2,6-Dinitrotoluene	µg/kg	-	ND (360)	ND (340)	ND (380)	-	-	-
2-Chloronaphthalene	µg/kg	-	ND (360)	ND (340)	ND (380)	-	-	-
2-Chlorophenol	µg/kg	-	ND (360)	ND (340)	ND (380)	-	-	-
2-Methylnaphthalene	µg/kg	-	ND (360)	ND (340)	ND (380)	-	-	-
2-Methylphenol	µg/kg	1000000	ND (360)	ND (340)	ND (380)	-	-	-
2-Nitroaniline	µg/kg	-	ND (910)	ND (850)	ND (960)	-	-	-
2-Nitrophenol	µg/kg	-	ND (360)	ND (340)	ND (380)	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	ND (360)	ND (340)	ND (380)	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*SB-5-ROW*	*SB-6-ROW*	*SB-6-ROW*	*TP-1 (A1)*	*TP-1 (A1)*	*TP-1 (A1)*
Sample ID:			*SO-34084-102210-RR-016*	*SO-34084-102210-RR-018*	*SO-34084-102210-RR-019*	*S-091103-SD-13*	*S-091103-SD-14*	*S-091103-SD-15*
Sample Date:			*10/22/2010*	*10/22/2010*	*10/22/2010*	*9/11/2003*	*9/11/2003*	*9/11/2003*
Sample Depth:			*6-8 ft BGS*	*2-4 ft BGS*	*6-8 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
3-Nitroaniline	µg/kg	-	ND (910)	ND (850)	ND (960)	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	ND (910) UJ	ND (850) UJ	ND (960) UJ	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	ND (360)	ND (340)	ND (380)	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	ND (360)	ND (340)	ND (380)	-	-	-
4-Chloroaniline	µg/kg	-	ND (360)	ND (340)	ND (380)	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	ND (360)	ND (340)	ND (380)	-	-	-
4-Methylphenol	µg/kg	1000000	ND (360) UJ	ND (340) UJ	ND (380) UJ	-	-	-
4-Nitroaniline	µg/kg	-	ND (910)	ND (850)	ND (960)	-	-	-
4-Nitrophenol	µg/kg	-	ND (910)	ND (850)	ND (960)	-	-	-
Acenaphthene	µg/kg	1000000	ND (360)	ND (340)	ND (380)	-	-	-
Acenaphthylene	µg/kg	1000000	ND (360)	ND (340)	ND (380)	-	-	-
Acetophenone	µg/kg	-	120 J	140 J	ND (380)	-	-	-
Anthracene	µg/kg	1000000	ND (360)	ND (340)	ND (380)	-	-	-
Atrazine	µg/kg	-	ND (360)	ND (340)	ND (380)	-	-	-
Benzaldehyde	µg/kg	-	ND (360)	ND (340)	ND (380)	-	-	-
Benzo(a)anthracene	µg/kg	11000	ND (360)	ND (340)	ND (380)	-	-	-
Benzo(a)pyrene	µg/kg	1100	ND (360)	ND (340)	ND (380)	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	ND (360)	95 J	ND (380)	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	ND (360)	ND (340)	ND (380)	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	ND (360)	ND (340)	ND (380)	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	ND (360)	ND (340)	ND (380)	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	ND (360)	ND (340)	ND (380)	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	ND (360)	ND (340)	ND (380)	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	130 J	ND (340)	ND (380)	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	ND (360)	ND (340)	ND (380)	-	-	-
Caprolactam	µg/kg	-	ND (360)	ND (340)	ND (380)	-	-	-
Carbazole	µg/kg	-	ND (360)	ND (340)	ND (380)	-	-	-
Chrysene	µg/kg	110000	ND (360)	92 J	ND (380)	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	ND (360)	ND (340)	ND (380)	-	-	-
Dibenzofuran	µg/kg	1000000	ND (360)	ND (340)	ND (380)	-	-	-
Diethyl phthalate	µg/kg	-	ND (360)	ND (340)	ND (380)	-	-	-
Dimethyl phthalate	µg/kg	-	ND (360)	ND (340)	ND (380)	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	ND (360) U	ND (340) U	ND (380) U	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	ND (360)	ND (340)	ND (380)	-	-	-
Fluoranthene	µg/kg	1000000	ND (360)	140 J	ND (380)	-	-	-
Fluorene	µg/kg	1000000	ND (360)	ND (340)	ND (380)	-	-	-
Hexachlorobenzene	µg/kg	12000	ND (360)	ND (340)	ND (380)	-	-	-
Hexachlorobutadiene	µg/kg	-	ND (360)	ND (340)	ND (380)	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	ND (360)	ND (340)	ND (380)	-	-	-
Hexachloroethane	µg/kg	-	ND (360)	ND (340)	ND (380)	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	ND (360)	ND (340)	ND (380)	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*SB-5-ROW*	*SB-6-ROW*	*SB-6-ROW*	*TP-1 (A1)*	*TP-1 (A1)*	*TP-1 (A1)*
Sample ID:			*SO-34084-102210-RR-016*	*SO-34084-102210-RR-018*	*SO-34084-102210-RR-019*	*S-091103-SD-13*	*S-091103-SD-14*	*S-091103-SD-15*
Sample Date:			*10/22/2010*	*10/22/2010*	*10/22/2010*	*9/11/2003*	*9/11/2003*	*9/11/2003*
Sample Depth:			*6-8 ft BGS*	*2-4 ft BGS*	*6-8 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
Isophorone	µg/kg	-	ND (360)	ND (340)	ND (380)	-	-	-
Naphthalene	µg/kg	1000000	ND (360)	ND (340)	ND (380)	-	-	-
Nitrobenzene	µg/kg	140000	ND (360)	ND (340)	ND (380)	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	ND (360)	ND (340)	ND (380)	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	ND (360)	ND (340)	ND (380)	-	-	-
Pentachlorophenol	µg/kg	55000	ND (910)	ND (850)	ND (960)	-	-	-
Phenanthrene	µg/kg	1000000	ND (360)	130 J	ND (380)	-	-	-
Phenol	µg/kg	1000000	ND (360)	ND (340)	ND (380)	-	-	-
Pyrene	µg/kg	1000000	ND (360)	92 J	ND (380)	-	-	-
Metals								
Aluminum	µg/kg	-	5210000 J	4760000 J	6230000 J	-	-	-
Antimony	µg/kg	-	10700 J	8300 J	ND (1100) UJ	-	-	-
Arsenic	µg/kg	16000	7500	ND (4900)	**32200**	-	-	-
Barium	µg/kg	10000000	1950000 J	399000 J	49300 J	-	-	-
Beryllium	µg/kg	2700000	ND (380)	ND (350)	180	-	-	-
Cadmium	µg/kg	60000	4400	1100	ND (23)	-	-	-
Calcium	µg/kg	-	7810000	1410000	600000	-	-	-
Chromium	µg/kg	-	13800	6400	13700	-	-	-
Cobalt	µg/kg	-	183000	59100	3300	-	-	-
Copper	µg/kg	10000000	4950000	4090000	199000	-	-	-
Iron	µg/kg	-	219000000	142000000	12700000	-	-	-
Lead	µg/kg	3900000	1810000 J	509000 J	37900 J	-	-	-
Magnesium	µg/kg	-	3340000	1930000	1240000	-	-	-
Manganese	µg/kg	10000000	261000 J	140000 J	67600 J	-	-	-
Mercury	µg/kg	5700	50	99	61	-	-	-
Nickel	µg/kg	10000000	16300	3100	7400	-	-	-
Potassium	µg/kg	-	1550000	1960000	733000	-	-	-
Selenium	µg/kg	6800000	ND (5900) U	ND (6400) U	ND (580) U	-	-	-
Silver	µg/kg	6800000	4400	1000	ND (44)	-	-	-
Sodium	µg/kg	-	635000	791000	56700	-	-	-
Thallium	µg/kg	-	13800 J	5200 J	ND (270)	-	-	-
Vanadium	µg/kg	-	18400	9600	21300	-	-	-
Zinc	µg/kg	10000000	**21100000 J**	7200000 J	28000 J	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*SB-5-ROW*	*SB-6-ROW*	*SB-6-ROW*	*TP-1 (A1)*	*TP-1 (A1)*	*TP-1 (A1)*
Sample ID:			*SO-34084-102210-RR-016*	*SO-34084-102210-RR-018*	*SO-34084-102210-RR-019*	*S-091103-SD-13*	*S-091103-SD-14*	*S-091103-SD-15*
Sample Date:			*10/22/2010*	*10/22/2010*	*10/22/2010*	*9/11/2003*	*9/11/2003*	*9/11/2003*
Sample Depth:			*6-8 ft BGS*	*2-4 ft BGS*	*6-8 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
PCBs								
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (36)	ND (34)	ND (38)	ND (570)	ND (540)	ND (550)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (74)	ND (68)	ND (78)	ND (1100)	ND (1100)	ND (1100)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (36)	ND (34)	ND (38)	ND (570)	ND (540)	ND (550)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (36)	ND (34)	ND (38)	ND (570)	ND (540)	ND (550)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (36)	ND (34)	ND (38)	5500	3300 J	290 J
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (36)	ND (34)	ND (38)	810 J	1300 J	320 J
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (36)	ND (34)	ND (38)	ND (570)	ND (540)	ND (550)
Total PCBs	µg/kg	-	ND	ND	ND	6310	4600	610
Pesticides								
4,4'-DDD	µg/kg	180000	-	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-	-
Petroleum Hydrocarbons								
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*SB-5-ROW*	*SB-6-ROW*	*SB-6-ROW*	*TP-1 (A1)*	*TP-1 (A1)*	*TP-1 (A1)*
Sample ID:			*SO-34084-102210-RR-016*	*SO-34084-102210-RR-018*	*SO-34084-102210-RR-019*	*S-091103-SD-13*	*S-091103-SD-14*	*S-091103-SD-15*
Sample Date:			*10/22/2010*	*10/22/2010*	*10/22/2010*	*9/11/2003*	*9/11/2003*	*9/11/2003*
Sample Depth:			*6-8 ft BGS*	*2-4 ft BGS*	*6-8 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
General Chemistry								
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-
Percent moisture	%	-	9.0	1.8	13.8	-	-	-
pH	s.u.	-	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*TP-1 (A1)*	*TP-1 (A2)*	*TP-1 (A2)*	*TP-1 (A2)*	*TP-1 (A2)*	*TP-1 (A3)*	*TP-1 (A3)*	*TP-1 (A3)*
Sample ID:			*S-091103-SD-16*	*S-091103-SD-18*	*S-091103-SD-19*	*S-091103-SD-20*	*S-091103-SD-21*	*S-091503-SD-24*	*S-091503-SD-25*	*S-091503-SD-26*
Sample Date:			*9/11/2003*	*9/11/2003*	*9/11/2003*	*9/11/2003*	*9/11/2003*	*9/15/2003*	*9/15/2003*	*9/15/2003*
Sample Depth:			*8-10 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*	*8-10 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*
Parameter	*Units*	*RUSCO Criteria*								
Volatiles										
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*TP-1 (A1)*	*TP-1 (A2)*	*TP-1 (A2)*	*TP-1 (A2)*	*TP-1 (A2)*	*TP-1 (A3)*	*TP-1 (A3)*	*TP-1 (A3)*
Sample ID:			*S-091103-SD-16*	*S-091103-SD-18*	*S-091103-SD-19*	*S-091103-SD-20*	*S-091103-SD-21*	*S-091503-SD-24*	*S-091503-SD-25*	*S-091503-SD-26*
Sample Date:			*9/11/2003*	*9/11/2003*	*9/11/2003*	*9/11/2003*	*9/11/2003*	*9/15/2003*	*9/15/2003*	*9/15/2003*
Sample Depth:			*8-10 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*	*8-10 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*
Parameter	*Units*	*RUSCO Criteria*								
m&p-Xylenes	µg/kg	-	-	-	-	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-	-	-	-
Semi-Volatiles										
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*TP-1 (A1)*	*TP-1 (A2)*	*TP-1 (A2)*	*TP-1 (A2)*	*TP-1 (A2)*	*TP-1 (A3)*	*TP-1 (A3)*	*TP-1 (A3)*
Sample ID:			*S-091103-SD-16*	*S-091103-SD-18*	*S-091103-SD-19*	*S-091103-SD-20*	*S-091103-SD-21*	*S-091503-SD-24*	*S-091503-SD-25*	*S-091503-SD-26*
Sample Date:			*9/11/2003*	*9/11/2003*	*9/11/2003*	*9/11/2003*	*9/11/2003*	*9/15/2003*	*9/15/2003*	*9/15/2003*
Sample Depth:			*8-10 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*	*8-10 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*
Parameter	*Units*	*RUSCO Criteria*								
3-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*TP-1 (A1)*	*TP-1 (A2)*	*TP-1 (A2)*	*TP-1 (A2)*	*TP-1 (A2)*	*TP-1 (A3)*	*TP-1 (A3)*	*TP-1 (A3)*
Sample ID:			*S-091103-SD-16*	*S-091103-SD-18*	*S-091103-SD-19*	*S-091103-SD-20*	*S-091103-SD-21*	*S-091503-SD-24*	*S-091503-SD-25*	*S-091503-SD-26*
Sample Date:			*9/11/2003*	*9/11/2003*	*9/11/2003*	*9/11/2003*	*9/11/2003*	*9/15/2003*	*9/15/2003*	*9/15/2003*
Sample Depth:			*8-10 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*	*8-10 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*
Parameter	*Units*	*RUSCO Criteria*								
Isophorone	µg/kg	-	-	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-	-	-	-
Metals										
Aluminum	µg/kg	-	-	-	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*TP-1 (A1)*	*TP-1 (A2)*	*TP-1 (A2)*	*TP-1 (A2)*	*TP-1 (A2)*	*TP-1 (A3)*	*TP-1 (A3)*	*TP-1 (A3)*
Sample ID:			*S-091103-SD-16*	*S-091103-SD-18*	*S-091103-SD-19*	*S-091103-SD-20*	*S-091103-SD-21*	*S-091503-SD-24*	*S-091503-SD-25*	*S-091503-SD-26*
Sample Date:			*9/11/2003*	*9/11/2003*	*9/11/2003*	*9/11/2003*	*9/11/2003*	*9/15/2003*	*9/15/2003*	*9/15/2003*
Sample Depth:			*8-10 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*	*8-10 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*
Parameter	*Units*	*RUSCO Criteria*								
PCBs										
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (570)	ND (670)	ND (580)	ND (550)	ND (580)	ND (560)	ND (600)	ND (600)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (1100)	ND (1300)	ND (1200)	ND (1100)	ND (1200)	ND (1100)	ND (1200)	ND (1200)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (570)	ND (670)	ND (580)	ND (550)	ND (580)	ND (560)	ND (600)	ND (600)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (570)	ND (670)	ND (580)	ND (550)	ND (580)	ND (560)	ND (600)	ND (600)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (570)	410 J	1100 J	350 J	ND (580)	1400 J	ND (600)	ND (600)
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (570)	580 J	2200 J	4200 J	460 J	1800 J	990 J	ND (600)
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (570)	ND (670)	ND (580)	ND (550)	ND (580)	ND (560)	ND (600)	ND (600)
Total PCBs	µg/kg	-	ND	990	3300	4550	460	3200	990	ND
Pesticides										
4,4'-DDD	µg/kg	180000	-	-	-	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-	-	-	-
Petroleum Hydrocarbons										
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*TP-1 (A1)*	*TP-1 (A2)*	*TP-1 (A2)*	*TP-1 (A2)*	*TP-1 (A2)*	*TP-1 (A3)*	*TP-1 (A3)*	*TP-1 (A3)*
Sample ID:			*S-091103-SD-16*	*S-091103-SD-18*	*S-091103-SD-19*	*S-091103-SD-20*	*S-091103-SD-21*	*S-091503-SD-24*	*S-091503-SD-25*	*S-091503-SD-26*
Sample Date:			*9/11/2003*	*9/11/2003*	*9/11/2003*	*9/11/2003*	*9/11/2003*	*9/15/2003*	*9/15/2003*	*9/15/2003*
Sample Depth:			*8-10 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*	*8-10 ft BGS*	*2-4 ft BGS*	*4-6 ft BGS*	*6-8 ft BGS*
Parameter	*Units*	*RUSCO Criteria*								
General Chemistry										
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*TP-1 (A3)*	*TP-1 (A3)*	*TP-1 (Center)*	*TP-1 (Center)*	*TP-1 (Center)*	*TP-1 (Center)*
Sample ID:			*S-091503-SD-27*	*S-091503-SD-28*	*S-091003-SD-02*	*S-091003-SD-03*	*S-091103-SD-09*	*S-091103-SD-11*
Sample Date:			*9/15/2003*	*9/15/2003*	*9/10/2003*	*9/10/2003*	*9/11/2003*	*9/11/2003*
Sample Depth:			*8-10 ft BGS*	*8-10 ft BGS*	*2-4 ft BGS*	*9-10 ft BGS*	*4-5 ft BGS*	*6-8 ft BGS*
		RUSCO		*Duplicate*				
Parameter	*Units*	*Criteria*						
Volatiles								
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*TP-1 (A3)*	*TP-1 (A3)*	*TP-1 (Center)*	*TP-1 (Center)*	*TP-1 (Center)*	*TP-1 (Center)*
Sample ID:			*S-091503-SD-27*	*S-091503-SD-28*	*S-091003-SD-02*	*S-091003-SD-03*	*S-091103-SD-09*	*S-091103-SD-11*
Sample Date:			*9/15/2003*	*9/15/2003*	*9/10/2003*	*9/10/2003*	*9/11/2003*	*9/11/2003*
Sample Depth:			*8-10 ft BGS*	*8-10 ft BGS*	*2-4 ft BGS*	*9-10 ft BGS*	*4-5 ft BGS*	*6-8 ft BGS*
		RUSCO		*Duplicate*				
Parameter	*Units*	*Criteria*						
m&p-Xylenes	µg/kg	-	-	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-	-
Semi-Volatiles								
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*TP-1 (A3)*	*TP-1 (A3)*	*TP-1 (Center)*	*TP-1 (Center)*	*TP-1 (Center)*	*TP-1 (Center)*
Sample ID:			*S-091503-SD-27*	*S-091503-SD-28*	*S-091003-SD-02*	*S-091003-SD-03*	*S-091103-SD-09*	*S-091103-SD-11*
Sample Date:			*9/15/2003*	*9/15/2003*	*9/10/2003*	*9/10/2003*	*9/11/2003*	*9/11/2003*
Sample Depth:			*8-10 ft BGS*	*8-10 ft BGS*	*2-4 ft BGS*	*9-10 ft BGS*	*4-5 ft BGS*	*6-8 ft BGS*
		RUSCO		*Duplicate*				
Parameter	*Units*	*Criteria*						
3-Nitroaniline	µg/kg	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*TP-1 (A3)*	*TP-1 (A3)*	*TP-1 (Center)*	*TP-1 (Center)*	*TP-1 (Center)*	*TP-1 (Center)*
Sample ID:			*S-091503-SD-27*	*S-091503-SD-28*	*S-091003-SD-02*	*S-091003-SD-03*	*S-091103-SD-09*	*S-091103-SD-11*
Sample Date:			*9/15/2003*	*9/15/2003*	*9/10/2003*	*9/10/2003*	*9/11/2003*	*9/11/2003*
Sample Depth:			*8-10 ft BGS*	*8-10 ft BGS*	*2-4 ft BGS*	*9-10 ft BGS*	*4-5 ft BGS*	*6-8 ft BGS*
		RUSCO		*Duplicate*				
Parameter	*Units*	*Criteria*						
Isophorone	µg/kg	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-	-
Metals								
Aluminum	µg/kg	-	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*TP-1 (A3)*	*TP-1 (A3)*	*TP-1 (Center)*	*TP-1 (Center)*	*TP-1 (Center)*	*TP-1 (Center)*
Sample ID:			*S-091503-SD-27*	*S-091503-SD-28*	*S-091003-SD-02*	*S-091003-SD-03*	*S-091103-SD-09*	*S-091103-SD-11*
Sample Date:			*9/15/2003*	*9/15/2003*	*9/10/2003*	*9/10/2003*	*9/11/2003*	*9/11/2003*
Sample Depth:			*8-10 ft BGS*	*8-10 ft BGS*	*2-4 ft BGS*	*9-10 ft BGS*	*4-5 ft BGS*	*6-8 ft BGS*
		RUSCO		*Duplicate*				
Parameter	*Units*	*Criteria*						
PCBs								
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (610)	ND (580)	ND (580)	ND (540)	ND (550)	ND (560)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (1200)	ND (1200)	ND (1200)	ND (1100)	ND (1100)	ND (1100)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (610)	ND (580)	ND (580)	ND (540)	ND (550)	ND (560)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (610)	ND (580)	ND (580)	ND (540)	ND (550)	ND (560)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (610)	ND (580)	3900 J	ND (540)	1400 J	300 J
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (610)	ND (580)	6600	ND (540)	2900	510 J
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (610)	ND (580)	ND (580) UJ	ND (540)	ND (550)	ND (560)
Total PCBs	µg/kg	-	ND	ND	10500	ND	4300	810
Pesticides								
4,4'-DDD	µg/kg	180000	-	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-	-
Petroleum Hydrocarbons								
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*TP-1 (A3)*	*TP-1 (A3)*	*TP-1 (Center)*	*TP-1 (Center)*	*TP-1 (Center)*	*TP-1 (Center)*
Sample ID:			*S-091503-SD-27*	*S-091503-SD-28*	*S-091003-SD-02*	*S-091003-SD-03*	*S-091103-SD-09*	*S-091103-SD-11*
Sample Date:			*9/15/2003*	*9/15/2003*	*9/10/2003*	*9/10/2003*	*9/11/2003*	*9/11/2003*
Sample Depth:			*8-10 ft BGS*	*8-10 ft BGS*	*2-4 ft BGS*	*9-10 ft BGS*	*4-5 ft BGS*	*6-8 ft BGS*
		RUSCO		*Duplicate*				
Parameter	*Units*	*Criteria*						
General Chemistry								
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 21*	*U Area-Grid 21*	*U Area-Grid 21 (Center)*	*U Area-Grid 21 (NE Corner)*
Sample ID:			*S-AMD-433*	*S-AMD-434*	*S-010904-SW-004*	*S-010904-SW-002*
Sample Date:			*9/7/2000*	*9/7/2000*	*1/9/2004*	*1/9/2004*
Sample Depth:			*2-3 ft BGS*	*3-5 ft BGS*	*2.5 ft*	*2.5 ft*
Parameter	*Units*	*RUSCO Criteria*				
Volatiles						
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 21*	*U Area-Grid 21*	*U Area-Grid 21 (Center)*	*U Area-Grid 21 (NE Corner)*
Sample ID:			*S-AMD-433*	*S-AMD-434*	*S-010904-SW-004*	*S-010904-SW-002*
Sample Date:			*9/7/2000*	*9/7/2000*	*1/9/2004*	*1/9/2004*
Sample Depth:			*2-3 ft BGS*	*3-5 ft BGS*	*2.5 ft*	*2.5 ft*
Parameter	*Units*	*RUSCO Criteria*				
m&p-Xylenes	µg/kg	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 21*	*U Area-Grid 21*	*U Area-Grid 21 (Center)*	*U Area-Grid 21 (NE Corner)*
Sample ID:			*S-AMD-433*	*S-AMD-434*	*S-010904-SW-004*	*S-010904-SW-002*
Sample Date:			*9/7/2000*	*9/7/2000*	*1/9/2004*	*1/9/2004*
Sample Depth:			*2-3 ft BGS*	*3-5 ft BGS*	*2.5 ft*	*2.5 ft*
Parameter	*Units*	*RUSCO Criteria*				
3-Nitroaniline	µg/kg	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 21*	*U Area-Grid 21*	*U Area-Grid 21 (Center)*	*U Area-Grid 21 (NE Corner)*
Sample ID:			*S-AMD-433*	*S-AMD-434*	*S-010904-SW-004*	*S-010904-SW-002*
Sample Date:			*9/7/2000*	*9/7/2000*	*1/9/2004*	*1/9/2004*
Sample Depth:			*2-3 ft BGS*	*3-5 ft BGS*	*2.5 ft*	*2.5 ft*
Parameter	*Units*	*RUSCO Criteria*				
Isophorone	µg/kg	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-
Metals						
Aluminum	µg/kg	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-
Calcium	µg/kg	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-
Iron	µg/kg	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-
Potassium	µg/kg	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-
Sodium	µg/kg	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 21*	*U Area-Grid 21*	*U Area-Grid 21 (Center)*	*U Area-Grid 21 (NE Corner)*
Sample ID:			*S-AMD-433*	*S-AMD-434*	*S-010904-SW-004*	*S-010904-SW-002*
Sample Date:			*9/7/2000*	*9/7/2000*	*1/9/2004*	*1/9/2004*
Sample Depth:			*2-3 ft BGS*	*3-5 ft BGS*	*2.5 ft*	*2.5 ft*
Parameter	*Units*	*RUSCO Criteria*				
PCBs						
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (380)	ND (190)	ND (690)	ND (560)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (780)	ND (380)	ND (690)	ND (560)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (390)	ND (190)	ND (690)	ND (560)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (380)	ND (190)	ND (690)	ND (560)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (380)	ND (190)	ND (690)	ND (560)
Aroclor-1254 (PCB-1254)	µg/kg	-	1300	870	550 J	2700
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (380)	ND (190)	ND (690)	ND (560)
Total PCBs	µg/kg	-	1300	870	550	2700
Pesticides						
4,4'-DDD	µg/kg	180000	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-
Petroleum Hydrocarbons						
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 21*	*U Area-Grid 21*	*U Area-Grid 21 (Center)*	*U Area-Grid 21 (NE Corner)*
Sample ID:			*S-AMD-433*	*S-AMD-434*	*S-010904-SW-004*	*S-010904-SW-002*
Sample Date:			*9/7/2000*	*9/7/2000*	*1/9/2004*	*1/9/2004*
Sample Depth:			*2-3 ft BGS*	*3-5 ft BGS*	*2.5 ft*	*2.5 ft*
Parameter	*Units*	*RUSCO Criteria*				
General Chemistry						
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-
Percent moisture	%	-	-	-	-	-
pH	s.u.	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-
Total solids	%	-	85.7	88.7	-	-
Total volatile solids	%	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 21 (SE Corner)*	*U Area-Grid 22*	*U Area-Grid 22 (SW Corner)*	*U Area-Grid 23 (NW Corner)*
Sample ID:			*S-010904-SW-003*	*S-AMD-446*	*S-011504-SW-001*	*S-121203-SW-010*
Sample Date:			*1/9/2004*	*9/8/2000*	*1/15/2004*	*12/12/2003*
Sample Depth:			*2.5 ft*	*2-4 ft BGS*	*2.5 ft*	*3 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
Volatiles						
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 21 (SE Corner)*	*U Area-Grid 22*	*U Area-Grid 22 (SW Corner)*	*U Area-Grid 23 (NW Corner)*
Sample ID:			*S-010904-SW-003*	*S-AMD-446*	*S-011504-SW-001*	*S-121203-SW-010*
Sample Date:			*1/9/2004*	*9/8/2000*	*1/15/2004*	*12/12/2003*
Sample Depth:			*2.5 ft*	*2-4 ft BGS*	*2.5 ft*	*3 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
m&p-Xylenes	µg/kg	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 21 (SE Corner)*	*U Area-Grid 22*	*U Area-Grid 22 (SW Corner)*	*U Area-Grid 23 (NW Corner)*
Sample ID:			*S-010904-SW-003*	*S-AMD-446*	*S-011504-SW-001*	*S-121203-SW-010*
Sample Date:			*1/9/2004*	*9/8/2000*	*1/15/2004*	*12/12/2003*
Sample Depth:			*2.5 ft*	*2-4 ft BGS*	*2.5 ft*	*3 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
3-Nitroaniline	µg/kg	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 21 (SE Corner)*	*U Area-Grid 22*	*U Area-Grid 22 (SW Corner)*	*U Area-Grid 23 (NW Corner)*
Sample ID:			*S-010904-SW-003*	*S-AMD-446*	*S-011504-SW-001*	*S-121203-SW-010*
Sample Date:			*1/9/2004*	*9/8/2000*	*1/15/2004*	*12/12/2003*
Sample Depth:			*2.5 ft*	*2-4 ft BGS*	*2.5 ft*	*3 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
Isophorone	µg/kg	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-
Metals						
Aluminum	µg/kg	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-
Calcium	µg/kg	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-
Iron	µg/kg	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-
Potassium	µg/kg	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-
Sodium	µg/kg	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 21 (SE Corner)*	*U Area-Grid 22*	*U Area-Grid 22 (SW Corner)*	*U Area-Grid 23 (NW Corner)*
Sample ID:			*S-010904-SW-003*	*S-AMD-446*	*S-011504-SW-001*	*S-121203-SW-010*
Sample Date:			*1/9/2004*	*9/8/2000*	*1/15/2004*	*12/12/2003*
Sample Depth:			*2.5 ft*	*2-4 ft BGS*	*2.5 ft*	*3 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
PCBs						
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (770)	ND (360)	ND (620)	ND (700)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (770)	ND (740)	ND (620)	ND (700)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (770)	ND (370)	ND (620)	ND (700)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (770)	ND (360)	ND (620)	ND (700)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (770)	ND (360)	ND (620)	ND (700)
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (770)	1600	ND (620)	730
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (770)	ND (360)	ND (620)	ND (700)
Total PCBs	µg/kg	-	ND	1600	ND	730
Pesticides						
4,4'-DDD	µg/kg	180000	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-
Petroleum Hydrocarbons						
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 21 (SE Corner)*	*U Area-Grid 22*	*U Area-Grid 22 (SW Corner)*	*U Area-Grid 23 (NW Corner)*
Sample ID:			*S-010904-SW-003*	*S-AMD-446*	*S-011504-SW-001*	*S-121203-SW-010*
Sample Date:			*1/9/2004*	*9/8/2000*	*1/15/2004*	*12/12/2003*
Sample Depth:			*2.5 ft*	*2-4 ft BGS*	*2.5 ft*	*3 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
General Chemistry						
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-
Percent moisture	%	-	-	-	-	-
pH	s.u.	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-
Total solids	%	-	-	91.5	-	-
Total volatile solids	%	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 23 (SW Corner)*	*U Area-Grid 23 (SW Corner)*	*U Area-Grid 24 (Center)*	*U Area-Grid 24 (NW Corner)*
Sample ID:			*S-121203-SW-011*	*S-122003-SD-001*	*S-121203-SW-008*	*S-121203-SW-009*
Sample Date:			*12/12/2003*	*12/20/2003*	*12/12/2003*	*12/12/2003*
Sample Depth:			*3 ft BGS*	*2 ft BGS*	*3 ft BGS*	*3 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
Volatiles						
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 23 (SW Corner)*	*U Area-Grid 23 (SW Corner)*	*U Area-Grid 24 (Center)*	*U Area-Grid 24 (NW Corner)*
Sample ID:			*S-121203-SW-011*	*S-122003-SD-001*	*S-121203-SW-008*	*S-121203-SW-009*
Sample Date:			*12/12/2003*	*12/20/2003*	*12/12/2003*	*12/12/2003*
Sample Depth:			*3 ft BGS*	*2 ft BGS*	*3 ft BGS*	*3 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
m&p-Xylenes	µg/kg	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 23 (SW Corner)*	*U Area-Grid 23 (SW Corner)*	*U Area-Grid 24 (Center)*	*U Area-Grid 24 (NW Corner)*
Sample ID:			*S-121203-SW-011*	*S-122003-SD-001*	*S-121203-SW-008*	*S-121203-SW-009*
Sample Date:			*12/12/2003*	*12/20/2003*	*12/12/2003*	*12/12/2003*
Sample Depth:			*3 ft BGS*	*2 ft BGS*	*3 ft BGS*	*3 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
3-Nitroaniline	µg/kg	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 23 (SW Corner)*	*U Area-Grid 23 (SW Corner)*	*U Area-Grid 24 (Center)*	*U Area-Grid 24 (NW Corner)*
Sample ID:			*S-121203-SW-011*	*S-122003-SD-001*	*S-121203-SW-008*	*S-121203-SW-009*
Sample Date:			*12/12/2003*	*12/20/2003*	*12/12/2003*	*12/12/2003*
Sample Depth:			*3 ft BGS*	*2 ft BGS*	*3 ft BGS*	*3 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
Isophorone	µg/kg	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-
Metals						
Aluminum	µg/kg	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-
Calcium	µg/kg	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-
Iron	µg/kg	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-
Potassium	µg/kg	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-
Sodium	µg/kg	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 23 (SW Corner)*	*U Area-Grid 23 (SW Corner)*	*U Area-Grid 24 (Center)*	*U Area-Grid 24 (NW Corner)*
Sample ID:			*S-121203-SW-011*	*S-122003-SD-001*	*S-121203-SW-008*	*S-121203-SW-009*
Sample Date:			*12/12/2003*	*12/20/2003*	*12/12/2003*	*12/12/2003*
Sample Depth:			*3 ft BGS*	*2 ft BGS*	*3 ft BGS*	*3 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
PCBs						
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (590)	ND (650)	ND (640)	ND (660)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (590)	ND (650)	ND (640)	ND (660)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (590)	ND (650)	ND (640)	ND (660)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (590)	ND (650)	ND (640)	ND (660)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (590)	ND (650)	ND (640)	ND (660)
Aroclor-1254 (PCB-1254)	µg/kg	-	12000	ND (650)	ND (640)	ND (660)
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (1200)	ND (650)	ND (640)	ND (660)
Total PCBs	µg/kg	-	12000	ND	ND	ND
Pesticides						
4,4'-DDD	µg/kg	180000	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-
Petroleum Hydrocarbons						
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 23 (SW Corner)*	*U Area-Grid 23 (SW Corner)*	*U Area-Grid 24 (Center)*	*U Area-Grid 24 (NW Corner)*
Sample ID:			*S-121203-SW-011*	*S-122003-SD-001*	*S-121203-SW-008*	*S-121203-SW-009*
Sample Date:			*12/12/2003*	*12/20/2003*	*12/12/2003*	*12/12/2003*
Sample Depth:			*3 ft BGS*	*2 ft BGS*	*3 ft BGS*	*3 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
General Chemistry						
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-
Percent moisture	%	-	-	-	-	-
pH	s.u.	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-
Total solids	%	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 24 (SE Corner)*	*U Area-Grid 25 (NE Corner)*	*U Area-Grid 25 (SE Corner)*	*U Area-Grid 26 (SE Corner)*
Sample ID:			*S-121203-SW-007*	*S-121203-SW-006*	*S-121203-SW-005*	*S-010904-SW-001*
Sample Date:			*12/12/2003*	*12/12/2003*	*12/12/2003*	*1/9/2004*
Sample Depth:			*3 ft BGS*	*3 ft BGS*	*3 ft BGS*	*2.5 ft*
Parameter	*Units*	*RUSCO Criteria*				
Volatiles						
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 24 (SE Corner)*	*U Area-Grid 25 (NE Corner)*	*U Area-Grid 25 (SE Corner)*	*U Area-Grid 26 (SE Corner)*
Sample ID:			*S-121203-SW-007*	*S-121203-SW-006*	*S-121203-SW-005*	*S-010904-SW-001*
Sample Date:			*12/12/2003*	*12/12/2003*	*12/12/2003*	*1/9/2004*
Sample Depth:			*3 ft BGS*	*3 ft BGS*	*3 ft BGS*	*2.5 ft*
Parameter	*Units*	*RUSCO Criteria*				
m&p-Xylenes	µg/kg	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 24 (SE Corner)*	*U Area-Grid 25 (NE Corner)*	*U Area-Grid 25 (SE Corner)*	*U Area-Grid 26 (SE Corner)*
Sample ID:			*S-121203-SW-007*	*S-121203-SW-006*	*S-121203-SW-005*	*S-010904-SW-001*
Sample Date:			*12/12/2003*	*12/12/2003*	*12/12/2003*	*1/9/2004*
Sample Depth:			*3 ft BGS*	*3 ft BGS*	*3 ft BGS*	*2.5 ft*
Parameter	*Units*	*RUSCO Criteria*				
3-Nitroaniline	µg/kg	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 24 (SE Corner)*	*U Area-Grid 25 (NE Corner)*	*U Area-Grid 25 (SE Corner)*	*U Area-Grid 26 (SE Corner)*
Sample ID:			*S-121203-SW-007*	*S-121203-SW-006*	*S-121203-SW-005*	*S-010904-SW-001*
Sample Date:			*12/12/2003*	*12/12/2003*	*12/12/2003*	*1/9/2004*
Sample Depth:			*3 ft BGS*	*3 ft BGS*	*3 ft BGS*	*2.5 ft*
Parameter	*Units*	*RUSCO Criteria*				
Isophorone	µg/kg	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-
Metals						
Aluminum	µg/kg	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-
Calcium	µg/kg	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-
Iron	µg/kg	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-
Potassium	µg/kg	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-
Sodium	µg/kg	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 24 (SE Corner)*	*U Area-Grid 25 (NE Corner)*	*U Area-Grid 25 (SE Corner)*	*U Area-Grid 26 (SE Corner)*
Sample ID:			*S-121203-SW-007*	*S-121203-SW-006*	*S-121203-SW-005*	*S-010904-SW-001*
Sample Date:			*12/12/2003*	*12/12/2003*	*12/12/2003*	*1/9/2004*
Sample Depth:			*3 ft BGS*	*3 ft BGS*	*3 ft BGS*	*2.5 ft*
Parameter	*Units*	*RUSCO Criteria*				
PCBs						
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (600)	ND (630)	ND (710)	ND (570)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (600)	ND (630)	ND (710)	ND (570)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (600)	ND (630)	ND (710)	ND (570)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (600)	ND (630)	ND (710)	ND (570)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (600)	ND (630)	ND (710)	ND (570)
Aroclor-1254 (PCB-1254)	µg/kg	-	760	ND (630)	ND (710)	2400
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (600)	ND (630)	ND (710)	ND (570)
Total PCBs	µg/kg	-	760	ND	ND	2400
Pesticides						
4,4'-DDD	µg/kg	180000	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-
Petroleum Hydrocarbons						
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 24 (SE Corner)*	*U Area-Grid 25 (NE Corner)*	*U Area-Grid 25 (SE Corner)*	*U Area-Grid 26 (SE Corner)*
Sample ID:			*S-121203-SW-007*	*S-121203-SW-006*	*S-121203-SW-005*	*S-010904-SW-001*
Sample Date:			*12/12/2003*	*12/12/2003*	*12/12/2003*	*1/9/2004*
Sample Depth:			*3 ft BGS*	*3 ft BGS*	*3 ft BGS*	*2.5 ft*
Parameter	*Units*	*RUSCO Criteria*				
General Chemistry						
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-
Percent moisture	%	-	-	-	-	-
pH	s.u.	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-
Total solids	%	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 27*	*U Area-Grid 28*	*U Area-Grid 28 (NW Corner)*	*U Area-Grid 28 (SW Corner)*
Sample ID:			*S-AMD-431*	*S-AMD-432*	*S-121603-SW-004*	*S-121603-SW-005*
Sample Date:			*9/6/2000*	*9/6/2000*	*12/16/2003*	*12/16/2003*
Sample Depth:			*2-4 ft BGS*	*4-6 ft BGS*	*2 ft BGS*	*2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
Volatiles						
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 27*	*U Area-Grid 28*	*U Area-Grid 28 (NW Corner)*	*U Area-Grid 28 (SW Corner)*
Sample ID:			*S-AMD-431*	*S-AMD-432*	*S-121603-SW-004*	*S-121603-SW-005*
Sample Date:			*9/6/2000*	*9/6/2000*	*12/16/2003*	*12/16/2003*
Sample Depth:			*2-4 ft BGS*	*4-6 ft BGS*	*2 ft BGS*	*2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
m&p-Xylenes	µg/kg	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 27*	*U Area-Grid 28*	*U Area-Grid 28 (NW Corner)*	*U Area-Grid 28 (SW Corner)*
Sample ID:			*S-AMD-431*	*S-AMD-432*	*S-121603-SW-004*	*S-121603-SW-005*
Sample Date:			*9/6/2000*	*9/6/2000*	*12/16/2003*	*12/16/2003*
Sample Depth:			*2-4 ft BGS*	*4-6 ft BGS*	*2 ft BGS*	*2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
3-Nitroaniline	µg/kg	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 27*	*U Area-Grid 28*	*U Area-Grid 28 (NW Corner)*	*U Area-Grid 28 (SW Corner)*
Sample ID:			*S-AMD-431*	*S-AMD-432*	*S-121603-SW-004*	*S-121603-SW-005*
Sample Date:			*9/6/2000*	*9/6/2000*	*12/16/2003*	*12/16/2003*
Sample Depth:			*2-4 ft BGS*	*4-6 ft BGS*	*2 ft BGS*	*2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
Isophorone	µg/kg	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-
Metals						
Aluminum	µg/kg	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-
Calcium	µg/kg	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-
Iron	µg/kg	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-
Potassium	µg/kg	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-
Sodium	µg/kg	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 27*	*U Area-Grid 28*	*U Area-Grid 28 (NW Corner)*	*U Area-Grid 28 (SW Corner)*
Sample ID:			*S-AMD-431*	*S-AMD-432*	*S-121603-SW-004*	*S-121603-SW-005*
Sample Date:			*9/6/2000*	*9/6/2000*	*12/16/2003*	*12/16/2003*
Sample Depth:			*2-4 ft BGS*	*4-6 ft BGS*	*2 ft BGS*	*2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
PCBs						
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (3600)	ND (33)	ND (720)	ND (720)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (7200)	ND (67)	ND (720)	ND (720)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (3600)	ND (34)	ND (720)	ND (720)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (3600)	ND (34)	ND (720)	ND (720)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (3600)	ND (34)	ND (720)	ND (720)
Aroclor-1254 (PCB-1254)	µg/kg	-	4000	50	770	ND (720)
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (3600)	ND (33)	ND (720)	ND (720)
Total PCBs	µg/kg	-	4000	50	770	ND
Pesticides						
4,4'-DDD	µg/kg	180000	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-
Petroleum Hydrocarbons						
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 27*	*U Area-Grid 28*	*U Area-Grid 28 (NW Corner)*	*U Area-Grid 28 (SW Corner)*
Sample ID:			*S-AMD-431*	*S-AMD-432*	*S-121603-SW-004*	*S-121603-SW-005*
Sample Date:			*9/6/2000*	*9/6/2000*	*12/16/2003*	*12/16/2003*
Sample Depth:			*2-4 ft BGS*	*4-6 ft BGS*	*2 ft BGS*	*2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
General Chemistry						
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-
Percent moisture	%	-	-	-	-	-
pH	s.u.	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-
Total solids	%	-	92.4	99.0	-	-
Total volatile solids	%	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 28 (SW Corner)*	*U Area-Grid 29*	*U Area-Grid 29 (NE Corner)*	*U Area-Grid 29 (SE Corner)*
Sample ID:			*S-121703-SW-002*	*S-AMD-447*	*S-121603-SW-003*	*S-121603-SW-002*
Sample Date:			*12/17/2003*	*9/8/2000*	*12/16/2003*	*12/16/2003*
Sample Depth:			*2.5 ft BGS*	*2-3 ft BGS*	*2 ft BGS*	*2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
Volatiles						
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 28 (SW Corner)*	*U Area-Grid 29*	*U Area-Grid 29 (NE Corner)*	*U Area-Grid 29 (SE Corner)*
Sample ID:			*S-121703-SW-002*	*S-AMD-447*	*S-121603-SW-003*	*S-121603-SW-002*
Sample Date:			*12/17/2003*	*9/8/2000*	*12/16/2003*	*12/16/2003*
Sample Depth:			*2.5 ft BGS*	*2-3 ft BGS*	*2 ft BGS*	*2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
m&p-Xylenes	µg/kg	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 28 (SW Corner)*	*U Area-Grid 29*	*U Area-Grid 29 (NE Corner)*	*U Area-Grid 29 (SE Corner)*
Sample ID:			*S-121703-SW-002*	*S-AMD-447*	*S-121603-SW-003*	*S-121603-SW-002*
Sample Date:			*12/17/2003*	*9/8/2000*	*12/16/2003*	*12/16/2003*
Sample Depth:			*2.5 ft BGS*	*2-3 ft BGS*	*2 ft BGS*	*2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
3-Nitroaniline	µg/kg	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 28 (SW Corner)*	*U Area-Grid 29*	*U Area-Grid 29 (NE Corner)*	*U Area-Grid 29 (SE Corner)*
Sample ID:			*S-121703-SW-002*	*S-AMD-447*	*S-121603-SW-003*	*S-121603-SW-002*
Sample Date:			*12/17/2003*	*9/8/2000*	*12/16/2003*	*12/16/2003*
Sample Depth:			*2.5 ft BGS*	*2-3 ft BGS*	*2 ft BGS*	*2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
Isophorone	µg/kg	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-
Metals						
Aluminum	µg/kg	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-
Calcium	µg/kg	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-
Iron	µg/kg	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-
Potassium	µg/kg	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-
Sodium	µg/kg	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 28 (SW Corner)*	*U Area-Grid 29*	*U Area-Grid 29 (NE Corner)*	*U Area-Grid 29 (SE Corner)*
Sample ID:			*S-121703-SW-002*	*S-AMD-447*	*S-121603-SW-003*	*S-121603-SW-002*
Sample Date:			*12/17/2003*	*9/8/2000*	*12/16/2003*	*12/16/2003*
Sample Depth:			*2.5 ft BGS*	*2-3 ft BGS*	*2 ft BGS*	*2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
PCBs						
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (16000)	ND (37)	ND (620)	ND (570)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (810)	ND (74)	ND (620)	ND (570)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (16000)	ND (37)	ND (620)	ND (570)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (16000)	ND (37)	ND (620)	ND (570)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (16000)	ND (37)	ND (620)	ND (570)
Aroclor-1254 (PCB-1254)	µg/kg	-	150000	ND (37)	14000	660 J
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (16000)	ND (37)	ND (1200)	420 J
Total PCBs	µg/kg	-	150000	ND	14000	1080
Pesticides						
4,4'-DDD	µg/kg	180000	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-
Petroleum Hydrocarbons						
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 28 (SW Corner)*	*U Area-Grid 29*	*U Area-Grid 29 (NE Corner)*	*U Area-Grid 29 (SE Corner)*
Sample ID:			*S-121703-SW-002*	*S-AMD-447*	*S-121603-SW-003*	*S-121603-SW-002*
Sample Date:			*12/17/2003*	*9/8/2000*	*12/16/2003*	*12/16/2003*
Sample Depth:			*2.5 ft BGS*	*2-3 ft BGS*	*2 ft BGS*	*2 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
General Chemistry						
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-
Percent moisture	%	-	-	-	-	-
pH	s.u.	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-
Total solids	%	-	-	89.8	-	-
Total volatile solids	%	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 30*	*U Area-Grid 30 (Center)*	*U Area-Grid 30 (NE Corner)*	*U Area-Grid 30 (NW Corner)*
Sample ID:			*S-AMD-448*	*S-011504-SW-004*	*S-011504-SW-002*	*S-011504-SW-005*
Sample Date:			*9/8/2000*	*1/15/2004*	*1/15/2004*	*1/15/2004*
Sample Depth:			*2-3 ft BGS*	*2 ft*	*2 ft*	*2 ft*
Parameter	*Units*	*RUSCO Criteria*				
Volatiles						
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 30*	*U Area-Grid 30 (Center)*	*U Area-Grid 30 (NE Corner)*	*U Area-Grid 30 (NW Corner)*
Sample ID:			*S-AMD-448*	*S-011504-SW-004*	*S-011504-SW-002*	*S-011504-SW-005*
Sample Date:			*9/8/2000*	*1/15/2004*	*1/15/2004*	*1/15/2004*
Sample Depth:			*2-3 ft BGS*	*2 ft*	*2 ft*	*2 ft*
Parameter	*Units*	*RUSCO Criteria*				
m&p-Xylenes	µg/kg	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 30*	*U Area-Grid 30 (Center)*	*U Area-Grid 30 (NE Corner)*	*U Area-Grid 30 (NW Corner)*
Sample ID:			*S-AMD-448*	*S-011504-SW-004*	*S-011504-SW-002*	*S-011504-SW-005*
Sample Date:			*9/8/2000*	*1/15/2004*	*1/15/2004*	*1/15/2004*
Sample Depth:			*2-3 ft BGS*	*2 ft*	*2 ft*	*2 ft*
Parameter	*Units*	*RUSCO Criteria*				
3-Nitroaniline	µg/kg	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 30*	*U Area-Grid 30 (Center)*	*U Area-Grid 30 (NE Corner)*	*U Area-Grid 30 (NW Corner)*
Sample ID:			*S-AMD-448*	*S-011504-SW-004*	*S-011504-SW-002*	*S-011504-SW-005*
Sample Date:			*9/8/2000*	*1/15/2004*	*1/15/2004*	*1/15/2004*
Sample Depth:			*2-3 ft BGS*	*2 ft*	*2 ft*	*2 ft*
Parameter	*Units*	*RUSCO Criteria*				
Isophorone	µg/kg	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-
Metals						
Aluminum	µg/kg	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-
Calcium	µg/kg	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-
Iron	µg/kg	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-
Potassium	µg/kg	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-
Sodium	µg/kg	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 30*	*U Area-Grid 30 (Center)*	*U Area-Grid 30 (NE Corner)*	*U Area-Grid 30 (NW Corner)*
Sample ID:			*S-AMD-448*	*S-011504-SW-004*	*S-011504-SW-002*	*S-011504-SW-005*
Sample Date:			*9/8/2000*	*1/15/2004*	*1/15/2004*	*1/15/2004*
Sample Depth:			*2-3 ft BGS*	*2 ft*	*2 ft*	*2 ft*
Parameter	*Units*	*RUSCO Criteria*				
PCBs						
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (35)	ND (590)	ND (550)	ND (620)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (71)	ND (590)	ND (550)	ND (620)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (35)	ND (590)	ND (550)	ND (620)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (35)	ND (590)	ND (550)	ND (620)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (35)	ND (590)	ND (550)	ND (620)
Aroclor-1254 (PCB-1254)	µg/kg	-	130	770	ND (550)	ND (620)
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (35)	ND (590)	ND (550)	ND (620)
Total PCBs	µg/kg	-	130	770	ND	ND
Pesticides						
4,4'-DDD	µg/kg	180000	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-
Petroleum Hydrocarbons						
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 30*	*U Area-Grid 30 (Center)*	*U Area-Grid 30 (NE Corner)*	*U Area-Grid 30 (NW Corner)*
Sample ID:			*S-AMD-448*	*S-011504-SW-004*	*S-011504-SW-002*	*S-011504-SW-005*
Sample Date:			*9/8/2000*	*1/15/2004*	*1/15/2004*	*1/15/2004*
Sample Depth:			*2-3 ft BGS*	*2 ft*	*2 ft*	*2 ft*
Parameter	*Units*	*RUSCO Criteria*				
General Chemistry						
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-
Percent moisture	%	-	-	-	-	-
pH	s.u.	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-
Total solids	%	-	85.9	-	-	-
Total volatile solids	%	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 30 (SE Corner)*	*U Area-Grid 31 (NE Corner)*	*U Area-Grid 31 (SE Corner)*	*U Area-Grid 31 (SE Corner)*
Sample ID:			*S-011504-SW-003*	*S-011504-SW-006*	*S-011504-SW-007*	*S-011504-SW-008*
Sample Date:			*1/15/2004*	*1/15/2004*	*1/15/2004*	*1/15/2004*
Sample Depth:			*2 ft*	*2 ft*	*2 ft*	*2 ft*
Parameter	*Units*	*RUSCO Criteria*				*Duplicate*
Volatiles						
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 30 (SE Corner)*	*U Area-Grid 31 (NE Corner)*	*U Area-Grid 31 (SE Corner)*	*U Area-Grid 31 (SE Corner)*
Sample ID:			*S-011504-SW-003*	*S-011504-SW-006*	*S-011504-SW-007*	*S-011504-SW-008*
Sample Date:			*1/15/2004*	*1/15/2004*	*1/15/2004*	*1/15/2004*
Sample Depth:			*2 ft*	*2 ft*	*2 ft*	*2 ft*
Parameter	*Units*	*RUSCO Criteria*				*Duplicate*
m&p-Xylenes	µg/kg	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 30 (SE Corner)*	*U Area-Grid 31 (NE Corner)*	*U Area-Grid 31 (SE Corner)*	*U Area-Grid 31 (SE Corner)*
Sample ID:			*S-011504-SW-003*	*S-011504-SW-006*	*S-011504-SW-007*	*S-011504-SW-008*
Sample Date:			*1/15/2004*	*1/15/2004*	*1/15/2004*	*1/15/2004*
Sample Depth:			*2 ft*	*2 ft*	*2 ft*	*2 ft*
Parameter	*Units*	*RUSCO Criteria*				*Duplicate*
3-Nitroaniline	µg/kg	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 30 (SE Corner)*	*U Area-Grid 31 (NE Corner)*	*U Area-Grid 31 (SE Corner)*	*U Area-Grid 31 (SE Corner)*
Sample ID:			*S-011504-SW-003*	*S-011504-SW-006*	*S-011504-SW-007*	*S-011504-SW-008*
Sample Date:			*1/15/2004*	*1/15/2004*	*1/15/2004*	*1/15/2004*
Sample Depth:			*2 ft*	*2 ft*	*2 ft*	*2 ft*
Parameter	*Units*	*RUSCO Criteria*				*Duplicate*
Isophorone	µg/kg	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-
Metals						
Aluminum	µg/kg	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-
Calcium	µg/kg	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-
Iron	µg/kg	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-
Mercury	µg/kg	5700	-	-	-	-
Nickel	µg/kg	10000000	-	-	-	-
Potassium	µg/kg	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-
Sodium	µg/kg	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 30 (SE Corner)*	*U Area-Grid 31 (NE Corner)*	*U Area-Grid 31 (SE Corner)*	*U Area-Grid 31 (SE Corner)*
Sample ID:			*S-011504-SW-003*	*S-011504-SW-006*	*S-011504-SW-007*	*S-011504-SW-008*
Sample Date:			*1/15/2004*	*1/15/2004*	*1/15/2004*	*1/15/2004*
Sample Depth:			*2 ft*	*2 ft*	*2 ft*	*2 ft*
Parameter	*Units*	*RUSCO Criteria*				*Duplicate*
PCBs						
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (510)	ND (680)	ND (530)	ND (520)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (510)	ND (680)	ND (530)	ND (520)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (510)	ND (680)	ND (530)	ND (520)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (510)	ND (680)	ND (530)	ND (520)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (510)	ND (680)	ND (530)	ND (520)
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (510)	ND (680)	ND (530)	ND (520)
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (510)	ND (680)	ND (530)	ND (520)
Total PCBs	µg/kg	-	ND	ND	ND	ND
Pesticides						
4,4'-DDD	µg/kg	180000	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-
Petroleum Hydrocarbons						
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 30 (SE Corner)*	*U Area-Grid 31 (NE Corner)*	*U Area-Grid 31 (SE Corner)*	*U Area-Grid 31 (SE Corner)*
Sample ID:			*S-011504-SW-003*	*S-011504-SW-006*	*S-011504-SW-007*	*S-011504-SW-008*
Sample Date:			*1/15/2004*	*1/15/2004*	*1/15/2004*	*1/15/2004*
Sample Depth:			*2 ft*	*2 ft*	*2 ft*	*2 ft*
Parameter	*Units*	*RUSCO Criteria*				*Duplicate*
General Chemistry						
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-
Percent moisture	%	-	-	-	-	-
pH	s.u.	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-
Total solids	%	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 39*	*U Area-Grid 40*	*U Area-South Floor*	*U Area-Stockpile*	*U Area-Stockpile*	*U Area-T4*
Sample ID:			*S-AMD-450*	*S-AMD-449*	*S-012904-SW-025*	*S-012904-SW-024*	*S-012904-SW-023*	*S-AMD-429*
Sample Date:			*9/8/2000*	*9/8/2000*	*1/29/2004*	*1/29/2004*	*1/29/2004*	*9/6/2000*
Sample Depth:			*3-4 ft BGS*	*2-4 ft BGS*	*6.5 ft BGS*	*3.5-5.5 ft BGS*	*5.5-7.5 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
Volatiles								
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 39*	*U Area-Grid 40*	*U Area-South Floor*	*U Area-Stockpile*	*U Area-Stockpile*	*U Area-T4*
Sample ID:			*S-AMD-450*	*S-AMD-449*	*S-012904-SW-025*	*S-012904-SW-024*	*S-012904-SW-023*	*S-AMD-429*
Sample Date:			*9/8/2000*	*9/8/2000*	*1/29/2004*	*1/29/2004*	*1/29/2004*	*9/6/2000*
Sample Depth:			*3-4 ft BGS*	*2-4 ft BGS*	*6.5 ft BGS*	*3.5-5.5 ft BGS*	*5.5-7.5 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
m&p-Xylenes	µg/kg	-	-	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-	-
Semi-Volatiles								
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 39*	*U Area-Grid 40*	*U Area-South Floor*	*U Area-Stockpile*	*U Area-Stockpile*	*U Area-T4*
Sample ID:			*S-AMD-450*	*S-AMD-449*	*S-012904-SW-025*	*S-012904-SW-024*	*S-012904-SW-023*	*S-AMD-429*
Sample Date:			*9/8/2000*	*9/8/2000*	*1/29/2004*	*1/29/2004*	*1/29/2004*	*9/6/2000*
Sample Depth:			*3-4 ft BGS*	*2-4 ft BGS*	*6.5 ft BGS*	*3.5-5.5 ft BGS*	*5.5-7.5 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
3-Nitroaniline	µg/kg	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 39*	*U Area-Grid 40*	*U Area-South Floor*	*U Area-Stockpile*	*U Area-Stockpile*	*U Area-T4*
Sample ID:			*S-AMD-450*	*S-AMD-449*	*S-012904-SW-025*	*S-012904-SW-024*	*S-012904-SW-023*	*S-AMD-429*
Sample Date:			*9/8/2000*	*9/8/2000*	*1/29/2004*	*1/29/2004*	*1/29/2004*	*9/6/2000*
Sample Depth:			*3-4 ft BGS*	*2-4 ft BGS*	*6.5 ft BGS*	*3.5-5.5 ft BGS*	*5.5-7.5 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
Isophorone	µg/kg	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-	-
Metals								
Aluminum	µg/kg	-	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-	-
Mercury	µg/kg	5700	-	-	5300	4600	**6400**	-
Nickel	µg/kg	10000000	-	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 39*	*U Area-Grid 40*	*U Area-South Floor*	*U Area-Stockpile*	*U Area-Stockpile*	*U Area-T4*
Sample ID:			*S-AMD-450*	*S-AMD-449*	*S-012904-SW-025*	*S-012904-SW-024*	*S-012904-SW-023*	*S-AMD-429*
Sample Date:			*9/8/2000*	*9/8/2000*	*1/29/2004*	*1/29/2004*	*1/29/2004*	*9/6/2000*
Sample Depth:			*3-4 ft BGS*	*2-4 ft BGS*	*6.5 ft BGS*	*3.5-5.5 ft BGS*	*5.5-7.5 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
PCBs								
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (43)	ND (35)	-	ND (700)	ND (790)	ND (35)
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (87)	ND (70)	-	ND (700)	ND (790)	ND (71)
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (44)	ND (35)	-	ND (700)	ND (790)	ND (35)
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (43)	ND (35)	-	ND (700)	ND (790)	ND (35)
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (43)	ND (35)	-	ND (700)	ND (790)	ND (35)
Aroclor-1254 (PCB-1254)	µg/kg	-	ND (43)	ND (35)	-	ND (700)	ND (790)	130
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (43)	ND (35)	-	ND (700)	ND (790)	88
Total PCBs	µg/kg	-	ND	ND	-	ND	ND	218
Pesticides								
4,4'-DDD	µg/kg	180000	-	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-	-
Petroleum Hydrocarbons								
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Grid 39*	*U Area-Grid 40*	*U Area-South Floor*	*U Area-Stockpile*	*U Area-Stockpile*	*U Area-T4*
Sample ID:			*S-AMD-450*	*S-AMD-449*	*S-012904-SW-025*	*S-012904-SW-024*	*S-012904-SW-023*	*S-AMD-429*
Sample Date:			*9/8/2000*	*9/8/2000*	*1/29/2004*	*1/29/2004*	*1/29/2004*	*9/6/2000*
Sample Depth:			*3-4 ft BGS*	*2-4 ft BGS*	*6.5 ft BGS*	*3.5-5.5 ft BGS*	*5.5-7.5 ft BGS*	*2-4 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
General Chemistry								
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-
Total solids	%	-	76.6	84.8	-	-	-	94.1
Total volatile solids	%	-	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-T5*	*U Area-Trench 1*	*U Area-Trench 1*	*U Area-Trench 1*	*U Area-Trench 1*	*U Area-Trench 1*
Sample ID:			*S-AMD-430*	*S-010604-SW-001*	*S-010604-SW-002*	*S-010604-SW-003*	*S-010604-SW-004*	*S-010604-SW-005*
Sample Date:			*9/6/2000*	*1/6/2004*	*1/6/2004*	*1/6/2004*	*1/6/2004*	*1/6/2004*
Sample Depth:			*3-4 ft BGS*	*3.5 ft BGS*	*3.5 ft BGS*	*3.5 ft BGS*	*3.5 ft BGS*	*3.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
Volatiles								
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-T5*	*U Area-Trench 1*	*U Area-Trench 1*	*U Area-Trench 1*	*U Area-Trench 1*	*U Area-Trench 1*
Sample ID:			*S-AMD-430*	*S-010604-SW-001*	*S-010604-SW-002*	*S-010604-SW-003*	*S-010604-SW-004*	*S-010604-SW-005*
Sample Date:			*9/6/2000*	*1/6/2004*	*1/6/2004*	*1/6/2004*	*1/6/2004*	*1/6/2004*
Sample Depth:			*3-4 ft BGS*	*3.5 ft BGS*	*3.5 ft BGS*	*3.5 ft BGS*	*3.5 ft BGS*	*3.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
m&p-Xylenes	µg/kg	-	-	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-	-
Semi-Volatiles								
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-T5*	*U Area-Trench 1*	*U Area-Trench 1*	*U Area-Trench 1*	*U Area-Trench 1*	*U Area-Trench 1*
Sample ID:			*S-AMD-430*	*S-010604-SW-001*	*S-010604-SW-002*	*S-010604-SW-003*	*S-010604-SW-004*	*S-010604-SW-005*
Sample Date:			*9/6/2000*	*1/6/2004*	*1/6/2004*	*1/6/2004*	*1/6/2004*	*1/6/2004*
Sample Depth:			*3-4 ft BGS*	*3.5 ft BGS*	*3.5 ft BGS*	*3.5 ft BGS*	*3.5 ft BGS*	*3.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
3-Nitroaniline	µg/kg	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-T5*	*U Area-Trench 1*	*U Area-Trench 1*	*U Area-Trench 1*	*U Area-Trench 1*	*U Area-Trench 1*
Sample ID:			*S-AMD-430*	*S-010604-SW-001*	*S-010604-SW-002*	*S-010604-SW-003*	*S-010604-SW-004*	*S-010604-SW-005*
Sample Date:			*9/6/2000*	*1/6/2004*	*1/6/2004*	*1/6/2004*	*1/6/2004*	*1/6/2004*
Sample Depth:			*3-4 ft BGS*	*3.5 ft BGS*	*3.5 ft BGS*	*3.5 ft BGS*	*3.5 ft BGS*	*3.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
Isophorone	µg/kg	-	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-	-
Metals								
Aluminum	µg/kg	-	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-	-
Mercury	µg/kg	5700	-	**27700**	1900	**6000**	**6600**	**6700**
Nickel	µg/kg	10000000	-	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-T5*	*U Area-Trench 1*	*U Area-Trench 1*	*U Area-Trench 1*	*U Area-Trench 1*	*U Area-Trench 1*
Sample ID:			*S-AMD-430*	*S-010604-SW-001*	*S-010604-SW-002*	*S-010604-SW-003*	*S-010604-SW-004*	*S-010604-SW-005*
Sample Date:			*9/6/2000*	*1/6/2004*	*1/6/2004*	*1/6/2004*	*1/6/2004*	*1/6/2004*
Sample Depth:			*3-4 ft BGS*	*3.5 ft BGS*	*3.5 ft BGS*	*3.5 ft BGS*	*3.5 ft BGS*	*3.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
PCBs								
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (4400)	-	-	-	-	-
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (8900)	-	-	-	-	-
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (4500)	-	-	-	-	-
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (4500)	-	-	-	-	-
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (4500)	-	-	-	-	-
Aroclor-1254 (PCB-1254)	µg/kg	-	8800	-	-	-	-	-
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (4400)	-	-	-	-	-
Total PCBs	µg/kg	-	8800	-	-	-	-	-
Pesticides								
4,4'-DDD	µg/kg	180000	-	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-	-
Petroleum Hydrocarbons								
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-T5*	*U Area-Trench 1*	*U Area-Trench 1*	*U Area-Trench 1*	*U Area-Trench 1*	*U Area-Trench 1*
Sample ID:			*S-AMD-430*	*S-010604-SW-001*	*S-010604-SW-002*	*S-010604-SW-003*	*S-010604-SW-004*	*S-010604-SW-005*
Sample Date:			*9/6/2000*	*1/6/2004*	*1/6/2004*	*1/6/2004*	*1/6/2004*	*1/6/2004*
Sample Depth:			*3-4 ft BGS*	*3.5 ft BGS*	*3.5 ft BGS*	*3.5 ft BGS*	*3.5 ft BGS*	*3.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*						
General Chemistry								
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-	-
Total solids	%	-	74.7	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Trench 1*	*U Area-Trench 1*	*U Area-Trench 1*	*U Area-Trench 1*	*U Area-Trench 1*
Sample ID:			*S-010604-SW-006*	*S-010604-SW-007*	*S-010604-SW-009*	*S-010604-SW-010*	*S-010604-SW-011*
Sample Date:			*1/6/2004*	*1/6/2004*	*1/6/2004*	*1/6/2004*	*1/6/2004*
Sample Depth:			*5.5 ft BGS*	*5.5 ft BGS*	*5.5 ft BGS*	*5.5 ft BGS*	*5.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Volatiles							
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Trench 1*	*U Area-Trench 1*	*U Area-Trench 1*	*U Area-Trench 1*	*U Area-Trench 1*
Sample ID:			*S-010604-SW-006*	*S-010604-SW-007*	*S-010604-SW-009*	*S-010604-SW-010*	*S-010604-SW-011*
Sample Date:			*1/6/2004*	*1/6/2004*	*1/6/2004*	*1/6/2004*	*1/6/2004*
Sample Depth:			*5.5 ft BGS*	*5.5 ft BGS*	*5.5 ft BGS*	*5.5 ft BGS*	*5.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
m&p-Xylenes	µg/kg	-	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Trench 1*	*U Area-Trench 1*	*U Area-Trench 1*	*U Area-Trench 1*	*U Area-Trench 1*
Sample ID:			*S-010604-SW-006*	*S-010604-SW-007*	*S-010604-SW-009*	*S-010604-SW-010*	*S-010604-SW-011*
Sample Date:			*1/6/2004*	*1/6/2004*	*1/6/2004*	*1/6/2004*	*1/6/2004*
Sample Depth:			*5.5 ft BGS*	*5.5 ft BGS*	*5.5 ft BGS*	*5.5 ft BGS*	*5.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
3-Nitroaniline	µg/kg	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Trench 1*	*U Area-Trench 1*	*U Area-Trench 1*	*U Area-Trench 1*	*U Area-Trench 1*
Sample ID:			*S-010604-SW-006*	*S-010604-SW-007*	*S-010604-SW-009*	*S-010604-SW-010*	*S-010604-SW-011*
Sample Date:			*1/6/2004*	*1/6/2004*	*1/6/2004*	*1/6/2004*	*1/6/2004*
Sample Depth:			*5.5 ft BGS*	*5.5 ft BGS*	*5.5 ft BGS*	*5.5 ft BGS*	*5.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
Isophorone	µg/kg	-	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-	-
Metals							
Aluminum	µg/kg	-	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-	-
Calcium	µg/kg	-	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-	-
Iron	µg/kg	-	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-	-
Mercury	µg/kg	5700	**11000**	**22700**	**6500**	**15800**	**8400**
Nickel	µg/kg	10000000	-	-	-	-	-
Potassium	µg/kg	-	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-	-
Sodium	µg/kg	-	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Trench 1*	*U Area-Trench 1*	*U Area-Trench 1*	*U Area-Trench 1*	*U Area-Trench 1*
Sample ID:			*S-010604-SW-006*	*S-010604-SW-007*	*S-010604-SW-009*	*S-010604-SW-010*	*S-010604-SW-011*
Sample Date:			*1/6/2004*	*1/6/2004*	*1/6/2004*	*1/6/2004*	*1/6/2004*
Sample Depth:			*5.5 ft BGS*	*5.5 ft BGS*	*5.5 ft BGS*	*5.5 ft BGS*	*5.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	µg/kg	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	µg/kg	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	µg/kg	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	µg/kg	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	µg/kg	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	µg/kg	-	-	-	-	-	-
Total PCBs	µg/kg	-	-	-	-	-	-
Pesticides							
4,4'-DDD	µg/kg	180000	-	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-	-
Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Trench 1*	*U Area-Trench 1*	*U Area-Trench 1*	*U Area-Trench 1*	*U Area-Trench 1*
Sample ID:			*S-010604-SW-006*	*S-010604-SW-007*	*S-010604-SW-009*	*S-010604-SW-010*	*S-010604-SW-011*
Sample Date:			*1/6/2004*	*1/6/2004*	*1/6/2004*	*1/6/2004*	*1/6/2004*
Sample Depth:			*5.5 ft BGS*	*5.5 ft BGS*	*5.5 ft BGS*	*5.5 ft BGS*	*5.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*					
General Chemistry							
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-
pH	s.u.	-	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Trench 1*	*U Area-Trench 2 (Middle)*	*U Area-Trench 8 (South)*	*U Area-Trench 9 (South)*
Sample ID:			*S-010604-SW-008*	*S-111403-SW-007*	*S-111403-SW-006*	*S-111403-SW-005*
Sample Date:			*1/6/2004*	*11/14/2003*	*11/14/2003*	*11/14/2003*
Sample Depth:			*5.5 ft BGS*	*2-2.5 ft*	*2-2.5 ft*	*2-2.5 ft*
		RUSCO	*Duplicate*			
Parameter	*Units*	*Criteria*				
Volatiles						
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Trench 1*	*U Area-Trench 2 (Middle)*	*U Area-Trench 8 (South)*	*U Area-Trench 9 (South)*
Sample ID:			*S-010604-SW-008*	*S-111403-SW-007*	*S-111403-SW-006*	*S-111403-SW-005*
Sample Date:			*1/6/2004*	*11/14/2003*	*11/14/2003*	*11/14/2003*
Sample Depth:			*5.5 ft BGS*	*2-2.5 ft*	*2-2.5 ft*	*2-2.5 ft*
		RUSCO	*Duplicate*			
Parameter	*Units*	*Criteria*				
m&p-Xylenes	µg/kg	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Trench 1*	*U Area-Trench 2 (Middle)*	*U Area-Trench 8 (South)*	*U Area-Trench 9 (South)*
Sample ID:			*S-010604-SW-008*	*S-111403-SW-007*	*S-111403-SW-006*	*S-111403-SW-005*
Sample Date:			*1/6/2004*	*11/14/2003*	*11/14/2003*	*11/14/2003*
Sample Depth:			*5.5 ft BGS*	*2-2.5 ft*	*2-2.5 ft*	*2-2.5 ft*
		RUSCO	*Duplicate*			
Parameter	*Units*	*Criteria*				
3-Nitroaniline	µg/kg	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Trench 1*	*U Area-Trench 2 (Middle)*	*U Area-Trench 8 (South)*	*U Area-Trench 9 (South)*
Sample ID:			*S-010604-SW-008*	*S-111403-SW-007*	*S-111403-SW-006*	*S-111403-SW-005*
Sample Date:			*1/6/2004*	*11/14/2003*	*11/14/2003*	*11/14/2003*
Sample Depth:			*5.5 ft BGS*	*2-2.5 ft*	*2-2.5 ft*	*2-2.5 ft*
		RUSCO	*Duplicate*			
Parameter	*Units*	*Criteria*				
Isophorone	µg/kg	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-
Metals						
Aluminum	µg/kg	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-
Calcium	µg/kg	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-
Iron	µg/kg	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-
Mercury	µg/kg	5700	2800	-	-	-
Nickel	µg/kg	10000000	-	-	-	-
Potassium	µg/kg	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-
Sodium	µg/kg	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Trench 1*	*U Area-Trench 2 (Middle)*	*U Area-Trench 8 (South)*	*U Area-Trench 9 (South)*
Sample ID:			*S-010604-SW-008*	*S-111403-SW-007*	*S-111403-SW-006*	*S-111403-SW-005*
Sample Date:			*1/6/2004*	*11/14/2003*	*11/14/2003*	*11/14/2003*
Sample Depth:			*5.5 ft BGS*	*2-2.5 ft*	*2-2.5 ft*	*2-2.5 ft*
		RUSCO	*Duplicate*			
Parameter	*Units*	*Criteria*				
PCBs						
Aroclor-1016 (PCB-1016)	µg/kg	-	-	ND (810)	ND (720)	ND (710)
Aroclor-1221 (PCB-1221)	µg/kg	-	-	ND (810)	ND (720)	ND (710)
Aroclor-1232 (PCB-1232)	µg/kg	-	-	ND (810)	ND (720)	ND (710)
Aroclor-1242 (PCB-1242)	µg/kg	-	-	ND (810)	ND (720)	ND (710)
Aroclor-1248 (PCB-1248)	µg/kg	-	-	ND (810)	ND (720)	ND (710)
Aroclor-1254 (PCB-1254)	µg/kg	-	-	ND (810)	500 J	ND (710)
Aroclor-1260 (PCB-1260)	µg/kg	-	-	ND (810)	ND (720)	ND (710)
Total PCBs	µg/kg	-	-	ND	500	ND
Pesticides						
4,4'-DDD	µg/kg	180000	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-
Petroleum Hydrocarbons						
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Trench 1*	*U Area-Trench 2 (Middle)*	*U Area-Trench 8 (South)*	*U Area-Trench 9 (South)*
Sample ID:			*S-010604-SW-008*	*S-111403-SW-007*	*S-111403-SW-006*	*S-111403-SW-005*
Sample Date:			*1/6/2004*	*11/14/2003*	*11/14/2003*	*11/14/2003*
Sample Depth:			*5.5 ft BGS*	*2-2.5 ft*	*2-2.5 ft*	*2-2.5 ft*
		RUSCO	*Duplicate*			
Parameter	*Units*	*Criteria*				
General Chemistry						
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-
Percent moisture	%	-	-	-	-	-
pH	s.u.	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-
Total solids	%	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Trench 10 (South)*	*U Area-Trench 11 (South)*	*U Area-Center Floor*	*U Area-North Floor*
Sample ID:			*S-111403-SW-004*	*S-111403-SW-003*	*S-012904-SW-026*	*S-012904-SW-027*
Sample Date:			*11/14/2003*	*11/14/2003*	*1/29/2004*	*1/29/2004*
Sample Depth:			*2-2.5 ft*	*2-2.5 ft*	*6.5 ft BGS*	*6.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
Volatiles						
1,1,1-Trichloroethane	µg/kg	1000000	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethane	µg/kg	480000	-	-	-	-
1,1-Dichloroethene	µg/kg	1000000	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2,4-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,2-Dichloroethane	µg/kg	60000	-	-	-	-
1,2-Dichloroethene (total)	µg/kg	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-
1,3,5-Trimethylbenzene	µg/kg	380000	-	-	-	-
1,3,5-Trimethylbenzene/p-Ethyltoluene	µg/kg	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1000000	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	µg/kg	1000000	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-
Acetone	µg/kg	1000000	-	-	-	-
Benzene	µg/kg	89000	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-
Carbon tetrachloride	µg/kg	44000	-	-	-	-
Chlorobenzene	µg/kg	1000000	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	700000	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-
Cymene (p-Isopropyltoluene)	µg/kg	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-
Ethylbenzene	µg/kg	780000	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Trench 10 (South)*	*U Area-Trench 11 (South)*	*U Area-Center Floor*	*U Area-North Floor*
Sample ID:			*S-111403-SW-004*	*S-111403-SW-003*	*S-012904-SW-026*	*S-012904-SW-027*
Sample Date:			*11/14/2003*	*11/14/2003*	*1/29/2004*	*1/29/2004*
Sample Depth:			*2-2.5 ft*	*2-2.5 ft*	*6.5 ft BGS*	*6.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
m&p-Xylenes	µg/kg	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1000000	-	-	-	-
Methylene chloride	µg/kg	1000000	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
N-Butylbenzene	µg/kg	1000000	-	-	-	-
N-Propylbenzene	µg/kg	1000000	-	-	-	-
o-Xylene	µg/kg	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-
tert-Butylbenzene	µg/kg	1000000	-	-	-	-
Tetrachloroethene	µg/kg	300000	-	-	-	-
Toluene	µg/kg	1000000	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	1000000	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Trichloroethene	µg/kg	400000	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-
Vinyl chloride	µg/kg	27000	-	-	-	-
Xylenes (total)	µg/kg	1000000	-	-	-	-
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	1000000	-	-	-	-
1,3-Dichlorobenzene	µg/kg	560000	-	-	-	-
1,4-Dichlorobenzene	µg/kg	250000	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-
2-Methylphenol	µg/kg	1000000	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Trench 10 (South)*	*U Area-Trench 11 (South)*	*U Area-Center Floor*	*U Area-North Floor*
Sample ID:			*S-111403-SW-004*	*S-111403-SW-003*	*S-012904-SW-026*	*S-012904-SW-027*
Sample Date:			*11/14/2003*	*11/14/2003*	*1/29/2004*	*1/29/2004*
Sample Depth:			*2-2.5 ft*	*2-2.5 ft*	*6.5 ft BGS*	*6.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
3-Nitroaniline	µg/kg	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Methylphenol	µg/kg	1000000	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-
Acenaphthene	µg/kg	1000000	-	-	-	-
Acenaphthylene	µg/kg	1000000	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-
Anthracene	µg/kg	1000000	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-
Benzo(a)anthracene	µg/kg	11000	-	-	-	-
Benzo(a)pyrene	µg/kg	1100	-	-	-	-
Benzo(b)fluoranthene	µg/kg	11000	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	1000000	-	-	-	-
Benzo(k)fluoranthene	µg/kg	110000	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-
Carbazole	µg/kg	-	-	-	-	-
Chrysene	µg/kg	110000	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	1100	-	-	-	-
Dibenzofuran	µg/kg	1000000	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-
Fluoranthene	µg/kg	1000000	-	-	-	-
Fluorene	µg/kg	1000000	-	-	-	-
Hexachlorobenzene	µg/kg	12000	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	11000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Trench 10 (South)*	*U Area-Trench 11 (South)*	*U Area-Center Floor*	*U Area-North Floor*
Sample ID:			*S-111403-SW-004*	*S-111403-SW-003*	*S-012904-SW-026*	*S-012904-SW-027*
Sample Date:			*11/14/2003*	*11/14/2003*	*1/29/2004*	*1/29/2004*
Sample Depth:			*2-2.5 ft*	*2-2.5 ft*	*6.5 ft BGS*	*6.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
Isophorone	µg/kg	-	-	-	-	-
Naphthalene	µg/kg	1000000	-	-	-	-
Nitrobenzene	µg/kg	140000	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-
Pentachlorophenol	µg/kg	55000	-	-	-	-
Phenanthrene	µg/kg	1000000	-	-	-	-
Phenol	µg/kg	1000000	-	-	-	-
Pyrene	µg/kg	1000000	-	-	-	-
Metals						
Aluminum	µg/kg	-	-	-	-	-
Antimony	µg/kg	-	-	-	-	-
Arsenic	µg/kg	16000	-	-	-	-
Barium	µg/kg	10000000	-	-	-	-
Beryllium	µg/kg	2700000	-	-	-	-
Cadmium	µg/kg	60000	-	-	-	-
Calcium	µg/kg	-	-	-	-	-
Chromium	µg/kg	-	-	-	-	-
Cobalt	µg/kg	-	-	-	-	-
Copper	µg/kg	10000000	-	-	-	-
Iron	µg/kg	-	-	-	-	-
Lead	µg/kg	3900000	-	-	-	-
Magnesium	µg/kg	-	-	-	-	-
Manganese	µg/kg	10000000	-	-	-	-
Mercury	µg/kg	5700	-	-	**8800**	**8300**
Nickel	µg/kg	10000000	-	-	-	-
Potassium	µg/kg	-	-	-	-	-
Selenium	µg/kg	6800000	-	-	-	-
Silver	µg/kg	6800000	-	-	-	-
Sodium	µg/kg	-	-	-	-	-
Thallium	µg/kg	-	-	-	-	-
Vanadium	µg/kg	-	-	-	-	-
Zinc	µg/kg	10000000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

Sample Location:			*U Area-Trench 10 (South)*	*U Area-Trench 11 (South)*	*U Area-Center Floor*	*U Area-North Floor*
Sample ID:			*S-111403-SW-004*	*S-111403-SW-003*	*S-012904-SW-026*	*S-012904-SW-027*
Sample Date:			*11/14/2003*	*11/14/2003*	*1/29/2004*	*1/29/2004*
Sample Depth:			*2-2.5 ft*	*2-2.5 ft*	*6.5 ft BGS*	*6.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
PCBs						
Aroclor-1016 (PCB-1016)	µg/kg	-	ND (720)	ND (640)	-	-
Aroclor-1221 (PCB-1221)	µg/kg	-	ND (720)	ND (640)	-	-
Aroclor-1232 (PCB-1232)	µg/kg	-	ND (720)	ND (640)	-	-
Aroclor-1242 (PCB-1242)	µg/kg	-	ND (720)	ND (640)	-	-
Aroclor-1248 (PCB-1248)	µg/kg	-	ND (720)	ND (640)	-	-
Aroclor-1254 (PCB-1254)	µg/kg	-	790	4400	-	-
Aroclor-1260 (PCB-1260)	µg/kg	-	ND (720)	1400	-	-
Total PCBs	µg/kg	-	790	5800	-	-
Pesticides						
4,4'-DDD	µg/kg	180000	-	-	-	-
4,4'-DDE	µg/kg	120000	-	-	-	-
4,4'-DDT	µg/kg	94000	-	-	-	-
Aldrin	µg/kg	1400	-	-	-	-
alpha-BHC	µg/kg	6800	-	-	-	-
alpha-Chlordane	µg/kg	47000	-	-	-	-
beta-BHC	µg/kg	14000	-	-	-	-
delta-BHC	µg/kg	1000000	-	-	-	-
Dieldrin	µg/kg	2800	-	-	-	-
Endosulfan I	µg/kg	920000	-	-	-	-
Endosulfan II	µg/kg	920000	-	-	-	-
Endosulfan sulfate	µg/kg	920000	-	-	-	-
Endrin	µg/kg	410000	-	-	-	-
Endrin aldehyde	µg/kg	-	-	-	-	-
Endrin ketone	µg/kg	-	-	-	-	-
gamma-BHC (lindane)	µg/kg	23000	-	-	-	-
gamma-Chlordane	µg/kg	-	-	-	-	-
Heptachlor	µg/kg	29000	-	-	-	-
Heptachlor epoxide	µg/kg	-	-	-	-	-
Methoxychlor	µg/kg	-	-	-	-	-
Toxaphene	µg/kg	-	-	-	-	-
Petroleum Hydrocarbons						
Total Petroleum Hydrocarbons - Extractable (DRO)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons - Purgeable (GRO)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C24) Purgeable - GRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons C10-C45 (approx.)	µg/kg	-	-	-	-	-
Total Recoverable Petroleum Hydrocarbons	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SUB SURFACE SOIL SAMPLE DATA
LAUREL HILL

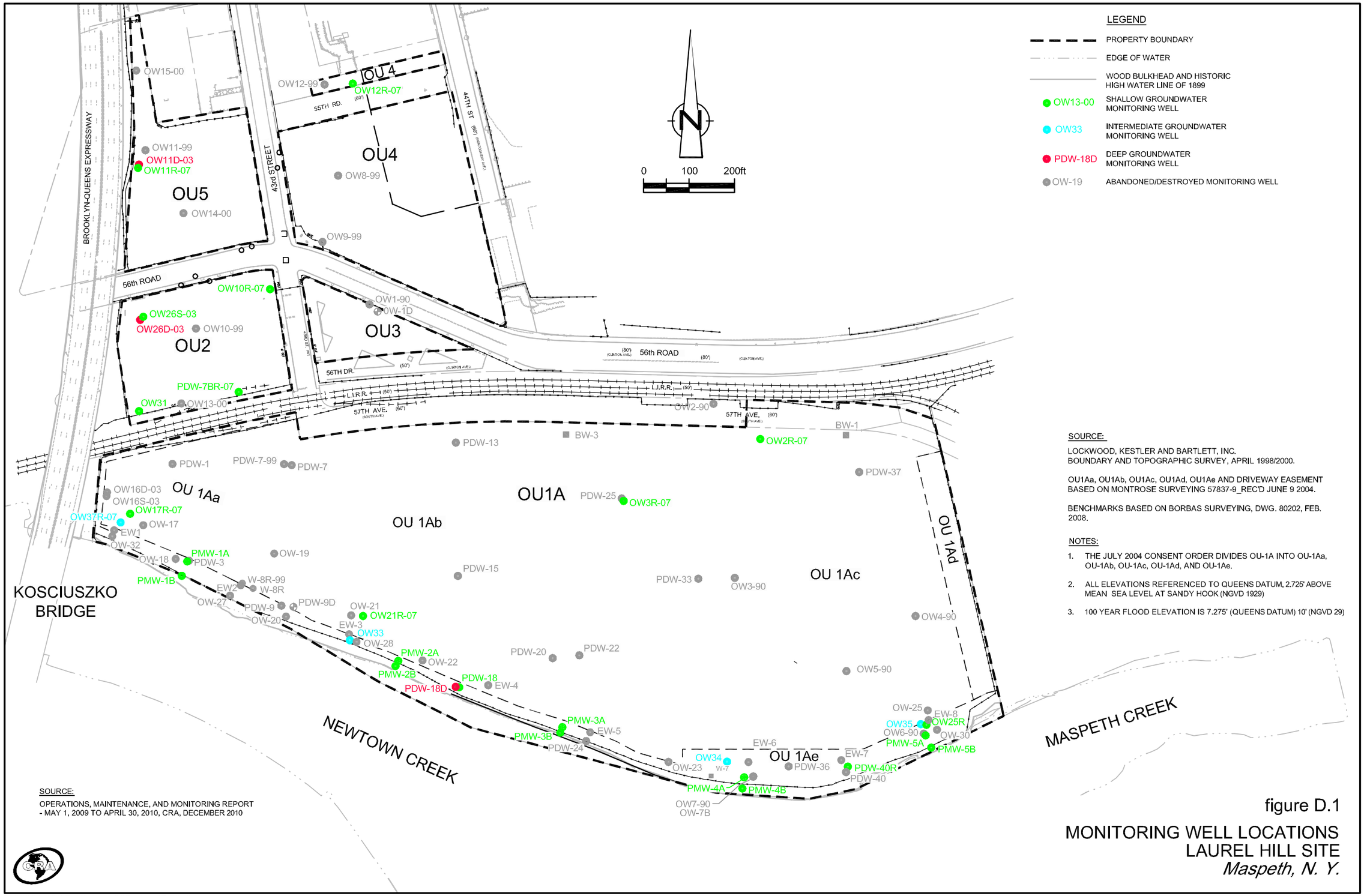
Sample Location:			*U Area-Trench 10 (South)*	*U Area-Trench 11 (South)*	*U Area-Center Floor*	*U Area-North Floor*
Sample ID:			*S-111403-SW-004*	*S-111403-SW-003*	*S-012904-SW-026*	*S-012904-SW-027*
Sample Date:			*11/14/2003*	*11/14/2003*	*1/29/2004*	*1/29/2004*
Sample Depth:			*2-2.5 ft*	*2-2.5 ft*	*6.5 ft BGS*	*6.5 ft BGS*
Parameter	*Units*	*RUSCO Criteria*				
General Chemistry						
Chemical oxygen demand (COD)	µg/kg	-	-	-	-	-
Cyanide (total)	µg/kg	10000000	-	-	-	-
N-Hexane extractable material	µg/kg	-	-	-	-	-
Nitrogen	µg/kg	-	-	-	-	-
Oil and grease	µg/kg	-	-	-	-	-
Oil and grease (HEM), total	µg/kg	-	-	-	-	-
Percent moisture	%	-	-	-	-	-
pH	s.u.	-	-	-	-	-
pH (water)	s.u.	-	-	-	-	-
Total organic carbon (TOC)	µg/kg	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/kg	-	-	-	-	-
Total solids	%	-	-	-	-	-
Total volatile solids	%	-	-	-	-	-

Notes:

* - Duplicate analysis not within control limits.
greater than the Instrument Detection Limits (Inorganics).
B - Method blank contamintion (Organics).
D - Compounds at secondary dilution factor.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
N - Sample recovery not within control limits.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not applicable.
- Exceeds criterion.

ATTACHMENT D

GROUNDWATER SAMPLE DATA



SOURCE:

LOCKWOOD, KESTLER AND BARTLETT, INC.
BOUNDARY AND TOPOGRAPHIC SURVEY, APRIL 1998/2000.

OU1Aa, OU1Ab, OU1Ac, OU1Ad, OU1Ae AND DRIVEWAY EASEMENT BASED ON MONTROSE SURVEYING 57837-9_REC'D JUNE 9 2004.

BENCHMARKS BASED ON BORBAS SURVEYING, DWG. 80202, FEB. 2008.

NOTES:

1. THE JULY 2004 CONSENT ORDER DIVIDES OU-1A INTO OU-1Aa, OU-1Ab, OU-1Ac, OU-1Ad, AND OU-1Ae.
2. ALL ELEVATIONS REFERENCED TO QUEENS DATUM, 2.725' ABOVE MEAN SEA LEVEL AT SANDY HOOK (NGVD 1929)
3. 100 YEAR FLOOD ELEVATION IS 7.275' (QUEENS DATUM) 10' (NGVD 29)

SOURCE:

OPERATIONS, MAINTENANCE, AND MONITORING REPORT - MAY 1, 2009 TO APRIL 30, 2010, CRA, DECEMBER 2010

figure D.1

MONITORING WELL LOCATIONS
LAUREL HILL SITE
Maspeth, N. Y.

02939-40(071)GN-WA025 JAN 27/2012

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:
Sample ID:
Sample Date:

Parameter	*Units*	*New York TOGs Table 1*	*# of Samples*	*# of Detects*	*# of Exceedances*	*Min Detect*	*Max Detect*	*Min ND*	*Max ND*
Volatiles									
1,1,1-Trichloroethane	µg/L	5	321	6	1	2 J	210	ND (10)	ND (10)
1,1,2,2-Tetrachloroethane	µg/L	5	321	0	0	N/A	N/A	ND (10)	ND (10)
1,1,2-Trichloroethane	µg/L	1	321	0	0	N/A	N/A	ND (10)	ND (10)
1,1-Dichloroethane	µg/L	5	321	44	5	1 J	11	ND (10)	ND (10)
1,1-Dichloroethene	µg/L	5	321	0	0	N/A	N/A	ND (10)	ND (10)
1,2,4-Trichlorobenzene	µg/L	5	190	0	0	N/A	N/A	ND (10)	ND (10)
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	0.04	190	0	0	N/A	N/A	ND (10)	ND (10)
1,2-Dibromoethane (Ethylene dibromide)	µg/L	0.0006	190	0	0	N/A	N/A	ND (10)	ND (10)
1,2-Dichlorobenzene	µg/L	3	190	0	0	N/A	N/A	ND (10)	ND (10)
1,2-Dichloroethane	µg/L	0.6	321	0	0	N/A	N/A	ND (10)	ND (10)
1,2-Dichloroethene (total)	µg/L	-	130	6	N/A	1 J	2 J	ND (10)	ND (10)
1,2-Dichloropropane	µg/L	1	321	0	0	N/A	N/A	ND (10)	ND (10)
1,3-Dichlorobenzene	µg/L	3	190	0	0	N/A	N/A	ND (10)	ND (10)
1,4-Dichlorobenzene	µg/L	3	190	0	0	N/A	N/A	ND (10)	ND (10)
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	-	322	20	N/A	1 J	45	ND (10)	ND (10)
2-Hexanone	µg/L	-	321	0	N/A	N/A	N/A	ND (10)	ND (10)
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	-	321	0	N/A	N/A	N/A	ND (10)	ND (10)
Acetone	µg/L	-	328	48	N/A	1 J	77	ND (10) J	ND (18) U
Benzene	µg/L	1	324	7	6	1 J	270	ND (10)	ND (10)
Bromodichloromethane	µg/L	-	321	0	N/A	N/A	N/A	ND (10)	ND (10)
Bromoform	µg/L	-	321	0	N/A	N/A	N/A	ND (10)	ND (10)
Bromomethane (Methyl bromide)	µg/L	5	321	0	0	N/A	N/A	ND (10)	ND (10)
Carbon disulfide	µg/L	60	321	3	0	1 J	5 J	ND (10)	ND (10)
Carbon tetrachloride	µg/L	5	321	0	0	N/A	N/A	ND (10)	ND (10)
Chlorobenzene	µg/L	5	321	1	0	1 J	1 J	ND (10)	ND (10)
Chloroethane	µg/L	5	321	0	0	N/A	N/A	ND (10)	ND (10)
Chloroform (Trichloromethane)	µg/L	7	324	6	2	1 J	25	ND (5)	ND (10)
Chloromethane (Methyl chloride)	µg/L	5	321	0	0	N/A	N/A	ND (10)	ND (10)
cis-1,2-Dichloroethene	µg/L	5	191	0	0	N/A	N/A	ND (10)	ND (10)
cis-1,3-Dichloropropene	µg/L	-	321	0	N/A	N/A	N/A	ND (10)	ND (10)
Cyclohexane	µg/L	-	190	0	N/A	N/A	N/A	ND (10)	ND (10)
Dibromochloromethane	µg/L	-	321	0	N/A	N/A	N/A	ND (10)	ND (10)
Dichlorodifluoromethane (CFC-12)	µg/L	5	190	0	0	N/A	N/A	ND (10)	ND (10)
Ethylbenzene	µg/L	5	321	1	0	1 J	1 J	ND (10)	ND (10)
Isopropyl benzene	µg/L	5	190	0	0	N/A	N/A	ND (10)	ND (10)
m&p-Xylenes	µg/L	-	191	1	N/A	3 J	3 J	ND (10)	ND (10)
Methyl acetate	µg/L	-	190	0	N/A	N/A	N/A	ND (10)	ND (10)
Methyl cyclohexane	µg/L	-	190	0	N/A	N/A	N/A	ND (10)	ND (10)
Methyl tert butyl ether (MTBE)	µg/L	-	266	3	N/A	1 J	3 J	ND (10)	ND (10)
Methylene chloride	µg/L	5	322	2	1	1 J	10	ND (10)	ND (10)
o-Xylene	µg/L	5	191	1	0	1 J	1 J	ND (10)	ND (10)
Styrene	µg/L	5	321	0	0	N/A	N/A	ND (10)	ND (10)
Tetrachloroethene	µg/L	5	321	27	15	1 J	77	ND (10)	ND (10)
Toluene	µg/L	5	324	8	3	1 J	25	ND (10)	ND (10)
trans-1,2-Dichloroethene	µg/L	5	191	0	0	N/A	N/A	ND (10)	ND (10)
trans-1,3-Dichloropropene	µg/L	-	321	0	N/A	N/A	N/A	ND (10)	ND (10)
Trichloroethene	µg/L	5	321	25	0	1 J	4 J	ND (10)	ND (10)
Trichlorofluoromethane (CFC-11)	µg/L	5	190	0	0	N/A	N/A	ND (10)	ND (10)
Trifluorotrichloroethane (Freon 113)	µg/L	5	190	0	0	N/A	N/A	ND (10)	ND (10)
Vinyl chloride	µg/L	2	321	0	0	N/A	N/A	ND (10)	ND (10)
Xylenes (total)	µg/L	-	130	3	N/A	2 J	9 J	ND (10)	ND (10)
Semi-Volatiles									
1,2,4-Trichlorobenzene	µg/L	5	131	0	0	N/A	N/A	ND (9.9)	ND (11)
1,2-Dichlorobenzene	µg/L	3	131	0	0	N/A	N/A	ND (9.9)	ND (11)
1,3-Dichlorobenzene	µg/L	3	131	0	0	N/A	N/A	ND (9.9)	ND (11)
1,4-Dichlorobenzene	µg/L	3	131	0	0	N/A	N/A	ND (9.9)	ND (11)
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	5	321	0	0	N/A	N/A	ND (9.9)	ND (20)

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:
Sample ID:
Sample Date:

Parameter	*Units*	*New York TOGs Table 1*	*# of Samples*	*# of Detects*	*# of Exceedances*	*Min Detect*	*Max Detect*	*Min ND*	*Max ND*
2,4,5-Trichlorophenol	µg/L	-	321	0	N/A	N/A	N/A	ND (9.9)	ND (50)
2,4,6-Trichlorophenol	µg/L	-	321	0	N/A	N/A	N/A	ND (9.9)	ND (20)
2,4-Dichlorophenol	µg/L	5	321	0	0	N/A	N/A	ND (9.9)	ND (20)
2,4-Dimethylphenol	µg/L	-	321	2	N/A	1 J	1 J	ND (9.9)	ND (20)
2,4-Dinitrophenol	µg/L	-	321	0	N/A	N/A	N/A	ND (25)	ND (53)
2,4-Dinitrotoluene	µg/L	5	321	0	0	N/A	N/A	ND (9.9)	ND (20)
2,6-Dinitrotoluene	µg/L	5	321	0	0	N/A	N/A	ND (9.9)	ND (20)
2-Chloronaphthalene	µg/L	-	321	0	N/A	N/A	N/A	ND (9.9)	ND (20)
2-Chlorophenol	µg/L	-	321	0	N/A	N/A	N/A	ND (9.9)	ND (20)
2-Methylnaphthalene	µg/L	-	322	4	N/A	1 J	29	ND (9.9)	ND (20)
2-Methylphenol	µg/L	-	321	0	N/A	N/A	N/A	ND (9.9)	ND (20)
2-Nitroaniline	µg/L	5	321	0	0	N/A	N/A	ND (25)	ND (53)
2-Nitrophenol	µg/L	-	321	0	N/A	N/A	N/A	ND (9.9)	ND (20)
3,3'-Dichlorobenzidine	µg/L	5	321	0	0	N/A	N/A	ND (10)	ND (53)
3-Nitroaniline	µg/L	5	321	0	0	N/A	N/A	ND (25)	ND (53)
4,6-Dinitro-2-methylphenol	µg/L	-	321	0	N/A	N/A	N/A	ND (10)	ND (53)
4-Bromophenyl phenyl ether	µg/L	-	321	0	N/A	N/A	N/A	ND (9.9)	ND (20)
4-Chloro-3-methylphenol	µg/L	-	321	0	N/A	N/A	N/A	ND (9.9)	ND (20)
4-Chloroaniline	µg/L	5	321	0	0	N/A	N/A	ND (9.9)	ND (20)
4-Chlorophenyl phenyl ether	µg/L	-	321	0	N/A	N/A	N/A	ND (9.9)	ND (20)
4-Methylphenol	µg/L	-	321	2	N/A	1 J	12	ND (9.9)	ND (20) UJ
4-Nitroaniline	µg/L	5	321	0	0	N/A	N/A	ND (25)	ND (53)
4-Nitrophenol	µg/L	-	321	0	N/A	N/A	N/A	ND (25)	ND (53)
Acenaphthene	µg/L	-	321	7	N/A	1 J	7 J	ND (9.9)	ND (20)
Acenaphthylene	µg/L	-	321	0	N/A	N/A	N/A	ND (9.9)	ND (20)
Acetophenone	µg/L	-	190	0	N/A	N/A	N/A	ND (10)	ND (20)
Anthracene	µg/L	-	321	2	N/A	1 J	3 J	ND (9.9)	ND (20)
Atrazine	µg/L	7.5	190	0	0	N/A	N/A	ND (10) UJ	ND (20) UJ
Benzaldehyde	µg/L	-	190	0	N/A	N/A	N/A	ND (10) UJ	ND (20) UJ
Benzo(a)anthracene	µg/L	-	321	1	N/A	2 J	2 J	ND (9.9)	ND (20)
Benzo(a)pyrene	µg/L	-	321	1	N/A	2 J	2 J	ND (9.9)	ND (20)
Benzo(b)fluoranthene	µg/L	-	321	1	N/A	2 J	2 J	ND (9.9)	ND (20) UJ
Benzo(g,h,i)perylene	µg/L	-	321	2	N/A	1 J	2 J	ND (9.9)	ND (20)
Benzo(k)fluoranthene	µg/L	-	321	1	N/A	2 J	2 J	ND (9.9)	ND (20)
Biphenyl (1,1-Biphenyl)	µg/L	5	190	0	0	N/A	N/A	ND (10)	ND (20)
bis(2-Chloroethoxy)methane	µg/L	5	321	0	0	N/A	N/A	ND (9.9)	ND (20)
bis(2-Chloroethyl)ether	µg/L	1	321	0	0	N/A	N/A	ND (9.9)	ND (20)
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	5	323	32	14	1 J	44	ND (9.9)	ND (20)
Butyl benzylphthalate (BBP)	µg/L	-	321	3	N/A	1 J	2 J	ND (9.9)	ND (20)
Caprolactam	µg/L	-	190	2	N/A	9 J	10	ND (10)	ND (20)
Carbazole	µg/L	-	321	2	N/A	0.58 J	2 J	ND (9.9)	ND (20)
Chrysene	µg/L	-	321	2	N/A	2 J	3 J	ND (9.9)	ND (20)
Dibenz(a,h)anthracene	µg/L	-	321	0	N/A	N/A	N/A	ND (9.9)	ND (20)
Dibenz(a,j)acridine	µg/L	-	1	0	N/A	N/A	N/A	ND (10)	ND (10)
Dibenzo(a,i)pyrene	µg/L	-	1	0	N/A	N/A	N/A	ND (10)	ND (10)
Dibenzofuran	µg/L	-	321	3	N/A	1 J	4.4 J	ND (9.9)	ND (20)
Diethyl phthalate	µg/L	-	321	15	N/A	0.76 J	44	ND (9.9)	ND (20)
Dimethyl phthalate	µg/L	-	321	0	N/A	N/A	N/A	ND (9.9)	ND (20)
Di-n-butylphthalate (DBP)	µg/L	50	321	14	0	0.89 J	2 J	ND (9.9)	ND (20)
Di-n-octyl phthalate (DnOP)	µg/L	-	321	4	N/A	2 J	4 J	ND (9.9)	ND (20)
Fluoranthene	µg/L	-	322	13	N/A	1 J	11	ND (9.9)	ND (20)
Fluorene	µg/L	-	321	2	N/A	2 J	3.9 J	ND (9.9)	ND (20)
Hexachlorobenzene	µg/L	0.04	321	0	0	N/A	N/A	ND (9.9)	ND (20)
Hexachlorobutadiene	µg/L	0.5	321	0	0	N/A	N/A	ND (9.9)	ND (20)
Hexachlorocyclopentadiene	µg/L	5	321	0	0	N/A	N/A	ND (10)	ND (53)
Hexachloroethane	µg/L	5	321	0	0	N/A	N/A	ND (9.9)	ND (20)
Indeno(1,2,3-cd)pyrene	µg/L	-	321	1	N/A	1 J	1 J	ND (9.9)	ND (20)
Isophorone	µg/L	-	321	1	N/A	1 J	1 J	ND (9.9)	ND (20)
Naphthalene	µg/L	-	326	7	N/A	1 J	10	ND (9.9)	ND (20)

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:
Sample ID:
Sample Date:

Parameter	*Units*	*New York TOGs Table 1*	*# of Samples*	*# of Detects*	*# of Exceedances*	*Min Detect*	*Max Detect*	*Min ND*	*Max ND*
Nitrobenzene	µg/L	0.4	321	0	0	N/A	N/A	ND (9.9)	ND (20)
N-Nitrosodi-n-propylamine	µg/L	-	321	0	N/A	N/A	N/A	ND (9.9)	ND (20)
N-Nitrosodiphenylamine	µg/L	-	321	0	N/A	N/A	N/A	ND (9.9)	ND (20)
Pentachlorophenol	µg/L	1	321	0	0	N/A	N/A	ND (25)	ND (53)
Phenanthrene	µg/L	-	322	7	N/A	1 J	18	ND (9.9)	ND (20)
Phenol	µg/L	1	325	7	6	1 J	20	ND (9.9)	ND (20)
Pyrene	µg/L	-	322	14	N/A	1 J	10	ND (9.9)	ND (20)
Metals									
Aluminum	µg/L	-	373	252	N/A	10.2	825000	ND (7.5)	ND (599) U
Aluminum (dissolved)	µg/L	-	304	88	N/A	7.8	7230	ND (6.0)	ND (285) UJ
Antimony	µg/L	3	376	152	139	1.6	933	ND (1.5)	ND (60)
Antimony (dissolved)	µg/L	3	305	87	73	2	587	ND (1.5)	ND (60)
Arsenic	µg/L	25	381	261	133	1.8	10000	ND (1.8)	ND (31.1) U
Arsenic (dissolved)	µg/L	25	305	184	68	1.2 B	1920	ND (1)	ND (13.8) U
Barium	µg/L	1000	378	376	14	3.5	4220	ND (6.5) U(DT)	ND (200)
Barium (dissolved)	µg/L	1000	305	288	0	5	291	ND (0.5)	ND (200)
Beryllium	µg/L	-	377	114	N/A	0.12	39.4	ND (0.096)	ND (17.1)
Beryllium (dissolved)	µg/L	-	305	37	N/A	0.10 J	2.1	ND (0.096)	ND (5)
Cadmium	µg/L	5	486	347	189	0.27	1240	ND (0.20)	ND (17.6)
Cadmium (dissolved)	µg/L	5	397	227	119	0.35 J	416 J	ND (0.20)	ND (10)
Calcium	µg/L	-	374	373	N/A	25800	712000	ND (394000) U(DT)	ND (394000) U(DT)
Calcium (dissolved)	µg/L	-	305	292	N/A	19100	705000	ND (69300) U	ND (411000) U
Chromium	µg/L	50	385	232	40	0.33	17700	ND (0.33)	ND (10.2) U
Chromium Total (dissolved)	µg/L	50	309	79	0	0.45	31	ND (0.33)	ND (10)
Chromium VI (hexavalent)	µg/L	50	67	0	0	N/A	N/A	ND (0.05)	ND (20)
Chromium VI (hexavalent) (dissolved)	µg/L	50	47	0	0	N/A	N/A	ND (0.05)	ND (20)
Cobalt	µg/L	-	374	323	N/A	0.69 J	2060	ND (0.33)	ND (3.6) U
Cobalt (dissolved)	µg/L	-	305	244	N/A	0.61	863	ND (0.33)	ND (5.5)
Copper	µg/L	200	381	365	166	1.2 J	162000	ND (0.64) U	ND (10.1) U
Copper (dissolved)	µg/L	200	309	224	49	0.93	54200	ND (0.62) UJ	ND (25.6) U
Iron	µg/L	300	374	355	306	7.3	1010000	ND (20.7)	ND (606) U
Iron (dissolved)	µg/L	300	305	228	133	2.6	256000	ND (3.6)	ND (2570) U
Lead	µg/L	25	486	333	170	0.78 J	13200	ND (0.70)	ND (11.3) U
Lead (dissolved)	µg/L	25	419	128	37	0.98 J	847	ND (0.70) UJ	ND (23.5)
Magnesium	µg/L	-	374	372	N/A	343 J	657000	ND (403) U	ND (29900) U(DT)
Magnesium (dissolved)	µg/L	-	305	296	N/A	322	621000 J	ND (273) U	ND (42900) U
Manganese	µg/L	300	374	372	215	0.87	22800	ND (0.29)	ND (2.1) U
Manganese (dissolved)	µg/L	300	305	291	152	0.42	19000 E	ND (0.29) UJ	ND (6.4)
Mercury	µg/L	0.7	385	115	45	0.10 J	128	ND (0.10)	ND (0.4)
Mercury (dissolved)	µg/L	0.7	305	4	0	0.1	0.39	ND (0.10)	ND (0.2)
Nickel	µg/L	100	381	365	183	1.3	66000	ND (1.2)	ND (16.3) U
Nickel (dissolved)	µg/L	100	309	287	134	0.68	61900	ND (1.2)	ND (22.0) U
Potassium	µg/L	-	374	374	N/A	2730 J	355000	N/A	N/A
Potassium (dissolved)	µg/L	-	305	303	N/A	2590 J	381000	ND (12900) U	ND (14200) U
Selenium	µg/L	10	381	234	156	2	7250 J	ND (1.6)	ND (12)
Selenium (dissolved)	µg/L	10	305	174	99	1.3 B	1390	ND (1.2)	ND (18.9) U
Silver	µg/L	50	381	139	7	0.43	260	ND (0.32)	ND (22.7)
Silver (dissolved)	µg/L	50	305	84	0	0.38 J	15.3	ND (0.32)	ND (10)
Sodium	µg/L	20000	374	374	343	8530	6440000	N/A	N/A
Sodium (dissolved)	µg/L	20000	305	299	265	9190	6800000	ND (47700) U	ND (129000) U
Thallium	µg/L	-	377	54	N/A	1 B	16.1	ND (1)	ND (13.4)
Thallium (dissolved)	µg/L	-	305	30	N/A	1.8 B	15.9 J	ND (1)	ND (10)
Vanadium	µg/L	-	374	231	N/A	0.58	3510	ND (0.29)	ND (50)
Vanadium (dissolved)	µg/L	-	305	84	N/A	0.39	80.7	ND (0.29)	ND (50)
Zinc	µg/L	-	381	358	N/A	3.4	84400	ND (1.1)	ND (1110)
Zinc (dissolved)	µg/L	-	309	256	N/A	1.1	32100	ND (3.1)	ND (132) U

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:
Sample ID:
Sample Date:

Parameter	*Units*	*New York TOGs Table 1*	*# of Samples*	*# of Detects*	*# of Exceedances*	*Min Detect*	*Max Detect*	*Min ND*	*Max ND*
PCBs									
Aroclor-1016 (PCB-1016)	µg/L	-	329	0	N/A	N/A	N/A	ND (0.065)	ND (1.0)
Aroclor-1221 (PCB-1221)	µg/L	-	329	0	N/A	N/A	N/A	ND (0.065)	ND (2.0)
Aroclor-1232 (PCB-1232)	µg/L	-	329	0	N/A	N/A	N/A	ND (0.065)	ND (1.0)
Aroclor-1242 (PCB-1242)	µg/L	-	330	1	N/A	2.1	2.1	ND (0.065)	ND (1.0)
Aroclor-1248 (PCB-1248)	µg/L	-	329	0	N/A	N/A	N/A	ND (0.065)	ND (1.0)
Aroclor-1254 (PCB-1254)	µg/L	-	329	0	N/A	N/A	N/A	ND (0.065)	ND (1.01)
Aroclor-1260 (PCB-1260)	µg/L	-	331	3	N/A	0.08 J	2.2	ND (0.065)	ND (1.0)
Total PCBs	µg/L	-	332	4	N/A	0.08	2.2	ND	ND
Pesticides									
4,4'-DDD	µg/L	0.3	90	0	0	N/A	N/A	ND (0.10)	ND (0.10)
4,4'-DDE	µg/L	0.2	90	0	0	N/A	N/A	ND (0.10)	ND (0.10)
4,4'-DDT	µg/L	0.2	90	0	0	N/A	N/A	ND (0.10)	ND (0.10)
Aldrin	µg/L	-	90	0	N/A	N/A	N/A	ND (0.050)	ND (0.050)
alpha-BHC	µg/L	0.01	90	2	2	0.032 JP	0.05	ND (0.050)	ND (0.050)
alpha-Chlordane	µg/L	-	90	1	N/A	0.035	0.035	ND (0.050)	ND (0.050)
beta-BHC	µg/L	0.04	90	1	1	0.041	0.041	ND (0.050)	ND (0.050)
delta-BHC	µg/L	0.04	90	0	0	N/A	N/A	ND (0.050)	ND (0.050)
Dieldrin	µg/L	0.004	90	0	0	N/A	N/A	ND (0.10)	ND (0.10)
Endosulfan I	µg/L	-	90	1	N/A	0.025 JP	0.025 JP	ND (0.050)	ND (0.050)
Endosulfan II	µg/L	-	90	0	N/A	N/A	N/A	ND (0.10)	ND (0.10)
Endosulfan sulfate	µg/L	-	90	0	N/A	N/A	N/A	ND (0.10)	ND (0.10)
Endrin	µg/L	-	91	1	N/A	0.17	0.17	ND (0.10)	ND (0.10)
Endrin aldehyde	µg/L	5	95	5	0	0.057	0.24	ND (0.10)	ND (0.10)
Endrin ketone	µg/L	5	90	0	0	N/A	N/A	ND (0.10)	ND (0.10)
gamma-BHC (lindane)	µg/L	0.05	90	1	0	0.034	0.034	ND (0.050)	ND (0.050)
gamma-Chlordane	µg/L	-	90	1	N/A	0.026 JP	0.026 JP	ND (0.050)	ND (0.050)
Heptachlor	µg/L	0.04	90	0	0	N/A	N/A	ND (0.050)	ND (0.050)
Heptachlor epoxide	µg/L	0.03	90	0	0	N/A	N/A	ND (0.050)	ND (0.050)
Methoxychlor	µg/L	35	90	0	0	N/A	N/A	ND (0.50)	ND (0.50)
Toxaphene	µg/L	0.06	90	0	0	N/A	N/A	ND (5.0)	ND (5.0)
General Chemistry									
Alkalinity, total (as CaCO3)	µg/L	-	21	21	N/A	52400	1150000	N/A	N/A
Ammonia-N	µg/L	-	13	11	N/A	130 J	7380	ND (100)	ND (100)
Biochemical oxygen demand (BOD)	µg/L	-	4	1	N/A	2000	2000	ND (2000)	ND (2000)
Biochemical oxygen demand (carbonaceous)	µg/L	-	5	2	N/A	2000	4000	ND (2000)	ND (2000)
Calcium carbonate	µg/L	-	21	21	N/A	270000	3300000	N/A	N/A
Chemical oxygen demand (COD)	µg/L	-	4	1	N/A	23600	23600	ND (10000)	ND (10000)
Chloride	µg/L	250000	364	364	125	1.7	19800000	N/A	N/A
Conductivity	µmhos/cm	-	36	36	N/A	300	17500	N/A	N/A
Cyanide (amenable)	µg/L	-	21	0	N/A	N/A	N/A	ND (10)	ND (10)
Cyanide (dissolved)	µg/L	-	41	1	N/A	101	101	ND (10.0)	ND (10.0)
Cyanide (total)	µg/L	200	119	16	1	1.2 B	536	ND (0.9)	ND (20)
Ignitability	deg C	-	14	0	N/A	N/A	N/A	ND (60) >	ND (60) >
Nitrate (as N)	µg/L	10000	21	4	0	110	280	ND (100)	ND (100)
Nitrite (as N)	µg/L	1000	21	2	0	210	370	ND (100)	ND (100)
Nitrite/Nitrate	µg/L	10000	5	4	0	110	1140	ND (100)	ND (100)
Nitrogen	µg/L	-	5	5	N/A	200	8800	N/A	N/A
pH	s.u.	6.5-8.5	36	36	10	5.97	7.7	N/A	N/A
pH (water)	s.u.	6.5-8.5	29	29	3	6.1	7.4	N/A	N/A
pH corrosivity	s.u.	-	49	49	N/A	3.99 E	8.27	N/A	N/A
Reactive cyanide	µg/L	-	42	0	N/A	N/A	N/A	ND (0.05)	ND (0.05)
Reactive sulfide	µg/L	-	42	15	N/A	1.04	5.8	ND (1)	ND (1)
Sulfate	µg/L	250000	40	40	29	158000	3190000	N/A	N/A
Sulfide	µg/L	-	20	9	N/A	800	5000	ND (500)	ND (500)
Total dissolved solids (TDS)	µg/L	500000	64	64	18	2	9520000	N/A	N/A

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:
Sample ID:
Sample Date:

Parameter	*Units*	*New York TOGs Table 1*	*# of Samples*	*# of Detects*	*# of Exceedances*	*Min Detect*	*Max Detect*	*Min ND*	*Max ND*
Total kjeldahl nitrogen (TKN)	µg/L	-	26	25	N/A	140	16100	ND (100)	ND (100)
Total organic carbon (TOC)	µg/L	-	21	21	N/A	2000	7800	N/A	N/A
Total Petroleum Hydrocarbons	µg/L	-	42	36	N/A	0.111	156	ND (0.1)	ND (0.114)
Total Petroleum Hydrocarbons - Non-Polar Material - SGT HEM	µg/L	-	25	0	N/A	N/A	N/A	ND (5000)	ND (5000)
Total solids	µg/L	-	4	4	N/A	443000	2460000	N/A	N/A
Total suspended solids (TSS)	µg/L	-	29	20	N/A	10000	1150000	ND (10000)	ND (10000)
Field Parameters									
Conductivity, field	mS/cm	-	44	44	N/A	0.328	55.7	N/A	N/A
Dissolved oxygen (DO), field	µg/L	-	44	44	N/A	0	18200	N/A	N/A
Oxidation reduction potential (ORP), field	millivolts	-	44	44	N/A	-352	219	N/A	N/A
pH, field	s.u.	6.5-8.5	44	44	26	4.98	10.78	N/A	N/A
Salinity	%	-	44	44	N/A	0	10.1	N/A	N/A
Temperature, field	deg C	-	80	80	N/A	-1.16	28.81	N/A	N/A
Turbidity	NTU	5	44	44	19	0	317	N/A	N/A

Notes:
(DT) - Analytical results for total and dissolved metals were originally reversed in the original analytical data package, and have been corrected in this table.
> - Greater than amount reported.
B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.
E - Reported values is estimated due to the presence of interference.
J - Estimated.
ND - Non-detect at associated value.
P - Diference for detected Aroclor > 25% between 2 GC columns.
R - Rejected.
S - Value determined by the method of standard addition.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
W - Post-digestion spike out of control limits.
- - Not applicable.

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:				*Bldg.39-Grid 10*	*Bldg.39-Grid 12*
Sample ID:				*GW-111003-SW-002*	*GW-111003-SW-004*
Sample Date:				*11/10/2003*	*11/10/2003*
Parameter	*Units*	*New York TOGs Table 1*	*Max Location*		
Volatiles					
1,1,1-Trichloroethane	µg/L	5	OW14-00	-	-
1,1,2,2-Tetrachloroethane	µg/L	5	N/A	-	-
1,1,2-Trichloroethane	µg/L	1	N/A	-	-
1,1-Dichloroethane	µg/L	5	OW14-00	-	-
1,1-Dichloroethene	µg/L	5	N/A	-	-
1,2,4-Trichlorobenzene	µg/L	5	N/A	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	0.04	N/A	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/L	0.0006	N/A	-	-
1,2-Dichlorobenzene	µg/L	3	N/A	-	-
1,2-Dichloroethane	µg/L	0.6	N/A	-	-
1,2-Dichloroethene (total)	µg/L	-	OW10-99	-	-
1,2-Dichloropropane	µg/L	1	N/A	-	-
1,3-Dichlorobenzene	µg/L	3	N/A	-	-
1,4-Dichlorobenzene	µg/L	3	N/A	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	-	OW26D-03	-	-
2-Hexanone	µg/L	-	N/A	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	-	N/A	-	-
Acetone	µg/L	-	PDW-18	-	-
Benzene	µg/L	1	PDW-33	-	-
Bromodichloromethane	µg/L	-	N/A	-	-
Bromoform	µg/L	-	N/A	-	-
Bromomethane (Methyl bromide)	µg/L	5	N/A	-	-
Carbon disulfide	µg/L	60	PDW-20	-	-
Carbon tetrachloride	µg/L	5	N/A	-	-
Chlorobenzene	µg/L	5	PMW-4A	-	-
Chloroethane	µg/L	5	N/A	-	-
Chloroform (Trichloromethane)	µg/L	7	BW-1	-	-
Chloromethane (Methyl chloride)	µg/L	5	N/A	-	-
cis-1,2-Dichloroethene	µg/L	5	N/A	-	-
cis-1,3-Dichloropropene	µg/L	-	N/A	-	-
Cyclohexane	µg/L	-	N/A	-	-
Dibromochloromethane	µg/L	-	N/A	-	-
Dichlorodifluoromethane (CFC-12)	µg/L	5	N/A	-	-
Ethylbenzene	µg/L	5	OW15-00	-	-
Isopropyl benzene	µg/L	5	N/A	-	-
m&p-Xylenes	µg/L	-	PMW-5A	-	-
Methyl acetate	µg/L	-	N/A	-	-
Methyl cyclohexane	µg/L	-	N/A	-	-
Methyl tert butyl ether (MTBE)	µg/L	-	EW2	-	-
Methylene chloride	µg/L	5	PDW-7	-	-
o-Xylene	µg/L	5	PMW-5A	-	-
Styrene	µg/L	5	N/A	-	-
Tetrachloroethene	µg/L	5	OW12R-07	-	-
Toluene	µg/L	5	PDW-13	-	-
trans-1,2-Dichloroethene	µg/L	5	N/A	-	-
trans-1,3-Dichloropropene	µg/L	-	N/A	-	-
Trichloroethene	µg/L	5	OW11D-03/OW15-00	-	-
Trichlorofluoromethane (CFC-11)	µg/L	5	N/A	-	-
Trifluorotrichloroethane (Freon 113)	µg/L	5	N/A	-	-
Vinyl chloride	µg/L	2	N/A	-	-
Xylenes (total)	µg/L	-	OW15-00	-	-
Semi-Volatiles					
1,2,4-Trichlorobenzene	µg/L	5	N/A	-	-
1,2-Dichlorobenzene	µg/L	3	N/A	-	-
1,3-Dichlorobenzene	µg/L	3	N/A	-	-
1,4-Dichlorobenzene	µg/L	3	N/A	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	5	N/A	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:				*Bldg.39-Grid 10*	*Bldg.39-Grid 12*
Sample ID:				*GW-111003-SW-002*	*GW-111003-SW-004*
Sample Date:				*11/10/2003*	*11/10/2003*
Parameter	*Units*	*New York TOGs Table 1*	*Max Location*		
2,4,5-Trichlorophenol	µg/L	-	N/A	-	-
2,4,6-Trichlorophenol	µg/L	-	N/A	-	-
2,4-Dichlorophenol	µg/L	5	N/A	-	-
2,4-Dimethylphenol	µg/L	-	OW15-00/OW33	-	-
2,4-Dinitrophenol	µg/L	-	N/A	-	-
2,4-Dinitrotoluene	µg/L	5	N/A	-	-
2,6-Dinitrotoluene	µg/L	5	N/A	-	-
2-Chloronaphthalene	µg/L	-	N/A	-	-
2-Chlorophenol	µg/L	-	N/A	-	-
2-Methylnaphthalene	µg/L	-	PDW-22	-	-
2-Methylphenol	µg/L	-	N/A	-	-
2-Nitroaniline	µg/L	5	N/A	-	-
2-Nitrophenol	µg/L	-	N/A	-	-
3,3'-Dichlorobenzidine	µg/L	5	N/A	-	-
3-Nitroaniline	µg/L	5	N/A	-	-
4,6-Dinitro-2-methylphenol	µg/L	-	N/A	-	-
4-Bromophenyl phenyl ether	µg/L	-	N/A	-	-
4-Chloro-3-methylphenol	µg/L	-	N/A	-	-
4-Chloroaniline	µg/L	5	N/A	-	-
4-Chlorophenyl phenyl ether	µg/L	-	N/A	-	-
4-Methylphenol	µg/L	-	OW40	-	-
4-Nitroaniline	µg/L	5	N/A	-	-
4-Nitrophenol	µg/L	-	N/A	-	-
Acenaphthene	µg/L	-	PDW-36	-	-
Acenaphthylene	µg/L	-	N/A	-	-
Acetophenone	µg/L	-	N/A	-	-
Anthracene	µg/L	-	PDW-36	-	-
Atrazine	µg/L	7.5	N/A	-	-
Benzaldehyde	µg/L	-	N/A	-	-
Benzo(a)anthracene	µg/L	-	PDW-36	-	-
Benzo(a)pyrene	µg/L	-	PDW-36	-	-
Benzo(b)fluoranthene	µg/L	-	PDW-36	-	-
Benzo(g,h,i)perylene	µg/L	-	OW34	-	-
Benzo(k)fluoranthene	µg/L	-	PDW-36	-	-
Biphenyl (1,1-Biphenyl)	µg/L	5	N/A	-	-
bis(2-Chloroethoxy)methane	µg/L	5	N/A	-	-
bis(2-Chloroethyl)ether	µg/L	1	N/A	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	5	OW1/PDW-33	-	-
Butyl benzylphthalate (BBP)	µg/L	-	OW1	-	-
Caprolactam	µg/L	-	PMW-3B	-	-
Carbazole	µg/L	-	PDW-36	-	-
Chrysene	µg/L	-	PDW-36	-	-
Dibenz(a,h)anthracene	µg/L	-	N/A	-	-
Dibenz(a,j)acridine	µg/L	-	N/A	-	-
Dibenzo(a,i)pyrene	µg/L	-	N/A	-	-
Dibenzofuran	µg/L	-	OW33	-	-
Diethyl phthalate	µg/L	-	OW12R-07	-	-
Dimethyl phthalate	µg/L	-	N/A	-	-
Di-n-butylphthalate (DBP)	µg/L	50	OW9-99/OW12-99/OW33/PMW-1B/PMW-2B/PMW-4B	-	-
Di-n-octyl phthalate (DnOP)	µg/L	-	OW1	-	-
Fluoranthene	µg/L	-	PDW-15	-	-
Fluorene	µg/L	-	OW33	-	-
Hexachlorobenzene	µg/L	0.04	N/A	-	-
Hexachlorobutadiene	µg/L	0.5	N/A	-	-
Hexachlorocyclopentadiene	µg/L	5	N/A	-	-
Hexachloroethane	µg/L	5	N/A	-	-
Indeno(1,2,3-cd)pyrene	µg/L	-	PDW-36	-	-
Isophorone	µg/L	-	OW34	-	-
Naphthalene	µg/L	-	PDW-7	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:				*Bldg.39-Grid 10*	*Bldg.39-Grid 12*
Sample ID:				*GW-111003-SW-002*	*GW-111003-SW-004*
Sample Date:				*11/10/2003*	*11/10/2003*
Parameter	*Units*	*New York TOGs Table 1*	*Max Location*		
Nitrobenzene	µg/L	0.4	N/A	-	-
N-Nitrosodi-n-propylamine	µg/L	-	N/A	-	-
N-Nitrosodiphenylamine	µg/L	-	N/A	-	-
Pentachlorophenol	µg/L	1	N/A	-	-
Phenanthrene	µg/L	-	PDW-15	-	-
Phenol	µg/L	1	OW34	-	-
Pyrene	µg/L	-	PDW-15	-	-
Metals					
Aluminum	µg/L	-	OW2	-	-
Aluminum (dissolved)	µg/L	-	OW11-99	-	-
Antimony	µg/L	3	PDW-13	-	-
Antimony (dissolved)	µg/L	3	OW3	-	-
Arsenic	µg/L	25	OW4	9.4 J	19.9 J
Arsenic (dissolved)	µg/L	25	OW17R-07	-	-
Barium	µg/L	1000	OW2	52.6	35.3
Barium (dissolved)	µg/L	1000	OW6	-	-
Beryllium	µg/L	-	OW2	-	-
Beryllium (dissolved)	µg/L	-	OW15-00	-	-
Cadmium	µg/L	5	OW5	ND (2.10) U	ND (2.7) U
Cadmium (dissolved)	µg/L	5	OW5	-	-
Calcium	µg/L	-	OW11R-07	-	-
Calcium (dissolved)	µg/L	-	OW11R-07	-	-
Chromium	µg/L	50	OW1	ND (1.3) U	ND (2.2) U
Chromium Total (dissolved)	µg/L	50	OW12R-07	-	-
Chromium VI (hexavalent)	µg/L	50	N/A	-	-
Chromium VI (hexavalent) (dissolved)	µg/L	50	N/A	-	-
Cobalt	µg/L	-	PDW-18	-	-
Cobalt (dissolved)	µg/L	-	OW5	-	-
Copper	µg/L	200	PDW-25	-	-
Copper (dissolved)	µg/L	200	OW11-99	-	-
Iron	µg/L	300	OW2	-	-
Iron (dissolved)	µg/L	300	PDW-13	-	-
Lead	µg/L	25	PDW-36	**35.8 J**	**48.9 J**
Lead (dissolved)	µg/L	25	OW11-99	-	-
Magnesium	µg/L	-	PMW-1B	-	-
Magnesium (dissolved)	µg/L	-	PDW-18S	-	-
Manganese	µg/L	300	OW2	-	-
Manganese (dissolved)	µg/L	300	PDW-13	-	-
Mercury	µg/L	0.7	PDW-36	0.11	0.33
Mercury (dissolved)	µg/L	0.7	OW25R	-	-
Nickel	µg/L	100	OW11-99	-	-
Nickel (dissolved)	µg/L	100	OW11-99	-	-
Potassium	µg/L	-	PMW-1B	-	-
Potassium (dissolved)	µg/L	-	PMW-1B	-	-
Selenium	µg/L	10	OW11D-03	**116**	**61.1**
Selenium (dissolved)	µg/L	10	OW11R-07	-	-
Silver	µg/L	50	OW4	5.5	ND (1.3) U
Silver (dissolved)	µg/L	50	PMW-3B	-	-
Sodium	µg/L	20000	PMW-1B	-	-
Sodium (dissolved)	µg/L	20000	PMW-1B	-	-
Thallium	µg/L	-	EW4	-	-
Thallium (dissolved)	µg/L	-	EW4	-	-
Vanadium	µg/L	-	OW1	-	-
Vanadium (dissolved)	µg/L	-	PDW-24	-	-
Zinc	µg/L	-	PDW-36	-	-
Zinc (dissolved)	µg/L	-	OW5	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:				*Bldg.39-Grid 10*	*Bldg.39-Grid 12*
Sample ID:				*GW-111003-SW-002*	*GW-111003-SW-004*
Sample Date:				*11/10/2003*	*11/10/2003*
Parameter	*Units*	*New York TOGs Table 1*	*Max Location*		
PCBs					
Aroclor-1016 (PCB-1016)	µg/L	-	N/A	ND (1.0)	ND (1.0)
Aroclor-1221 (PCB-1221)	µg/L	-	N/A	ND (2.0)	ND (2.0)
Aroclor-1232 (PCB-1232)	µg/L	-	N/A	ND (1.0)	ND (1.0)
Aroclor-1242 (PCB-1242)	µg/L	-	OW5	ND (1.0)	ND (1.0)
Aroclor-1248 (PCB-1248)	µg/L	-	N/A	ND (1.0)	ND (1.0)
Aroclor-1254 (PCB-1254)	µg/L	-	N/A	ND (1.0)	ND (1.0)
Aroclor-1260 (PCB-1260)	µg/L	-	PDW-20	ND (1.0)	ND (1.0)
Total PCBs	µg/L	-	PDW-20	ND	ND
Pesticides					
4,4'-DDD	µg/L	0.3	N/A	-	-
4,4'-DDE	µg/L	0.2	N/A	-	-
4,4'-DDT	µg/L	0.2	N/A	-	-
Aldrin	µg/L	-	N/A	-	-
alpha-BHC	µg/L	0.01	OW13-00	-	-
alpha-Chlordane	µg/L	-	OW13-00	-	-
beta-BHC	µg/L	0.04	OW13-00	-	-
delta-BHC	µg/L	0.04	N/A	-	-
Dieldrin	µg/L	0.004	N/A	-	-
Endosulfan I	µg/L	-	OW10-99	-	-
Endosulfan II	µg/L	-	N/A	-	-
Endosulfan sulfate	µg/L	-	N/A	-	-
Endrin	µg/L	-	PDW-22	-	-
Endrin aldehyde	µg/L	5	OW4	-	-
Endrin ketone	µg/L	5	N/A	-	-
gamma-BHC (lindane)	µg/L	0.05	OW13-00	-	-
gamma-Chlordane	µg/L	-	OW10-99	-	-
Heptachlor	µg/L	0.04	N/A	-	-
Heptachlor epoxide	µg/L	0.03	N/A	-	-
Methoxychlor	µg/L	35	N/A	-	-
Toxaphene	µg/L	0.06	N/A	-	-
General Chemistry					
Alkalinity, total (as CaCO3)	µg/L	-	EW8	-	-
Ammonia-N	µg/L	-	EW8	-	-
Biochemical oxygen demand (BOD)	µg/L	-	Wet Well 1	-	-
Biochemical oxygen demand (carbonaceous)	µg/L	-	EW8	-	-
Calcium carbonate	µg/L	-	EW3	-	-
Chemical oxygen demand (COD)	µg/L	-	Wet Well 1	-	-
Chloride	µg/L	250000	OW11R-07/PDW-18S	-	-
Conductivity	µmhos/cm	-	PDW-24	-	-
Cyanide (amenable)	µg/L	-	N/A	-	-
Cyanide (dissolved)	µg/L	-	OW13-00	-	-
Cyanide (total)	µg/L	200	OW13-00	-	-
Ignitability	deg C	-	N/A	-	-
Nitrate (as N)	µg/L	10000	EW3	-	-
Nitrite (as N)	µg/L	1000	EW4	-	-
Nitrite/Nitrate	µg/L	10000	Wet Well 3	-	-
Nitrogen	µg/L	-	EW8	-	-
pH	s.u.	6.5-8.5	OW6	-	-
pH (water)	s.u.	6.5-8.5	EW8	7.1	6.9
pH corrosivity	s.u.	-	PDW-25	-	-
Reactive cyanide	µg/L	-	N/A	-	-
Reactive sulfide	µg/L	-	OW6	-	-
Sulfate	µg/L	250000	EW4	-	-
Sulfide	µg/L	-	EW8	-	-
Total dissolved solids (TDS)	µg/L	500000	EW3	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:				*Bldg.39-Grid 10*	*Bldg.39-Grid 12*
Sample ID:				*GW-111003-SW-002*	*GW-111003-SW-004*
Sample Date:				*11/10/2003*	*11/10/2003*
Parameter	*Units*	*New York TOGs Table 1*	*Max Location*		
Total kjeldahl nitrogen (TKN)	µg/L	-	EW4	-	-
Total organic carbon (TOC)	µg/L	-	EW2	-	-
Total Petroleum Hydrocarbons	µg/L	-	PDW-20	-	-
Total Petroleum Hydrocarbons - Non-Polar Material - SGT HEM	µg/L	-	N/A	-	-
Total solids	µg/L	-	Wet Well 1	-	-
Total suspended solids (TSS)	µg/L	-	EW3	16000	33000
Field Parameters					
Conductivity, field	mS/cm	-	PMW-5B	-	-
Dissolved oxygen (DO), field	µg/L	-	PMW-3B	-	-
Oxidation reduction potential (ORP), field	millivolts	-	OW25R	-	-
pH, field	s.u.	6.5-8.5	OW21R-07	-	-
Salinity	%	-	PMW-1B	-	-
Temperature, field	deg C	-	OW21R-07	-	-
Turbidity	NTU	5	OW2R	-	-

Notes:

(DT) - Analytical results for total and dissolved metals were originally reversed in the original analytical data package, and have been corrected in this table.

> - Greater than amount reported.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

S - Value determined by the method of standard addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

W - Post-digestion spike out of control limits.

- - Not applicable.

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*Bldg.39-Grid 13*	*Bldg.39-Grid 14*	*BW-1*	*BW-1*	*BW-1*	*BW-1*	*BW-1*	*BW-1*
Sample ID:			*GW-111003-SW-005*	*GW-111003-SW-006*	*BW-1*	*BW-1*	*BW-1*	*BW-1*	*BW-1*	*BW-1*
Sample Date:			*11/10/2003*	*11/10/2003*	*1/1/1985*	*1/25/1985*	*11/1/1988*	*11/17/1988*	*12/1/1988*	*12/1/1988*
Parameter	*Units*	*New York TOGs Table 1*								*Duplicate*
Volatiles										
1,1,1-Trichloroethane	µg/L	5	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/L	5	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/L	1	-	-	-	-	-	-	-	-
1,1-Dichloroethane	µg/L	5	-	-	-	-	-	-	-	-
1,1-Dichloroethene	µg/L	5	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/L	5	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	0.04	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/L	0.0006	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/L	3	-	-	-	-	-	-	-	-
1,2-Dichloroethane	µg/L	0.6	-	-	-	-	-	-	-	-
1,2-Dichloroethene (total)	µg/L	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	µg/L	1	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/L	3	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/L	3	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	-	-	-	-	-	-	-	-	-
2-Hexanone	µg/L	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	-	-	-	-	-	-	-	-	-
Acetone	µg/L	-	-	-	-	-	-	-	-	-
Benzene	µg/L	1	-	-	-	-	-	-	-	-
Bromodichloromethane	µg/L	-	-	-	-	-	-	-	-	-
Bromoform	µg/L	-	-	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/L	5	-	-	-	-	-	-	-	-
Carbon disulfide	µg/L	60	-	-	-	-	-	-	-	-
Carbon tetrachloride	µg/L	5	-	-	-	-	-	-	-	-
Chlorobenzene	µg/L	5	-	-	-	-	-	-	-	-
Chloroethane	µg/L	5	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/L	7	-	-	25	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/L	5	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/L	5	-	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/L	-	-	-	-	-	-	-	-	-
Cyclohexane	µg/L	-	-	-	-	-	-	-	-	-
Dibromochloromethane	µg/L	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/L	5	-	-	-	-	-	-	-	-
Ethylbenzene	µg/L	5	-	-	-	-	-	-	-	-
Isopropyl benzene	µg/L	5	-	-	-	-	-	-	-	-
m&p-Xylenes	µg/L	-	-	-	-	-	-	-	-	-
Methyl acetate	µg/L	-	-	-	-	-	-	-	-	-
Methyl cyclohexane	µg/L	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/L	-	-	-	-	-	-	-	-	-
Methylene chloride	µg/L	5	-	-	-	-	-	-	-	-
o-Xylene	µg/L	5	-	-	-	-	-	-	-	-
Styrene	µg/L	5	-	-	-	-	-	-	-	-
Tetrachloroethene	µg/L	5	-	-	-	-	-	-	-	-
Toluene	µg/L	5	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	µg/L	5	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/L	-	-	-	-	-	-	-	-	-
Trichloroethene	µg/L	5	-	-	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/L	5	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/L	5	-	-	-	-	-	-	-	-
Vinyl chloride	µg/L	2	-	-	-	-	-	-	-	-
Xylenes (total)	µg/L	-	-	-	-	-	-	-	-	-
Semi-Volatiles										
1,2,4-Trichlorobenzene	µg/L	5	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/L	3	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/L	3	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/L	3	-	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	5	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*Bldg.39-Grid 13*	*Bldg.39-Grid 14*	*BW-1*	*BW-1*	*BW-1*	*BW-1*	*BW-1*	*BW-1*
Sample ID:			*GW-111003-SW-005*	*GW-111003-SW-006*	*BW-1*	*BW-1*	*BW-1*	*BW-1*	*BW-1*	*BW-1*
Sample Date:			*11/10/2003*	*11/10/2003*	*1/1/1985*	*1/25/1985*	*11/1/1988*	*11/17/1988*	*12/1/1988*	*12/1/1988*
Parameter	*Units*	*New York TOGs Table 1*								*Duplicate*
2,4,5-Trichlorophenol	µg/L	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/L	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/L	5	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	µg/L	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/L	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/L	5	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/L	5	-	-	-	-	-	-	-	-
2-Chloronaphthalene	µg/L	-	-	-	-	-	-	-	-	-
2-Chlorophenol	µg/L	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/L	-	-	-	-	-	-	-	-	-
2-Methylphenol	µg/L	-	-	-	-	-	-	-	-	-
2-Nitroaniline	µg/L	5	-	-	-	-	-	-	-	-
2-Nitrophenol	µg/L	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/L	5	-	-	-	-	-	-	-	-
3-Nitroaniline	µg/L	5	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/L	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/L	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/L	-	-	-	-	-	-	-	-	-
4-Chloroaniline	µg/L	5	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/L	-	-	-	-	-	-	-	-	-
4-Methylphenol	µg/L	-	-	-	-	-	-	-	-	-
4-Nitroaniline	µg/L	5	-	-	-	-	-	-	-	-
4-Nitrophenol	µg/L	-	-	-	-	-	-	-	-	-
Acenaphthene	µg/L	-	-	-	-	-	-	-	-	-
Acenaphthylene	µg/L	-	-	-	-	-	-	-	-	-
Acetophenone	µg/L	-	-	-	-	-	-	-	-	-
Anthracene	µg/L	-	-	-	-	-	-	-	-	-
Atrazine	µg/L	7.5	-	-	-	-	-	-	-	-
Benzaldehyde	µg/L	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/L	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	µg/L	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/L	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/L	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/L	-	-	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/L	5	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/L	5	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/L	1	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	5	-	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/L	-	-	-	-	-	-	-	-	-
Caprolactam	µg/L	-	-	-	-	-	-	-	-	-
Carbazole	µg/L	-	-	-	-	-	-	-	-	-
Chrysene	µg/L	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/L	-	-	-	-	-	-	-	-	-
Dibenz(a,j)acridine	µg/L	-	-	-	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/L	-	-	-	-	-	-	-	-	-
Dibenzofuran	µg/L	-	-	-	-	-	-	-	-	-
Diethyl phthalate	µg/L	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	µg/L	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/L	50	-	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/L	-	-	-	-	-	-	-	-	-
Fluoranthene	µg/L	-	-	-	-	-	-	-	-	-
Fluorene	µg/L	-	-	-	-	-	-	-	-	-
Hexachlorobenzene	µg/L	0.04	-	-	-	-	-	-	-	-
Hexachlorobutadiene	µg/L	0.5	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/L	5	-	-	-	-	-	-	-	-
Hexachloroethane	µg/L	5	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/L	-	-	-	-	-	-	-	-	-
Isophorone	µg/L	-	-	-	-	-	-	-	-	-
Naphthalene	µg/L	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*Bldg.39-Grid 13*	*Bldg.39-Grid 14*	*BW-1*	*BW-1*	*BW-1*	*BW-1*	*BW-1*	*BW-1*
Sample ID:			*GW-111003-SW-005*	*GW-111003-SW-006*	*BW-1*	*BW-1*	*BW-1*	*BW-1*	*BW-1*	*BW-1*
Sample Date:			*11/10/2003*	*11/10/2003*	*1/1/1985*	*1/25/1985*	*11/1/1988*	*11/17/1988*	*12/1/1988*	*12/1/1988*
Parameter	*Units*	*New York TOGs Table 1*								*Duplicate*
Nitrobenzene	µg/L	0.4	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/L	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/L	-	-	-	-	-	-	-	-	-
Pentachlorophenol	µg/L	1	-	-	-	-	-	-	-	-
Phenanthrene	µg/L	-	-	-	-	-	-	-	-	-
Phenol	µg/L	1	-	-	-	-	-	-	-	-
Pyrene	µg/L	-	-	-	-	-	-	-	-	-
Metals										
Aluminum	µg/L	-	-	-	-	-	-	-	-	-
Aluminum (dissolved)	µg/L	-	-	-	-	-	-	-	-	-
Antimony	µg/L	3	-	-	ND (5)	-	-	-	-	-
Antimony (dissolved)	µg/L	3	-	-	-	-	-	-	-	-
Arsenic	µg/L	25	13.3 J	**210**	20	-	-	-	-	-
Arsenic (dissolved)	µg/L	25	-	-	-	-	-	-	-	-
Barium	µg/L	1000	30.9	47.3	-	-	-	-	-	-
Barium (dissolved)	µg/L	1000	-	-	-	-	-	-	-	-
Beryllium	µg/L	-	-	-	13	-	-	-	-	-
Beryllium (dissolved)	µg/L	-	-	-	-	-	-	-	-	-
Cadmium	µg/L	5	ND (1.8) U	4.3	-	-	-	-	**7.0**	-
Cadmium (dissolved)	µg/L	5	-	-	3	-	ND (1)	-	**8.0**	**8.0**
Calcium	µg/L	-	-	-	-	-	-	-	-	-
Calcium (dissolved)	µg/L	-	-	-	-	-	-	-	-	-
Chromium	µg/L	50	ND (0.98) U	18.1	**381**	-	-	-	-	-
Chromium Total (dissolved)	µg/L	50	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	µg/L	50	-	-	-	-	-	-	-	-
Chromium VI (hexavalent) (dissolved)	µg/L	50	-	-	-	-	-	-	-	-
Cobalt	µg/L	-	-	-	-	-	-	-	-	-
Cobalt (dissolved)	µg/L	-	-	-	-	-	-	-	-	-
Copper	µg/L	200	-	-	**1140**	-	-	-	-	-
Copper (dissolved)	µg/L	200	-	-	-	-	-	-	-	-
Iron	µg/L	300	-	-	-	-	-	-	-	-
Iron (dissolved)	µg/L	300	-	-	-	-	-	-	-	-
Lead	µg/L	25	22.9 J	**552 J**	-	-	-	-	ND (10)	-
Lead (dissolved)	µg/L	25	-	-	**86**	-	20	-	ND (10)	ND (10)
Magnesium	µg/L	-	-	-	-	-	-	-	-	-
Magnesium (dissolved)	µg/L	-	-	-	-	-	-	-	-	-
Manganese	µg/L	300	-	-	-	-	-	-	-	-
Manganese (dissolved)	µg/L	300	-	-	-	-	-	-	-	-
Mercury	µg/L	0.7	0.11	**2.3**	ND (0.4)	-	-	-	-	-
Mercury (dissolved)	µg/L	0.7	-	-	-	-	-	-	-	-
Nickel	µg/L	100	-	-	**349**	-	-	-	-	-
Nickel (dissolved)	µg/L	100	-	-	-	-	-	-	-	-
Potassium	µg/L	-	-	-	-	-	-	-	-	-
Potassium (dissolved)	µg/L	-	-	-	-	-	-	-	-	-
Selenium	µg/L	10	**54.0**	**75.6**	ND (2)	-	-	-	-	-
Selenium (dissolved)	µg/L	10	-	-	-	-	-	-	-	-
Silver	µg/L	50	ND (1.1) U	9.2	11	-	-	-	-	-
Silver (dissolved)	µg/L	50	-	-	-	-	-	-	-	-
Sodium	µg/L	20000	-	-	-	-	-	-	-	-
Sodium (dissolved)	µg/L	20000	-	-	-	-	-	-	-	-
Thallium	µg/L	-	-	-	ND (5)	-	-	-	-	-
Thallium (dissolved)	µg/L	-	-	-	-	-	-	-	-	-
Vanadium	µg/L	-	-	-	-	-	-	-	-	-
Vanadium (dissolved)	µg/L	-	-	-	-	-	-	-	-	-
Zinc	µg/L	-	-	-	3100	-	-	-	-	-
Zinc (dissolved)	µg/L	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*Bldg.39-Grid 13*	*Bldg.39-Grid 14*	*BW-1*	*BW-1*	*BW-1*	*BW-1*	*BW-1*	*BW-1*
Sample ID:			*GW-111003-SW-005*	*GW-111003-SW-006*	*BW-1*	*BW-1*	*BW-1*	*BW-1*	*BW-1*	*BW-1*
Sample Date:			*11/10/2003*	*11/10/2003*	*1/1/1985*	*1/25/1985*	*11/1/1988*	*11/17/1988*	*12/1/1988*	*12/1/1988*
Parameter	*Units*	*New York TOGs Table 1*								*Duplicate*
PCBs										
Aroclor-1016 (PCB-1016)	µg/L	-	ND (1.0)	ND (1.0)	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	µg/L	-	ND (2.0)	ND (2.0)	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	µg/L	-	ND (1.0)	ND (1.0)	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	µg/L	-	ND (1.0)	ND (1.0)	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	µg/L	-	ND (1.0)	ND (1.0)	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	µg/L	-	ND (1.0)	ND (1.0)	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	µg/L	-	ND (1.0)	ND (1.0)	-	-	-	-	-	-
Total PCBs	µg/L	-	ND	ND	-	-	-	-	-	-
Pesticides										
4,4'-DDD	µg/L	0.3	-	-	-	-	-	-	-	-
4,4'-DDE	µg/L	0.2	-	-	-	-	-	-	-	-
4,4'-DDT	µg/L	0.2	-	-	-	-	-	-	-	-
Aldrin	µg/L	-	-	-	-	-	-	-	-	-
alpha-BHC	µg/L	0.01	-	-	-	-	-	-	-	-
alpha-Chlordane	µg/L	-	-	-	-	-	-	-	-	-
beta-BHC	µg/L	0.04	-	-	-	-	-	-	-	-
delta-BHC	µg/L	0.04	-	-	-	-	-	-	-	-
Dieldrin	µg/L	0.004	-	-	-	-	-	-	-	-
Endosulfan I	µg/L	-	-	-	-	-	-	-	-	-
Endosulfan II	µg/L	-	-	-	-	-	-	-	-	-
Endosulfan sulfate	µg/L	-	-	-	-	-	-	-	-	-
Endrin	µg/L	-	-	-	-	-	-	-	-	-
Endrin aldehyde	µg/L	5	-	-	-	-	-	-	-	-
Endrin ketone	µg/L	5	-	-	-	-	-	-	-	-
gamma-BHC (lindane)	µg/L	0.05	-	-	-	-	-	-	-	-
gamma-Chlordane	µg/L	-	-	-	-	-	-	-	-	-
Heptachlor	µg/L	0.04	-	-	-	-	-	-	-	-
Heptachlor epoxide	µg/L	0.03	-	-	-	-	-	-	-	-
Methoxychlor	µg/L	35	-	-	-	-	-	-	-	-
Toxaphene	µg/L	0.06	-	-	-	-	-	-	-	-
General Chemistry										
Alkalinity, total (as CaCO3)	µg/L	-	-	-	-	-	-	-	-	-
Ammonia-N	µg/L	-	-	-	-	-	-	-	-	-
Biochemical oxygen demand (BOD)	µg/L	-	-	-	-	-	-	-	-	-
Biochemical oxygen demand (carbonaceous)	µg/L	-	-	-	-	-	-	-	-	-
Calcium carbonate	µg/L	-	-	-	-	-	-	-	-	-
Chemical oxygen demand (COD)	µg/L	-	-	-	-	-	-	-	-	-
Chloride	µg/L	250000	-	-	-	-	32000	32	15000	-
Conductivity	µmhos/cm	-	-	-	-	-	-	-	-	-
Cyanide (amenable)	µg/L	-	-	-	-	-	-	-	-	-
Cyanide (dissolved)	µg/L	-	-	-	-	-	-	-	-	-
Cyanide (total)	µg/L	200	-	-	ND (2)	-	-	-	-	-
Ignitability	deg C	-	-	-	-	-	-	-	-	-
Nitrate (as N)	µg/L	10000	-	-	-	-	-	-	-	-
Nitrite (as N)	µg/L	1000	-	-	-	-	-	-	-	-
Nitrite/Nitrate	µg/L	10000	-	-	-	-	-	-	-	-
Nitrogen	µg/L	-	-	-	-	-	-	-	-	-
pH	s.u.	6.5-8.5	-	-	-	-	-	-	-	-
pH (water)	s.u.	6.5-8.5	7.2	7.2	-	-	-	-	-	-
pH corrosivity	s.u.	-	-	-	6.5	-	5.97	-	5.87	-
Reactive cyanide	µg/L	-	-	-	-	-	-	-	-	-
Reactive sulfide	µg/L	-	-	-	-	-	-	-	-	-
Sulfate	µg/L	250000	-	-	-	158000	-	-	-	-
Sulfide	µg/L	-	-	-	-	-	-	-	-	-
Total dissolved solids (TDS)	µg/L	500000	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*Bldg.39-Grid 13*	*Bldg.39-Grid 14*	*BW-1*	*BW-1*	*BW-1*	*BW-1*	*BW-1*	*BW-1*
Sample ID:			*GW-111003-SW-005*	*GW-111003-SW-006*	*BW-1*	*BW-1*	*BW-1*	*BW-1*	*BW-1*	*BW-1*
Sample Date:			*11/10/2003*	*11/10/2003*	*1/1/1985*	*1/25/1985*	*11/1/1988*	*11/17/1988*	*12/1/1988*	*12/1/1988*
Parameter	*Units*	*New York TOGs Table 1*								*Duplicate*
Total kjeldahl nitrogen (TKN)	µg/L	-	-	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/L	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/L	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Non-Polar Material - SGT HEM	µg/L	-	-	-	-	-	-	-	-	-
Total solids	µg/L	-	-	-	-	-	-	-	-	-
Total suspended solids (TSS)	µg/L	-	26000	15000	-	-	-	-	-	-
Field Parameters										
Conductivity, field	mS/cm	-	-	-	-	-	-	-	-	-
Dissolved oxygen (DO), field	µg/L	-	-	-	-	-	-	-	-	-
Oxidation reduction potential (ORP), field	millivolts	-	-	-	-	-	-	-	-	-
pH, field	s.u.	6.5-8.5	-	-	-	-	-	-	-	-
Salinity	%	-	-	-	-	-	-	-	-	-
Temperature, field	deg C	-	-	-	-	-	-	-	-	-
Turbidity	NTU	5	-	-	-	-	-	-	-	-

Notes:

(DT) - Analytical results for total and dissolved metals were originally reversed in the original analytical data package, and have been corrected in this table.

> - Greater than amount reported.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

S - Value determined by the method of standard addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

W - Post-digestion spike out of control limits.

- - Not applicable.

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*BW-1*	*BW-1*	*BW-1*	*BW-1*	*BW-1*	*BW-1*
Sample ID:			*BW-1*	*BW-1*	*BW-1*	*BW-1*	*BW-1*	*BW-1*
Sample Date:			*12/21/1988*	*11/1/1990*	*1/1/1991*	*4/1/1991*	*6/1/1991*	*11/1/1991*
Parameter	*Units*	*New York TOGs Table 1*						
Volatiles								
1,1,1-Trichloroethane	µg/L	5	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/L	5	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/L	1	-	-	-	-	-	-
1,1-Dichloroethane	µg/L	5	-	-	-	-	-	-
1,1-Dichloroethene	µg/L	5	-	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/L	5	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	0.04	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/L	0.0006	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/L	3	-	-	-	-	-	-
1,2-Dichloroethane	µg/L	0.6	-	-	-	-	-	-
1,2-Dichloroethene (total)	µg/L	-	-	-	-	-	-	-
1,2-Dichloropropane	µg/L	1	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/L	3	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/L	3	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	-	-	-	-	-	-	-
2-Hexanone	µg/L	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	-	-	-	-	-	-	-
Acetone	µg/L	-	-	-	-	-	-	-
Benzene	µg/L	1	-	-	-	-	-	-
Bromodichloromethane	µg/L	-	-	-	-	-	-	-
Bromoform	µg/L	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/L	5	-	-	-	-	-	-
Carbon disulfide	µg/L	60	-	-	-	-	-	-
Carbon tetrachloride	µg/L	5	-	-	-	-	-	-
Chlorobenzene	µg/L	5	-	-	-	-	-	-
Chloroethane	µg/L	5	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/L	7	-	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/L	5	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/L	5	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/L	-	-	-	-	-	-	-
Cyclohexane	µg/L	-	-	-	-	-	-	-
Dibromochloromethane	µg/L	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/L	5	-	-	-	-	-	-
Ethylbenzene	µg/L	5	-	-	-	-	-	-
Isopropyl benzene	µg/L	5	-	-	-	-	-	-
m&p-Xylenes	µg/L	-	-	-	-	-	-	-
Methyl acetate	µg/L	-	-	-	-	-	-	-
Methyl cyclohexane	µg/L	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/L	-	-	-	-	-	-	-
Methylene chloride	µg/L	5	-	-	-	-	-	-
o-Xylene	µg/L	5	-	-	-	-	-	-
Styrene	µg/L	5	-	-	-	-	-	-
Tetrachloroethene	µg/L	5	-	-	-	-	-	-
Toluene	µg/L	5	-	-	-	-	-	-
trans-1,2-Dichloroethene	µg/L	5	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/L	-	-	-	-	-	-	-
Trichloroethene	µg/L	5	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/L	5	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/L	5	-	-	-	-	-	-
Vinyl chloride	µg/L	2	-	-	-	-	-	-
Xylenes (total)	µg/L	-	-	-	-	-	-	-
Semi-Volatiles								
1,2,4-Trichlorobenzene	µg/L	5	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/L	3	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/L	3	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/L	3	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	5	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*BW-1*	*BW-1*	*BW-1*	*BW-1*	*BW-1*	*BW-1*
Sample ID:			*BW-1*	*BW-1*	*BW-1*	*BW-1*	*BW-1*	*BW-1*
Sample Date:			*12/21/1988*	*11/1/1990*	*1/1/1991*	*4/1/1991*	*6/1/1991*	*11/1/1991*
Parameter	*Units*	*New York TOGs Table 1*						
2,4,5-Trichlorophenol	µg/L	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/L	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/L	5	-	-	-	-	-	-
2,4-Dimethylphenol	µg/L	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/L	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/L	5	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/L	5	-	-	-	-	-	-
2-Chloronaphthalene	µg/L	-	-	-	-	-	-	-
2-Chlorophenol	µg/L	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/L	-	-	-	-	-	-	-
2-Methylphenol	µg/L	-	-	-	-	-	-	-
2-Nitroaniline	µg/L	5	-	-	-	-	-	-
2-Nitrophenol	µg/L	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/L	5	-	-	-	-	-	-
3-Nitroaniline	µg/L	5	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/L	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/L	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/L	-	-	-	-	-	-	-
4-Chloroaniline	µg/L	5	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/L	-	-	-	-	-	-	-
4-Methylphenol	µg/L	-	-	-	-	-	-	-
4-Nitroaniline	µg/L	5	-	-	-	-	-	-
4-Nitrophenol	µg/L	-	-	-	-	-	-	-
Acenaphthene	µg/L	-	-	-	-	-	-	-
Acenaphthylene	µg/L	-	-	-	-	-	-	-
Acetophenone	µg/L	-	-	-	-	-	-	-
Anthracene	µg/L	-	-	-	-	-	-	-
Atrazine	µg/L	7.5	-	-	-	-	-	-
Benzaldehyde	µg/L	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/L	-	-	-	-	-	-	-
Benzo(a)pyrene	µg/L	-	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/L	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/L	-	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/L	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/L	5	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/L	5	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/L	1	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	5	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/L	-	-	-	-	-	-	-
Caprolactam	µg/L	-	-	-	-	-	-	-
Carbazole	µg/L	-	-	-	-	-	-	-
Chrysene	µg/L	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/L	-	-	-	-	-	-	-
Dibenz(a,j)acridine	µg/L	-	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/L	-	-	-	-	-	-	-
Dibenzofuran	µg/L	-	-	-	-	-	-	-
Diethyl phthalate	µg/L	-	-	-	-	-	-	-
Dimethyl phthalate	µg/L	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/L	50	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/L	-	-	-	-	-	-	-
Fluoranthene	µg/L	-	-	-	-	-	-	-
Fluorene	µg/L	-	-	-	-	-	-	-
Hexachlorobenzene	µg/L	0.04	-	-	-	-	-	-
Hexachlorobutadiene	µg/L	0.5	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/L	5	-	-	-	-	-	-
Hexachloroethane	µg/L	5	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/L	-	-	-	-	-	-	-
Isophorone	µg/L	-	-	-	-	-	-	-
Naphthalene	µg/L	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*BW-1*	*BW-1*	*BW-1*	*BW-1*	*BW-1*	*BW-1*
Sample ID:			*BW-1*	*BW-1*	*BW-1*	*BW-1*	*BW-1*	*BW-1*
Sample Date:			*12/21/1988*	*11/1/1990*	*1/1/1991*	*4/1/1991*	*6/1/1991*	*11/1/1991*
Parameter	*Units*	*New York TOGs Table 1*						
Nitrobenzene	µg/L	0.4	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/L	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/L	-	-	-	-	-	-	-
Pentachlorophenol	µg/L	1	-	-	-	-	-	-
Phenanthrene	µg/L	-	-	-	-	-	-	-
Phenol	µg/L	1	-	-	-	-	-	-
Pyrene	µg/L	-	-	-	-	-	-	-
Metals								
Aluminum	µg/L	-	-	-	-	-	-	-
Aluminum (dissolved)	µg/L	-	-	-	-	-	-	-
Antimony	µg/L	3	-	-	-	-	-	-
Antimony (dissolved)	µg/L	3	-	-	-	-	-	-
Arsenic	µg/L	25	-	-	-	-	-	-
Arsenic (dissolved)	µg/L	25	-	-	-	-	-	-
Barium	µg/L	1000	-	-	-	-	-	-
Barium (dissolved)	µg/L	1000	-	-	-	-	-	-
Beryllium	µg/L	-	-	-	-	-	-	-
Beryllium (dissolved)	µg/L	-	-	-	-	-	-	-
Cadmium	µg/L	5	-	ND (1)/ND (1)	**29.3/25.7**	**7.1/6.9**	ND (2.5) UJ/ND (2.5)	ND (2.5)
Cadmium (dissolved)	µg/L	5	-	ND (1)/ND (1)	**27.6/30.9**	-	ND (2.5)/ND (2.5)	ND (2.5)
Calcium	µg/L	-	-	-	-	-	-	-
Calcium (dissolved)	µg/L	-	-	-	-	-	-	-
Chromium	µg/L	50	-	-	-	-	-	-
Chromium Total (dissolved)	µg/L	50	-	-	-	-	-	-
Chromium VI (hexavalent)	µg/L	50	-	-	-	-	-	-
Chromium VI (hexavalent) (dissolved)	µg/L	50	-	-	-	-	-	-
Cobalt	µg/L	-	-	-	-	-	-	-
Cobalt (dissolved)	µg/L	-	-	-	-	-	-	-
Copper	µg/L	200	-	-	-	-	-	-
Copper (dissolved)	µg/L	200	-	-	-	-	-	-
Iron	µg/L	300	-	-	-	-	-	-
Iron (dissolved)	µg/L	300	-	-	-	-	-	-
Lead	µg/L	25	-	15.9/22.2	4.5/4.2	ND (2)/ND (2)	3.9/ND (2)	ND (2)
Lead (dissolved)	µg/L	25	-	ND (2)/ND (2)	ND (2)/ND (2)	ND (2)/ND (2)	ND (2)/ND (2)	ND (2.6)
Magnesium	µg/L	-	-	-	-	-	-	-
Magnesium (dissolved)	µg/L	-	-	-	-	-	-	-
Manganese	µg/L	300	-	-	-	-	-	-
Manganese (dissolved)	µg/L	300	-	-	-	-	-	-
Mercury	µg/L	0.7	-	-	-	-	-	-
Mercury (dissolved)	µg/L	0.7	-	-	-	-	-	-
Nickel	µg/L	100	-	-	-	-	-	-
Nickel (dissolved)	µg/L	100	-	-	-	-	-	-
Potassium	µg/L	-	-	-	-	-	-	-
Potassium (dissolved)	µg/L	-	-	-	-	-	-	-
Selenium	µg/L	10	-	-	-	-	-	-
Selenium (dissolved)	µg/L	10	-	-	-	-	-	-
Silver	µg/L	50	-	-	-	-	-	-
Silver (dissolved)	µg/L	50	-	-	-	-	-	-
Sodium	µg/L	20000	-	-	-	-	-	-
Sodium (dissolved)	µg/L	20000	-	-	-	-	-	-
Thallium	µg/L	-	-	-	-	-	-	-
Thallium (dissolved)	µg/L	-	-	-	-	-	-	-
Vanadium	µg/L	-	-	-	-	-	-	-
Vanadium (dissolved)	µg/L	-	-	-	-	-	-	-
Zinc	µg/L	-	-	-	-	-	-	-
Zinc (dissolved)	µg/L	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*BW-1*	*BW-1*	*BW-1*	*BW-1*	*BW-1*	*BW-1*
Sample ID:			*BW-1*	*BW-1*	*BW-1*	*BW-1*	*BW-1*	*BW-1*
Sample Date:			*12/21/1988*	*11/1/1990*	*1/1/1991*	*4/1/1991*	*6/1/1991*	*11/1/1991*
Parameter	*Units*	*New York TOGs Table 1*						
PCBs								
Aroclor-1016 (PCB-1016)	µg/L	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	µg/L	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	µg/L	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	µg/L	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	µg/L	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	µg/L	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	µg/L	-	-	-	-	-	-	-
Total PCBs	µg/L	-	-	-	-	-	-	-
Pesticides								
4,4'-DDD	µg/L	0.3	-	-	-	-	-	-
4,4'-DDE	µg/L	0.2	-	-	-	-	-	-
4,4'-DDT	µg/L	0.2	-	-	-	-	-	-
Aldrin	µg/L	-	-	-	-	-	-	-
alpha-BHC	µg/L	0.01	-	-	-	-	-	-
alpha-Chlordane	µg/L	-	-	-	-	-	-	-
beta-BHC	µg/L	0.04	-	-	-	-	-	-
delta-BHC	µg/L	0.04	-	-	-	-	-	-
Dieldrin	µg/L	0.004	-	-	-	-	-	-
Endosulfan I	µg/L	-	-	-	-	-	-	-
Endosulfan II	µg/L	-	-	-	-	-	-	-
Endosulfan sulfate	µg/L	-	-	-	-	-	-	-
Endrin	µg/L	-	-	-	-	-	-	-
Endrin aldehyde	µg/L	5	-	-	-	-	-	-
Endrin ketone	µg/L	5	-	-	-	-	-	-
gamma-BHC (lindane)	µg/L	0.05	-	-	-	-	-	-
gamma-Chlordane	µg/L	-	-	-	-	-	-	-
Heptachlor	µg/L	0.04	-	-	-	-	-	-
Heptachlor epoxide	µg/L	0.03	-	-	-	-	-	-
Methoxychlor	µg/L	35	-	-	-	-	-	-
Toxaphene	µg/L	0.06	-	-	-	-	-	-
General Chemistry								
Alkalinity, total (as CaCO3)	µg/L	-	-	-	-	-	-	-
Ammonia-N	µg/L	-	-	-	-	-	-	-
Biochemical oxygen demand (BOD)	µg/L	-	-	-	-	-	-	-
Biochemical oxygen demand (carbonaceous)	µg/L	-	-	-	-	-	-	-
Calcium carbonate	µg/L	-	-	-	-	-	-	-
Chemical oxygen demand (COD)	µg/L	-	-	-	-	-	-	-
Chloride	µg/L	250000	15	-	-	-	-	-
Conductivity	µmhos/cm	-	-	-	-	-	-	-
Cyanide (amenable)	µg/L	-	-	-	-	-	-	-
Cyanide (dissolved)	µg/L	-	-	-	-	-	-	-
Cyanide (total)	µg/L	200	-	-	-	-	-	-
Ignitability	deg C	-	-	-	-	-	-	-
Nitrate (as N)	µg/L	10000	-	-	-	-	-	-
Nitrite (as N)	µg/L	1000	-	-	-	-	-	-
Nitrite/Nitrate	µg/L	10000	-	-	-	-	-	-
Nitrogen	µg/L	-	-	-	-	-	-	-
pH	s.u.	6.5-8.5	-	-	-	-	-	-
pH (water)	s.u.	6.5-8.5	-	-	-	-	-	-
pH corrosivity	s.u.	-	-	-	-	-	-	-
Reactive cyanide	µg/L	-	-	-	-	-	-	-
Reactive sulfide	µg/L	-	-	-	-	-	-	-
Sulfate	µg/L	250000	-	-	-	-	-	-
Sulfide	µg/L	-	-	-	-	-	-	-
Total dissolved solids (TDS)	µg/L	500000	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*BW-1*	*BW-1*	*BW-1*	*BW-1*	*BW-1*	*BW-1*
Sample ID:			*BW-1*	*BW-1*	*BW-1*	*BW-1*	*BW-1*	*BW-1*
Sample Date:			*12/21/1988*	*11/1/1990*	*1/1/1991*	*4/1/1991*	*6/1/1991*	*11/1/1991*
Parameter	*Units*	*New York TOGs Table 1*						
Total kjeldahl nitrogen (TKN)	µg/L	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/L	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/L	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Non-Polar Material - SGT HEM	µg/L	-	-	-	-	-	-	-
Total solids	µg/L	-	-	-	-	-	-	-
Total suspended solids (TSS)	µg/L	-	-	-	-	-	-	-
Field Parameters								
Conductivity, field	mS/cm	-	-	-	-	-	-	-
Dissolved oxygen (DO), field	µg/L	-	-	-	-	-	-	-
Oxidation reduction potential (ORP), field	millivolts	-	-	-	-	-	-	-
pH, field	s.u.	6.5-8.5	-	-	-	-	-	-
Salinity	%	-	-	-	-	-	-	-
Temperature, field	deg C	-	-	-	-	-	-	-
Turbidity	NTU	5	-	-	-	-	-	-

Notes:

(DT) - Analytical results for total and dissolved metals were originally reversed in the original analytical data package, and have been corrected in this table.

> - Greater than amount reported.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

S - Value determined by the method of standard addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

W - Post-digestion spike out of control limits.

- - Not applicable.

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*BW-1*	*BW-3*	*BW-3*	*BW-3*	*BW-3*	*BW-3*	*BW-3*	*BW-3*
Sample ID:			*GW-WPW-007*	*BW-3*	*BW-3*	*BW-3*	*BW-3*	*BW-3*	*BW-3*	*BW-3*
Sample Date:			*7/30/1999*	*1/1/1985*	*1/25/1985*	*11/1/1988*	*11/1/1988*	*11/17/1988*	*12/1/1988*	*12/21/1988*
							Duplicate			
Parameter	*Units*	*New York TOGs Table 1*								
Volatiles										
1,1,1-Trichloroethane	µg/L	5	ND (10)	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/L	5	ND (10)	-	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/L	1	ND (10)	-	-	-	-	-	-	-
1,1-Dichloroethane	µg/L	5	ND (10)	-	-	-	-	-	-	-
1,1-Dichloroethene	µg/L	5	ND (10)	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/L	5	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	0.04	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/L	0.0006	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/L	3	-	-	-	-	-	-	-	-
1,2-Dichloroethane	µg/L	0.6	ND (10)	-	-	-	-	-	-	-
1,2-Dichloroethene (total)	µg/L	-	ND (10)	-	-	-	-	-	-	-
1,2-Dichloropropane	µg/L	1	ND (10)	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/L	3	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/L	3	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	-	ND (10)	-	-	-	-	-	-	-
2-Hexanone	µg/L	-	ND (10)	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	-	ND (10)	-	-	-	-	-	-	-
Acetone	µg/L	-	2 J	-	-	-	-	-	-	-
Benzene	µg/L	1	ND (10)	-	-	-	-	-	-	-
Bromodichloromethane	µg/L	-	ND (10)	-	-	-	-	-	-	-
Bromoform	µg/L	-	ND (10)	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/L	5	ND (10)	-	-	-	-	-	-	-
Carbon disulfide	µg/L	60	ND (10)	-	-	-	-	-	-	-
Carbon tetrachloride	µg/L	5	ND (10)	-	-	-	-	-	-	-
Chlorobenzene	µg/L	5	ND (10)	-	-	-	-	-	-	-
Chloroethane	µg/L	5	ND (10)	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/L	7	ND (10)	8.4	-	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/L	5	ND (10)	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/L	5	-	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/L	-	ND (10)	-	-	-	-	-	-	-
Cyclohexane	µg/L	-	-	-	-	-	-	-	-	-
Dibromochloromethane	µg/L	-	ND (10)	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/L	5	-	-	-	-	-	-	-	-
Ethylbenzene	µg/L	5	ND (10)	-	-	-	-	-	-	-
Isopropyl benzene	µg/L	5	-	-	-	-	-	-	-	-
m&p-Xylenes	µg/L	-	-	-	-	-	-	-	-	-
Methyl acetate	µg/L	-	-	-	-	-	-	-	-	-
Methyl cyclohexane	µg/L	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/L	-	-	-	-	-	-	-	-	-
Methylene chloride	µg/L	5	ND (10)	-	-	-	-	-	-	-
o-Xylene	µg/L	5	-	-	-	-	-	-	-	-
Styrene	µg/L	5	ND (10)	-	-	-	-	-	-	-
Tetrachloroethene	µg/L	5	ND (10)	-	-	-	-	-	-	-
Toluene	µg/L	5	ND (10)	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	µg/L	5	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/L	-	ND (10)	-	-	-	-	-	-	-
Trichloroethene	µg/L	5	ND (10)	-	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/L	5	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/L	5	-	-	-	-	-	-	-	-
Vinyl chloride	µg/L	2	ND (10)	-	-	-	-	-	-	-
Xylenes (total)	µg/L	-	ND (10)	-	-	-	-	-	-	-
Semi-Volatiles										
1,2,4-Trichlorobenzene	µg/L	5	ND (10)	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/L	3	ND (10)	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/L	3	ND (10)	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/L	3	ND (10)	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	5	ND (10)	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*BW-1*	*BW-3*	*BW-3*	*BW-3*	*BW-3*	*BW-3*	*BW-3*	*BW-3*
Sample ID:			*GW-WPW-007*	*BW-3*	*BW-3*	*BW-3*	*BW-3*	*BW-3*	*BW-3*	*BW-3*
Sample Date:			*7/30/1999*	*1/1/1985*	*1/25/1985*	*11/1/1988*	*11/1/1988*	*11/17/1988*	*12/1/1988*	*12/21/1988*
							Duplicate			
Parameter	*Units*	*New York TOGs Table 1*								
2,4,5-Trichlorophenol	µg/L	-	ND (25)	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/L	-	ND (10)	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/L	5	ND (10)	-	-	-	-	-	-	-
2,4-Dimethylphenol	µg/L	-	ND (10)	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/L	-	ND (25)	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/L	5	ND (10)	-	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/L	5	ND (10)	-	-	-	-	-	-	-
2-Chloronaphthalene	µg/L	-	ND (10)	-	-	-	-	-	-	-
2-Chlorophenol	µg/L	-	ND (10)	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/L	-	ND (10)	-	-	-	-	-	-	-
2-Methylphenol	µg/L	-	ND (10)	-	-	-	-	-	-	-
2-Nitroaniline	µg/L	5	ND (25)	-	-	-	-	-	-	-
2-Nitrophenol	µg/L	-	ND (10)	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/L	5	ND (10)	-	-	-	-	-	-	-
3-Nitroaniline	µg/L	5	ND (25)	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/L	-	ND (25)	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/L	-	ND (10)	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/L	-	ND (10)	-	-	-	-	-	-	-
4-Chloroaniline	µg/L	5	ND (10)	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/L	-	ND (10)	-	-	-	-	-	-	-
4-Methylphenol	µg/L	-	ND (10)	-	-	-	-	-	-	-
4-Nitroaniline	µg/L	5	ND (25)	-	-	-	-	-	-	-
4-Nitrophenol	µg/L	-	ND (25)	-	-	-	-	-	-	-
Acenaphthene	µg/L	-	ND (10)	-	-	-	-	-	-	-
Acenaphthylene	µg/L	-	ND (10)	-	-	-	-	-	-	-
Acetophenone	µg/L	-	-	-	-	-	-	-	-	-
Anthracene	µg/L	-	ND (10)	-	-	-	-	-	-	-
Atrazine	µg/L	7.5	-	-	-	-	-	-	-	-
Benzaldehyde	µg/L	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/L	-	ND (10)	-	-	-	-	-	-	-
Benzo(a)pyrene	µg/L	-	ND (10)	-	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/L	-	ND (10)	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/L	-	ND (10)	-	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/L	-	ND (10)	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/L	5	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/L	5	ND (10)	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/L	1	ND (10)	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	5	12	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/L	-	ND (10)	-	-	-	-	-	-	-
Caprolactam	µg/L	-	-	-	-	-	-	-	-	-
Carbazole	µg/L	-	ND (10)	-	-	-	-	-	-	-
Chrysene	µg/L	-	ND (10)	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/L	-	ND (10)	-	-	-	-	-	-	-
Dibenz(a,j)acridine	µg/L	-	-	-	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/L	-	-	-	-	-	-	-	-	-
Dibenzofuran	µg/L	-	ND (10)	-	-	-	-	-	-	-
Diethyl phthalate	µg/L	-	ND (10)	-	-	-	-	-	-	-
Dimethyl phthalate	µg/L	-	ND (10)	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/L	50	ND (10)	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/L	-	ND (10)	-	-	-	-	-	-	-
Fluoranthene	µg/L	-	ND (10)	-	-	-	-	-	-	-
Fluorene	µg/L	-	ND (10)	-	-	-	-	-	-	-
Hexachlorobenzene	µg/L	0.04	ND (10)	-	-	-	-	-	-	-
Hexachlorobutadiene	µg/L	0.5	ND (10)	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/L	5	ND (10)	-	-	-	-	-	-	-
Hexachloroethane	µg/L	5	ND (10)	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/L	-	ND (10)	-	-	-	-	-	-	-
Isophorone	µg/L	-	ND (10)	-	-	-	-	-	-	-
Naphthalene	µg/L	-	ND (10)	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*BW-1*	*BW-3*	*BW-3*	*BW-3*	*BW-3*	*BW-3*	*BW-3*	*BW-3*
Sample ID:			*GW-WPW-007*	*BW-3*	*BW-3*	*BW-3*	*BW-3*	*BW-3*	*BW-3*	*BW-3*
Sample Date:			*7/30/1999*	*1/1/1985*	*1/25/1985*	*11/1/1988*	*11/1/1988*	*11/17/1988*	*12/1/1988*	*12/21/1988*
							Duplicate			
Parameter	*Units*	*New York TOGs Table 1*								
Nitrobenzene	µg/L	0.4	ND (10)	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/L	-	ND (10)	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/L	-	ND (10)	-	-	-	-	-	-	-
Pentachlorophenol	µg/L	1	ND (25)	-	-	-	-	-	-	-
Phenanthrene	µg/L	-	ND (10)	-	-	-	-	-	-	-
Phenol	µg/L	1	ND (10)	-	-	-	-	-	-	-
Pyrene	µg/L	-	ND (10)	-	-	-	-	-	-	-
Metals										
Aluminum	µg/L	-	ND (166)	-	-	-	-	-	-	-
Aluminum (dissolved)	µg/L	-	33.3	-	-	-	-	-	-	-
Antimony	µg/L	3	ND (7.2)	ND (5)	-	-	-	-	-	-
Antimony (dissolved)	µg/L	3	ND (7.2)	-	-	-	-	-	-	-
Arsenic	µg/L	25	**216**	ND (10)	-	-	-	-	-	-
Arsenic (dissolved)	µg/L	25	**203**	-	-	-	-	-	-	-
Barium	µg/L	1000	24.9	-	-	-	-	-	-	-
Barium (dissolved)	µg/L	1000	25.2	-	-	-	-	-	-	-
Beryllium	µg/L	-	ND (0.41)	ND (1)	-	-	-	-	-	-
Beryllium (dissolved)	µg/L	-	ND (0.17)	-	-	-	-	-	-	-
Cadmium	µg/L	5	2.4	ND (1)	-	-	-	-	-	-
Cadmium (dissolved)	µg/L	5	2.1	-	-	ND (10)	ND (10)	-	1	-
Calcium	µg/L	-	123000	-	-	-	-	-	-	-
Calcium (dissolved)	µg/L	-	132000	-	-	-	-	-	-	-
Chromium	µg/L	50	0.75	15	-	-	-	-	-	-
Chromium Total (dissolved)	µg/L	50	ND (0.60)	-	-	-	-	-	-	-
Chromium VI (hexavalent)	µg/L	50	-	-	-	-	-	-	-	-
Chromium VI (hexavalent) (dissolved)	µg/L	50	-	-	-	-	-	-	-	-
Cobalt	µg/L	-	25.8	-	-	-	-	-	-	-
Cobalt (dissolved)	µg/L	-	26.0	-	-	-	-	-	-	-
Copper	µg/L	200	108	115	-	-	-	-	-	-
Copper (dissolved)	µg/L	200	64.0	-	-	-	-	-	-	-
Iron	µg/L	300	208	-	-	-	-	-	-	-
Iron (dissolved)	µg/L	300	21.3	-	-	-	-	-	-	-
Lead	µg/L	25	3.0	18	-	-	-	-	-	-
Lead (dissolved)	µg/L	25	ND (1.0)	-	-	**30**	10	-	ND (10)	-
Magnesium	µg/L	-	12700	-	-	-	-	-	-	-
Magnesium (dissolved)	µg/L	-	13700	-	-	-	-	-	-	-
Manganese	µg/L	300	**3350**	-	-	-	-	-	-	-
Manganese (dissolved)	µg/L	300	**3560**	-	-	-	-	-	-	-
Mercury	µg/L	0.7	ND (0.10)	ND (0.4)	-	-	-	-	-	-
Mercury (dissolved)	µg/L	0.7	ND (0.10)	-	-	-	-	-	-	-
Nickel	µg/L	100	27.2	57	-	-	-	-	-	-
Nickel (dissolved)	µg/L	100	25.6	-	-	-	-	-	-	-
Potassium	µg/L	-	8810 J	-	-	-	-	-	-	-
Potassium (dissolved)	µg/L	-	9090 J	-	-	-	-	-	-	-
Selenium	µg/L	10	**51.3**	6	-	-	-	-	-	-
Selenium (dissolved)	µg/L	10	**59.2**	-	-	-	-	-	-	-
Silver	µg/L	50	ND (0.60)	3	-	-	-	-	-	-
Silver (dissolved)	µg/L	50	ND (0.60)	-	-	-	-	-	-	-
Sodium	µg/L	20000	**21400**	-	-	-	-	-	-	-
Sodium (dissolved)	µg/L	20000	**20800**	-	-	-	-	-	-	-
Thallium	µg/L	-	5.6	ND (5)	-	-	-	-	-	-
Thallium (dissolved)	µg/L	-	2.4	-	-	-	-	-	-	-
Vanadium	µg/L	-	1.2	-	-	-	-	-	-	-
Vanadium (dissolved)	µg/L	-	ND (1.1)	-	-	-	-	-	-	-
Zinc	µg/L	-	1890	197	-	-	-	-	-	-
Zinc (dissolved)	µg/L	-	1840	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*BW-1*	*BW-3*	*BW-3*	*BW-3*	*BW-3*	*BW-3*	*BW-3*	*BW-3*
Sample ID:			*GW-WPW-007*	*BW-3*	*BW-3*	*BW-3*	*BW-3*	*BW-3*	*BW-3*	*BW-3*
Sample Date:			*7/30/1999*	*1/1/1985*	*1/25/1985*	*11/1/1988*	*11/1/1988*	*11/17/1988*	*12/1/1988*	*12/21/1988*
Parameter	*Units*	*New York TOGs Table 1*					*Duplicate*			
PCBs										
Aroclor-1016 (PCB-1016)	µg/L	-	ND (1.0)	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	µg/L	-	ND (2.0)	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	µg/L	-	ND (1.0)	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	µg/L	-	ND (1.0)	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	µg/L	-	ND (1.0)	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	µg/L	-	ND (1.0)	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	µg/L	-	ND (1.0)	-	-	-	-	-	-	-
Total PCBs	µg/L	-	ND	-	-	-	-	-	-	-
Pesticides										
4,4'-DDD	µg/L	0.3	ND (0.10)	-	-	-	-	-	-	-
4,4'-DDE	µg/L	0.2	ND (0.10)	-	-	-	-	-	-	-
4,4'-DDT	µg/L	0.2	ND (0.10)	-	-	-	-	-	-	-
Aldrin	µg/L	-	ND (0.050)	-	-	-	-	-	-	-
alpha-BHC	µg/L	0.01	ND (0.050)	-	-	-	-	-	-	-
alpha-Chlordane	µg/L	-	ND (0.050)	-	-	-	-	-	-	-
beta-BHC	µg/L	0.04	ND (0.050)	-	-	-	-	-	-	-
delta-BHC	µg/L	0.04	ND (0.050)	-	-	-	-	-	-	-
Dieldrin	µg/L	0.004	ND (0.10)	-	-	-	-	-	-	-
Endosulfan I	µg/L	-	ND (0.050)	-	-	-	-	-	-	-
Endosulfan II	µg/L	-	ND (0.10)	-	-	-	-	-	-	-
Endosulfan sulfate	µg/L	-	ND (0.10)	-	-	-	-	-	-	-
Endrin	µg/L	-	ND (0.10)	-	-	-	-	-	-	-
Endrin aldehyde	µg/L	5	ND (0.10)	-	-	-	-	-	-	-
Endrin ketone	µg/L	5	ND (0.10)	-	-	-	-	-	-	-
gamma-BHC (lindane)	µg/L	0.05	ND (0.050)	-	-	-	-	-	-	-
gamma-Chlordane	µg/L	-	ND (0.050)	-	-	-	-	-	-	-
Heptachlor	µg/L	0.04	ND (0.050)	-	-	-	-	-	-	-
Heptachlor epoxide	µg/L	0.03	ND (0.050)	-	-	-	-	-	-	-
Methoxychlor	µg/L	35	ND (0.50)	-	-	-	-	-	-	-
Toxaphene	µg/L	0.06	ND (5.0)	-	-	-	-	-	-	-
General Chemistry										
Alkalinity, total (as CaCO3)	µg/L	-	-	-	-	-	-	-	-	-
Ammonia-N	µg/L	-	-	-	-	-	-	-	-	-
Biochemical oxygen demand (BOD)	µg/L	-	-	-	-	-	-	-	-	-
Biochemical oxygen demand (carbonaceous)	µg/L	-	-	-	-	-	-	-	-	-
Calcium carbonate	µg/L	-	-	-	-	-	-	-	-	-
Chemical oxygen demand (COD)	µg/L	-	-	-	-	-	-	-	-	-
Chloride	µg/L	250000	-	-	-	60000	-	60	98000	98
Conductivity	µmhos/cm	-	-	-	-	-	-	-	-	-
Cyanide (amenable)	µg/L	-	-	-	-	-	-	-	-	-
Cyanide (dissolved)	µg/L	-	ND (10.0)	-	-	-	-	-	-	-
Cyanide (total)	µg/L	200	ND (10.0)	ND (20)	-	-	-	-	-	-
Ignitability	deg C	-	-	-	-	-	-	-	-	-
Nitrate (as N)	µg/L	10000	-	-	-	-	-	-	-	-
Nitrite (as N)	µg/L	1000	-	-	-	-	-	-	-	-
Nitrite/Nitrate	µg/L	10000	-	-	-	-	-	-	-	-
Nitrogen	µg/L	-	-	-	-	-	-	-	-	-
pH	s.u.	6.5-8.5	-	-	-	-	-	-	-	-
pH (water)	s.u.	6.5-8.5	-	-	-	-	-	-	-	-
pH corrosivity	s.u.	-	-	6.3	-	6.67	-	-	6.54	-
Reactive cyanide	µg/L	-	-	-	-	-	-	-	-	-
Reactive sulfide	µg/L	-	-	-	-	-	-	-	-	-
Sulfate	µg/L	250000	-	-	**1540000**	-	-	-	-	-
Sulfide	µg/L	-	-	-	-	-	-	-	-	-
Total dissolved solids (TDS)	µg/L	500000	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*BW-1*	*BW-3*	*BW-3*	*BW-3*	*BW-3*	*BW-3*	*BW-3*	*BW-3*
Sample ID:			*GW-WPW-007*	*BW-3*	*BW-3*	*BW-3*	*BW-3*	*BW-3*	*BW-3*	*BW-3*
Sample Date:			*7/30/1999*	*1/1/1985*	*1/25/1985*	*11/1/1988*	*11/1/1988*	*11/17/1988*	*12/1/1988*	*12/21/1988*
							Duplicate			
Parameter	*Units*	*New York TOGs Table 1*								
Total kjeldahl nitrogen (TKN)	µg/L	-	-	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/L	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/L	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Non-Polar Material - SGT HEM	µg/L	-	-	-	-	-	-	-	-	-
Total solids	µg/L	-	-	-	-	-	-	-	-	-
Total suspended solids (TSS)	µg/L	-	-	-	-	-	-	-	-	-
Field Parameters										
Conductivity, field	mS/cm	-	-	-	-	-	-	-	-	-
Dissolved oxygen (DO), field	µg/L	-	-	-	-	-	-	-	-	-
Oxidation reduction potential (ORP), field	millivolts	-	-	-	-	-	-	-	-	-
pH, field	s.u.	6.5-8.5	-	-	-	-	-	-	-	-
Salinity	%	-	-	-	-	-	-	-	-	-
Temperature, field	deg C	-	-	-	-	-	-	-	-	-
Turbidity	NTU	5	-	-	-	-	-	-	-	-

Notes:

(DT) - Analytical results for total and dissolved metals were originally reversed in the original analytical data package, and have been corrected in this table.

> - Greater than amount reported.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

S - Value determined by the method of standard addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

W - Post-digestion spike out of control limits.

- - Not applicable.

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*BW-3*	*BW-3*	*BW-3*	*BW-3*	*BW-3*	*BW-3*
Sample ID:			*BW-3*	*BW-3*	*BW-3*	*BW-3*	*BW-3*	*BW-3*
Sample Date:			*11/1/1990*	*1/1/1991*	*1/1/1991*	*4/1/1991*	*6/1/1991*	*11/1/1991*
		New York			*Duplicate*			
Parameter	*Units*	*TOGs Table 1*						
Volatiles								
1,1,1-Trichloroethane	µg/L	5	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/L	5	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/L	1	-	-	-	-	-	-
1,1-Dichloroethane	µg/L	5	-	-	-	-	-	-
1,1-Dichloroethene	µg/L	5	-	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/L	5	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	0.04	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/L	0.0006	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/L	3	-	-	-	-	-	-
1,2-Dichloroethane	µg/L	0.6	-	-	-	-	-	-
1,2-Dichloroethene (total)	µg/L	-	-	-	-	-	-	-
1,2-Dichloropropane	µg/L	1	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/L	3	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/L	3	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	-	-	-	-	-	-	-
2-Hexanone	µg/L	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	-	-	-	-	-	-	-
Acetone	µg/L	-	-	-	-	-	-	-
Benzene	µg/L	1	-	-	-	-	-	-
Bromodichloromethane	µg/L	-	-	-	-	-	-	-
Bromoform	µg/L	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/L	5	-	-	-	-	-	-
Carbon disulfide	µg/L	60	-	-	-	-	-	-
Carbon tetrachloride	µg/L	5	-	-	-	-	-	-
Chlorobenzene	µg/L	5	-	-	-	-	-	-
Chloroethane	µg/L	5	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/L	7	-	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/L	5	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/L	5	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/L	-	-	-	-	-	-	-
Cyclohexane	µg/L	-	-	-	-	-	-	-
Dibromochloromethane	µg/L	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/L	5	-	-	-	-	-	-
Ethylbenzene	µg/L	5	-	-	-	-	-	-
Isopropyl benzene	µg/L	5	-	-	-	-	-	-
m&p-Xylenes	µg/L	-	-	-	-	-	-	-
Methyl acetate	µg/L	-	-	-	-	-	-	-
Methyl cyclohexane	µg/L	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/L	-	-	-	-	-	-	-
Methylene chloride	µg/L	5	-	-	-	-	-	-
o-Xylene	µg/L	5	-	-	-	-	-	-
Styrene	µg/L	5	-	-	-	-	-	-
Tetrachloroethene	µg/L	5	-	-	-	-	-	-
Toluene	µg/L	5	-	-	-	-	-	-
trans-1,2-Dichloroethene	µg/L	5	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/L	-	-	-	-	-	-	-
Trichloroethene	µg/L	5	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/L	5	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/L	5	-	-	-	-	-	-
Vinyl chloride	µg/L	2	-	-	-	-	-	-
Xylenes (total)	µg/L	-	-	-	-	-	-	-
Semi-Volatiles								
1,2,4-Trichlorobenzene	µg/L	5	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/L	3	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/L	3	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/L	3	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	5	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*BW-3*	*BW-3*	*BW-3*	*BW-3*	*BW-3*	*BW-3*
Sample ID:			*BW-3*	*BW-3*	*BW-3*	*BW-3*	*BW-3*	*BW-3*
Sample Date:			*11/1/1990*	*1/1/1991*	*1/1/1991*	*4/1/1991*	*6/1/1991*	*11/1/1991*
		New York			*Duplicate*			
Parameter	*Units*	*TOGs Table 1*						
2,4,5-Trichlorophenol	µg/L	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/L	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/L	5	-	-	-	-	-	-
2,4-Dimethylphenol	µg/L	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/L	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/L	5	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/L	5	-	-	-	-	-	-
2-Chloronaphthalene	µg/L	-	-	-	-	-	-	-
2-Chlorophenol	µg/L	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/L	-	-	-	-	-	-	-
2-Methylphenol	µg/L	-	-	-	-	-	-	-
2-Nitroaniline	µg/L	5	-	-	-	-	-	-
2-Nitrophenol	µg/L	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/L	5	-	-	-	-	-	-
3-Nitroaniline	µg/L	5	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/L	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/L	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/L	-	-	-	-	-	-	-
4-Chloroaniline	µg/L	5	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/L	-	-	-	-	-	-	-
4-Methylphenol	µg/L	-	-	-	-	-	-	-
4-Nitroaniline	µg/L	5	-	-	-	-	-	-
4-Nitrophenol	µg/L	-	-	-	-	-	-	-
Acenaphthene	µg/L	-	-	-	-	-	-	-
Acenaphthylene	µg/L	-	-	-	-	-	-	-
Acetophenone	µg/L	-	-	-	-	-	-	-
Anthracene	µg/L	-	-	-	-	-	-	-
Atrazine	µg/L	7.5	-	-	-	-	-	-
Benzaldehyde	µg/L	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/L	-	-	-	-	-	-	-
Benzo(a)pyrene	µg/L	-	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/L	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/L	-	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/L	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/L	5	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/L	5	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/L	1	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	5	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/L	-	-	-	-	-	-	-
Caprolactam	µg/L	-	-	-	-	-	-	-
Carbazole	µg/L	-	-	-	-	-	-	-
Chrysene	µg/L	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/L	-	-	-	-	-	-	-
Dibenz(a,j)acridine	µg/L	-	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/L	-	-	-	-	-	-	-
Dibenzofuran	µg/L	-	-	-	-	-	-	-
Diethyl phthalate	µg/L	-	-	-	-	-	-	-
Dimethyl phthalate	µg/L	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/L	50	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/L	-	-	-	-	-	-	-
Fluoranthene	µg/L	-	-	-	-	-	-	-
Fluorene	µg/L	-	-	-	-	-	-	-
Hexachlorobenzene	µg/L	0.04	-	-	-	-	-	-
Hexachlorobutadiene	µg/L	0.5	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/L	5	-	-	-	-	-	-
Hexachloroethane	µg/L	5	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/L	-	-	-	-	-	-	-
Isophorone	µg/L	-	-	-	-	-	-	-
Naphthalene	µg/L	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*BW-3*	*BW-3*	*BW-3*	*BW-3*	*BW-3*	*BW-3*
Sample ID:			*BW-3*	*BW-3*	*BW-3*	*BW-3*	*BW-3*	*BW-3*
Sample Date:			*11/1/1990*	*1/1/1991*	*1/1/1991*	*4/1/1991*	*6/1/1991*	*11/1/1991*
					Duplicate			
Parameter	*Units*	*New York TOGs Table 1*						
Nitrobenzene	µg/L	0.4	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/L	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/L	-	-	-	-	-	-	-
Pentachlorophenol	µg/L	1	-	-	-	-	-	-
Phenanthrene	µg/L	-	-	-	-	-	-	-
Phenol	µg/L	1	-	-	-	-	-	-
Pyrene	µg/L	-	-	-	-	-	-	-
Metals								
Aluminum	µg/L	-	-	-	-	-	-	-
Aluminum (dissolved)	µg/L	-	-	-	-	-	-	-
Antimony	µg/L	3	-	-	-	-	-	-
Antimony (dissolved)	µg/L	3	-	-	-	-	-	-
Arsenic	µg/L	25	-	-	-	-	-	-
Arsenic (dissolved)	µg/L	25	-	-	-	-	-	-
Barium	µg/L	1000	-	-	-	-	-	-
Barium (dissolved)	µg/L	1000	-	-	-	-	-	-
Beryllium	µg/L	-	-	-	-	-	-	-
Beryllium (dissolved)	µg/L	-	-	-	-	-	-	-
Cadmium	µg/L	5	1.7/2.7	**3.6/7.7**	**10.6**	**1.4/9.6**	ND (2.5) UJ/ND (2.5)	ND (2.5)
Cadmium (dissolved)	µg/L	5	ND (1)/ND (1)	**8.0/3.7**	**8.0**	-	ND (2.5)/ND (2.5)	ND (2.5)
Calcium	µg/L	-	-	-	-	-	-	-
Calcium (dissolved)	µg/L	-	-	-	-	-	-	-
Chromium	µg/L	50	-	-	-	-	-	-
Chromium Total (dissolved)	µg/L	50	-	-	-	-	-	-
Chromium VI (hexavalent)	µg/L	50	-	-	-	-	-	-
Chromium VI (hexavalent) (dissolved)	µg/L	50	-	-	-	-	-	-
Cobalt	µg/L	-	-	-	-	-	-	-
Cobalt (dissolved)	µg/L	-	-	-	-	-	-	-
Copper	µg/L	200	-	-	-	-	-	-
Copper (dissolved)	µg/L	200	-	-	-	-	-	-
Iron	µg/L	300	-	-	-	-	-	-
Iron (dissolved)	µg/L	300	-	-	-	-	-	-
Lead	µg/L	25	5.7/6.3	ND (2)/ND (2)	ND (2)	ND (2)/ND (2)	2.6/ND (2)	ND (2)
Lead (dissolved)	µg/L	25	ND (2)/ND (2)	ND (2)/ND (2)	ND (2)	ND (2)/ND (2)	ND (2)/2.6	ND (2)
Magnesium	µg/L	-	-	-	-	-	-	-
Magnesium (dissolved)	µg/L	-	-	-	-	-	-	-
Manganese	µg/L	300	-	-	-	-	-	-
Manganese (dissolved)	µg/L	300	-	-	-	-	-	-
Mercury	µg/L	0.7	-	-	-	-	-	-
Mercury (dissolved)	µg/L	0.7	-	-	-	-	-	-
Nickel	µg/L	100	-	-	-	-	-	-
Nickel (dissolved)	µg/L	100	-	-	-	-	-	-
Potassium	µg/L	-	-	-	-	-	-	-
Potassium (dissolved)	µg/L	-	-	-	-	-	-	-
Selenium	µg/L	10	-	-	-	-	-	-
Selenium (dissolved)	µg/L	10	-	-	-	-	-	-
Silver	µg/L	50	-	-	-	-	-	-
Silver (dissolved)	µg/L	50	-	-	-	-	-	-
Sodium	µg/L	20000	-	-	-	-	-	-
Sodium (dissolved)	µg/L	20000	-	-	-	-	-	-
Thallium	µg/L	-	-	-	-	-	-	-
Thallium (dissolved)	µg/L	-	-	-	-	-	-	-
Vanadium	µg/L	-	-	-	-	-	-	-
Vanadium (dissolved)	µg/L	-	-	-	-	-	-	-
Zinc	µg/L	-	-	-	-	-	-	-
Zinc (dissolved)	µg/L	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*BW-3*	*BW-3*	*BW-3*	*BW-3*	*BW-3*	*BW-3*
Sample ID:			*BW-3*	*BW-3*	*BW-3*	*BW-3*	*BW-3*	*BW-3*
Sample Date:			*11/1/1990*	*1/1/1991*	*1/1/1991*	*4/1/1991*	*6/1/1991*	*11/1/1991*
		New York			*Duplicate*			
Parameter	*Units*	*TOGs Table 1*						
PCBs								
Aroclor-1016 (PCB-1016)	µg/L	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	µg/L	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	µg/L	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	µg/L	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	µg/L	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	µg/L	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	µg/L	-	-	-	-	-	-	-
Total PCBs	µg/L	-	-	-	-	-	-	-
Pesticides								
4,4'-DDD	µg/L	0.3	-	-	-	-	-	-
4,4'-DDE	µg/L	0.2	-	-	-	-	-	-
4,4'-DDT	µg/L	0.2	-	-	-	-	-	-
Aldrin	µg/L	-	-	-	-	-	-	-
alpha-BHC	µg/L	0.01	-	-	-	-	-	-
alpha-Chlordane	µg/L	-	-	-	-	-	-	-
beta-BHC	µg/L	0.04	-	-	-	-	-	-
delta-BHC	µg/L	0.04	-	-	-	-	-	-
Dieldrin	µg/L	0.004	-	-	-	-	-	-
Endosulfan I	µg/L	-	-	-	-	-	-	-
Endosulfan II	µg/L	-	-	-	-	-	-	-
Endosulfan sulfate	µg/L	-	-	-	-	-	-	-
Endrin	µg/L	-	-	-	-	-	-	-
Endrin aldehyde	µg/L	5	-	-	-	-	-	-
Endrin ketone	µg/L	5	-	-	-	-	-	-
gamma-BHC (lindane)	µg/L	0.05	-	-	-	-	-	-
gamma-Chlordane	µg/L	-	-	-	-	-	-	-
Heptachlor	µg/L	0.04	-	-	-	-	-	-
Heptachlor epoxide	µg/L	0.03	-	-	-	-	-	-
Methoxychlor	µg/L	35	-	-	-	-	-	-
Toxaphene	µg/L	0.06	-	-	-	-	-	-
General Chemistry								
Alkalinity, total (as CaCO3)	µg/L	-	-	-	-	-	-	-
Ammonia-N	µg/L	-	-	-	-	-	-	-
Biochemical oxygen demand (BOD)	µg/L	-	-	-	-	-	-	-
Biochemical oxygen demand (carbonaceous)	µg/L	-	-	-	-	-	-	-
Calcium carbonate	µg/L	-	-	-	-	-	-	-
Chemical oxygen demand (COD)	µg/L	-	-	-	-	-	-	-
Chloride	µg/L	250000	-	-	-	-	-	-
Conductivity	µmhos/cm	-	-	-	-	-	-	-
Cyanide (amenable)	µg/L	-	-	-	-	-	-	-
Cyanide (dissolved)	µg/L	-	-	-	-	-	-	-
Cyanide (total)	µg/L	200	-	-	-	-	-	-
Ignitability	deg C	-	-	-	-	-	-	-
Nitrate (as N)	µg/L	10000	-	-	-	-	-	-
Nitrite (as N)	µg/L	1000	-	-	-	-	-	-
Nitrite/Nitrate	µg/L	10000	-	-	-	-	-	-
Nitrogen	µg/L	-	-	-	-	-	-	-
pH	s.u.	6.5-8.5	-	-	-	-	-	-
pH (water)	s.u.	6.5-8.5	-	-	-	-	-	-
pH corrosivity	s.u.	-	-	-	-	-	-	-
Reactive cyanide	µg/L	-	-	-	-	-	-	-
Reactive sulfide	µg/L	-	-	-	-	-	-	-
Sulfate	µg/L	250000	-	-	-	-	-	-
Sulfide	µg/L	-	-	-	-	-	-	-
Total dissolved solids (TDS)	µg/L	500000	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*BW-3*	*BW-3*	*BW-3*	*BW-3*	*BW-3*	*BW-3*
Sample ID:			*BW-3*	*BW-3*	*BW-3*	*BW-3*	*BW-3*	*BW-3*
Sample Date:			*11/1/1990*	*1/1/1991*	*1/1/1991*	*4/1/1991*	*6/1/1991*	*11/1/1991*
		New York			*Duplicate*			
Parameter	*Units*	*TOGs Table 1*						
Total kjeldahl nitrogen (TKN)	µg/L	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/L	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/L	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Non-Polar Material - SGT HEM	µg/L	-	-	-	-	-	-	-
Total solids	µg/L	-	-	-	-	-	-	-
Total suspended solids (TSS)	µg/L	-	-	-	-	-	-	-
Field Parameters								
Conductivity, field	mS/cm	-	-	-	-	-	-	-
Dissolved oxygen (DO), field	µg/L	-	-	-	-	-	-	-
Oxidation reduction potential (ORP), field	millivolts	-	-	-	-	-	-	-
pH, field	s.u.	6.5-8.5	-	-	-	-	-	-
Salinity	%	-	-	-	-	-	-	-
Temperature, field	deg C	-	-	-	-	-	-	-
Turbidity	NTU	5	-	-	-	-	-	-

Notes:

(DT) - Analytical results for total and dissolved metals were originally reversed in the original analytical data package, and have been corrected in this table.

> - Greater than amount reported.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

S - Value determined by the method of standard addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

W - Post-digestion spike out of control limits.

- - Not applicable.

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*BW-3*	*EW2*	*EW2*	*EW3*	*EW3*
Sample ID:			*GW-WPW-013*	*GW-34084-030504-RR-003*	*GW-34084-030504-RR-004*	*GW-34084-030404-SW-001*	*GW-031504-MA-001*
Sample Date:			*8/2/1999*	*3/5/2004*	*3/5/2004*	*3/4/2004*	*3/15/2004*
					Duplicate		
Parameter	*Units*	*New York TOGs Table 1*					
Volatiles							
1,1,1-Trichloroethane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10) UJ
1,1,2,2-Tetrachloroethane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
1,1,2-Trichloroethane	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
1,1-Dichloroethane	µg/L	5	1 J	ND (10)	ND (10)	ND (10)	ND (10)
1,1-Dichloroethene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
1,2,4-Trichlorobenzene	µg/L	5	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	0.04	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/L	0.0006	-	-	-	-	-
1,2-Dichlorobenzene	µg/L	3	-	-	-	-	-
1,2-Dichloroethane	µg/L	0.6	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
1,2-Dichloroethene (total)	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
1,2-Dichloropropane	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
1,3-Dichlorobenzene	µg/L	3	-	-	-	-	-
1,4-Dichlorobenzene	µg/L	3	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	-	ND (10) J	ND (10)	ND (10)	1 J	3 J
2-Hexanone	µg/L	-	ND (10) J	ND (10)	ND (10)	ND (10)	ND (10)
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	-	ND (10) J	ND (10)	ND (10)	ND (10)	ND (10) UJ
Acetone	µg/L	-	ND (10) J	3 J	4 J	4 J	ND (10)
Benzene	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Bromodichloromethane	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Bromoform	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Bromomethane (Methyl bromide)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Carbon disulfide	µg/L	60	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Carbon tetrachloride	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Chlorobenzene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Chloroethane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Chloroform (Trichloromethane)	µg/L	7	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Chloromethane (Methyl chloride)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
cis-1,2-Dichloroethene	µg/L	5	-	-	-	-	-
cis-1,3-Dichloropropene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Cyclohexane	µg/L	-	-	-	-	-	-
Dibromochloromethane	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Dichlorodifluoromethane (CFC-12)	µg/L	5	-	-	-	-	-
Ethylbenzene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Isopropyl benzene	µg/L	5	-	-	-	-	-
m&p-Xylenes	µg/L	-	-	-	-	-	-
Methyl acetate	µg/L	-	-	-	-	-	-
Methyl cyclohexane	µg/L	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/L	-	-	3 J	3 J	ND (10)	ND (10)
Methylene chloride	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
o-Xylene	µg/L	5	-	-	-	-	-
Styrene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Tetrachloroethene	µg/L	5	ND (10)	ND (10) U	ND (10) U	ND (10) U	ND (10)
Toluene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
trans-1,2-Dichloroethene	µg/L	5	-	-	-	-	-
trans-1,3-Dichloropropene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Trichloroethene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Trichlorofluoromethane (CFC-11)	µg/L	5	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/L	5	-	-	-	-	-
Vinyl chloride	µg/L	2	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Xylenes (total)	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
1,2-Dichlorobenzene	µg/L	3	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
1,3-Dichlorobenzene	µg/L	3	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
1,4-Dichlorobenzene	µg/L	3	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*BW-3*	*EW2*	*EW2*	*EW3*	*EW3*
Sample ID:			*GW-WPW-013*	*GW-34084-030504-RR-003*	*GW-34084-030504-RR-004*	*GW-34084-030404-SW-001*	*GW-031504-MA-001*
Sample Date:			*8/2/1999*	*3/5/2004*	*3/5/2004*	*3/4/2004*	*3/15/2004*
					Duplicate		
Parameter	*Units*	*New York TOGs Table 1*					
2,4,5-Trichlorophenol	µg/L	-	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)
2,4,6-Trichlorophenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2,4-Dichlorophenol	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2,4-Dimethylphenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2,4-Dinitrophenol	µg/L	-	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)
2,4-Dinitrotoluene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2,6-Dinitrotoluene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2-Chloronaphthalene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2-Chlorophenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2-Methylnaphthalene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2-Methylphenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2-Nitroaniline	µg/L	5	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)
2-Nitrophenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
3,3'-Dichlorobenzidine	µg/L	5	ND (10)	ND (20)	ND (20)	ND (20)	ND (20)
3-Nitroaniline	µg/L	5	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)
4,6-Dinitro-2-methylphenol	µg/L	-	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)
4-Bromophenyl phenyl ether	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
4-Chloro-3-methylphenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
4-Chloroaniline	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
4-Chlorophenyl phenyl ether	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
4-Methylphenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
4-Nitroaniline	µg/L	5	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)
4-Nitrophenol	µg/L	-	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)
Acenaphthene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Acenaphthylene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Acetophenone	µg/L	-	-	-	-	-	-
Anthracene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Atrazine	µg/L	7.5	-	-	-	-	-
Benzaldehyde	µg/L	-	-	-	-	-	-
Benzo(a)anthracene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Benzo(a)pyrene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Benzo(b)fluoranthene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Benzo(g,h,i)perylene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Benzo(k)fluoranthene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Biphenyl (1,1-Biphenyl)	µg/L	5	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
bis(2-Chloroethyl)ether	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	5	1 J	ND (10)	ND (10)	ND (10)	ND (10)
Butyl benzylphthalate (BBP)	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Caprolactam	µg/L	-	-	-	-	-	-
Carbazole	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Chrysene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Dibenz(a,h)anthracene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Dibenz(a,j)acridine	µg/L	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/L	-	-	-	-	-	-
Dibenzofuran	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Diethyl phthalate	µg/L	-	ND (10)	ND (10)	ND (10)	1 J	ND (10)
Dimethyl phthalate	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Di-n-butylphthalate (DBP)	µg/L	50	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Di-n-octyl phthalate (DnOP)	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Fluoranthene	µg/L	-	ND (10)	2 J	3 J	ND (10)	ND (10)
Fluorene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Hexachlorobenzene	µg/L	0.04	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Hexachlorobutadiene	µg/L	0.5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Hexachlorocyclopentadiene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Hexachloroethane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Indeno(1,2,3-cd)pyrene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Isophorone	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Naphthalene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*BW-3*	*EW2*	*EW2*	*EW3*	*EW3*
Sample ID:			*GW-WPW-013*	*GW-34084-030504-RR-003*	*GW-34084-030504-RR-004*	*GW-34084-030404-SW-001*	*GW-031504-MA-001*
Sample Date:			*8/2/1999*	*3/5/2004*	*3/5/2004*	*3/4/2004*	*3/15/2004*
					Duplicate		
Parameter	*Units*	*New York TOGs Table 1*					
Nitrobenzene	µg/L	0.4	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
N-Nitrosodi-n-propylamine	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
N-Nitrosodiphenylamine	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Pentachlorophenol	µg/L	1	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)
Phenanthrene	µg/L	-	ND (10)	ND (10)	1 J	ND (10)	ND (10)
Phenol	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Pyrene	µg/L	-	ND (10)	2 J	2 J	ND (10)	ND (10)
Metals							
Aluminum	µg/L	-	2230	854 J	2260 J	98.0	65.1
Aluminum (dissolved)	µg/L	-	ND (48.5)	R	R	R	ND (9.7) UJ
Antimony	µg/L	3	ND (7.2)	ND (2.8)	ND (2.8)	**3.1**	ND (1.6)
Antimony (dissolved)	µg/L	3	ND (7.2)	ND (2.8) UJ	ND (2.8) UJ	**3.8 J**	ND (2.8) UJ
Arsenic	µg/L	25	**38.2**	4.6	8.9	13.7	11.7
Arsenic (dissolved)	µg/L	25	3.3	ND (2.2) UJ	2.3 J	11.0 J	8.9 J
Barium	µg/L	1000	40.1	32.0	34.2	46.4	56.6
Barium (dissolved)	µg/L	1000	22.3	22.0 J	18.7 J	44.9 J	50.4 J
Beryllium	µg/L	-	0.42	0.15	0.27	0.12	0.64
Beryllium (dissolved)	µg/L	-	0.22	ND (0.11) UJ	ND (0.11) UJ	ND (0.14) UJ	0.48 J
Cadmium	µg/L	5	0.51	ND (0.30)	0.53	ND (0.30)	1.0
Cadmium (dissolved)	µg/L	5	ND (0.30)	ND (0.30) UJ	ND (0.30) UJ	ND (0.30) UJ	0.35 J
Calcium	µg/L	-	533000	273000	244000	162000	201000
Calcium (dissolved)	µg/L	-	540000	286000 J	253000 J	166000 J	187000 J
Chromium	µg/L	50	6.2	4.4	7.5	1.8	2.0
Chromium Total (dissolved)	µg/L	50	ND (0.60)	0.61 J	ND (0.60) UJ	ND (0.60) UJ	ND (0.60) UJ
Chromium VI (hexavalent)	µg/L	50	-	ND (20)	ND (20)	ND (20)	ND (20)
Chromium VI (hexavalent) (dissolved)	µg/L	50	-	-	-	-	-
Cobalt	µg/L	-	4.1	4.2	6.1	3.9	4.1
Cobalt (dissolved)	µg/L	-	1.7	2.2 J	4.6 J	3.7 J	3.6 J
Copper	µg/L	200	157	14.3 J	59.3 J	19.0	27.4 J
Copper (dissolved)	µg/L	200	ND (1.0)	ND (1.3) UJ	ND (1.3) UJ	ND (1.3) UJ	2.1 J
Iron	µg/L	300	**26100**	**10000**	**7980**	**643**	**947**
Iron (dissolved)	µg/L	300	**1720**	**6790 J**	**3550 J**	77.8 J	14.3 J
Lead	µg/L	25	10.7	10.3	**42.8**	2.0	2.6
Lead (dissolved)	µg/L	25	ND (1.0)	ND (1.1) UJ	ND (1.1) UJ	ND (1.1) UJ	ND (1.1) UJ
Magnesium	µg/L	-	43500	60600	59400	226000	343000
Magnesium (dissolved)	µg/L	-	44300	63500 J	61900 J	230000 J	321000 J
Manganese	µg/L	300	**1280**	**636**	**584**	**833**	**767**
Manganese (dissolved)	µg/L	300	**1150**	**645 J**	**568 J**	**843 J**	**715 J**
Mercury	µg/L	0.7	ND (0.10)	0.13	0.30	ND (0.10)	ND (0.10)
Mercury (dissolved)	µg/L	0.7	ND (0.10)	ND (0.10) UJ	ND (0.10) UJ	ND (0.10) UJ	ND (0.10) UJ
Nickel	µg/L	100	30.5	34.7	30.7	12.5	36.8
Nickel (dissolved)	µg/L	100	14.4	33.7 J	26.8 J	11.3 J	31.7 J
Potassium	µg/L	-	29300 J	35400	31600	109000	167000
Potassium (dissolved)	µg/L	-	30500 J	35600 J	32400 J	108000 J	156000 J
Selenium	µg/L	10	ND (3.7)	ND (2.0) UJ	2.4 J	ND (2.0) UJ	ND (1.8)
Selenium (dissolved)	µg/L	10	ND (3.7)	ND (2.0) UJ	2.6 J	ND (2.0) UJ	4.2 J
Silver	µg/L	50	ND (1.4)	0.54	ND (0.40)	0.82	1.4
Silver (dissolved)	µg/L	50	ND (1.5)	0.54 J	ND (0.40) UJ	1.2 J	0.70 J
Sodium	µg/L	20000	**45500**	**117000**	**117000**	**1550000**	**2290000**
Sodium (dissolved)	µg/L	20000	**46900**	**120000 J**	**121000 J**	**1520000 J**	**2310000 J**
Thallium	µg/L	-	ND (7.3)	ND (2.3)	ND (2.3)	ND (2.3)	ND (1.9)
Thallium (dissolved)	µg/L	-	ND (5.3)	ND (2.3) UJ	ND (2.3) UJ	ND (2.3) UJ	2.4 J
Vanadium	µg/L	-	11.2	5.2	13.1	5.7	8.6
Vanadium (dissolved)	µg/L	-	ND (1.1)	2.7 J	3.8 J	4.7 J	4.0 J
Zinc	µg/L	-	142	54.4 J	135 J	47.3	123
Zinc (dissolved)	µg/L	-	18.1	3.3 J	5.2 J	6.7 J	54.0 J

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
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Sample Location:			*BW-3*	*EW2*	*EW2*	*EW3*	*EW3*
Sample ID:			*GW-WPW-013*	*GW-34084-030504-RR-003*	*GW-34084-030504-RR-004*	*GW-34084-030404-SW-001*	*GW-031504-MA-001*
Sample Date:			*8/2/1999*	*3/5/2004*	*3/5/2004*	*3/4/2004*	*3/15/2004*
					Duplicate		
Parameter	*Units*	*New York TOGs Table 1*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/L	-	ND (1.0)	ND (0.065)	ND (0.065)	ND (0.065) UJ	ND (0.065)
Aroclor-1221 (PCB-1221)	µg/L	-	ND (2.0)	ND (0.065)	ND (0.065)	ND (0.065) UJ	ND (0.065)
Aroclor-1232 (PCB-1232)	µg/L	-	ND (1.0)	ND (0.065)	ND (0.065)	ND (0.065) UJ	ND (0.065)
Aroclor-1242 (PCB-1242)	µg/L	-	ND (1.0)	ND (0.065)	ND (0.065)	ND (0.065) UJ	ND (0.065)
Aroclor-1248 (PCB-1248)	µg/L	-	ND (1.0)	ND (0.065)	ND (0.065)	ND (0.065) UJ	ND (0.065)
Aroclor-1254 (PCB-1254)	µg/L	-	ND (1.0)	ND (0.065)	ND (0.065)	ND (0.065) UJ	ND (0.065)
Aroclor-1260 (PCB-1260)	µg/L	-	ND (1.0)	ND (0.065)	ND (0.065)	ND (0.065) UJ	ND (0.065)
Total PCBs	µg/L	-	ND	ND	ND	ND	ND
Pesticides							
4,4'-DDD	µg/L	0.3	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10) UJ	ND (0.10)
4,4'-DDE	µg/L	0.2	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10) UJ	ND (0.10)
4,4'-DDT	µg/L	0.2	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10) UJ	ND (0.10)
Aldrin	µg/L	-	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050) UJ	ND (0.050)
alpha-BHC	µg/L	0.01	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050) UJ	ND (0.050)
alpha-Chlordane	µg/L	-	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050) UJ	ND (0.050)
beta-BHC	µg/L	0.04	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050) UJ	ND (0.050)
delta-BHC	µg/L	0.04	ND (0.050)	ND (0.050) UJ	ND (0.050) UJ	ND (0.050) UJ	ND (0.050)
Dieldrin	µg/L	0.004	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10) UJ	ND (0.10)
Endosulfan I	µg/L	-	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050) UJ	ND (0.050)
Endosulfan II	µg/L	-	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10) UJ	ND (0.10)
Endosulfan sulfate	µg/L	-	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10) UJ	ND (0.10)
Endrin	µg/L	-	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10) UJ	ND (0.10)
Endrin aldehyde	µg/L	5	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10) UJ	ND (0.10)
Endrin ketone	µg/L	5	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10) UJ	ND (0.10)
gamma-BHC (lindane)	µg/L	0.05	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050) UJ	ND (0.050)
gamma-Chlordane	µg/L	-	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050) UJ	ND (0.050)
Heptachlor	µg/L	0.04	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050) UJ	ND (0.050)
Heptachlor epoxide	µg/L	0.03	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050) UJ	ND (0.050)
Methoxychlor	µg/L	35	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50) UJ	ND (0.50)
Toxaphene	µg/L	0.06	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0) UJ	ND (5.0)
General Chemistry							
Alkalinity, total (as CaCO3)	µg/L	-	-	466000	458000	303000	282000
Ammonia-N	µg/L	-	-	-	-	-	730
Biochemical oxygen demand (BOD)	µg/L	-	-	-	-	-	-
Biochemical oxygen demand (carbonaceous)	µg/L	-	-	-	-	-	-
Calcium carbonate	µg/L	-	-	960000	860000	1520000	1800000
Chemical oxygen demand (COD)	µg/L	-	-	-	-	-	-
Chloride	µg/L	250000	-	120000	119000	**2720000**	**4980000**
Conductivity	µmhos/cm	-	-	-	-	-	-
Cyanide (amenable)	µg/L	-	-	ND (10)	ND (10)	ND (10)	ND (10)
Cyanide (dissolved)	µg/L	-	ND (10.0)	-	-	-	-
Cyanide (total)	µg/L	200	ND (10.0)	46.2	55.6	ND (10.0)	ND (10.0)
Ignitability	deg C	-	-	60 >	60 >	60 >	60 >
Nitrate (as N)	µg/L	10000	-	ND (100)	ND (100)	ND (100)	ND (100)
Nitrite (as N)	µg/L	1000	-	ND (100)	ND (100)	ND (100)	ND (100)
Nitrite/Nitrate	µg/L	10000	-	-	-	-	-
Nitrogen	µg/L	-	-	-	-	-	-
pH	s.u.	6.5-8.5	-	-	-	-	-
pH (water)	s.u.	6.5-8.5	-	6.7	6.7	7.2	7.1
pH corrosivity	s.u.	-	-	-	-	-	-
Reactive cyanide	µg/L	-	-	-	-	-	-
Reactive sulfide	µg/L	-	-	-	-	-	-
Sulfate	µg/L	250000	-	**365000**	**362000**	**488000**	**952000**
Sulfide	µg/L	-	-	1000	ND (500)	800	ND (500)
Total dissolved solids (TDS)	µg/L	500000	-	**1520000**	**1090000**	**5700000**	**7050000**

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
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Sample Location:			*BW-3*	*EW2*	*EW2*	*EW3*	*EW3*
Sample ID:			*GW-WPW-013*	*GW-34084-030504-RR-003*	*GW-34084-030504-RR-004*	*GW-34084-030404-SW-001*	*GW-031504-MA-001*
Sample Date:			*8/2/1999*	*3/5/2004*	*3/5/2004*	*3/4/2004*	*3/15/2004*
					Duplicate		
Parameter	*Units*	*New York TOGs Table 1*					
Total kjeldahl nitrogen (TKN)	µg/L	-	-	4110	4580	1030	1300
Total organic carbon (TOC)	µg/L	-	-	7400	7800	4600	3000
Total Petroleum Hydrocarbons	µg/L	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Non-Polar Material - SGT HEM	µg/L	-	-	ND (5000)	ND (5000)	ND (5000)	ND (5000)
Total solids	µg/L	-	-	-	-	-	-
Total suspended solids (TSS)	µg/L	-	-	56000	146000	15000	10000
Field Parameters							
Conductivity, field	mS/cm	-	-	-	-	-	-
Dissolved oxygen (DO), field	µg/L	-	-	-	-	-	-
Oxidation reduction potential (ORP), field	millivolts	-	-	-	-	-	-
pH, field	s.u.	6.5-8.5	-	-	-	-	-
Salinity	%	-	-	-	-	-	-
Temperature, field	deg C	-	-	-	-	-	-
Turbidity	NTU	5	-	-	-	-	-

Notes:

(DT) - Analytical results for total and dissolved metals were originally reversed in the original analytical data package, and have been corrected in this table.

> - Greater than amount reported.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

S - Value determined by the method of standard addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

W - Post-digestion spike out of control limits.

- - Not applicable.

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*EW3*	*EW3*	*EW4*	*EW5*
Sample ID:			*GW-34084-031604-MA-003*	*GW-031704-MA-005*	*GW-031804-SW-001*	*GW-34084-030404-RR-002*
Sample Date:			*3/16/2004*	*3/17/2004*	*3/18/2004*	*3/4/2004*
Parameter	*Units*	*New York TOGs Table 1*				
Volatiles						
1,1,1-Trichloroethane	µg/L	5	ND (10) UJ	ND (10) UJ	ND (10)	ND (10)
1,1,2,2-Tetrachloroethane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
1,1,2-Trichloroethane	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)
1,1-Dichloroethane	µg/L	5	ND (10)	ND (10)	ND (10)	3 J
1,1-Dichloroethene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
1,2,4-Trichlorobenzene	µg/L	5	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	0.04	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/L	0.0006	-	-	-	-
1,2-Dichlorobenzene	µg/L	3	-	-	-	-
1,2-Dichloroethane	µg/L	0.6	ND (10)	ND (10)	ND (10)	ND (10)
1,2-Dichloroethene (total)	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
1,2-Dichloropropane	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)
1,3-Dichlorobenzene	µg/L	3	-	-	-	-
1,4-Dichlorobenzene	µg/L	3	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	-	ND (10)	ND (10)	ND (10)	14
2-Hexanone	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	-	ND (10) UJ	ND (10) UJ	ND (10) UJ	ND (10)
Acetone	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Benzene	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)
Bromodichloromethane	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Bromoform	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Bromomethane (Methyl bromide)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Carbon disulfide	µg/L	60	ND (10)	ND (10)	ND (10)	ND (10)
Carbon tetrachloride	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Chlorobenzene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Chloroethane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Chloroform (Trichloromethane)	µg/L	7	ND (10)	ND (10)	ND (10)	ND (10)
Chloromethane (Methyl chloride)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
cis-1,2-Dichloroethene	µg/L	5	-	-	-	-
cis-1,3-Dichloropropene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Cyclohexane	µg/L	-	-	-	-	-
Dibromochloromethane	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Dichlorodifluoromethane (CFC-12)	µg/L	5	-	-	-	-
Ethylbenzene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Isopropyl benzene	µg/L	5	-	-	-	-
m&p-Xylenes	µg/L	-	-	-	-	-
Methyl acetate	µg/L	-	-	-	-	-
Methyl cyclohexane	µg/L	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Methylene chloride	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
o-Xylene	µg/L	5	-	-	-	-
Styrene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Tetrachloroethene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10) U
Toluene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
trans-1,2-Dichloroethene	µg/L	5	-	-	-	-
trans-1,3-Dichloropropene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Trichloroethene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Trichlorofluoromethane (CFC-11)	µg/L	5	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/L	5	-	-	-	-
Vinyl chloride	µg/L	2	ND (10)	ND (10)	ND (10)	ND (10)
Xylenes (total)	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
1,2-Dichlorobenzene	µg/L	3	ND (10)	ND (10)	ND (10)	ND (10)
1,3-Dichlorobenzene	µg/L	3	ND (10)	ND (10)	ND (10)	ND (10)
1,4-Dichlorobenzene	µg/L	3	ND (10)	ND (10)	ND (10)	ND (10)
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*EW3*	*EW3*	*EW4*	*EW5*
Sample ID:			*GW-34084-031604-MA-003*	*GW-031704-MA-005*	*GW-031804-SW-001*	*GW-34084-030404-RR-002*
Sample Date:			*3/16/2004*	*3/17/2004*	*3/18/2004*	*3/4/2004*
Parameter	*Units*	*New York TOGs Table 1*				
2,4,5-Trichlorophenol	µg/L	-	ND (25)	ND (25)	ND (25)	ND (25)
2,4,6-Trichlorophenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2,4-Dichlorophenol	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
2,4-Dimethylphenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2,4-Dinitrophenol	µg/L	-	ND (25)	ND (25)	ND (25)	ND (25)
2,4-Dinitrotoluene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
2,6-Dinitrotoluene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
2-Chloronaphthalene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2-Chlorophenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2-Methylnaphthalene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2-Methylphenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2-Nitroaniline	µg/L	5	ND (25)	ND (25)	ND (25)	ND (25)
2-Nitrophenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
3,3'-Dichlorobenzidine	µg/L	5	ND (20)	ND (20)	ND (20)	ND (20)
3-Nitroaniline	µg/L	5	ND (25)	ND (25)	ND (25)	ND (25)
4,6-Dinitro-2-methylphenol	µg/L	-	ND (25)	ND (25)	ND (25)	ND (25)
4-Bromophenyl phenyl ether	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
4-Chloro-3-methylphenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
4-Chloroaniline	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
4-Chlorophenyl phenyl ether	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
4-Methylphenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
4-Nitroaniline	µg/L	5	ND (25)	ND (25)	ND (25)	ND (25)
4-Nitrophenol	µg/L	-	ND (25)	ND (25)	ND (25)	ND (25)
Acenaphthene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Acenaphthylene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Acetophenone	µg/L	-	-	-	-	-
Anthracene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Atrazine	µg/L	7.5	-	-	-	-
Benzaldehyde	µg/L	-	-	-	-	-
Benzo(a)anthracene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Benzo(a)pyrene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Benzo(b)fluoranthene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Benzo(g,h,i)perylene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Benzo(k)fluoranthene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Biphenyl (1,1-Biphenyl)	µg/L	5	-	-	-	-
bis(2-Chloroethoxy)methane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
bis(2-Chloroethyl)ether	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Butyl benzylphthalate (BBP)	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Caprolactam	µg/L	-	-	-	-	-
Carbazole	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Chrysene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Dibenz(a,h)anthracene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Dibenz(a,j)acridine	µg/L	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/L	-	-	-	-	-
Dibenzofuran	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Diethyl phthalate	µg/L	-	ND (10)	2 J	ND (10)	ND (10)
Dimethyl phthalate	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Di-n-butylphthalate (DBP)	µg/L	50	ND (10)	ND (10)	ND (10)	ND (10)
Di-n-octyl phthalate (DnOP)	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Fluoranthene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Fluorene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Hexachlorobenzene	µg/L	0.04	ND (10)	ND (10)	ND (10)	ND (10)
Hexachlorobutadiene	µg/L	0.5	ND (10)	ND (10)	ND (10)	ND (10)
Hexachlorocyclopentadiene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Hexachloroethane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Indeno(1,2,3-cd)pyrene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Isophorone	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Naphthalene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*EW3*	*EW3*	*EW4*	*EW5*
Sample ID:			*GW-34084-031604-MA-003*	*GW-031704-MA-005*	*GW-031804-SW-001*	*GW-34084-030404-RR-002*
Sample Date:			*3/16/2004*	*3/17/2004*	*3/18/2004*	*3/4/2004*
Parameter	*Units*	*New York TOGs Table 1*				
Nitrobenzene	µg/L	0.4	ND (10)	ND (10)	ND (10)	ND (10)
N-Nitrosodi-n-propylamine	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
N-Nitrosodiphenylamine	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Pentachlorophenol	µg/L	1	ND (25)	ND (25)	ND (25)	ND (25)
Phenanthrene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Phenol	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)
Pyrene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Metals						
Aluminum	µg/L	-	51.7	10900	41.1	173
Aluminum (dissolved)	µg/L	-	ND (9.7) UJ	ND (9.7) UJ	ND (9.7) UJ	R
Antimony	µg/L	3	**5.2**	**16.8**	ND (1.6)	ND (2.8)
Antimony (dissolved)	µg/L	3	**5.4 J**	**7.5 J**	ND (2.8) UJ	ND (2.8) UJ
Arsenic	µg/L	25	10.1	**125**	ND (2.1)	9.5
Arsenic (dissolved)	µg/L	25	8.4 J	15.8 J	ND (2.2) UJ	2.9 J
Barium	µg/L	1000	49.1	158	22.3	34.1
Barium (dissolved)	µg/L	1000	49.7 J	55.6 J	18.2 J	28.4 J
Beryllium	µg/L	-	ND (0.10)	0.75	0.13	0.13
Beryllium (dissolved)	µg/L	-	0.10 J	ND (0.10) UJ	ND (0.10) UJ	ND (0.11) UJ
Cadmium	µg/L	5	1.8	**21.5**	2.9	1.5
Cadmium (dissolved)	µg/L	5	ND (0.30) UJ	**6.0 J**	3.7 J	ND (1.2) UJ
Calcium	µg/L	-	191000	197000	585000	228000
Calcium (dissolved)	µg/L	-	198000 J	205000 J	620000 J	229000 J
Chromium	µg/L	50	1.6	**54.2**	1.2	2.8
Chromium Total (dissolved)	µg/L	50	ND (0.60) UJ	ND (0.60) UJ	ND (0.60) UJ	ND (0.60) UJ
Chromium VI (hexavalent)	µg/L	50	ND (20) UJ	ND (20)	ND (20)	ND (20)
Chromium VI (hexavalent) (dissolved)	µg/L	50	-	-	-	-
Cobalt	µg/L	-	5.7	62.5	ND (0.90)	13.6
Cobalt (dissolved)	µg/L	-	5.6 J	9.2 J	ND (1.6) UJ	13.5 J
Copper	µg/L	200	50.4 J	**4210 J**	ND (0.90)	7.8
Copper (dissolved)	µg/L	200	2.8 J	62.4 J	ND (1.3) UJ	ND (1.3) UJ
Iron	µg/L	300	**461**	**25600**	**238000**	**143000**
Iron (dissolved)	µg/L	300	41.4 J	4.3 J	**195000 J**	**126000 J**
Lead	µg/L	25	1.3	**512**	ND (0.70)	ND (5.5)
Lead (dissolved)	µg/L	25	ND (1.1) UJ	1.3 J	ND (1.1) UJ	ND (5.5) UJ
Magnesium	µg/L	-	386000	352000	54000	64800
Magnesium (dissolved)	µg/L	-	399000 J	376000 J	56200 J	65500 J
Manganese	µg/L	300	**455**	**776**	**1300**	**4820**
Manganese (dissolved)	µg/L	300	**473 J**	**540 J**	**1300 J**	**4870 J**
Mercury	µg/L	0.7	ND (0.10)	**2.7**	ND (0.10)	ND (0.10)
Mercury (dissolved)	µg/L	0.7	ND (0.10) UJ	ND (0.10) UJ	ND (0.10) UJ	ND (0.10) UJ
Nickel	µg/L	100	77.8	**399**	1.3	37.2
Nickel (dissolved)	µg/L	100	78.2 J	**125 J**	1.9 J	35.0 J
Potassium	µg/L	-	183000	164000	47300	40000
Potassium (dissolved)	µg/L	-	192000 J	182000 J	43400 J	39400 J
Selenium	µg/L	10	3.9 J	**15.8 J**	ND (1.8)	ND (2.0) UJ
Selenium (dissolved)	µg/L	10	3.5 J	5.3 J	4.8 J	ND (2.0) UJ
Silver	µg/L	50	1.1	3.8	0.51	0.61
Silver (dissolved)	µg/L	50	0.95 J	0.71 J	ND (0.40) UJ	0.72 J
Sodium	µg/L	20000	**6180000**	**2100000**	**224000**	**147000**
Sodium (dissolved)	µg/L	20000	**2840000 J**	**2730000 J**	**210000 J**	**145000 J**
Thallium	µg/L	-	ND (1.9)	ND (1.9)	16.1	ND (3.0) U
Thallium (dissolved)	µg/L	-	ND (2.3) UJ	ND (2.3) UJ	15.9 J	ND (4.2) UJ
Vanadium	µg/L	-	13.0	134	ND (1.0)	ND (1.3)
Vanadium (dissolved)	µg/L	-	9.3 J	14.6 J	ND (1.3) UJ	ND (1.3) UJ
Zinc	µg/L	-	268	2460	27.5	43.8
Zinc (dissolved)	µg/L	-	123 J	540 J	26.1 J	21.1 J

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*EW3*	*EW3*	*EW4*	*EW5*
Sample ID:			*GW-34084-031604-MA-003*	*GW-031704-MA-005*	*GW-031804-SW-001*	*GW-34084-030404-RR-002*
Sample Date:			*3/16/2004*	*3/17/2004*	*3/18/2004*	*3/4/2004*
Parameter	*Units*	*New York TOGs Table 1*				
PCBs						
Aroclor-1016 (PCB-1016)	µg/L	-	ND (0.065)	ND (0.065)	ND (0.065)	ND (0.065)
Aroclor-1221 (PCB-1221)	µg/L	-	ND (0.065)	ND (0.065)	ND (0.065)	ND (0.065)
Aroclor-1232 (PCB-1232)	µg/L	-	ND (0.065)	ND (0.065)	ND (0.065)	ND (0.065)
Aroclor-1242 (PCB-1242)	µg/L	-	ND (0.065)	ND (0.065)	ND (0.065)	ND (0.065)
Aroclor-1248 (PCB-1248)	µg/L	-	ND (0.065)	ND (0.065)	ND (0.065)	ND (0.065)
Aroclor-1254 (PCB-1254)	µg/L	-	ND (0.065)	ND (0.065)	ND (0.065)	ND (0.065)
Aroclor-1260 (PCB-1260)	µg/L	-	ND (0.065)	ND (0.065)	ND (0.065)	ND (0.065)
Total PCBs	µg/L	-	ND	ND	ND	ND
Pesticides						
4,4'-DDD	µg/L	0.3	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
4,4'-DDE	µg/L	0.2	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
4,4'-DDT	µg/L	0.2	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
Aldrin	µg/L	-	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)
alpha-BHC	µg/L	0.01	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)
alpha-Chlordane	µg/L	-	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)
beta-BHC	µg/L	0.04	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)
delta-BHC	µg/L	0.04	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)
Dieldrin	µg/L	0.004	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
Endosulfan I	µg/L	-	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)
Endosulfan II	µg/L	-	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
Endosulfan sulfate	µg/L	-	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
Endrin	µg/L	-	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
Endrin aldehyde	µg/L	5	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
Endrin ketone	µg/L	5	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
gamma-BHC (lindane)	µg/L	0.05	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)
gamma-Chlordane	µg/L	-	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)
Heptachlor	µg/L	0.04	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)
Heptachlor epoxide	µg/L	0.03	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)
Methoxychlor	µg/L	35	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)
Toxaphene	µg/L	0.06	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
General Chemistry						
Alkalinity, total (as CaCO3)	µg/L	-	218000	227000	131000	52400
Ammonia-N	µg/L	-	620	900	-	-
Biochemical oxygen demand (BOD)	µg/L	-	-	-	-	-
Biochemical oxygen demand (carbonaceous)	µg/L	-	-	-	-	-
Calcium carbonate	µg/L	-	2280000	3300000	2100000	1020000
Chemical oxygen demand (COD)	µg/L	-	-	-	-	-
Chloride	µg/L	250000	**6120000**	23500	**263000**	159000
Conductivity	µmhos/cm	-	-	-	-	-
Cyanide (amenable)	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Cyanide (dissolved)	µg/L	-	-	-	-	-
Cyanide (total)	µg/L	200	ND (10.0)	ND (10.0)	ND (10.0)	ND (10.0)
Ignitability	deg C	-	-	-	60 >	60 >
Nitrate (as N)	µg/L	10000	280	260	ND (100)	ND (100)
Nitrite (as N)	µg/L	1000	ND (100)	ND (100)	370	210
Nitrite/Nitrate	µg/L	10000	-	-	-	-
Nitrogen	µg/L	-	-	-	-	-
pH	s.u.	6.5-8.5	-	-	-	-
pH (water)	s.u.	6.5-8.5	7.3	7.2	**6.1**	**6.2**
pH corrosivity	s.u.	-	-	-	-	-
Reactive cyanide	µg/L	-	-	-	-	-
Reactive sulfide	µg/L	-	-	-	-	-
Sulfate	µg/L	250000	**1530000**	**1240000**	**3190000**	**810000**
Sulfide	µg/L	-	ND (500)	-	1800	1400
Total dissolved solids (TDS)	µg/L	500000	**7280000**	**9520000**	**2820000**	**970000**

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*EW3*	*EW3*	*EW4*	*EW5*
Sample ID:			*GW-34084-031604-MA-003*	*GW-031704-MA-005*	*GW-031804-SW-001*	*GW-34084-030404-RR-002*
Sample Date:			*3/16/2004*	*3/17/2004*	*3/18/2004*	*3/4/2004*
Parameter	*Units*	*New York TOGs Table 1*				
Total kjeldahl nitrogen (TKN)	µg/L	-	760	3520	16100	4770
Total organic carbon (TOC)	µg/L	-	3000	5200	3000	5100
Total Petroleum Hydrocarbons	µg/L	-	-	-	-	-
Total Petroleum Hydrocarbons - Non-Polar Material - SGT HEM	µg/L	-	ND (5000)	ND (5000)	ND (5000)	ND (5000)
Total solids	µg/L	-	-	-	-	-
Total suspended solids (TSS)	µg/L	-	25000	1150000	106000	128000
Field Parameters						
Conductivity, field	mS/cm	-	-	-	-	-
Dissolved oxygen (DO), field	µg/L	-	-	-	-	-
Oxidation reduction potential (ORP), field	millivolts	-	-	-	-	-
pH, field	s.u.	6.5-8.5	-	-	-	-
Salinity	%	-	-	-	-	-
Temperature, field	deg C	-	-	-	-	-
Turbidity	NTU	5	-	-	-	-

Notes:

(DT) - Analytical results for total and dissolved metals were originally reversed in the original analytical data package, and have been corrected in this table.

> - Greater than amount reported.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

S - Value determined by the method of standard addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

W - Post-digestion spike out of control limits.

- - Not applicable.

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*EW6*	*EW6*	*EW6*	*EW6*	*EW7*
Sample ID:			*GW-34084-031704-RR-001*	*GW-031804-MA-008*	*GW-031904-MA-010*	*GW-032004-MA-012*	*GW-34084-030204-RR-001*
Sample Date:			*3/17/2004*	*3/18/2004*	*3/19/2004*	*3/20/2004*	*3/2/2004*
Parameter	*Units*	*New York TOGs Table 1*					
Volatiles							
1,1,1-Trichloroethane	µg/L	5	ND (10)	ND (10) UJ	ND (10)	ND (10)	ND (10)
1,1,2,2-Tetrachloroethane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
1,1,2-Trichloroethane	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
1,1-Dichloroethane	µg/L	5	ND (10)	ND (10)	1 J	1 J	ND (10)
1,1-Dichloroethene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
1,2,4-Trichlorobenzene	µg/L	5	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	0.04	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/L	0.0006	-	-	-	-	-
1,2-Dichlorobenzene	µg/L	3	-	-	-	-	-
1,2-Dichloroethane	µg/L	0.6	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
1,2-Dichloroethene (total)	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
1,2-Dichloropropane	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
1,3-Dichlorobenzene	µg/L	3	-	-	-	-	-
1,4-Dichlorobenzene	µg/L	3	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	-	ND (10)	ND (10)	2 J	2 J	ND (10)
2-Hexanone	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	-	ND (10) UJ	ND (10) UJ	ND (10) UJ	ND (10) UJ	ND (10)
Acetone	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Benzene	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Bromodichloromethane	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Bromoform	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Bromomethane (Methyl bromide)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Carbon disulfide	µg/L	60	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Carbon tetrachloride	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Chlorobenzene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Chloroethane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Chloroform (Trichloromethane)	µg/L	7	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Chloromethane (Methyl chloride)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
cis-1,2-Dichloroethene	µg/L	5	-	-	-	-	-
cis-1,3-Dichloropropene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Cyclohexane	µg/L	-	-	-	-	-	-
Dibromochloromethane	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Dichlorodifluoromethane (CFC-12)	µg/L	5	-	-	-	-	-
Ethylbenzene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Isopropyl benzene	µg/L	5	-	-	-	-	-
m&p-Xylenes	µg/L	-	-	-	-	-	-
Methyl acetate	µg/L	-	-	-	-	-	-
Methyl cyclohexane	µg/L	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Methylene chloride	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
o-Xylene	µg/L	5	-	-	-	-	-
Styrene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Tetrachloroethene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10) U
Toluene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
trans-1,2-Dichloroethene	µg/L	5	-	-	-	-	-
trans-1,3-Dichloropropene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Trichloroethene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Trichlorofluoromethane (CFC-11)	µg/L	5	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/L	5	-	-	-	-	-
Vinyl chloride	µg/L	2	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Xylenes (total)	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
1,2-Dichlorobenzene	µg/L	3	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
1,3-Dichlorobenzene	µg/L	3	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
1,4-Dichlorobenzene	µg/L	3	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*EW6*	*EW6*	*EW6*	*EW6*	*EW7*
Sample ID:			*GW-34084-031704-RR-001*	*GW-031804-MA-008*	*GW-031904-MA-010*	*GW-032004-MA-012*	*GW-34084-030204-RR-001*
Sample Date:			*3/17/2004*	*3/18/2004*	*3/19/2004*	*3/20/2004*	*3/2/2004*
Parameter	*Units*	*New York TOGs Table 1*					
2,4,5-Trichlorophenol	µg/L	-	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)
2,4,6-Trichlorophenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2,4-Dichlorophenol	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2,4-Dimethylphenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2,4-Dinitrophenol	µg/L	-	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)
2,4-Dinitrotoluene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2,6-Dinitrotoluene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2-Chloronaphthalene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2-Chlorophenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2-Methylnaphthalene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2-Methylphenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2-Nitroaniline	µg/L	5	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)
2-Nitrophenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
3,3'-Dichlorobenzidine	µg/L	5	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)
3-Nitroaniline	µg/L	5	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)
4,6-Dinitro-2-methylphenol	µg/L	-	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)
4-Bromophenyl phenyl ether	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
4-Chloro-3-methylphenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
4-Chloroaniline	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
4-Chlorophenyl phenyl ether	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
4-Methylphenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
4-Nitroaniline	µg/L	5	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)
4-Nitrophenol	µg/L	-	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)
Acenaphthene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Acenaphthylene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Acetophenone	µg/L	-	-	-	-	-	-
Anthracene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Atrazine	µg/L	7.5	-	-	-	-	-
Benzaldehyde	µg/L	-	-	-	-	-	-
Benzo(a)anthracene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Benzo(a)pyrene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Benzo(b)fluoranthene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Benzo(g,h,i)perylene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Benzo(k)fluoranthene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Biphenyl (1,1-Biphenyl)	µg/L	5	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
bis(2-Chloroethyl)ether	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Butyl benzylphthalate (BBP)	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Caprolactam	µg/L	-	-	-	-	-	-
Carbazole	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Chrysene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Dibenz(a,h)anthracene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Dibenz(a,j)acridine	µg/L	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/L	-	-	-	-	-	-
Dibenzofuran	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Diethyl phthalate	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Dimethyl phthalate	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Di-n-butylphthalate (DBP)	µg/L	50	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Di-n-octyl phthalate (DnOP)	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Fluoranthene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Fluorene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Hexachlorobenzene	µg/L	0.04	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Hexachlorobutadiene	µg/L	0.5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Hexachlorocyclopentadiene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Hexachloroethane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Indeno(1,2,3-cd)pyrene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Isophorone	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Naphthalene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*EW6*	*EW6*	*EW6*	*EW6*	*EW7*
Sample ID:			*GW-34084-031704-RR-001*	*GW-031804-MA-008*	*GW-031904-MA-010*	*GW-032004-MA-012*	*GW-34084-030204-RR-001*
Sample Date:			*3/17/2004*	*3/18/2004*	*3/19/2004*	*3/20/2004*	*3/2/2004*
Parameter	*Units*	*New York TOGs Table 1*					
Nitrobenzene	µg/L	0.4	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
N-Nitrosodi-n-propylamine	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
N-Nitrosodiphenylamine	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Pentachlorophenol	µg/L	1	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)
Phenanthrene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Phenol	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Pyrene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Metals							
Aluminum	µg/L	-	41.3	48.5	38.1	20.9	586
Aluminum (dissolved)	µg/L	-	ND (9.7) UJ	ND (9.7) UJ	ND (9.7) UJ	ND (9.7) UJ	3590 J
Antimony	µg/L	3	ND (1.6)	**3.1**	ND (2.6)	ND (2.6)	**3.9**
Antimony (dissolved)	µg/L	3	ND (2.8) UJ	ND (2.8) UJ	ND (2.8) UJ	ND (2.8) UJ	ND (2.8) UJ
Arsenic	µg/L	25	4.5	10.1	6.5	5.8	7.7
Arsenic (dissolved)	µg/L	25	3.6 J	5.8 J	2.6 J	2.5 J	ND (2.2) UJ
Barium	µg/L	1000	35.8	31.6	61.3	60.0	49.7
Barium (dissolved)	µg/L	1000	34.3 J	30.8 J	51.6 J	51.4 J	33.8 J
Beryllium	µg/L	-	ND (0.10)	0.41	0.54	ND (0.20)	0.77
Beryllium (dissolved)	µg/L	-	ND (0.10) UJ	ND (0.10) UJ	ND (0.10) UJ	ND (0.10) UJ	ND (0.10) UJ
Cadmium	µg/L	5	2.5	3.9	1.8	1.9	4.2
Cadmium (dissolved)	µg/L	5	2.6 J	3.5 J	ND (0.30) UJ	ND (0.30) UJ	2.7 J
Calcium	µg/L	-	323000	326000	403000	384000	83300
Calcium (dissolved)	µg/L	-	351000 J	361000 J	389000 J	359000 J	77600 J
Chromium	µg/L	50	1.0	2.1	ND (5.0)	ND (5.0)	5.8
Chromium Total (dissolved)	µg/L	50	1.1 J	ND (0.60) UJ	ND (0.60) UJ	ND (0.60) UJ	0.63 J
Chromium VI (hexavalent)	µg/L	50	ND (20) UJ	ND (20)	ND (20)	ND (20)	ND (20)
Chromium VI (hexavalent) (dissolved)	µg/L	50	-	-	-	-	-
Cobalt	µg/L	-	86.0	101	54.8	54.1	121
Cobalt (dissolved)	µg/L	-	91.1 J	109 J	50.8 J	48.4 J	101 J
Copper	µg/L	200	61.9 J	81.4 J	18.1	28.3	**599**
Copper (dissolved)	µg/L	200	13.3 J	15.2 J	ND (1.3) UJ	ND (1.3) UJ	6.3 J
Iron	µg/L	300	**3850**	**4450**	**6490**	**6030**	**5140**
Iron (dissolved)	µg/L	300	26.9 J	3.3 J	**3380 J**	**3780 J**	ND (10.8) UJ
Lead	µg/L	25	1.2	1.8	ND (1.6)	ND (1.6)	**110**
Lead (dissolved)	µg/L	25	ND (1.1) UJ	ND (1.1) UJ	ND (1.1) UJ	ND (1.1) UJ	1.3 J
Magnesium	µg/L	-	27700	28500	45800	45500	17000
Magnesium (dissolved)	µg/L	-	29900 J	31400 J	46200 J	44800 J	15700 J
Manganese	µg/L	300	**839**	**702**	**965**	**875**	182
Manganese (dissolved)	µg/L	300	**863 J**	**738 J**	**940 J**	**819 J**	139 J
Mercury	µg/L	0.7	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	0.37
Mercury (dissolved)	µg/L	0.7	ND (0.10) UJ	ND (0.10) UJ	ND (0.10) UJ	ND (0.10) UJ	ND (0.10) UJ
Nickel	µg/L	100	90.6	**119**	74.0	72.6	**126**
Nickel (dissolved)	µg/L	100	92.9 J	**124 J**	67.4 J	66.2 J	**107 J**
Potassium	µg/L	-	38600	40400	44800	42200	13900
Potassium (dissolved)	µg/L	-	37500 J	41500 J	45600 J	43200 J	12300 J
Selenium	µg/L	10	2.2 J	5.5 J	5.1 J	5.6 J	**14.0 J**
Selenium (dissolved)	µg/L	10	6.2 J	7.9 J	4.8 J	5.9 J	**12.7 J**
Silver	µg/L	50	ND (0.50)	ND (0.50)	ND (0.40)	ND (0.40)	ND (0.40)
Silver (dissolved)	µg/L	50	ND (0.40) UJ	ND (0.40) UJ	ND (0.40) UJ	ND (0.40) UJ	ND (0.40) UJ
Sodium	µg/L	20000	**51800**	**55900**	**91200**	**93900**	19300
Sodium (dissolved)	µg/L	20000	**52000 J**	**56600 J**	**91000 J**	**91400 J**	19000 J
Thallium	µg/L	-	ND (1.9)	ND (1.9)	4.8	2.5	ND (2.3)
Thallium (dissolved)	µg/L	-	ND (2.3) UJ	ND (2.3) UJ	ND (2.3) UJ	ND (2.3) UJ	ND (2.3) UJ
Vanadium	µg/L	-	ND (1.0)	ND (1.0)	1.4	ND (1.2)	2.4
Vanadium (dissolved)	µg/L	-	ND (1.3) UJ	ND (1.3) UJ	ND (1.3) UJ	ND (1.3) UJ	ND (1.3) UJ
Zinc	µg/L	-	3420	4680	2460	2490	4110
Zinc (dissolved)	µg/L	-	3420 J	4710 J	83.7 J	90.8 J	3180 J

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*EW6*	*EW6*	*EW6*	*EW6*	*EW7*
Sample ID:			*GW-34084-031704-RR-001*	*GW-031804-MA-008*	*GW-031904-MA-010*	*GW-032004-MA-012*	*GW-34084-030204-RR-001*
Sample Date:			*3/17/2004*	*3/18/2004*	*3/19/2004*	*3/20/2004*	*3/2/2004*
Parameter	*Units*	*New York TOGs Table 1*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/L	-	ND (0.065)	ND (0.065)	ND (0.065)	ND (0.065)	ND (0.065)
Aroclor-1221 (PCB-1221)	µg/L	-	ND (0.065)	ND (0.065)	ND (0.065)	ND (0.065)	ND (0.065)
Aroclor-1232 (PCB-1232)	µg/L	-	ND (0.065)	ND (0.065)	ND (0.065)	ND (0.065)	ND (0.065)
Aroclor-1242 (PCB-1242)	µg/L	-	ND (0.065)	ND (0.065)	ND (0.065)	ND (0.065)	ND (0.065)
Aroclor-1248 (PCB-1248)	µg/L	-	ND (0.065)	ND (0.065)	ND (0.065)	ND (0.065)	ND (0.065)
Aroclor-1254 (PCB-1254)	µg/L	-	ND (0.065)	ND (0.065)	ND (0.065)	ND (0.065)	ND (0.065)
Aroclor-1260 (PCB-1260)	µg/L	-	ND (0.065)	ND (0.065)	ND (0.065)	ND (0.065)	ND (0.065)
Total PCBs	µg/L	-	ND	ND	ND	ND	ND
Pesticides							
4,4'-DDD	µg/L	0.3	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
4,4'-DDE	µg/L	0.2	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
4,4'-DDT	µg/L	0.2	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
Aldrin	µg/L	-	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)
alpha-BHC	µg/L	0.01	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)
alpha-Chlordane	µg/L	-	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)
beta-BHC	µg/L	0.04	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)
delta-BHC	µg/L	0.04	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)
Dieldrin	µg/L	0.004	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
Endosulfan I	µg/L	-	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)
Endosulfan II	µg/L	-	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
Endosulfan sulfate	µg/L	-	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
Endrin	µg/L	-	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
Endrin aldehyde	µg/L	5	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
Endrin ketone	µg/L	5	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
gamma-BHC (lindane)	µg/L	0.05	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)
gamma-Chlordane	µg/L	-	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)
Heptachlor	µg/L	0.04	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)
Heptachlor epoxide	µg/L	0.03	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)
Methoxychlor	µg/L	35	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)
Toxaphene	µg/L	0.06	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
General Chemistry							
Alkalinity, total (as CaCO3)	µg/L	-	221000	225000	393000	410000	97800
Ammonia-N	µg/L	-	-	710	2320	2800	-
Biochemical oxygen demand (BOD)	µg/L	-	-	-	-	-	-
Biochemical oxygen demand (carbonaceous)	µg/L	-	-	-	-	-	-
Calcium carbonate	µg/L	-	1040000	1000000	1200000	1340000	450000
Chemical oxygen demand (COD)	µg/L	-	-	-	-	-	-
Chloride	µg/L	250000	**7980000**	52700	89000	103000	25300
Conductivity	µmhos/cm	-	-	-	-	-	-
Cyanide (amenable)	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Cyanide (dissolved)	µg/L	-	-	-	-	-	-
Cyanide (total)	µg/L	200	ND (10.0)	ND (10.0)	ND (10.0)	ND (10.0)	ND (10.0)
Ignitability	deg C	-	-	60 >	-	-	60 >
Nitrate (as N)	µg/L	10000	ND (100)	110	ND (100)	250	ND (100)
Nitrite (as N)	µg/L	1000	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)
Nitrite/Nitrate	µg/L	10000	-	-	-	-	-
Nitrogen	µg/L	-	-	-	-	-	-
pH	s.u.	6.5-8.5	-	-	-	-	-
pH (water)	s.u.	6.5-8.5	6.6	6.6	6.6	6.5	6.5
pH corrosivity	s.u.	-	-	-	-	-	-
Reactive cyanide	µg/L	-	-	-	-	-	-
Reactive sulfide	µg/L	-	-	-	-	-	-
Sulfate	µg/L	250000	**940000**	**898000**	**752000**	**802000**	247000
Sulfide	µg/L	-	ND (500)	ND (500)	ND (500)	900	ND (500)
Total dissolved solids (TDS)	µg/L	500000	**1510000**	**1420000**	**1780000**	**1720000**	384000

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*EW6*	*EW6*	*EW6*	*EW6*	*EW7*
Sample ID:			*GW-34084-031704-RR-001*	*GW-031804-MA-008*	*GW-031904-MA-010*	*GW-032004-MA-012*	*GW-34084-030204-RR-001*
Sample Date:			*3/17/2004*	*3/18/2004*	*3/19/2004*	*3/20/2004*	*3/2/2004*
Parameter	*Units*	*New York TOGs Table 1*					
Total kjeldahl nitrogen (TKN)	µg/L	-	510	680	2110	2390	140
Total organic carbon (TOC)	µg/L	-	3500	3400	5400	5400	2000
Total Petroleum Hydrocarbons	µg/L	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Non-Polar Material - SGT HEM	µg/L	-	ND (5000)	ND (5000)	ND (5000)	ND (5000)	ND (5000)
Total solids	µg/L	-	-	-	-	-	-
Total suspended solids (TSS)	µg/L	-	ND (10000)	16000	26000	17000	58000
Field Parameters							
Conductivity, field	mS/cm	-	-	-	-	-	-
Dissolved oxygen (DO), field	µg/L	-	-	-	-	-	-
Oxidation reduction potential (ORP), field	millivolts	-	-	-	-	-	-
pH, field	s.u.	6.5-8.5	-	-	-	-	-
Salinity	%	-	-	-	-	-	-
Temperature, field	deg C	-	-	-	-	-	-
Turbidity	NTU	5	-	-	-	-	-

Notes:

(DT) - Analytical results for total and dissolved metals were originally reversed in the original analytical data package, and have been corrected in this table.

> - Greater than amount reported.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

S - Value determined by the method of standard addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

W - Post-digestion spike out of control limits.

- - Not applicable.

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*EW7*	*EW7*	*EW7*	*EW7*	*EW8*
Sample ID:			*GW-031504-MA-002*	*GW-34084-031604-MA-004*	*GW-031704-MA-006*	*GW-031704-MA-007*	*GW-34084-031704-GW-03*
Sample Date:			*3/15/2004*	*3/16/2004*	*3/17/2004*	*3/17/2004*	*3/17/2004*
						Duplicate	
Parameter	*Units*	*New York TOGs Table 1*					
Volatiles							
1,1,1-Trichloroethane	µg/L	5	ND (10) UJ	ND (10) UJ	ND (10) UJ	ND (10) UJ	ND (10)
1,1,2,2-Tetrachloroethane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
1,1,2-Trichloroethane	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
1,1-Dichloroethane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
1,1-Dichloroethene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
1,2,4-Trichlorobenzene	µg/L	5	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	0.04	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/L	0.0006	-	-	-	-	-
1,2-Dichlorobenzene	µg/L	3	-	-	-	-	-
1,2-Dichloroethane	µg/L	0.6	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
1,2-Dichloroethene (total)	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
1,2-Dichloropropane	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
1,3-Dichlorobenzene	µg/L	3	-	-	-	-	-
1,4-Dichlorobenzene	µg/L	3	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	-	4 J	4 J	2 J	3 J	ND (10)
2-Hexanone	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	-	ND (10) UJ	ND (10) UJ	ND (10) UJ	ND (10) UJ	ND (10) UJ
Acetone	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Benzene	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Bromodichloromethane	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Bromoform	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Bromomethane (Methyl bromide)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Carbon disulfide	µg/L	60	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Carbon tetrachloride	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Chlorobenzene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Chloroethane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Chloroform (Trichloromethane)	µg/L	7	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Chloromethane (Methyl chloride)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
cis-1,2-Dichloroethene	µg/L	5	-	-	-	-	-
cis-1,3-Dichloropropene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Cyclohexane	µg/L	-	-	-	-	-	-
Dibromochloromethane	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Dichlorodifluoromethane (CFC-12)	µg/L	5	-	-	-	-	-
Ethylbenzene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Isopropyl benzene	µg/L	5	-	-	-	-	-
m&p-Xylenes	µg/L	-	-	-	-	-	-
Methyl acetate	µg/L	-	-	-	-	-	-
Methyl cyclohexane	µg/L	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Methylene chloride	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
o-Xylene	µg/L	5	-	-	-	-	-
Styrene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Tetrachloroethene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Toluene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
trans-1,2-Dichloroethene	µg/L	5	-	-	-	-	-
trans-1,3-Dichloropropene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Trichloroethene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Trichlorofluoromethane (CFC-11)	µg/L	5	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/L	5	-	-	-	-	-
Vinyl chloride	µg/L	2	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Xylenes (total)	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
1,2-Dichlorobenzene	µg/L	3	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
1,3-Dichlorobenzene	µg/L	3	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
1,4-Dichlorobenzene	µg/L	3	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*EW7*	*EW7*	*EW7*	*EW7*	*EW8*
Sample ID:			*GW-031504-MA-002*	*GW-34084-031604-MA-004*	*GW-031704-MA-006*	*GW-031704-MA-007*	*GW-34084-031704-GW-03*
Sample Date:			*3/15/2004*	*3/16/2004*	*3/17/2004*	*3/17/2004*	*3/17/2004*
		New York				*Duplicate*	
Parameter	*Units*	*TOGs Table 1*					
2,4,5-Trichlorophenol	µg/L	-	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)
2,4,6-Trichlorophenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2,4-Dichlorophenol	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2,4-Dimethylphenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2,4-Dinitrophenol	µg/L	-	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)
2,4-Dinitrotoluene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2,6-Dinitrotoluene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2-Chloronaphthalene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2-Chlorophenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2-Methylnaphthalene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2-Methylphenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2-Nitroaniline	µg/L	5	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)
2-Nitrophenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
3,3'-Dichlorobenzidine	µg/L	5	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)
3-Nitroaniline	µg/L	5	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)
4,6-Dinitro-2-methylphenol	µg/L	-	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)
4-Bromophenyl phenyl ether	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
4-Chloro-3-methylphenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
4-Chloroaniline	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
4-Chlorophenyl phenyl ether	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
4-Methylphenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
4-Nitroaniline	µg/L	5	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)
4-Nitrophenol	µg/L	-	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)
Acenaphthene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Acenaphthylene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Acetophenone	µg/L	-	-	-	-	-	-
Anthracene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Atrazine	µg/L	7.5	-	-	-	-	-
Benzaldehyde	µg/L	-	-	-	-	-	-
Benzo(a)anthracene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Benzo(a)pyrene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Benzo(b)fluoranthene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Benzo(g,h,i)perylene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Benzo(k)fluoranthene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Biphenyl (1,1-Biphenyl)	µg/L	5	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
bis(2-Chloroethyl)ether	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Butyl benzylphthalate (BBP)	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Caprolactam	µg/L	-	-	-	-	-	-
Carbazole	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Chrysene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Dibenz(a,h)anthracene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Dibenz(a,j)acridine	µg/L	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/L	-	-	-	-	-	-
Dibenzofuran	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Diethyl phthalate	µg/L	-	ND (10)	ND (10)	1 J	ND (10)	ND (10)
Dimethyl phthalate	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Di-n-butylphthalate (DBP)	µg/L	50	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Di-n-octyl phthalate (DnOP)	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Fluoranthene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Fluorene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Hexachlorobenzene	µg/L	0.04	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Hexachlorobutadiene	µg/L	0.5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Hexachlorocyclopentadiene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Hexachloroethane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Indeno(1,2,3-cd)pyrene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Isophorone	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Naphthalene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*EW7*	*EW7*	*EW7*	*EW7*	*EW8*
Sample ID:			*GW-031504-MA-002*	*GW-34084-031604-MA-004*	*GW-031704-MA-006*	*GW-031704-MA-007*	*GW-34084-031704-GW-03*
Sample Date:			*3/15/2004*	*3/16/2004*	*3/17/2004*	*3/17/2004*	*3/17/2004*
						Duplicate	
Parameter	*Units*	*New York TOGs Table 1*					
Nitrobenzene	µg/L	0.4	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
N-Nitrosodi-n-propylamine	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
N-Nitrosodiphenylamine	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Pentachlorophenol	µg/L	1	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)
Phenanthrene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Phenol	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Pyrene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Metals							
Aluminum	µg/L	-	55.0	11.9	209 J	387 J	19.9
Aluminum (dissolved)	µg/L	-	ND (9.7) UJ	ND (9.7) UJ	ND (9.7) UJ	ND (9.7) UJ	ND (9.7) UJ
Antimony	µg/L	3	1.7	2.4	2.7	1.6	ND (1.6)
Antimony (dissolved)	µg/L	3	ND (2.8) UJ	ND (2.8) UJ	ND (2.8) UJ	ND (2.8) UJ	ND (2.8) UJ
Arsenic	µg/L	25	ND (2.1)	ND (2.1)	2.5	ND (2.1)	**26.3**
Arsenic (dissolved)	µg/L	25	2.6 J	3.3 J	ND (2.2) UJ	ND (2.2) UJ	19.6 J
Barium	µg/L	1000	34.5	31.1	37.2	38.6	103
Barium (dissolved)	µg/L	1000	33.0 J	29.1 J	30.2 J	29.2 J	79.4 J
Beryllium	µg/L	-	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
Beryllium (dissolved)	µg/L	-	ND (0.10) UJ	ND (0.10) UJ	ND (0.10) UJ	ND (0.10) UJ	ND (0.10) UJ
Cadmium	µg/L	5	3.3	2.7	4.0	3.9	ND (0.20)
Cadmium (dissolved)	µg/L	5	3.2 J	2.5 J	3.0 J	2.9 J	ND (0.30) UJ
Calcium	µg/L	-	77000	73100	77200	74300	161000
Calcium (dissolved)	µg/L	-	77300 J	68800 J	71300 J	69400 J	173000 J
Chromium	µg/L	50	1.6	1.2	4.7	7.6	0.67
Chromium Total (dissolved)	µg/L	50	ND (0.60) UJ	ND (0.60) UJ	ND (0.60) UJ	ND (0.60) UJ	ND (0.60) UJ
Chromium VI (hexavalent)	µg/L	50	ND (20)	ND (20)	ND (20)	ND (20)	ND (20) UJ
Chromium VI (hexavalent) (dissolved)	µg/L	50	-	-	-	-	-
Cobalt	µg/L	-	99.2	91.9	95.2	89.0	4.9
Cobalt (dissolved)	µg/L	-	99.9 J	87.5 J	89.1 J	85.8 J	4.2 J
Copper	µg/L	200	114 J	15.1 J	48.5 J	56.2 J	1.2 J
Copper (dissolved)	µg/L	200	54.7 J	4.9 J	9.7 J	20.0 J	ND (1.3) UJ
Iron	µg/L	300	**727**	**829**	**1250**	**1330**	**2540**
Iron (dissolved)	µg/L	300	9.5 J	10.5 J	14.8 J	6.4 J	55.4 J
Lead	µg/L	25	14.2	1.5	**69.1 J**	**116 J**	ND (0.70)
Lead (dissolved)	µg/L	25	ND (1.1) UJ	ND (1.1) UJ	ND (1.1) UJ	ND (1.1) UJ	ND (1.1) UJ
Magnesium	µg/L	-	16300	16400	17100	16100	64000
Magnesium (dissolved)	µg/L	-	16500 J	15500 J	16200 J	15600 J	68500 J
Manganese	µg/L	300	117	136	162	175	177
Manganese (dissolved)	µg/L	300	114 J	129 J	137 J	135 J	172 J
Mercury	µg/L	0.7	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
Mercury (dissolved)	µg/L	0.7	ND (0.10) UJ	ND (0.10) UJ	ND (0.10) UJ	ND (0.10) UJ	ND (0.10) UJ
Nickel	µg/L	100	**106**	100	**105**	98.3	15.8
Nickel (dissolved)	µg/L	100	**106 J**	93.6 J	96.3 J	92.8 J	14.5 J
Potassium	µg/L	-	11400	11200	11100	10700	41900
Potassium (dissolved)	µg/L	-	12000 J	10900 J	11400 J	11300 J	40900 J
Selenium	µg/L	10	**28.4 J**	6.4 J	6.7 J	4.5 J	ND (1.8)
Selenium (dissolved)	µg/L	10	**30.9 J**	8.9 J	7.6 J	7.3 J	ND (2.0) UJ
Silver	µg/L	50	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	0.59
Silver (dissolved)	µg/L	50	ND (0.40) UJ	ND (0.40) UJ	ND (0.40) UJ	ND (0.40) UJ	ND (0.40) UJ
Sodium	µg/L	20000	15000	15800	14700	14000	**295000**
Sodium (dissolved)	µg/L	20000	16400 J	14300 J	15600 J	15100 J	**295000 J**
Thallium	µg/L	-	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)
Thallium (dissolved)	µg/L	-	ND (2.3) UJ	ND (2.3) UJ	ND (2.3) UJ	ND (2.3) UJ	ND (2.3) UJ
Vanadium	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Vanadium (dissolved)	µg/L	-	ND (1.3) UJ	ND (1.3) UJ	ND (1.3) UJ	ND (1.3) UJ	ND (1.3) UJ
Zinc	µg/L	-	3320	3100	3470	3350	139
Zinc (dissolved)	µg/L	-	3330 J	2930 J	3140 J	3010 J	11.8 J

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*EW7*	*EW7*	*EW7*	*EW7*	*EW8*
Sample ID:			*GW-031504-MA-002*	*GW-34084-031604-MA-004*	*GW-031704-MA-006*	*GW-031704-MA-007*	*GW-34084-031704-GW-03*
Sample Date:			*3/15/2004*	*3/16/2004*	*3/17/2004*	*3/17/2004*	*3/17/2004*
						Duplicate	
Parameter	*Units*	*New York TOGs Table 1*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/L	-	ND (0.065)	ND (0.065)	ND (0.065)	ND (0.065)	ND (0.065)
Aroclor-1221 (PCB-1221)	µg/L	-	ND (0.065)	ND (0.065)	ND (0.065)	ND (0.065)	ND (0.065)
Aroclor-1232 (PCB-1232)	µg/L	-	ND (0.065)	ND (0.065)	ND (0.065)	ND (0.065)	ND (0.065)
Aroclor-1242 (PCB-1242)	µg/L	-	ND (0.065)	ND (0.065)	ND (0.065)	ND (0.065)	ND (0.065)
Aroclor-1248 (PCB-1248)	µg/L	-	ND (0.065)	ND (0.065)	ND (0.065)	ND (0.065)	ND (0.065)
Aroclor-1254 (PCB-1254)	µg/L	-	ND (0.065)	ND (0.065)	ND (0.065)	ND (0.065)	ND (0.065)
Aroclor-1260 (PCB-1260)	µg/L	-	ND (0.065)	ND (0.065)	ND (0.065)	0.08 J	ND (0.065)
Total PCBs	µg/L	-	ND	ND	ND	0.08	ND
Pesticides							
4,4'-DDD	µg/L	0.3	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
4,4'-DDE	µg/L	0.2	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
4,4'-DDT	µg/L	0.2	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
Aldrin	µg/L	-	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)
alpha-BHC	µg/L	0.01	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)
alpha-Chlordane	µg/L	-	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)
beta-BHC	µg/L	0.04	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)
delta-BHC	µg/L	0.04	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)
Dieldrin	µg/L	0.004	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
Endosulfan I	µg/L	-	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)
Endosulfan II	µg/L	-	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
Endosulfan sulfate	µg/L	-	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
Endrin	µg/L	-	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
Endrin aldehyde	µg/L	5	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
Endrin ketone	µg/L	5	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
gamma-BHC (lindane)	µg/L	0.05	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)
gamma-Chlordane	µg/L	-	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)
Heptachlor	µg/L	0.04	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)
Heptachlor epoxide	µg/L	0.03	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)
Methoxychlor	µg/L	35	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)
Toxaphene	µg/L	0.06	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
General Chemistry							
Alkalinity, total (as CaCO3)	µg/L	-	93000	95600	94000	92200	551000
Ammonia-N	µg/L	-	ND (100)	ND (100)	270 J	130 J	-
Biochemical oxygen demand (BOD)	µg/L	-	-	-	-	-	-
Biochemical oxygen demand (carbonaceous)	µg/L	-	-	-	-	-	-
Calcium carbonate	µg/L	-	310000	300000	360000	270000	860000
Chemical oxygen demand (COD)	µg/L	-	-	-	-	-	-
Chloride	µg/L	250000	19900	20500	22000	24200	**418000**
Conductivity	µmhos/cm	-	-	-	-	-	-
Cyanide (amenable)	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Cyanide (dissolved)	µg/L	-	-	-	-	-	-
Cyanide (total)	µg/L	200	ND (10.0)	ND (10.0)	ND (10.0)	ND (10.0)	ND (10.0)
Ignitability	deg C	-	60 >	-	-	-	-
Nitrate (as N)	µg/L	10000	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)
Nitrite (as N)	µg/L	1000	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)
Nitrite/Nitrate	µg/L	10000	-	-	-	-	-
Nitrogen	µg/L	-	-	-	-	-	-
pH	s.u.	6.5-8.5	-	-	-	-	-
pH (water)	s.u.	6.5-8.5	6.6	**6.4**	6.7	6.6	7.3
pH corrosivity	s.u.	-	-	-	-	-	-
Reactive cyanide	µg/L	-	-	-	-	-	-
Reactive sulfide	µg/L	-	-	-	-	-	-
Sulfate	µg/L	250000	186000	192000	178000	166000	**366000**
Sulfide	µg/L	-	ND (500)	ND (500)	ND (500)	ND (500)	4600
Total dissolved solids (TDS)	µg/L	500000	**1730000**	400000	**792000**	492000	**1620000**

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*EW7*	*EW7*	*EW7*	*EW7*	*EW8*
Sample ID:			*GW-031504-MA-002*	*GW-34084-031604-MA-004*	*GW-031704-MA-006*	*GW-031704-MA-007*	*GW-34084-031704-GW-03*
Sample Date:			*3/15/2004*	*3/16/2004*	*3/17/2004*	*3/17/2004*	*3/17/2004*
						Duplicate	
Parameter	*Units*	*New York TOGs Table 1*					
Total kjeldahl nitrogen (TKN)	µg/L	-	ND (100)	200	160	170	6570
Total organic carbon (TOC)	µg/L	-	2300	2000	2000	2000	4600
Total Petroleum Hydrocarbons	µg/L	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Non-Polar Material - SGT HEM	µg/L	-	ND (5000)	ND (5000)	ND (5000)	ND (5000)	ND (5000)
Total solids	µg/L	-	-	-	-	-	-
Total suspended solids (TSS)	µg/L	-	ND (10000)	ND (10000)	47000 J	ND (10000) UJ	14000
Field Parameters							
Conductivity, field	mS/cm	-	-	-	-	-	-
Dissolved oxygen (DO), field	µg/L	-	-	-	-	-	-
Oxidation reduction potential (ORP), field	millivolts	-	-	-	-	-	-
pH, field	s.u.	6.5-8.5	-	-	-	-	-
Salinity	%	-	-	-	-	-	-
Temperature, field	deg C	-	-	-	-	-	-
Turbidity	NTU	5	-	-	-	-	-

Notes:

(DT) - Analytical results for total and dissolved metals were originally reversed in the original analytical data package, and have been corrected in this table.

> - Greater than amount reported.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

S - Value determined by the method of standard addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

W - Post-digestion spike out of control limits.

- - Not applicable.

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*EW8*	*EW8*	*EW8*	*EW8*	*OW1*
Sample ID:			*GW-031804-MA-009*	*GW-031904-MA-011*	*GW-032004-MA-013*	*GW-93004-BC-1*	*OW-1*
Sample Date:			*3/18/2004*	*3/19/2004*	*3/20/2004*	*9/30/2004*	*11/1/1990*
Parameter	*Units*	*New York TOGs Table 1*					
Volatiles							
1,1,1-Trichloroethane	µg/L	5	ND (10) UJ	ND (10)	ND (10)	-	-
1,1,2,2-Tetrachloroethane	µg/L	5	ND (10)	ND (10)	ND (10)	-	-
1,1,2-Trichloroethane	µg/L	1	ND (10)	ND (10)	ND (10)	-	-
1,1-Dichloroethane	µg/L	5	ND (10)	ND (10)	ND (10)	-	-
1,1-Dichloroethene	µg/L	5	ND (10)	ND (10)	ND (10)	-	-
1,2,4-Trichlorobenzene	µg/L	5	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	0.04	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/L	0.0006	-	-	-	-	-
1,2-Dichlorobenzene	µg/L	3	-	-	-	-	-
1,2-Dichloroethane	µg/L	0.6	ND (10)	ND (10)	ND (10)	-	-
1,2-Dichloroethene (total)	µg/L	-	ND (10)	ND (10)	ND (10)	-	-
1,2-Dichloropropane	µg/L	1	ND (10)	ND (10)	ND (10)	-	-
1,3-Dichlorobenzene	µg/L	3	-	-	-	-	-
1,4-Dichlorobenzene	µg/L	3	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	-	1 J	ND (10)	ND (10)	-	-
2-Hexanone	µg/L	-	ND (10)	ND (10)	ND (10)	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	-	ND (10) UJ	ND (10) UJ	ND (10) UJ	-	-
Acetone	µg/L	-	ND (10)	ND (10)	ND (10)	-	-
Benzene	µg/L	1	ND (10)	ND (10)	ND (10)	-	-
Bromodichloromethane	µg/L	-	ND (10)	ND (10)	ND (10)	-	-
Bromoform	µg/L	-	ND (10)	ND (10)	ND (10)	-	-
Bromomethane (Methyl bromide)	µg/L	5	ND (10)	ND (10)	ND (10)	-	-
Carbon disulfide	µg/L	60	ND (10)	ND (10)	ND (10)	-	-
Carbon tetrachloride	µg/L	5	ND (10)	ND (10)	ND (10)	-	-
Chlorobenzene	µg/L	5	ND (10)	ND (10)	ND (10)	-	-
Chloroethane	µg/L	5	ND (10)	ND (10)	ND (10)	-	-
Chloroform (Trichloromethane)	µg/L	7	ND (10)	ND (10)	ND (10)	-	-
Chloromethane (Methyl chloride)	µg/L	5	ND (10)	ND (10)	ND (10)	-	-
cis-1,2-Dichloroethene	µg/L	5	-	-	-	-	-
cis-1,3-Dichloropropene	µg/L	-	ND (10)	ND (10)	ND (10)	-	-
Cyclohexane	µg/L	-	-	-	-	-	-
Dibromochloromethane	µg/L	-	ND (10)	ND (10)	ND (10)	-	-
Dichlorodifluoromethane (CFC-12)	µg/L	5	-	-	-	-	-
Ethylbenzene	µg/L	5	ND (10)	ND (10)	ND (10)	-	-
Isopropyl benzene	µg/L	5	-	-	-	-	-
m&p-Xylenes	µg/L	-	-	-	-	-	-
Methyl acetate	µg/L	-	-	-	-	-	-
Methyl cyclohexane	µg/L	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/L	-	ND (10)	ND (10)	-	-	-
Methylene chloride	µg/L	5	ND (10)	ND (10)	ND (10)	-	-
o-Xylene	µg/L	5	-	-	-	-	-
Styrene	µg/L	5	ND (10)	ND (10)	ND (10)	-	-
Tetrachloroethene	µg/L	5	ND (10)	ND (10)	ND (10)	-	-
Toluene	µg/L	5	ND (10)	ND (10)	ND (10)	-	-
trans-1,2-Dichloroethene	µg/L	5	-	-	-	-	-
trans-1,3-Dichloropropene	µg/L	-	ND (10)	ND (10)	ND (10)	-	-
Trichloroethene	µg/L	5	ND (10)	ND (10)	ND (10)	-	-
Trichlorofluoromethane (CFC-11)	µg/L	5	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/L	5	-	-	-	-	-
Vinyl chloride	µg/L	2	ND (10)	ND (10)	ND (10)	-	-
Xylenes (total)	µg/L	-	ND (10)	ND (10)	ND (10)	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/L	5	ND (10)	ND (10)	ND (10)	-	-
1,2-Dichlorobenzene	µg/L	3	ND (10)	ND (10)	ND (10)	-	-
1,3-Dichlorobenzene	µg/L	3	ND (10)	ND (10)	ND (10)	-	-
1,4-Dichlorobenzene	µg/L	3	ND (10)	ND (10)	ND (10)	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	5	ND (10)	ND (10)	ND (10)	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*EW8*	*EW8*	*EW8*	*EW8*	*OW1*
Sample ID:			*GW-031804-MA-009*	*GW-031904-MA-011*	*GW-032004-MA-013*	*GW-93004-BC-1*	*OW-1*
Sample Date:			*3/18/2004*	*3/19/2004*	*3/20/2004*	*9/30/2004*	*11/1/1990*
Parameter	*Units*	*New York TOGs Table 1*					
2,4,5-Trichlorophenol	µg/L	-	ND (25)	ND (25)	ND (25)	-	-
2,4,6-Trichlorophenol	µg/L	-	ND (10)	ND (10)	ND (10)	-	-
2,4-Dichlorophenol	µg/L	5	ND (10)	ND (10)	ND (10)	-	-
2,4-Dimethylphenol	µg/L	-	ND (10)	ND (10)	ND (10)	-	-
2,4-Dinitrophenol	µg/L	-	ND (25)	ND (25)	ND (25)	-	-
2,4-Dinitrotoluene	µg/L	5	ND (10)	ND (10)	ND (10)	-	-
2,6-Dinitrotoluene	µg/L	5	ND (10)	ND (10)	ND (10)	-	-
2-Chloronaphthalene	µg/L	-	ND (10)	ND (10)	ND (10)	-	-
2-Chlorophenol	µg/L	-	ND (10)	ND (10)	ND (10)	-	-
2-Methylnaphthalene	µg/L	-	ND (10)	ND (10)	ND (10)	-	-
2-Methylphenol	µg/L	-	ND (10)	ND (10)	ND (10)	-	-
2-Nitroaniline	µg/L	5	ND (25)	ND (25)	ND (25)	-	-
2-Nitrophenol	µg/L	-	ND (10)	ND (10)	ND (10)	-	-
3,3'-Dichlorobenzidine	µg/L	5	ND (20)	ND (20)	ND (20)	-	-
3-Nitroaniline	µg/L	5	ND (25)	ND (25)	ND (25)	-	-
4,6-Dinitro-2-methylphenol	µg/L	-	ND (25)	ND (25)	ND (25)	-	-
4-Bromophenyl phenyl ether	µg/L	-	ND (10)	ND (10)	ND (10)	-	-
4-Chloro-3-methylphenol	µg/L	-	ND (10)	ND (10)	ND (10)	-	-
4-Chloroaniline	µg/L	5	ND (10)	ND (10)	ND (10)	-	-
4-Chlorophenyl phenyl ether	µg/L	-	ND (10)	ND (10)	ND (10)	-	-
4-Methylphenol	µg/L	-	ND (10)	ND (10)	ND (10)	-	-
4-Nitroaniline	µg/L	5	ND (25)	ND (25)	ND (25)	-	-
4-Nitrophenol	µg/L	-	ND (25)	ND (25)	ND (25)	-	-
Acenaphthene	µg/L	-	ND (10)	ND (10)	ND (10)	-	-
Acenaphthylene	µg/L	-	ND (10)	ND (10)	ND (10)	-	-
Acetophenone	µg/L	-	-	-	-	-	-
Anthracene	µg/L	-	ND (10)	ND (10)	ND (10)	-	-
Atrazine	µg/L	7.5	-	-	-	-	-
Benzaldehyde	µg/L	-	-	-	-	-	-
Benzo(a)anthracene	µg/L	-	ND (10)	ND (10)	ND (10)	-	-
Benzo(a)pyrene	µg/L	-	ND (10)	ND (10)	ND (10)	-	-
Benzo(b)fluoranthene	µg/L	-	ND (10)	ND (10)	ND (10)	-	-
Benzo(g,h,i)perylene	µg/L	-	ND (10)	ND (10)	ND (10)	-	-
Benzo(k)fluoranthene	µg/L	-	ND (10)	ND (10)	ND (10)	-	-
Biphenyl (1,1-Biphenyl)	µg/L	5	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/L	5	ND (10)	ND (10)	ND (10)	-	-
bis(2-Chloroethyl)ether	µg/L	1	ND (10)	ND (10)	ND (10)	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	5	ND (10)	ND (10)	ND (10)	-	-
Butyl benzylphthalate (BBP)	µg/L	-	ND (10)	ND (10)	ND (10)	-	-
Caprolactam	µg/L	-	-	-	-	-	-
Carbazole	µg/L	-	ND (10)	ND (10)	ND (10)	-	-
Chrysene	µg/L	-	ND (10)	ND (10)	ND (10)	-	-
Dibenz(a,h)anthracene	µg/L	-	ND (10)	ND (10)	ND (10)	-	-
Dibenz(a,j)acridine	µg/L	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/L	-	-	-	-	-	-
Dibenzofuran	µg/L	-	ND (10)	ND (10)	ND (10)	-	-
Diethyl phthalate	µg/L	-	ND (10)	ND (10)	ND (10)	-	-
Dimethyl phthalate	µg/L	-	ND (10)	ND (10)	ND (10)	-	-
Di-n-butylphthalate (DBP)	µg/L	50	ND (10)	ND (10)	ND (10)	-	-
Di-n-octyl phthalate (DnOP)	µg/L	-	ND (10)	ND (10)	ND (10)	-	-
Fluoranthene	µg/L	-	ND (10)	ND (10)	ND (10)	-	-
Fluorene	µg/L	-	ND (10)	ND (10)	ND (10)	-	-
Hexachlorobenzene	µg/L	0.04	ND (10)	ND (10)	ND (10)	-	-
Hexachlorobutadiene	µg/L	0.5	ND (10)	ND (10)	ND (10)	-	-
Hexachlorocyclopentadiene	µg/L	5	ND (10)	ND (10)	ND (10)	-	-
Hexachloroethane	µg/L	5	ND (10)	ND (10)	ND (10)	-	-
Indeno(1,2,3-cd)pyrene	µg/L	-	ND (10)	ND (10)	ND (10)	-	-
Isophorone	µg/L	-	ND (10)	ND (10)	ND (10)	-	-
Naphthalene	µg/L	-	ND (10)	ND (10)	ND (10)	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*EW8*	*EW8*	*EW8*	*EW8*	*OW1*
Sample ID:			*GW-031804-MA-009*	*GW-031904-MA-011*	*GW-032004-MA-013*	*GW-93004-BC-1*	*OW-1*
Sample Date:			*3/18/2004*	*3/19/2004*	*3/20/2004*	*9/30/2004*	*11/1/1990*
Parameter	*Units*	*New York TOGs Table 1*					
Nitrobenzene	µg/L	0.4	ND (10)	ND (10)	ND (10)	-	-
N-Nitrosodi-n-propylamine	µg/L	-	ND (10)	ND (10)	ND (10)	-	-
N-Nitrosodiphenylamine	µg/L	-	ND (10)	ND (10)	ND (10)	-	-
Pentachlorophenol	µg/L	1	ND (25)	ND (25)	ND (25)	-	-
Phenanthrene	µg/L	-	ND (10)	ND (10)	ND (10)	-	-
Phenol	µg/L	1	ND (10)	ND (10)	ND (10)	-	-
Pyrene	µg/L	-	ND (10)	ND (10)	ND (10)	-	-
Metals							
Aluminum	µg/L	-	52.6	41.0	25.8	-	-
Aluminum (dissolved)	µg/L	-	ND (9.7) UJ	ND (9.7) UJ	ND (9.7) UJ	-	-
Antimony	µg/L	3	ND (1.6)	ND (2.6)	ND (2.6)	-	-
Antimony (dissolved)	µg/L	3	ND (2.8) UJ	ND (2.8) UJ	ND (2.8) UJ	-	-
Arsenic	µg/L	25	14.9	17.0	21.2	-	-
Arsenic (dissolved)	µg/L	25	15.0 J	16.8 J	16.1 J	-	-
Barium	µg/L	1000	122	130	121	-	-
Barium (dissolved)	µg/L	1000	104 J	112 J	94.9 J	-	-
Beryllium	µg/L	-	ND (0.10)	ND (0.20)	ND (0.20)	-	-
Beryllium (dissolved)	µg/L	-	ND (0.10) UJ	ND (0.10) UJ	ND (0.10) UJ	-	-
Cadmium	µg/L	5	ND (0.20)	ND (0.20)	ND (0.20)	-	ND (1)/2.1
Cadmium (dissolved)	µg/L	5	ND (0.30) UJ	ND (0.30) UJ	ND (0.30) UJ	-	ND (1)/4.7
Calcium	µg/L	-	172000	179000	180000	-	-
Calcium (dissolved)	µg/L	-	176000 J	164000 J	158000 J	-	-
Chromium	µg/L	50	1.5	ND (5.0)	ND (5.0)	-	-
Chromium Total (dissolved)	µg/L	50	ND (0.60) UJ	1.0 J	ND (0.60) UJ	-	-
Chromium VI (hexavalent)	µg/L	50	ND (20)	ND (20)	ND (20)	-	-
Chromium VI (hexavalent) (dissolved)	µg/L	50	-	-	-	-	-
Cobalt	µg/L	-	4.4	2.4	2.8	-	-
Cobalt (dissolved)	µg/L	-	3.5 J	2.2 J	2.2 J	-	-
Copper	µg/L	200	5.3 J	ND (1.1)	1.4	-	-
Copper (dissolved)	µg/L	200	2.6 J	1.4 J	1.5 J	-	-
Iron	µg/L	300	**1050**	**1090**	**1360**	-	-
Iron (dissolved)	µg/L	300	19.3 J	**904 J**	50.7 J	-	-
Lead	µg/L	25	3.5	ND (1.6)	ND (1.6)	-	**39.6/28.2**
Lead (dissolved)	µg/L	25	1.2 J	ND (1.1) UJ	ND (1.1) UJ	-	ND (2)/ND (2)
Magnesium	µg/L	-	70100	70900	68800	-	-
Magnesium (dissolved)	µg/L	-	71900 J	66500 J	63600 J	-	-
Manganese	µg/L	300	143	129	140	-	-
Manganese (dissolved)	µg/L	300	137 J	116 J	120 J	-	-
Mercury	µg/L	0.7	ND (0.10)	ND (0.10)	ND (0.10)	-	-
Mercury (dissolved)	µg/L	0.7	ND (0.10) UJ	ND (0.10) UJ	ND (0.10) UJ	-	-
Nickel	µg/L	100	14.4	8.6	9.5	-	-
Nickel (dissolved)	µg/L	100	12.0 J	7.1 J	7.5 J	-	-
Potassium	µg/L	-	48300	47200	43400	-	-
Potassium (dissolved)	µg/L	-	45500 J	42100 J	40500 J	-	-
Selenium	µg/L	10	ND (1.8)	ND (2.3) UJ	ND (2.3) UJ	-	-
Selenium (dissolved)	µg/L	10	2.0 J	ND (2.0) UJ	ND (2.0) UJ	-	-
Silver	µg/L	50	ND (0.50)	ND (0.40)	ND (0.40)	-	-
Silver (dissolved)	µg/L	50	ND (0.40) UJ	ND (0.40) UJ	ND (0.40) UJ	-	-
Sodium	µg/L	20000	**340000**	**367000**	**344000**	-	-
Sodium (dissolved)	µg/L	20000	**327000 J**	**308000 J**	**297000 J**	-	-
Thallium	µg/L	-	ND (1.9)	ND (2.4)	2.5	-	-
Thallium (dissolved)	µg/L	-	ND (2.3) UJ	ND (2.3) UJ	ND (2.3) UJ	-	-
Vanadium	µg/L	-	ND (1.0)	ND (1.2)	ND (1.2)	-	-
Vanadium (dissolved)	µg/L	-	ND (1.3) UJ	ND (1.3) UJ	ND (1.3) UJ	-	-
Zinc	µg/L	-	321	97.9	121	-	-
Zinc (dissolved)	µg/L	-	28.9 J	51.0 J	8.4 J	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*EW8*	*EW8*	*EW8*	*EW8*	*OW1*
Sample ID:			*GW-031804-MA-009*	*GW-031904-MA-011*	*GW-032004-MA-013*	*GW-93004-BC-1*	*OW-1*
Sample Date:			*3/18/2004*	*3/19/2004*	*3/20/2004*	*9/30/2004*	*11/1/1990*
Parameter	*Units*	*New York TOGs Table 1*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/L	-	ND (0.065)	ND (0.065)	R	-	-
Aroclor-1221 (PCB-1221)	µg/L	-	ND (0.065)	ND (0.065)	R	-	-
Aroclor-1232 (PCB-1232)	µg/L	-	ND (0.065)	ND (0.065)	R	-	-
Aroclor-1242 (PCB-1242)	µg/L	-	ND (0.065)	ND (0.065)	R	-	-
Aroclor-1248 (PCB-1248)	µg/L	-	ND (0.065)	ND (0.065)	R	-	-
Aroclor-1254 (PCB-1254)	µg/L	-	ND (0.065)	ND (0.065)	R	-	-
Aroclor-1260 (PCB-1260)	µg/L	-	ND (0.065)	ND (0.065)	R	-	-
Total PCBs	µg/L	-	ND	ND	-	-	-
Pesticides							
4,4'-DDD	µg/L	0.3	ND (0.10)	ND (0.10)	ND (0.10)	-	-
4,4'-DDE	µg/L	0.2	ND (0.10)	ND (0.10)	ND (0.10)	-	-
4,4'-DDT	µg/L	0.2	ND (0.10)	ND (0.10)	ND (0.10)	-	-
Aldrin	µg/L	-	ND (0.050)	ND (0.050)	ND (0.050)	-	-
alpha-BHC	µg/L	0.01	ND (0.050)	ND (0.050)	ND (0.050)	-	-
alpha-Chlordane	µg/L	-	ND (0.050)	ND (0.050)	ND (0.050)	-	-
beta-BHC	µg/L	0.04	ND (0.050)	ND (0.050)	ND (0.050)	-	-
delta-BHC	µg/L	0.04	ND (0.050)	ND (0.050)	ND (0.050)	-	-
Dieldrin	µg/L	0.004	ND (0.10)	ND (0.10)	ND (0.10)	-	-
Endosulfan I	µg/L	-	ND (0.050)	ND (0.050)	ND (0.050)	-	-
Endosulfan II	µg/L	-	ND (0.10)	ND (0.10)	ND (0.10)	-	-
Endosulfan sulfate	µg/L	-	ND (0.10)	ND (0.10)	ND (0.10)	-	-
Endrin	µg/L	-	ND (0.10)	ND (0.10)	ND (0.10)	-	-
Endrin aldehyde	µg/L	5	ND (0.10)	ND (0.10)	ND (0.10)	-	-
Endrin ketone	µg/L	5	ND (0.10)	ND (0.10)	ND (0.10)	-	-
gamma-BHC (lindane)	µg/L	0.05	ND (0.050)	ND (0.050)	ND (0.050)	-	-
gamma-Chlordane	µg/L	-	ND (0.050)	ND (0.050)	ND (0.050)	-	-
Heptachlor	µg/L	0.04	ND (0.050)	ND (0.050)	ND (0.050)	-	-
Heptachlor epoxide	µg/L	0.03	ND (0.050)	ND (0.050)	ND (0.050)	-	-
Methoxychlor	µg/L	35	ND (0.50)	ND (0.50)	ND (0.50)	-	-
Toxaphene	µg/L	0.06	ND (5.0)	ND (5.0)	ND (5.0)	-	-
General Chemistry							
Alkalinity, total (as CaCO3)	µg/L	-	1150000	584000	578000	-	-
Ammonia-N	µg/L	-	6070	7380	7050	-	-
Biochemical oxygen demand (BOD)	µg/L	-	-	-	-	-	-
Biochemical oxygen demand (carbonaceous)	µg/L	-	-	-	-	4000	-
Calcium carbonate	µg/L	-	920000	740000	840000	-	-
Chemical oxygen demand (COD)	µg/L	-	-	-	-	-	-
Chloride	µg/L	250000	**414000**	**389000**	150000	-	-
Conductivity	µmhos/cm	-	-	-	-	-	-
Cyanide (amenable)	µg/L	-	ND (10)	ND (10)	ND (10)	-	-
Cyanide (dissolved)	µg/L	-	-	-	-	-	-
Cyanide (total)	µg/L	200	ND (10.0)	ND (10.0)	ND (10.0)	-	-
Ignitability	deg C	-	60 >	-	-	-	-
Nitrate (as N)	µg/L	10000	ND (100)	ND (100)	ND (100)	-	-
Nitrite (as N)	µg/L	1000	ND (100)	ND (100)	ND (100)	-	-
Nitrite/Nitrate	µg/L	10000	-	-	-	110	-
Nitrogen	µg/L	-	-	-	-	8800	-
pH	s.u.	6.5-8.5	-	-	-	-	-
pH (water)	s.u.	6.5-8.5	7.4	7.4	7.4	-	-
pH corrosivity	s.u.	-	-	-	-	-	-
Reactive cyanide	µg/L	-	-	-	-	-	-
Reactive sulfide	µg/L	-	-	-	-	-	-
Sulfate	µg/L	250000	**313000**	**317000**	178000	-	-
Sulfide	µg/L	-	4500	5000	4700	-	-
Total dissolved solids (TDS)	µg/L	500000	**1580000**	**1660000**	**1530000**	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*EW8*	*EW8*	*EW8*	*EW8*	*OW1*
Sample ID:			*GW-031804-MA-009*	*GW-031904-MA-011*	*GW-032004-MA-013*	*GW-93004-BC-1*	*OW-1*
Sample Date:			*3/18/2004*	*3/19/2004*	*3/20/2004*	*9/30/2004*	*11/1/1990*
Parameter	*Units*	*New York TOGs Table 1*					
Total kjeldahl nitrogen (TKN)	µg/L	-	7360	8360	7280	8670	-
Total organic carbon (TOC)	µg/L	-	4600	4700	4700	-	-
Total Petroleum Hydrocarbons	µg/L	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Non-Polar Material - SGT HEM	µg/L	-	ND (5000)	ND (5000)	ND (5000)	-	-
Total solids	µg/L	-	-	-	-	-	-
Total suspended solids (TSS)	µg/L	-	10000	ND (10000)	ND (10000)	-	-
Field Parameters							
Conductivity, field	mS/cm	-	-	-	-	-	-
Dissolved oxygen (DO), field	µg/L	-	-	-	-	-	-
Oxidation reduction potential (ORP), field	millivolts	-	-	-	-	-	-
pH, field	s.u.	6.5-8.5	-	-	-	-	-
Salinity	%	-	-	-	-	-	-
Temperature, field	deg C	-	-	-	-	-	-
Turbidity	NTU	5	-	-	-	-	-

Notes:

(DT) - Analytical results for total and dissolved metals were originally reversed in the original analytical data package, and have been corrected in this table.

> - Greater than amount reported.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

S - Value determined by the method of standard addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

W - Post-digestion spike out of control limits.

- - Not applicable.

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW1*	*OW1*	*OW1*	*OW1*	*OW1*
Sample ID:			*OW-1*	*OW-1*	*OW-1*	*OW-1*	*OW1*
Sample Date:			*1/1/1991*	*4/1/1991*	*6/1/1991*	*11/1/1991*	*12/10/1993*
Parameter	*Units*	*New York TOGs Table 1*					
Volatiles							
1,1,1-Trichloroethane	µg/L	5	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/L	5	-	-	-	-	-
1,1,2-Trichloroethane	µg/L	1	-	-	-	-	-
1,1-Dichloroethane	µg/L	5	-	-	-	-	-
1,1-Dichloroethene	µg/L	5	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/L	5	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	0.04	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/L	0.0006	-	-	-	-	-
1,2-Dichlorobenzene	µg/L	3	-	-	-	-	-
1,2-Dichloroethane	µg/L	0.6	-	-	-	-	-
1,2-Dichloroethene (total)	µg/L	-	-	-	-	-	-
1,2-Dichloropropane	µg/L	1	-	-	-	-	-
1,3-Dichlorobenzene	µg/L	3	-	-	-	-	-
1,4-Dichlorobenzene	µg/L	3	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	-	-	-	-	-	-
2-Hexanone	µg/L	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	-	-	-	-	-	-
Acetone	µg/L	-	-	-	-	-	-
Benzene	µg/L	1	-	-	-	-	-
Bromodichloromethane	µg/L	-	-	-	-	-	-
Bromoform	µg/L	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/L	5	-	-	-	-	-
Carbon disulfide	µg/L	60	-	-	-	-	-
Carbon tetrachloride	µg/L	5	-	-	-	-	-
Chlorobenzene	µg/L	5	-	-	-	-	-
Chloroethane	µg/L	5	-	-	-	-	-
Chloroform (Trichloromethane)	µg/L	7	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/L	5	-	-	-	-	-
cis-1,2-Dichloroethene	µg/L	5	-	-	-	-	-
cis-1,3-Dichloropropene	µg/L	-	-	-	-	-	-
Cyclohexane	µg/L	-	-	-	-	-	-
Dibromochloromethane	µg/L	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/L	5	-	-	-	-	-
Ethylbenzene	µg/L	5	-	-	-	-	-
Isopropyl benzene	µg/L	5	-	-	-	-	-
m&p-Xylenes	µg/L	-	-	-	-	-	-
Methyl acetate	µg/L	-	-	-	-	-	-
Methyl cyclohexane	µg/L	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/L	-	-	-	-	-	-
Methylene chloride	µg/L	5	-	-	-	-	-
o-Xylene	µg/L	5	-	-	-	-	-
Styrene	µg/L	5	-	-	-	-	-
Tetrachloroethene	µg/L	5	-	-	-	-	-
Toluene	µg/L	5	-	-	-	-	-
trans-1,2-Dichloroethene	µg/L	5	-	-	-	-	-
trans-1,3-Dichloropropene	µg/L	-	-	-	-	-	-
Trichloroethene	µg/L	5	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/L	5	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/L	5	-	-	-	-	-
Vinyl chloride	µg/L	2	-	-	-	-	-
Xylenes (total)	µg/L	-	-	-	-	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/L	5	-	-	-	-	-
1,2-Dichlorobenzene	µg/L	3	-	-	-	-	-
1,3-Dichlorobenzene	µg/L	3	-	-	-	-	-
1,4-Dichlorobenzene	µg/L	3	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	5	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW1*	*OW1*	*OW1*	*OW1*	*OW1*
Sample ID:			*OW-1*	*OW-1*	*OW-1*	*OW-1*	*OW1*
Sample Date:			*1/1/1991*	*4/1/1991*	*6/1/1991*	*11/1/1991*	*12/10/1993*
Parameter	*Units*	*New York TOGs Table 1*					
2,4,5-Trichlorophenol	µg/L	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/L	-	-	-	-	-	-
2,4-Dichlorophenol	µg/L	5	-	-	-	-	-
2,4-Dimethylphenol	µg/L	-	-	-	-	-	-
2,4-Dinitrophenol	µg/L	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/L	5	-	-	-	-	-
2,6-Dinitrotoluene	µg/L	5	-	-	-	-	-
2-Chloronaphthalene	µg/L	-	-	-	-	-	-
2-Chlorophenol	µg/L	-	-	-	-	-	-
2-Methylnaphthalene	µg/L	-	-	-	-	-	-
2-Methylphenol	µg/L	-	-	-	-	-	-
2-Nitroaniline	µg/L	5	-	-	-	-	-
2-Nitrophenol	µg/L	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/L	5	-	-	-	-	-
3-Nitroaniline	µg/L	5	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/L	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/L	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/L	-	-	-	-	-	-
4-Chloroaniline	µg/L	5	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/L	-	-	-	-	-	-
4-Methylphenol	µg/L	-	-	-	-	-	-
4-Nitroaniline	µg/L	5	-	-	-	-	-
4-Nitrophenol	µg/L	-	-	-	-	-	-
Acenaphthene	µg/L	-	-	-	-	-	-
Acenaphthylene	µg/L	-	-	-	-	-	-
Acetophenone	µg/L	-	-	-	-	-	-
Anthracene	µg/L	-	-	-	-	-	-
Atrazine	µg/L	7.5	-	-	-	-	-
Benzaldehyde	µg/L	-	-	-	-	-	-
Benzo(a)anthracene	µg/L	-	-	-	-	-	-
Benzo(a)pyrene	µg/L	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/L	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/L	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/L	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/L	5	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/L	5	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/L	1	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	5	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/L	-	-	-	-	-	-
Caprolactam	µg/L	-	-	-	-	-	-
Carbazole	µg/L	-	-	-	-	-	-
Chrysene	µg/L	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/L	-	-	-	-	-	-
Dibenz(a,j)acridine	µg/L	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/L	-	-	-	-	-	-
Dibenzofuran	µg/L	-	-	-	-	-	-
Diethyl phthalate	µg/L	-	-	-	-	-	-
Dimethyl phthalate	µg/L	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/L	50	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/L	-	-	-	-	-	-
Fluoranthene	µg/L	-	-	-	-	-	-
Fluorene	µg/L	-	-	-	-	-	-
Hexachlorobenzene	µg/L	0.04	-	-	-	-	-
Hexachlorobutadiene	µg/L	0.5	-	-	-	-	-
Hexachlorocyclopentadiene	µg/L	5	-	-	-	-	-
Hexachloroethane	µg/L	5	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/L	-	-	-	-	-	-
Isophorone	µg/L	-	-	-	-	-	-
Naphthalene	µg/L	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW1*	*OW1*	*OW1*	*OW1*	*OW1*
Sample ID:			*OW-1*	*OW-1*	*OW-1*	*OW-1*	*OW1*
Sample Date:			*1/1/1991*	*4/1/1991*	*6/1/1991*	*11/1/1991*	*12/10/1993*
Parameter	*Units*	*New York TOGs Table 1*					
Nitrobenzene	µg/L	0.4	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/L	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/L	-	-	-	-	-	-
Pentachlorophenol	µg/L	1	-	-	-	-	-
Phenanthrene	µg/L	-	-	-	-	-	-
Phenol	µg/L	1	-	-	-	-	-
Pyrene	µg/L	-	-	-	-	-	-
Metals							
Aluminum	µg/L	-	-	-	-	-	178000/143000
Aluminum (dissolved)	µg/L	-	-	-	-	-	63 B/ND (23.2)
Antimony	µg/L	3	-	-	-	-	**106/191**
Antimony (dissolved)	µg/L	3	-	-	-	-	**ND (57.7)/555**
Arsenic	µg/L	25	-	-	-	-	**9150/2360**
Arsenic (dissolved)	µg/L	25	-	-	-	-	8 B/11.3
Barium	µg/L	1000	-	-	-	-	**1510/1050**
Barium (dissolved)	µg/L	1000	-	-	-	-	ND (0.5)/ND (0.5)
Beryllium	µg/L	-	-	-	-	-	3.6 B/5.6
Beryllium (dissolved)	µg/L	-	-	-	-	-	ND (0.6)/ND (0.6)
Cadmium	µg/L	5	**7/2.6**	ND (1)/ND (1)	ND (2.5)/ND (2.5) UJ	ND (2.5)	ND (1.8)/ND (1.8)
Cadmium (dissolved)	µg/L	5	2.9/3.2	-	ND (2.5)/ND (2.5)	ND (2.5)	ND (1.8)/ND (1.8)
Calcium	µg/L	-	-	-	-	-	145000/162000
Calcium (dissolved)	µg/L	-	-	-	-	-	140000/128000
Chromium	µg/L	50	-	-	-	-	**17700/5680**
Chromium Total (dissolved)	µg/L	50	-	-	-	-	5 B/ND (5)
Chromium VI (hexavalent)	µg/L	50	-	-	-	-	ND (0.05)/ND (0.05)
Chromium VI (hexavalent) (dissolved)	µg/L	50	-	-	-	-	ND (0.05)/ND (0.05)
Cobalt	µg/L	-	-	-	-	-	173/132
Cobalt (dissolved)	µg/L	-	-	-	-	-	5.6 B/ND (5.5)
Copper	µg/L	200	-	-	-	-	**1860/3000**
Copper (dissolved)	µg/L	200	-	-	-	-	37.3/3.7 B
Iron	µg/L	300	-	-	-	-	**280000/676000**
Iron (dissolved)	µg/L	300	-	-	-	-	38.6 B/ND (159)
Lead	µg/L	25	**25.2/16.7**	ND (2)/ND (2)	7/ND (2)	ND (2)	**313/223**
Lead (dissolved)	µg/L	25	ND (2)/ND (2)	ND (2)/ND (2)	ND (2)/ND (2)	ND (2)	ND (1)/ND (1)
Magnesium	µg/L	-	-	-	-	-	63000/50400
Magnesium (dissolved)	µg/L	-	-	-	-	-	37500/42800
Manganese	µg/L	300	-	-	-	-	**2340/2650**
Manganese (dissolved)	µg/L	300	-	-	-	-	13.9 B/13.8 B
Mercury	µg/L	0.7	-	-	-	-	ND (0.1)/0.11 B
Mercury (dissolved)	µg/L	0.7	-	-	-	-	ND (0.1)/ND (0.1)
Nickel	µg/L	100	-	-	-	-	**372/1900**
Nickel (dissolved)	µg/L	100	-	-	-	-	**36.6 B/179**
Potassium	µg/L	-	-	-	-	-	115000/70200
Potassium (dissolved)	µg/L	-	-	-	-	-	3000 B/3480 B
Selenium	µg/L	10	-	-	-	-	**12.9 B/18.8 B**
Selenium (dissolved)	µg/L	10	-	-	-	-	3.7 B/5.9
Silver	µg/L	50	-	-	-	-	ND (3.9)/ND (3.9)
Silver (dissolved)	µg/L	50	-	-	-	-	ND (4.9)/7.3 B
Sodium	µg/L	20000	-	-	-	-	**48800/43100**
Sodium (dissolved)	µg/L	20000	-	-	-	-	**45100/36900**
Thallium	µg/L	-	-	-	-	-	ND (1)/ND (1)
Thallium (dissolved)	µg/L	-	-	-	-	-	ND (1)/ND (1)
Vanadium	µg/L	-	-	-	-	-	3510/1740
Vanadium (dissolved)	µg/L	-	-	-	-	-	ND (16.3)/ND (16.3)
Zinc	µg/L	-	-	-	-	-	1020/778
Zinc (dissolved)	µg/L	-	-	-	-	-	ND (3.1)/48.5

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW1*	*OW1*	*OW1*	*OW1*	*OW1*
Sample ID:			*OW-1*	*OW-1*	*OW-1*	*OW-1*	*OW1*
Sample Date:			*1/1/1991*	*4/1/1991*	*6/1/1991*	*11/1/1991*	*12/10/1993*
Parameter	*Units*	*New York TOGs Table 1*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/L	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	µg/L	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	µg/L	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	µg/L	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	µg/L	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	µg/L	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	µg/L	-	-	-	-	-	-
Total PCBs	µg/L	-	-	-	-	-	-
Pesticides							
4,4'-DDD	µg/L	0.3	-	-	-	-	-
4,4'-DDE	µg/L	0.2	-	-	-	-	-
4,4'-DDT	µg/L	0.2	-	-	-	-	-
Aldrin	µg/L	-	-	-	-	-	-
alpha-BHC	µg/L	0.01	-	-	-	-	-
alpha-Chlordane	µg/L	-	-	-	-	-	-
beta-BHC	µg/L	0.04	-	-	-	-	-
delta-BHC	µg/L	0.04	-	-	-	-	-
Dieldrin	µg/L	0.004	-	-	-	-	-
Endosulfan I	µg/L	-	-	-	-	-	-
Endosulfan II	µg/L	-	-	-	-	-	-
Endosulfan sulfate	µg/L	-	-	-	-	-	-
Endrin	µg/L	-	-	-	-	-	-
Endrin aldehyde	µg/L	5	-	-	-	-	0.057
Endrin ketone	µg/L	5	-	-	-	-	-
gamma-BHC (lindane)	µg/L	0.05	-	-	-	-	-
gamma-Chlordane	µg/L	-	-	-	-	-	-
Heptachlor	µg/L	0.04	-	-	-	-	-
Heptachlor epoxide	µg/L	0.03	-	-	-	-	-
Methoxychlor	µg/L	35	-	-	-	-	-
Toxaphene	µg/L	0.06	-	-	-	-	-
General Chemistry							
Alkalinity, total (as CaCO3)	µg/L	-	-	-	-	-	-
Ammonia-N	µg/L	-	-	-	-	-	-
Biochemical oxygen demand (BOD)	µg/L	-	-	-	-	-	-
Biochemical oxygen demand (carbonaceous)	µg/L	-	-	-	-	-	-
Calcium carbonate	µg/L	-	-	-	-	-	-
Chemical oxygen demand (COD)	µg/L	-	-	-	-	-	-
Chloride	µg/L	250000	-	-	-	-	78.1/109
Conductivity	µmhos/cm	-	-	-	-	-	-
Cyanide (amenable)	µg/L	-	-	-	-	-	-
Cyanide (dissolved)	µg/L	-	-	-	-	-	-
Cyanide (total)	µg/L	200	-	-	-	-	7.3/1.2 B
Ignitability	deg C	-	-	-	-	-	-
Nitrate (as N)	µg/L	10000	-	-	-	-	-
Nitrite (as N)	µg/L	1000	-	-	-	-	-
Nitrite/Nitrate	µg/L	10000	-	-	-	-	-
Nitrogen	µg/L	-	-	-	-	-	-
pH	s.u.	6.5-8.5	-	-	-	-	-
pH (water)	s.u.	6.5-8.5	-	-	-	-	-
pH corrosivity	s.u.	-	-	-	-	-	6.99/6.91
Reactive cyanide	µg/L	-	-	-	-	-	ND (0.05)/ND (0.05)
Reactive sulfide	µg/L	-	-	-	-	-	ND (1)/ND (1)
Sulfate	µg/L	250000	-	-	-	-	-
Sulfide	µg/L	-	-	-	-	-	-
Total dissolved solids (TDS)	µg/L	500000	-	-	-	-	692/643

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW1*	*OW1*	*OW1*	*OW1*	*OW1*
Sample ID:			*OW-1*	*OW-1*	*OW-1*	*OW-1*	*OW1*
Sample Date:			*1/1/1991*	*4/1/1991*	*6/1/1991*	*11/1/1991*	*12/10/1993*
Parameter	*Units*	*New York TOGs Table 1*					
Total kjeldahl nitrogen (TKN)	µg/L	-	-	-	-	-	-
Total organic carbon (TOC)	µg/L	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/L	-	-	-	-	-	ND (0.102)/ND (0.101)
Total Petroleum Hydrocarbons - Non-Polar Material - SGT HEM	µg/L	-	-	-	-	-	-
Total solids	µg/L	-	-	-	-	-	-
Total suspended solids (TSS)	µg/L	-	-	-	-	-	-
Field Parameters							
Conductivity, field	mS/cm	-	-	-	-	-	-
Dissolved oxygen (DO), field	µg/L	-	-	-	-	-	-
Oxidation reduction potential (ORP), field	millivolts	-	-	-	-	-	-
pH, field	s.u.	6.5-8.5	-	-	-	-	-
Salinity	%	-	-	-	-	-	-
Temperature, field	deg C	-	-	-	-	-	-
Turbidity	NTU	5	-	-	-	-	-

Notes:

(DT) - Analytical results for total and dissolved metals were originally reversed in the original analytical data package, and have been corrected in this table.

> - Greater than amount reported.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

S - Value determined by the method of standard addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

W - Post-digestion spike out of control limits.

- - Not applicable.

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW1*	*OW1*	*OW1D*	*OW2*	*OW2*	*OW2*
Sample ID:			*RD2*	*GW-WPW-027*	*GW-WPW-028*	*OW-2*	*OW-2*	*OW-2*
Sample Date:			*12/10/1993*	*8/3/1999*	*8/4/1999*	*11/1/1990*	*1/1/1991*	*4/1/1991*
Parameter	*Units*	*New York TOGs Table 1*						
Volatiles								
1,1,1-Trichloroethane	µg/L	5	ND (10)	ND (10)	ND (10)	-	-	-
1,1,2,2-Tetrachloroethane	µg/L	5	ND (10)	ND (10)	ND (10)	-	-	-
1,1,2-Trichloroethane	µg/L	1	ND (10)	ND (10)	ND (10)	-	-	-
1,1-Dichloroethane	µg/L	5	ND (10)	ND (10)	ND (10)	-	-	-
1,1-Dichloroethene	µg/L	5	ND (10)	ND (10)	ND (10)	-	-	-
1,2,4-Trichlorobenzene	µg/L	5	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	0.04	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/L	0.0006	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/L	3	-	-	-	-	-	-
1,2-Dichloroethane	µg/L	0.6	ND (10)	ND (10)	ND (10)	-	-	-
1,2-Dichloroethene (total)	µg/L	-	-	ND (10)	ND (10)	-	-	-
1,2-Dichloropropane	µg/L	1	ND (10)	ND (10)	ND (10)	-	-	-
1,3-Dichlorobenzene	µg/L	3	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/L	3	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	-	ND (10)	ND (10)	ND (10)	-	-	-
2-Hexanone	µg/L	-	ND (10)	ND (10)	ND (10)	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	-	ND (10)	ND (10)	ND (10)	-	-	-
Acetone	µg/L	-	ND (10)	ND (10)	ND (10)	-	-	-
Benzene	µg/L	1	ND (10)	ND (10)	ND (10)	-	-	-
Bromodichloromethane	µg/L	-	ND (10)	ND (10)	ND (10)	-	-	-
Bromoform	µg/L	-	ND (10)	ND (10)	ND (10)	-	-	-
Bromomethane (Methyl bromide)	µg/L	5	ND (10)	ND (10)	ND (10)	-	-	-
Carbon disulfide	µg/L	60	ND (10)	ND (10)	ND (10)	-	-	-
Carbon tetrachloride	µg/L	5	ND (10)	ND (10)	ND (10)	-	-	-
Chlorobenzene	µg/L	5	ND (10)	ND (10)	ND (10)	-	-	-
Chloroethane	µg/L	5	ND (10)	ND (10)	ND (10)	-	-	-
Chloroform (Trichloromethane)	µg/L	7	ND (10)	ND (10)	ND (10)	-	-	-
Chloromethane (Methyl chloride)	µg/L	5	ND (10)	ND (10)	ND (10)	-	-	-
cis-1,2-Dichloroethene	µg/L	5	ND (10)	-	-	-	-	-
cis-1,3-Dichloropropene	µg/L	-	ND (10)	ND (10)	ND (10)	-	-	-
Cyclohexane	µg/L	-	-	-	-	-	-	-
Dibromochloromethane	µg/L	-	ND (10)	ND (10)	ND (10)	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/L	5	-	-	-	-	-	-
Ethylbenzene	µg/L	5	ND (10)	ND (10)	ND (10)	-	-	-
Isopropyl benzene	µg/L	5	-	-	-	-	-	-
m&p-Xylenes	µg/L	-	ND (10)	-	-	-	-	-
Methyl acetate	µg/L	-	-	-	-	-	-	-
Methyl cyclohexane	µg/L	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/L	-	-	-	-	-	-	-
Methylene chloride	µg/L	5	ND (10)	ND (10)	ND (10)	-	-	-
o-Xylene	µg/L	5	ND (10)	-	-	-	-	-
Styrene	µg/L	5	ND (10)	ND (10)	ND (10)	-	-	-
Tetrachloroethene	µg/L	5	ND (10)	1 J	ND (10)	-	-	-
Toluene	µg/L	5	ND (10)	ND (10)	ND (10)	-	-	-
trans-1,2-Dichloroethene	µg/L	5	ND (10)	-	-	-	-	-
trans-1,3-Dichloropropene	µg/L	-	ND (10)	ND (10)	ND (10)	-	-	-
Trichloroethene	µg/L	5	ND (10)	ND (10)	ND (10)	-	-	-
Trichlorofluoromethane (CFC-11)	µg/L	5	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/L	5	-	-	-	-	-	-
Vinyl chloride	µg/L	2	ND (10)	ND (10)	ND (10)	-	-	-
Xylenes (total)	µg/L	-	-	ND (10)	ND (10)	-	-	-
Semi-Volatiles								
1,2,4-Trichlorobenzene	µg/L	5	ND (10)	ND (10)	ND (10)	-	-	-
1,2-Dichlorobenzene	µg/L	3	ND (10)	ND (10)	ND (10)	-	-	-
1,3-Dichlorobenzene	µg/L	3	ND (10)	ND (10)	ND (10)	-	-	-
1,4-Dichlorobenzene	µg/L	3	ND (10)	ND (10)	ND (10)	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	5	ND (10)	ND (10)	ND (10)	-	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW1*	*OW1*	*OW1D*	*OW2*	*OW2*	*OW2*
Sample ID:			*RD2*	*GW-WPW-027*	*GW-WPW-028*	*OW-2*	*OW-2*	*OW-2*
Sample Date:			*12/10/1993*	*8/3/1999*	*8/4/1999*	*11/1/1990*	*1/1/1991*	*4/1/1991*
Parameter	*Units*	*New York TOGs Table 1*						
2,4,5-Trichlorophenol	µg/L	-	ND (25)	ND (25)	ND (25)	-	-	-
2,4,6-Trichlorophenol	µg/L	-	ND (10)	ND (10)	ND (10)	-	-	-
2,4-Dichlorophenol	µg/L	5	ND (10)	ND (10)	ND (10)	-	-	-
2,4-Dimethylphenol	µg/L	-	ND (10)	ND (10)	ND (10)	-	-	-
2,4-Dinitrophenol	µg/L	-	ND (25)	ND (25)	ND (25)	-	-	-
2,4-Dinitrotoluene	µg/L	5	ND (10)	ND (10)	ND (10)	-	-	-
2,6-Dinitrotoluene	µg/L	5	ND (10)	ND (10)	ND (10)	-	-	-
2-Chloronaphthalene	µg/L	-	ND (10)	ND (10)	ND (10)	-	-	-
2-Chlorophenol	µg/L	-	ND (10)	ND (10)	ND (10)	-	-	-
2-Methylnaphthalene	µg/L	-	ND (10)	ND (10)	ND (10)	-	-	-
2-Methylphenol	µg/L	-	ND (10)	ND (10)	ND (10)	-	-	-
2-Nitroaniline	µg/L	5	ND (25)	ND (25)	ND (25)	-	-	-
2-Nitrophenol	µg/L	-	ND (10)	ND (10)	ND (10)	-	-	-
3,3'-Dichlorobenzidine	µg/L	5	ND (10)	ND (10)	ND (10)	-	-	-
3-Nitroaniline	µg/L	5	ND (25)	ND (25)	ND (25)	-	-	-
4,6-Dinitro-2-methylphenol	µg/L	-	ND (25)	ND (25)	ND (25)	-	-	-
4-Bromophenyl phenyl ether	µg/L	-	ND (10)	ND (10)	ND (10)	-	-	-
4-Chloro-3-methylphenol	µg/L	-	ND (10)	ND (10)	ND (10)	-	-	-
4-Chloroaniline	µg/L	5	ND (10)	ND (10)	ND (10)	-	-	-
4-Chlorophenyl phenyl ether	µg/L	-	ND (10)	ND (10)	ND (10)	-	-	-
4-Methylphenol	µg/L	-	ND (10)	ND (10)	ND (10)	-	-	-
4-Nitroaniline	µg/L	5	ND (25)	ND (25)	ND (25)	-	-	-
4-Nitrophenol	µg/L	-	ND (25)	ND (25)	ND (25)	-	-	-
Acenaphthene	µg/L	-	ND (10)	ND (10)	ND (10)	-	-	-
Acenaphthylene	µg/L	-	ND (10)	ND (10)	ND (10)	-	-	-
Acetophenone	µg/L	-	-	-	-	-	-	-
Anthracene	µg/L	-	ND (10)	ND (10)	ND (10)	-	-	-
Atrazine	µg/L	7.5	-	-	-	-	-	-
Benzaldehyde	µg/L	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/L	-	ND (10)	ND (10)	ND (10)	-	-	-
Benzo(a)pyrene	µg/L	-	ND (10)	ND (10)	ND (10)	-	-	-
Benzo(b)fluoranthene	µg/L	-	ND (10)	ND (10)	ND (10)	-	-	-
Benzo(g,h,i)perylene	µg/L	-	ND (10)	ND (10)	ND (10)	-	-	-
Benzo(k)fluoranthene	µg/L	-	ND (10)	ND (10)	ND (10)	-	-	-
Biphenyl (1,1-Biphenyl)	µg/L	5	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/L	5	ND (10)	ND (10)	ND (10)	-	-	-
bis(2-Chloroethyl)ether	µg/L	1	ND (10)	ND (10)	ND (10)	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	5	**ND (10)/44**	**10**	**17**	-	-	-
Butyl benzylphthalate (BBP)	µg/L	-	ND (10)	2 J	ND (10)	-	-	-
Caprolactam	µg/L	-	-	-	-	-	-	-
Carbazole	µg/L	-	ND (10)	ND (10)	ND (10)	-	-	-
Chrysene	µg/L	-	ND (10)	ND (10)	ND (10)	-	-	-
Dibenz(a,h)anthracene	µg/L	-	ND (10)	ND (10)	ND (10)	-	-	-
Dibenz(a,j)acridine	µg/L	-	ND (10)	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/L	-	ND (10)	-	-	-	-	-
Dibenzofuran	µg/L	-	ND (10)	ND (10)	ND (10)	-	-	-
Diethyl phthalate	µg/L	-	ND (10)	ND (10)	ND (10)	-	-	-
Dimethyl phthalate	µg/L	-	ND (10)	ND (10)	ND (10)	-	-	-
Di-n-butylphthalate (DBP)	µg/L	50	ND (10)	ND (10)	ND (10)	-	-	-
Di-n-octyl phthalate (DnOP)	µg/L	-	ND (10)	4 J	ND (10)	-	-	-
Fluoranthene	µg/L	-	ND (10)	ND (10)	ND (10)	-	-	-
Fluorene	µg/L	-	ND (10)	ND (10)	ND (10)	-	-	-
Hexachlorobenzene	µg/L	0.04	ND (10)	ND (10)	ND (10)	-	-	-
Hexachlorobutadiene	µg/L	0.5	ND (10)	ND (10)	ND (10)	-	-	-
Hexachlorocyclopentadiene	µg/L	5	ND (10)	ND (10)	ND (10)	-	-	-
Hexachloroethane	µg/L	5	ND (10)	ND (10)	ND (10)	-	-	-
Indeno(1,2,3-cd)pyrene	µg/L	-	ND (10)	ND (10)	ND (10)	-	-	-
Isophorone	µg/L	-	ND (10)	ND (10)	ND (10)	-	-	-
Naphthalene	µg/L	-	ND (10)	ND (10)	ND (10)	-	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW1*	*OW1*	*OW1D*	*OW2*	*OW2*	*OW2*
Sample ID:			*RD2*	*GW-WPW-027*	*GW-WPW-028*	*OW-2*	*OW-2*	*OW-2*
Sample Date:			*12/10/1993*	*8/3/1999*	*8/4/1999*	*11/1/1990*	*1/1/1991*	*4/1/1991*
Parameter	*Units*	*New York TOGs Table 1*						
Nitrobenzene	µg/L	0.4	ND (10)	ND (10)	ND (10)	-	-	-
N-Nitrosodi-n-propylamine	µg/L	-	ND (10)	ND (10)	ND (10)	-	-	-
N-Nitrosodiphenylamine	µg/L	-	ND (10)	ND (10)	ND (10)	-	-	-
Pentachlorophenol	µg/L	1	ND (25)	ND (25)	ND (25)	-	-	-
Phenanthrene	µg/L	-	ND (10)	ND (10)	ND (10)	-	-	-
Phenol	µg/L	1	ND (10)	ND (10)	ND (10)	-	-	-
Pyrene	µg/L	-	ND (10)	ND (10)	ND (10)	-	-	-
Metals								
Aluminum	µg/L	-	-	2110	ND (29.9)	-	-	-
Aluminum (dissolved)	µg/L	-	-	ND (6.0)	ND (6.0)	-	-	-
Antimony	µg/L	3	-	**9.5**	ND (7.2)	-	-	-
Antimony (dissolved)	µg/L	3	-	ND (7.2)	ND (7.2)	-	-	-
Arsenic	µg/L	25	-	**328**	ND (2.0)	-	-	-
Arsenic (dissolved)	µg/L	25	-	24.0	ND (2.0)	-	-	-
Barium	µg/L	1000	-	3.5	65.5	-	-	-
Barium (dissolved)	µg/L	1000	-	ND (0.80)	60.6	-	-	-
Beryllium	µg/L	-	-	0.17	0.26	-	-	-
Beryllium (dissolved)	µg/L	-	-	ND (0.10)	ND (0.10)	-	-	-
Cadmium	µg/L	5	-	ND (0.30)	ND (0.30)	**12/15.3**	**47.2/45**	**15.3/50.8**
Cadmium (dissolved)	µg/L	5	-	ND (0.30)	ND (0.30)	**9.8/13**	**12.9/26**	-
Calcium	µg/L	-	-	162000	147000	-	-	-
Calcium (dissolved)	µg/L	-	-	148000	150000	-	-	-
Chromium	µg/L	50	-	**1400**	1.9	-	-	-
Chromium Total (dissolved)	µg/L	50	-	1.7	1.5	-	-	-
Chromium VI (hexavalent)	µg/L	50	-	-	-	-	-	-
Chromium VI (hexavalent) (dissolved)	µg/L	50	-	-	-	-	-	-
Cobalt	µg/L	-	-	32.2	ND (1.3)	-	-	-
Cobalt (dissolved)	µg/L	-	-	1.8	ND (1.3)	-	-	-
Copper	µg/L	200	-	108	3.5	-	-	-
Copper (dissolved)	µg/L	200	-	ND (2.9)	ND (2.7)	-	-	-
Iron	µg/L	300	-	**25000**	ND (20.7)	-	-	-
Iron (dissolved)	µg/L	300	-	31.1	ND (5.2)	-	-	-
Lead	µg/L	25	-	ND (1.0)	ND (1.0)	**63.2/41.8**	10.9/6.8	ND (2)/ND (2)
Lead (dissolved)	µg/L	25	-	ND (1.0)	ND (1.0)	ND (2)/ND (2)	ND (2)/ND (2)	ND (2)/ND (2)
Magnesium	µg/L	-	-	50900	51000	-	-	-
Magnesium (dissolved)	µg/L	-	-	47700	51300	-	-	-
Manganese	µg/L	300	-	**318**	0.94	-	-	-
Manganese (dissolved)	µg/L	300	-	24.2	0.42	-	-	-
Mercury	µg/L	0.7	-	ND (0.10)	ND (0.10)	-	-	-
Mercury (dissolved)	µg/L	0.7	-	ND (0.10)	ND (0.10)	-	-	-
Nickel	µg/L	100	-	**167**	ND (1.2)	-	-	-
Nickel (dissolved)	µg/L	100	-	29.8	ND (1.2)	-	-	-
Potassium	µg/L	-	-	3460 J	2730 J	-	-	-
Potassium (dissolved)	µg/L	-	-	2850 J	2590 J	-	-	-
Selenium	µg/L	10	-	ND (3.7)	ND (3.7)	-	-	-
Selenium (dissolved)	µg/L	10	-	ND (3.7)	ND (3.7)	-	-	-
Silver	µg/L	50	-	ND (0.60)	0.82	-	-	-
Silver (dissolved)	µg/L	50	-	ND (0.60)	ND (0.60)	-	-	-
Sodium	µg/L	20000	-	**33200**	**28000**	-	-	-
Sodium (dissolved)	µg/L	20000	-	**30200**	**27700**	-	-	-
Thallium	µg/L	-	-	2.9	ND (2.2)	-	-	-
Thallium (dissolved)	µg/L	-	-	ND (2.2)	ND (2.2)	-	-	-
Vanadium	µg/L	-	-	106	ND (1.1)	-	-	-
Vanadium (dissolved)	µg/L	-	-	4.7	ND (1.1)	-	-	-
Zinc	µg/L	-	-	8.7	5.2	-	-	-
Zinc (dissolved)	µg/L	-	-	25.0	ND (3.5)	-	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW1*	*OW1*	*OW1D*	*OW2*	*OW2*	*OW2*
Sample ID:			*RD2*	*GW-WPW-027*	*GW-WPW-028*	*OW-2*	*OW-2*	*OW-2*
Sample Date:			*12/10/1993*	*8/3/1999*	*8/4/1999*	*11/1/1990*	*1/1/1991*	*4/1/1991*
Parameter	*Units*	*New York TOGs Table 1*						
PCBs								
Aroclor-1016 (PCB-1016)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0) J	-	-	-
Aroclor-1221 (PCB-1221)	µg/L	-	ND (2.0)	ND (2.0)	ND (2.0) J	-	-	-
Aroclor-1232 (PCB-1232)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0) J	-	-	-
Aroclor-1242 (PCB-1242)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0) J	-	-	-
Aroclor-1248 (PCB-1248)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0) J	-	-	-
Aroclor-1254 (PCB-1254)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0) J	-	-	-
Aroclor-1260 (PCB-1260)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0) J	-	-	-
Total PCBs	µg/L	-	ND	ND	ND	-	-	-
Pesticides								
4,4'-DDD	µg/L	0.3	ND (0.10)	ND (0.10)	ND (0.10) J	-	-	-
4,4'-DDE	µg/L	0.2	ND (0.10)	ND (0.10)	ND (0.10) J	-	-	-
4,4'-DDT	µg/L	0.2	ND (0.10)	ND (0.10)	ND (0.10) J	-	-	-
Aldrin	µg/L	-	ND (0.05)	ND (0.050)	ND (0.050) J	-	-	-
alpha-BHC	µg/L	0.01	ND (0.05)	ND (0.050)	ND (0.050) J	-	-	-
alpha-Chlordane	µg/L	-	ND (0.05)	ND (0.050)	ND (0.050) J	-	-	-
beta-BHC	µg/L	0.04	ND (0.05)	ND (0.050)	ND (0.050) J	-	-	-
delta-BHC	µg/L	0.04	ND (0.05)	ND (0.050)	ND (0.050) J	-	-	-
Dieldrin	µg/L	0.004	ND (0.10)	ND (0.10)	ND (0.10) J	-	-	-
Endosulfan I	µg/L	-	ND (0.05)	ND (0.050)	ND (0.050) J	-	-	-
Endosulfan II	µg/L	-	ND (0.10)	ND (0.10)	ND (0.10) J	-	-	-
Endosulfan sulfate	µg/L	-	ND (0.10)	ND (0.10)	ND (0.10) J	-	-	-
Endrin	µg/L	-	ND (0.10)	ND (0.10)	ND (0.10) J	-	-	-
Endrin aldehyde	µg/L	5	ND (0.10)	ND (0.10)	ND (0.10) J	-	-	-
Endrin ketone	µg/L	5	ND (0.10)	ND (0.10)	ND (0.10) J	-	-	-
gamma-BHC (lindane)	µg/L	0.05	ND (0.05)	ND (0.050)	ND (0.050) J	-	-	-
gamma-Chlordane	µg/L	-	ND (0.05)	ND (0.050)	ND (0.050) J	-	-	-
Heptachlor	µg/L	0.04	ND (0.05)	ND (0.050)	ND (0.050) J	-	-	-
Heptachlor epoxide	µg/L	0.03	ND (0.05)	ND (0.050)	ND (0.050) J	-	-	-
Methoxychlor	µg/L	35	ND (0.50)	ND (0.50)	ND (0.50) J	-	-	-
Toxaphene	µg/L	0.06	ND (5.0)	ND (5.0)	ND (5.0) J	-	-	-
General Chemistry								
Alkalinity, total (as CaCO3)	µg/L	-	-	-	-	-	-	-
Ammonia-N	µg/L	-	-	-	-	-	-	-
Biochemical oxygen demand (BOD)	µg/L	-	-	-	-	-	-	-
Biochemical oxygen demand (carbonaceous)	µg/L	-	-	-	-	-	-	-
Calcium carbonate	µg/L	-	-	-	-	-	-	-
Chemical oxygen demand (COD)	µg/L	-	-	-	-	-	-	-
Chloride	µg/L	250000	-	-	-	-	-	-
Conductivity	µmhos/cm	-	-	-	-	-	-	-
Cyanide (amenable)	µg/L	-	-	-	-	-	-	-
Cyanide (dissolved)	µg/L	-	-	ND (10.0)	ND (10.0)	-	-	-
Cyanide (total)	µg/L	200	-	ND (10.0)	ND (10.0)	-	-	-
Ignitability	deg C	-	-	-	-	-	-	-
Nitrate (as N)	µg/L	10000	-	-	-	-	-	-
Nitrite (as N)	µg/L	1000	-	-	-	-	-	-
Nitrite/Nitrate	µg/L	10000	-	-	-	-	-	-
Nitrogen	µg/L	-	-	-	-	-	-	-
pH	s.u.	6.5-8.5	-	-	-	-	-	-
pH (water)	s.u.	6.5-8.5	-	-	-	-	-	-
pH corrosivity	s.u.	-	-	-	-	-	-	-
Reactive cyanide	µg/L	-	-	-	-	-	-	-
Reactive sulfide	µg/L	-	-	-	-	-	-	-
Sulfate	µg/L	250000	-	-	-	-	-	-
Sulfide	µg/L	-	-	-	-	-	-	-
Total dissolved solids (TDS)	µg/L	500000	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW1*	*OW1*	*OW1D*	*OW2*	*OW2*	*OW2*
Sample ID:			*RD2*	*GW-WPW-027*	*GW-WPW-028*	*OW-2*	*OW-2*	*OW-2*
Sample Date:			*12/10/1993*	*8/3/1999*	*8/4/1999*	*11/1/1990*	*1/1/1991*	*4/1/1991*
Parameter	*Units*	*New York TOGs Table 1*						
Total kjeldahl nitrogen (TKN)	µg/L	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/L	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/L	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Non-Polar Material - SGT HEM	µg/L	-	-	-	-	-	-	-
Total solids	µg/L	-	-	-	-	-	-	-
Total suspended solids (TSS)	µg/L	-	-	-	-	-	-	-
Field Parameters								
Conductivity, field	mS/cm	-	-	-	-	-	-	-
Dissolved oxygen (DO), field	µg/L	-	-	-	-	-	-	-
Oxidation reduction potential (ORP), field	millivolts	-	-	-	-	-	-	-
pH, field	s.u.	6.5-8.5	-	-	-	-	-	-
Salinity	%	-	-	-	-	-	-	-
Temperature, field	deg C	-	-	-	-	-	-	-
Turbidity	NTU	5	-	-	-	-	-	-

Notes:

(DT) - Analytical results for total and dissolved metals were originally reversed in the original analytical data package, and have been corrected in this table.

> - Greater than amount reported.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

S - Value determined by the method of standard addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

W - Post-digestion spike out of control limits.

- - Not applicable.

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW2*	*OW2*	*OW2*	*OW2*	*OW2*	*OW2R*
Sample ID:			*OW-2*	*OW-2*	*OW-2*	*OW-2*	*GW-WPW-001*	*GW-34084-011508-RR-006*
Sample Date:			*4/1/1991*	*6/1/1991*	*11/1/1991*	*12/10/1993*	*7/29/1999*	*1/15/2008*
		New York	*Duplicate*					
Parameter	*Units*	*TOGs Table 1*						
Volatiles								
1,1,1-Trichloroethane	µg/L	5	-	-	-	-	ND (10)	ND (10)
1,1,2,2-Tetrachloroethane	µg/L	5	-	-	-	-	ND (10)	ND (10)
1,1,2-Trichloroethane	µg/L	1	-	-	-	-	ND (10)	ND (10)
1,1-Dichloroethane	µg/L	5	-	-	-	-	ND (10)	ND (10)
1,1-Dichloroethene	µg/L	5	-	-	-	-	ND (10)	ND (10)
1,2,4-Trichlorobenzene	µg/L	5	-	-	-	-	-	ND (10)
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	0.04	-	-	-	-	-	ND (10)
1,2-Dibromoethane (Ethylene dibromide)	µg/L	0.0006	-	-	-	-	-	ND (10)
1,2-Dichlorobenzene	µg/L	3	-	-	-	-	-	ND (10)
1,2-Dichloroethane	µg/L	0.6	-	-	-	-	ND (10)	ND (10)
1,2-Dichloroethene (total)	µg/L	-	-	-	-	-	ND (10)	-
1,2-Dichloropropane	µg/L	1	-	-	-	-	ND (10)	ND (10)
1,3-Dichlorobenzene	µg/L	3	-	-	-	-	-	ND (10)
1,4-Dichlorobenzene	µg/L	3	-	-	-	-	-	ND (10)
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	-	-	-	-	-	ND (10)	ND (10) UJ
2-Hexanone	µg/L	-	-	-	-	-	ND (10)	ND (10)
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	-	-	-	-	-	ND (10)	ND (10)
Acetone	µg/L	-	-	-	-	-	ND (10) J	ND (10)
Benzene	µg/L	1	-	-	-	-	ND (10)	ND (10)
Bromodichloromethane	µg/L	-	-	-	-	-	ND (10)	ND (10)
Bromoform	µg/L	-	-	-	-	-	ND (10)	ND (10)
Bromomethane (Methyl bromide)	µg/L	5	-	-	-	-	ND (10)	ND (10)
Carbon disulfide	µg/L	60	-	-	-	-	ND (10)	ND (10)
Carbon tetrachloride	µg/L	5	-	-	-	-	ND (10)	ND (10)
Chlorobenzene	µg/L	5	-	-	-	-	ND (10)	ND (10)
Chloroethane	µg/L	5	-	-	-	-	ND (10)	ND (10)
Chloroform (Trichloromethane)	µg/L	7	-	-	-	-	ND (10)	ND (10)
Chloromethane (Methyl chloride)	µg/L	5	-	-	-	-	ND (10)	ND (10)
cis-1,2-Dichloroethene	µg/L	5	-	-	-	-	-	ND (10)
cis-1,3-Dichloropropene	µg/L	-	-	-	-	-	ND (10)	ND (10)
Cyclohexane	µg/L	-	-	-	-	-	-	ND (10)
Dibromochloromethane	µg/L	-	-	-	-	-	ND (10)	ND (10)
Dichlorodifluoromethane (CFC-12)	µg/L	5	-	-	-	-	-	ND (10)
Ethylbenzene	µg/L	5	-	-	-	-	ND (10)	ND (10)
Isopropyl benzene	µg/L	5	-	-	-	-	-	ND (10)
m&p-Xylenes	µg/L	-	-	-	-	-	-	ND (10)
Methyl acetate	µg/L	-	-	-	-	-	-	ND (10)
Methyl cyclohexane	µg/L	-	-	-	-	-	-	ND (10)
Methyl tert butyl ether (MTBE)	µg/L	-	-	-	-	-	-	ND (10)
Methylene chloride	µg/L	5	-	-	-	-	ND (10)	ND (10)
o-Xylene	µg/L	5	-	-	-	-	-	ND (10)
Styrene	µg/L	5	-	-	-	-	ND (10)	ND (10)
Tetrachloroethene	µg/L	5	-	-	-	-	ND (10)	ND (10)
Toluene	µg/L	5	-	-	-	-	ND (10)	ND (10)
trans-1,2-Dichloroethene	µg/L	5	-	-	-	-	-	ND (10)
trans-1,3-Dichloropropene	µg/L	-	-	-	-	-	ND (10)	ND (10)
Trichloroethene	µg/L	5	-	-	-	-	ND (10)	ND (10)
Trichlorofluoromethane (CFC-11)	µg/L	5	-	-	-	-	-	ND (10)
Trifluorotrichloroethane (Freon 113)	µg/L	5	-	-	-	-	-	ND (10)
Vinyl chloride	µg/L	2	-	-	-	-	ND (10)	ND (10)
Xylenes (total)	µg/L	-	-	-	-	-	ND (10)	-
Semi-Volatiles								
1,2,4-Trichlorobenzene	µg/L	5	-	-	-	-	ND (10)	-
1,2-Dichlorobenzene	µg/L	3	-	-	-	-	ND (10)	-
1,3-Dichlorobenzene	µg/L	3	-	-	-	-	ND (10)	-
1,4-Dichlorobenzene	µg/L	3	-	-	-	-	ND (10)	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	5	-	-	-	-	ND (10)	ND (10)

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW2*	*OW2*	*OW2*	*OW2*	*OW2*	*OW2R*
Sample ID:			*OW-2*	*OW-2*	*OW-2*	*OW-2*	*GW-WPW-001*	*GW-34084-011508-RR-006*
Sample Date:			*4/1/1991*	*6/1/1991*	*11/1/1991*	*12/10/1993*	*7/29/1999*	*1/15/2008*
		New York	*Duplicate*					
Parameter	*Units*	*TOGs Table 1*						
2,4,5-Trichlorophenol	µg/L	-	-	-	-	-	ND (25)	ND (25)
2,4,6-Trichlorophenol	µg/L	-	-	-	-	-	ND (10)	ND (10)
2,4-Dichlorophenol	µg/L	5	-	-	-	-	ND (10)	ND (10)
2,4-Dimethylphenol	µg/L	-	-	-	-	-	ND (10)	ND (10)
2,4-Dinitrophenol	µg/L	-	-	-	-	-	ND (25)	ND (25)
2,4-Dinitrotoluene	µg/L	5	-	-	-	-	ND (10)	ND (10)
2,6-Dinitrotoluene	µg/L	5	-	-	-	-	ND (10)	ND (10)
2-Chloronaphthalene	µg/L	-	-	-	-	-	ND (10)	ND (10)
2-Chlorophenol	µg/L	-	-	-	-	-	ND (10)	ND (10)
2-Methylnaphthalene	µg/L	-	-	-	-	-	ND (10)	ND (10)
2-Methylphenol	µg/L	-	-	-	-	-	ND (10)	ND (10)
2-Nitroaniline	µg/L	5	-	-	-	-	ND (25)	ND (25)
2-Nitrophenol	µg/L	-	-	-	-	-	ND (10)	ND (10)
3,3'-Dichlorobenzidine	µg/L	5	-	-	-	-	ND (10)	ND (10)
3-Nitroaniline	µg/L	5	-	-	-	-	ND (25)	ND (25)
4,6-Dinitro-2-methylphenol	µg/L	-	-	-	-	-	ND (25)	ND (25)
4-Bromophenyl phenyl ether	µg/L	-	-	-	-	-	ND (10)	ND (10)
4-Chloro-3-methylphenol	µg/L	-	-	-	-	-	ND (10)	ND (10)
4-Chloroaniline	µg/L	5	-	-	-	-	ND (10)	ND (10)
4-Chlorophenyl phenyl ether	µg/L	-	-	-	-	-	ND (10)	ND (10)
4-Methylphenol	µg/L	-	-	-	-	-	ND (10)	ND (10)
4-Nitroaniline	µg/L	5	-	-	-	-	ND (25)	ND (25)
4-Nitrophenol	µg/L	-	-	-	-	-	ND (25)	ND (25)
Acenaphthene	µg/L	-	-	-	-	-	ND (10)	ND (10)
Acenaphthylene	µg/L	-	-	-	-	-	ND (10)	ND (10)
Acetophenone	µg/L	-	-	-	-	-	-	ND (10)
Anthracene	µg/L	-	-	-	-	-	ND (10)	ND (10)
Atrazine	µg/L	7.5	-	-	-	-	-	ND (10) UJ
Benzaldehyde	µg/L	-	-	-	-	-	-	ND (10) UJ
Benzo(a)anthracene	µg/L	-	-	-	-	-	ND (10)	ND (10)
Benzo(a)pyrene	µg/L	-	-	-	-	-	ND (10)	ND (10)
Benzo(b)fluoranthene	µg/L	-	-	-	-	-	ND (10)	ND (10)
Benzo(g,h,i)perylene	µg/L	-	-	-	-	-	ND (10)	ND (10)
Benzo(k)fluoranthene	µg/L	-	-	-	-	-	ND (10)	ND (10) UJ
Biphenyl (1,1-Biphenyl)	µg/L	5	-	-	-	-	-	ND (10)
bis(2-Chloroethoxy)methane	µg/L	5	-	-	-	-	ND (10)	ND (10)
bis(2-Chloroethyl)ether	µg/L	1	-	-	-	-	ND (10)	ND (10)
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	5	-	-	-	-	ND (10)	ND (10)
Butyl benzylphthalate (BBP)	µg/L	-	-	-	-	-	ND (10)	ND (10)
Caprolactam	µg/L	-	-	-	-	-	-	ND (10)
Carbazole	µg/L	-	-	-	-	-	ND (10)	ND (10)
Chrysene	µg/L	-	-	-	-	-	ND (10)	ND (10)
Dibenz(a,h)anthracene	µg/L	-	-	-	-	-	ND (10)	ND (10)
Dibenz(a,j)acridine	µg/L	-	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/L	-	-	-	-	-	-	-
Dibenzofuran	µg/L	-	-	-	-	-	ND (10)	ND (10)
Diethyl phthalate	µg/L	-	-	-	-	-	ND (10)	ND (10)
Dimethyl phthalate	µg/L	-	-	-	-	-	ND (10)	ND (10)
Di-n-butylphthalate (DBP)	µg/L	50	-	-	-	-	ND (10)	ND (10)
Di-n-octyl phthalate (DnOP)	µg/L	-	-	-	-	-	ND (10)	ND (10)
Fluoranthene	µg/L	-	-	-	-	-	ND (10)	ND (10)
Fluorene	µg/L	-	-	-	-	-	ND (10)	ND (10)
Hexachlorobenzene	µg/L	0.04	-	-	-	-	ND (10)	ND (10)
Hexachlorobutadiene	µg/L	0.5	-	-	-	-	ND (10)	ND (10)
Hexachlorocyclopentadiene	µg/L	5	-	-	-	-	ND (10)	ND (10)
Hexachloroethane	µg/L	5	-	-	-	-	ND (10)	ND (10) UJ
Indeno(1,2,3-cd)pyrene	µg/L	-	-	-	-	-	ND (10)	ND (10)
Isophorone	µg/L	-	-	-	-	-	ND (10)	ND (10) UJ
Naphthalene	µg/L	-	-	-	-	-	ND (10)	ND (10)

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW2*	*OW2*	*OW2*	*OW2*	*OW2*	*OW2R*
Sample ID:			*OW-2*	*OW-2*	*OW-2*	*OW-2*	*GW-WPW-001*	*GW-34084-011508-RR-006*
Sample Date:			*4/1/1991*	*6/1/1991*	*11/1/1991*	*12/10/1993*	*7/29/1999*	*1/15/2008*
Parameter	*Units*	*New York TOGs Table 1*	*Duplicate*					
Nitrobenzene	µg/L	0.4	-	-	-	-	ND (10)	ND (10)
N-Nitrosodi-n-propylamine	µg/L	-	-	-	-	-	ND (10)	ND (10)
N-Nitrosodiphenylamine	µg/L	-	-	-	-	-	ND (10)	ND (10)
Pentachlorophenol	µg/L	1	-	-	-	-	ND (25)	ND (25)
Phenanthrene	µg/L	-	-	-	-	-	ND (10)	ND (10)
Phenol	µg/L	1	-	-	-	-	ND (10)	ND (10)
Pyrene	µg/L	-	-	-	-	-	ND (10)	ND (10)
Metals								
Aluminum	µg/L	-	-	-	-	14900/825000	2670	386
Aluminum (dissolved)	µg/L	-	-	-	-	ND (23.2)/ND (23.2)	66.1	ND (27.9) U
Antimony	µg/L	3	-	-	-	**ND (57.7)/146**	ND (7.2)	**3.9**
Antimony (dissolved)	µg/L	3	-	-	-	ND (57.7)/R	ND (7.2)	3.0
Arsenic	µg/L	25	-	-	-	**5.3 B/216**	2.5	12.7
Arsenic (dissolved)	µg/L	25	-	-	-	1.2 B/ND (1)	ND (2.0)	4.7
Barium	µg/L	1000	-	-	-	**123 B/4220**	178	31.1
Barium (dissolved)	µg/L	1000	-	-	-	48.3 B/43.5 B	37.4	29.8
Beryllium	µg/L	-	-	-	-	39.4/ND (0.6)	ND (1.0)	ND (0.18)
Beryllium (dissolved)	µg/L	-	-	-	-	ND (0.6)/ND (0.6)	ND (0.28)	ND (0.18)
Cadmium	µg/L	5	**14.4**	**6/9.4**	**9.6**	**4.5 B/75.3**	**22.8**	1.9
Cadmium (dissolved)	µg/L	5	-	**8.9/7.9**	**9.7**	1.8 B/4.21 B	**12.0**	1.6
Calcium	µg/L	-	-	-	-	124000/33100	25900	74000
Calcium (dissolved)	µg/L	-	-	-	-	37500/36600	24900	75000
Chromium	µg/L	50	-	-	-	**1410/35**	20.2	ND (2.5) U
Chromium Total (dissolved)	µg/L	50	-	-	-	ND (1.5)/ND (1.5)	1.9	ND (1.2) U
Chromium VI (hexavalent)	µg/L	50	-	-	-	ND (0.05)/ND (0.05)	-	-
Chromium VI (hexavalent) (dissolved)	µg/L	50	-	-	-	ND (0.05)/ND (0.05)	-	-
Cobalt	µg/L	-	-	-	-	951/29.2 B	34.0	37.6
Cobalt (dissolved)	µg/L	-	-	-	-	ND (5.5)/ND (5.5)	2.1	37.0
Copper	µg/L	200	-	-	-	**3430/135**	**1370**	**221**
Copper (dissolved)	µg/L	200	-	-	-	13.4 B/ND (10.8)	38.6	173
Iron	µg/L	300	-	-	-	**1010000/16700**	**2350**	**579**
Iron (dissolved)	µg/L	300	-	-	-	ND (45.5)/57.1 B	34.7	ND (24.2)
Lead	µg/L	25	ND (2)	2/2.8	2.2	**450/10.7**	8.9	10.2
Lead (dissolved)	µg/L	25	ND (2)	ND (2)/ND (2)	ND (2)	ND (1)/ND (1)	ND (1.0)	ND (1.4)
Magnesium	µg/L	-	-	-	-	148000/8150	5210	13900
Magnesium (dissolved)	µg/L	-	-	-	-	6670/6560	4510	14200
Manganese	µg/L	300	-	-	-	**462/22800**	**454**	125
Manganese (dissolved)	µg/L	300	-	-	-	15.4/ND (6.4)	12.1	123
Mercury	µg/L	0.7	-	-	-	**ND (0.1)/0.85**	ND (0.10)	ND (0.10)
Mercury (dissolved)	µg/L	0.7	-	-	-	ND (0.1)/ND (0.1)	ND (0.10)	ND (0.10)
Nickel	µg/L	100	-	-	-	**1500/62**	**134**	37.0
Nickel (dissolved)	µg/L	100	-	-	-	18.3 B/26.1 B	30.9	38.2
Potassium	µg/L	-	-	-	-	80500/7920	3390 J	7080 J
Potassium (dissolved)	µg/L	-	-	-	-	5940/5570	3410 J	7190
Selenium	µg/L	10	-	-	-	**39.4 B/43.2**	**30.9**	**83.4**
Selenium (dissolved)	µg/L	10	-	-	-	**44.4/38.8**	**36.5**	**84.2 J**
Silver	µg/L	50	-	-	-	ND (3.9)/ND (3.9)	ND (1.0)	0.43
Silver (dissolved)	µg/L	50	-	-	-	ND (3.9)/ND (5.3)	ND (0.60)	ND (0.41)
Sodium	µg/L	20000	-	-	-	**53800/46600**	19100	18100
Sodium (dissolved)	µg/L	20000	-	-	-	**51100/47300**	19700	18000
Thallium	µg/L	-	-	-	-	1 B/ND (1)	ND (2.2)	ND (2.3)
Thallium (dissolved)	µg/L	-	-	-	-	ND (1)/ND (1)	ND (2.2)	ND (2.3)
Vanadium	µg/L	-	-	-	-	29.8 B/1740	7.4	1.1
Vanadium (dissolved)	µg/L	-	-	-	-	ND (16.3)/ND (16.3)	ND (1.1)	ND (0.89)
Zinc	µg/L	-	-	-	-	31800/2550	10400	1410
Zinc (dissolved)	µg/L	-	-	-	-	781/1740	3080	1380

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW2*	*OW2*	*OW2*	*OW2*	*OW2*	*OW2R*
Sample ID:			*OW-2*	*OW-2*	*OW-2*	*OW-2*	*GW-WPW-001*	*GW-34084-011508-RR-006*
Sample Date:			*4/1/1991*	*6/1/1991*	*11/1/1991*	*12/10/1993*	*7/29/1999*	*1/15/2008*
		New York	*Duplicate*					
Parameter	*Units*	*TOGs Table 1*						
PCBs								
Aroclor-1016 (PCB-1016)	µg/L	-	-	-	-	-	ND (1.0)	ND (1.0)
Aroclor-1221 (PCB-1221)	µg/L	-	-	-	-	-	ND (2.0)	ND (2.0)
Aroclor-1232 (PCB-1232)	µg/L	-	-	-	-	-	ND (1.0)	ND (1.0)
Aroclor-1242 (PCB-1242)	µg/L	-	-	-	-	-	ND (1.0)	ND (1.0)
Aroclor-1248 (PCB-1248)	µg/L	-	-	-	-	-	ND (1.0)	ND (1.0)
Aroclor-1254 (PCB-1254)	µg/L	-	-	-	-	-	ND (1.0)	ND (1.0)
Aroclor-1260 (PCB-1260)	µg/L	-	-	-	-	-	ND (1.0)	ND (1.0)
Total PCBs	µg/L	-	-	-	-	-	ND	ND
Pesticides								
4,4'-DDD	µg/L	0.3	-	-	-	-	ND (0.10)	-
4,4'-DDE	µg/L	0.2	-	-	-	-	ND (0.10)	-
4,4'-DDT	µg/L	0.2	-	-	-	-	ND (0.10)	-
Aldrin	µg/L	-	-	-	-	-	ND (0.050)	-
alpha-BHC	µg/L	0.01	-	-	-	-	ND (0.050)	-
alpha-Chlordane	µg/L	-	-	-	-	-	ND (0.050)	-
beta-BHC	µg/L	0.04	-	-	-	-	ND (0.050)	-
delta-BHC	µg/L	0.04	-	-	-	-	ND (0.050)	-
Dieldrin	µg/L	0.004	-	-	-	-	ND (0.10)	-
Endosulfan I	µg/L	-	-	-	-	-	ND (0.050)	-
Endosulfan II	µg/L	-	-	-	-	-	ND (0.10)	-
Endosulfan sulfate	µg/L	-	-	-	-	-	ND (0.10)	-
Endrin	µg/L	-	-	-	-	-	ND (0.10)	-
Endrin aldehyde	µg/L	5	-	-	-	-	ND (0.10)	-
Endrin ketone	µg/L	5	-	-	-	-	ND (0.10)	-
gamma-BHC (lindane)	µg/L	0.05	-	-	-	-	ND (0.050)	-
gamma-Chlordane	µg/L	-	-	-	-	-	ND (0.050)	-
Heptachlor	µg/L	0.04	-	-	-	-	ND (0.050)	-
Heptachlor epoxide	µg/L	0.03	-	-	-	-	ND (0.050)	-
Methoxychlor	µg/L	35	-	-	-	-	ND (0.50)	-
Toxaphene	µg/L	0.06	-	-	-	-	ND (5.0)	-
General Chemistry								
Alkalinity, total (as CaCO3)	µg/L	-	-	-	-	-	-	-
Ammonia-N	µg/L	-	-	-	-	-	-	-
Biochemical oxygen demand (BOD)	µg/L	-	-	-	-	-	-	-
Biochemical oxygen demand (carbonaceous)	µg/L	-	-	-	-	-	-	-
Calcium carbonate	µg/L	-	-	-	-	-	-	-
Chemical oxygen demand (COD)	µg/L	-	-	-	-	-	-	-
Chloride	µg/L	250000	-	-	-	14.2/10.7	-	7900
Conductivity	µmhos/cm	-	-	-	-	320/300	-	-
Cyanide (amenable)	µg/L	-	-	-	-	-	-	-
Cyanide (dissolved)	µg/L	-	-	-	-	-	ND (10.0)	-
Cyanide (total)	µg/L	200	-	-	-	ND (0.9)/ND (0.9)	ND (10.0)	-
Ignitability	deg C	-	-	-	-	-	-	-
Nitrate (as N)	µg/L	10000	-	-	-	-	-	-
Nitrite (as N)	µg/L	1000	-	-	-	-	-	-
Nitrite/Nitrate	µg/L	10000	-	-	-	-	-	-
Nitrogen	µg/L	-	-	-	-	-	-	-
pH	s.u.	6.5-8.5	-	-	-	7.15/6.88	-	-
pH (water)	s.u.	6.5-8.5	-	-	-	-	-	-
pH corrosivity	s.u.	-	-	-	-	6.67/7.11	-	-
Reactive cyanide	µg/L	-	-	-	-	ND (0.05)/ND (0.05)	-	-
Reactive sulfide	µg/L	-	-	-	-	ND (1)/1.2	-	-
Sulfate	µg/L	250000	-	-	-	-	-	-
Sulfide	µg/L	-	-	-	-	-	-	-
Total dissolved solids (TDS)	µg/L	500000	-	-	-	307/349	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW2*	*OW2*	*OW2*	*OW2*	*OW2*	*OW2R*
Sample ID:			*OW-2*	*OW-2*	*OW-2*	*OW-2*	*GW-WPW-001*	*GW-34084-011508-RR-006*
Sample Date:			*4/1/1991*	*6/1/1991*	*11/1/1991*	*12/10/1993*	*7/29/1999*	*1/15/2008*
		New York	*Duplicate*					
Parameter	*Units*	*TOGs Table 1*						
Total kjeldahl nitrogen (TKN)	µg/L	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/L	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/L	-	-	-	-	ND (0.102)/ND (0.1)	-	-
Total Petroleum Hydrocarbons - Non-Polar Material - SGT HEM	µg/L	-	-	-	-	-	-	-
Total solids	µg/L	-	-	-	-	-	-	-
Total suspended solids (TSS)	µg/L	-	-	-	-	-	-	-
Field Parameters								
Conductivity, field	mS/cm	-	-	-	-	-	-	-
Dissolved oxygen (DO), field	µg/L	-	-	-	-	-	-	-
Oxidation reduction potential (ORP), field	millivolts	-	-	-	-	-	-	-
pH, field	s.u.	6.5-8.5	-	-	-	-	-	-
Salinity	%	-	-	-	-	-	-	-
Temperature, field	deg C	-	-	-	-	14.5/13	-	-
Turbidity	NTU	5	-	-	-	-	-	-

Notes:

(DT) - Analytical results for total and dissolved metals were originally reversed in the original analytical data package, and have been corrected in this table.

> - Greater than amount reported.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

S - Value determined by the method of standard addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

W - Post-digestion spike out of control limits.

- - Not applicable.

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW2R*	*OW2R*	*OW2R*	*OW2R*
Sample ID:			*GW-072308-RR-006*	*GW-34084-011309-RR-011*	*GW-34084-011309-RR-012*	*GW-34084-071709-SD-007*
Sample Date:			*7/23/2008*	*1/13/2009*	*1/13/2009*	*7/17/2009*
		New York			*Duplicate*	
Parameter	*Units*	*TOGs Table 1*				
Volatiles						
1,1,1-Trichloroethane	µg/L	5	ND (10) UJ	ND (10)	ND (10)	ND (10)
1,1,2,2-Tetrachloroethane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
1,1,2-Trichloroethane	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)
1,1-Dichloroethane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
1,1-Dichloroethene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
1,2,4-Trichlorobenzene	µg/L	5	ND (10) UJ	ND (10) UJ	ND (10) UJ	ND (10) UJ
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	0.04	ND (10) UJ	ND (10) UJ	ND (10) UJ	ND (10)
1,2-Dibromoethane (Ethylene dibromide)	µg/L	0.0006	ND (10)	ND (10)	ND (10)	ND (10)
1,2-Dichlorobenzene	µg/L	3	ND (10)	ND (10) UJ	ND (10) UJ	ND (10)
1,2-Dichloroethane	µg/L	0.6	ND (10) UJ	ND (10)	ND (10)	ND (10)
1,2-Dichloroethene (total)	µg/L	-	-	-	-	-
1,2-Dichloropropane	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)
1,3-Dichlorobenzene	µg/L	3	ND (10)	ND (10) UJ	ND (10) UJ	ND (10)
1,4-Dichlorobenzene	µg/L	3	ND (10)	ND (10) UJ	ND (10) UJ	ND (10)
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2-Hexanone	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10) UJ
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Acetone	µg/L	-	ND (10)	ND (10) U	ND (10)	ND (10) U
Benzene	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)
Bromodichloromethane	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Bromoform	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Bromomethane (Methyl bromide)	µg/L	5	ND (10)	ND (10) UJ	ND (10) UJ	ND (10)
Carbon disulfide	µg/L	60	ND (10) UJ	ND (10)	ND (10)	ND (10)
Carbon tetrachloride	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Chlorobenzene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Chloroethane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Chloroform (Trichloromethane)	µg/L	7	ND (10)	ND (10)	ND (10)	ND (10)
Chloromethane (Methyl chloride)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
cis-1,2-Dichloroethene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
cis-1,3-Dichloropropene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Cyclohexane	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Dibromochloromethane	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Dichlorodifluoromethane (CFC-12)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Ethylbenzene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Isopropyl benzene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
m&p-Xylenes	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Methyl acetate	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Methyl cyclohexane	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Methyl tert butyl ether (MTBE)	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Methylene chloride	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
o-Xylene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Styrene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Tetrachloroethene	µg/L	5	ND (10) UJ	ND (10)	ND (10)	ND (10)
Toluene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
trans-1,2-Dichloroethene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
trans-1,3-Dichloropropene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Trichloroethene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Trichlorofluoromethane (CFC-11)	µg/L	5	ND (10) UJ	ND (10)	ND (10)	ND (10)
Trifluorotrichloroethane (Freon 113)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Vinyl chloride	µg/L	2	ND (10)	ND (10)	ND (10)	ND (10)
Xylenes (total)	µg/L	-	-	-	-	-
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg/L	5	-	-	-	-
1,2-Dichlorobenzene	µg/L	3	-	-	-	-
1,3-Dichlorobenzene	µg/L	3	-	-	-	-
1,4-Dichlorobenzene	µg/L	3	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW2R*	*OW2R*	*OW2R*	*OW2R*
Sample ID:			*GW-072308-RR-006*	*GW-34084-011309-RR-011*	*GW-34084-011309-RR-012*	*GW-34084-071709-SD-007*
Sample Date:			*7/23/2008*	*1/13/2009*	*1/13/2009*	*7/17/2009*
		New York			*Duplicate*	
Parameter	*Units*	*TOGs Table 1*				
2,4,5-Trichlorophenol	µg/L	-	ND (25)	ND (25)	ND (25)	ND (25)
2,4,6-Trichlorophenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2,4-Dichlorophenol	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
2,4-Dimethylphenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2,4-Dinitrophenol	µg/L	-	ND (25)	ND (25)	ND (25)	ND (25)
2,4-Dinitrotoluene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
2,6-Dinitrotoluene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
2-Chloronaphthalene	µg/L	-	ND (10)	ND (10) UJ	ND (10) UJ	ND (10)
2-Chlorophenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2-Methylnaphthalene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2-Methylphenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2-Nitroaniline	µg/L	5	ND (25)	ND (25)	ND (25)	ND (25)
2-Nitrophenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
3,3'-Dichlorobenzidine	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
3-Nitroaniline	µg/L	5	ND (25)	ND (25)	ND (25)	ND (25)
4,6-Dinitro-2-methylphenol	µg/L	-	ND (25)	ND (25)	ND (25)	ND (25)
4-Bromophenyl phenyl ether	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
4-Chloro-3-methylphenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
4-Chloroaniline	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
4-Chlorophenyl phenyl ether	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
4-Methylphenol	µg/L	-	ND (10) UJ	ND (10) UJ	ND (10) UJ	ND (10)
4-Nitroaniline	µg/L	5	ND (25)	ND (25)	ND (25)	ND (25)
4-Nitrophenol	µg/L	-	ND (25)	ND (25)	ND (25)	ND (25)
Acenaphthene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Acenaphthylene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Acetophenone	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Anthracene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Atrazine	µg/L	7.5	ND (10)	ND (10)	ND (10)	ND (10)
Benzaldehyde	µg/L	-	ND (10) UJ	ND (10) UJ	ND (10) UJ	ND (10)
Benzo(a)anthracene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Benzo(a)pyrene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Benzo(b)fluoranthene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Benzo(g,h,i)perylene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Benzo(k)fluoranthene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Biphenyl (1,1-Biphenyl)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
bis(2-Chloroethoxy)methane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
bis(2-Chloroethyl)ether	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Butyl benzylphthalate (BBP)	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Caprolactam	µg/L	-	ND (10)	ND (10) UJ	ND (10) UJ	ND (10) UJ
Carbazole	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Chrysene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Dibenz(a,h)anthracene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Dibenz(a,j)acridine	µg/L	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/L	-	-	-	-	-
Dibenzofuran	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Diethyl phthalate	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Dimethyl phthalate	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Di-n-butylphthalate (DBP)	µg/L	50	ND (10)	ND (10)	ND (10)	ND (10)
Di-n-octyl phthalate (DnOP)	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Fluoranthene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Fluorene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Hexachlorobenzene	µg/L	0.04	ND (10)	ND (10)	ND (10)	ND (10)
Hexachlorobutadiene	µg/L	0.5	ND (10)	ND (10)	ND (10)	ND (10)
Hexachlorocyclopentadiene	µg/L	5	ND (10) UJ	ND (10)	ND (10)	ND (10)
Hexachloroethane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Indeno(1,2,3-cd)pyrene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Isophorone	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Naphthalene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW2R*	*OW2R*	*OW2R*	*OW2R*
Sample ID:			*GW-072308-RR-006*	*GW-34084-011309-RR-011*	*GW-34084-011309-RR-012*	*GW-34084-071709-SD-007*
Sample Date:			*7/23/2008*	*1/13/2009*	*1/13/2009*	*7/17/2009*
		New York			*Duplicate*	
Parameter	*Units*	*TOGs Table 1*				
Nitrobenzene	µg/L	0.4	ND (10)	ND (10)	ND (10)	ND (10)
N-Nitrosodi-n-propylamine	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
N-Nitrosodiphenylamine	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Pentachlorophenol	µg/L	1	ND (25)	ND (25)	ND (25)	ND (25)
Phenanthrene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Phenol	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)
Pyrene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Metals						
Aluminum	µg/L	-	12900	ND (112) U	ND (164) U	651
Aluminum (dissolved)	µg/L	-	ND (7.5)	ND (8.7)	ND (8.7)	43.0 J
Antimony	µg/L	3	**24.8**	ND (3.2) U	ND (2.7) U	ND (2.5)
Antimony (dissolved)	µg/L	3	ND (4.4)	2.4	ND (2.3)	ND (2.5) UJ
Arsenic	µg/L	25	**266**	5.5	6.6	ND (11.3) U
Arsenic (dissolved)	µg/L	25	5.7	5.4	4.6	ND (4.6) UJ
Barium	µg/L	1000	111	33.3	34.6	37.8
Barium (dissolved)	µg/L	1000	35.2	32.3	31.7	34.7 J
Beryllium	µg/L	-	0.36	ND (0.096)	ND (0.10) U	ND (0.13)
Beryllium (dissolved)	µg/L	-	ND (0.10)	ND (0.096)	ND (0.096)	ND (0.13) UJ
Cadmium	µg/L	5	2.8	1.5	1.4	1.4
Cadmium (dissolved)	µg/L	5	1.5	1.4	1.2	1.4 J
Calcium	µg/L	-	67300	64600	65000	64700
Calcium (dissolved)	µg/L	-	66600	64000	64000	63800 J
Chromium	µg/L	50	29.3	ND (1.9) U	ND (2.0) U	ND (4.1) U
Chromium Total (dissolved)	µg/L	50	1.1	1.1	1.5	ND (2.1) UJ
Chromium VI (hexavalent)	µg/L	50	-	-	-	-
Chromium VI (hexavalent) (dissolved)	µg/L	50	-	-	-	-
Cobalt	µg/L	-	32.8	5.0	5.2	3.4
Cobalt (dissolved)	µg/L	-	7.8	4.7	4.7	2.1 J
Copper	µg/L	200	**1770**	134	141	154
Copper (dissolved)	µg/L	200	157	115	116	112 J
Iron	µg/L	300	**19000**	ND (186) U	229	**967**
Iron (dissolved)	µg/L	300	ND (12.7) U	ND (16.0) U	ND (21.9) U	42.1 J
Lead	µg/L	25	**358**	ND (5.3) U	ND (5.9) U	23.1
Lead (dissolved)	µg/L	25	ND (2.3)	ND (1.3)	ND (1.3)	14.1 J
Magnesium	µg/L	-	24800	19800	20100	19200
Magnesium (dissolved)	µg/L	-	21500	19600	19400	19100 J
Manganese	µg/L	300	**364**	56.6	57.5	89.9
Manganese (dissolved)	µg/L	300	167	52.8	55.4	70.6 J
Mercury	µg/L	0.7	**1.8**	ND (0.10)	ND (0.10)	0.14
Mercury (dissolved)	µg/L	0.7	ND (0.13)	ND (0.10)	ND (0.10)	ND (0.10) UJ
Nickel	µg/L	100	65.5	29.8	30.9	32.6
Nickel (dissolved)	µg/L	100	31.3	28.4	28.0	31.5 J
Potassium	µg/L	-	12000 J	9360 J	9640 J	10500
Potassium (dissolved)	µg/L	-	9600 J	9530 J	9350 J	10500 J
Selenium	µg/L	10	**148**	**149**	**152**	**169 J**
Selenium (dissolved)	µg/L	10	**146**	**155**	**153**	**172 J**
Silver	µg/L	50	4.3	ND (0.54)	ND (0.54)	ND (0.33)
Silver (dissolved)	µg/L	50	ND (0.89)	ND (0.54)	ND (0.54)	ND (0.33) UJ
Sodium	µg/L	20000	14400	13600	13600	13600
Sodium (dissolved)	µg/L	20000	14000	13600	13100	14600 J
Thallium	µg/L	-	ND (2.5)	ND (1.9)	ND (1.9)	ND (3.9)
Thallium (dissolved)	µg/L	-	ND (2.5)	ND (1.9)	ND (1.9)	ND (3.9) UJ
Vanadium	µg/L	-	29.8	ND (0.74)	ND (0.74)	2.1
Vanadium (dissolved)	µg/L	-	ND (2.2)	ND (0.74)	ND (0.74)	ND (0.77) UJ
Zinc	µg/L	-	1490	1050	1090	1140
Zinc (dissolved)	µg/L	-	874	1040	987	1120 J

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW2R*	*OW2R*	*OW2R*	*OW2R*
Sample ID:			*GW-072308-RR-006*	*GW-34084-011309-RR-011*	*GW-34084-011309-RR-012*	*GW-34084-071709-SD-007*
Sample Date:			*7/23/2008*	*1/13/2009*	*1/13/2009*	*7/17/2009*
		New York			*Duplicate*	
Parameter	*Units*	*TOGs Table 1*				
PCBs						
Aroclor-1016 (PCB-1016)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Aroclor-1221 (PCB-1221)	µg/L	-	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Aroclor-1232 (PCB-1232)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Aroclor-1242 (PCB-1242)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Aroclor-1248 (PCB-1248)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Aroclor-1254 (PCB-1254)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Aroclor-1260 (PCB-1260)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Total PCBs	µg/L	-	ND	ND	ND	ND
Pesticides						
4,4'-DDD	µg/L	0.3	-	-	-	-
4,4'-DDE	µg/L	0.2	-	-	-	-
4,4'-DDT	µg/L	0.2	-	-	-	-
Aldrin	µg/L	-	-	-	-	-
alpha-BHC	µg/L	0.01	-	-	-	-
alpha-Chlordane	µg/L	-	-	-	-	-
beta-BHC	µg/L	0.04	-	-	-	-
delta-BHC	µg/L	0.04	-	-	-	-
Dieldrin	µg/L	0.004	-	-	-	-
Endosulfan I	µg/L	-	-	-	-	-
Endosulfan II	µg/L	-	-	-	-	-
Endosulfan sulfate	µg/L	-	-	-	-	-
Endrin	µg/L	-	-	-	-	-
Endrin aldehyde	µg/L	5	-	-	-	-
Endrin ketone	µg/L	5	-	-	-	-
gamma-BHC (lindane)	µg/L	0.05	-	-	-	-
gamma-Chlordane	µg/L	-	-	-	-	-
Heptachlor	µg/L	0.04	-	-	-	-
Heptachlor epoxide	µg/L	0.03	-	-	-	-
Methoxychlor	µg/L	35	-	-	-	-
Toxaphene	µg/L	0.06	-	-	-	-
General Chemistry						
Alkalinity, total (as CaCO3)	µg/L	-	-	-	-	-
Ammonia-N	µg/L	-	-	-	-	-
Biochemical oxygen demand (BOD)	µg/L	-	-	-	-	-
Biochemical oxygen demand (carbonaceous)	µg/L	-	-	-	-	-
Calcium carbonate	µg/L	-	-	-	-	-
Chemical oxygen demand (COD)	µg/L	-	-	-	-	-
Chloride	µg/L	250000	10000	10800	10600	20600
Conductivity	µmhos/cm	-	-	-	-	-
Cyanide (amenable)	µg/L	-	-	-	-	-
Cyanide (dissolved)	µg/L	-	-	-	-	-
Cyanide (total)	µg/L	200	-	-	-	-
Ignitability	deg C	-	-	-	-	-
Nitrate (as N)	µg/L	10000	-	-	-	-
Nitrite (as N)	µg/L	1000	-	-	-	-
Nitrite/Nitrate	µg/L	10000	-	-	-	-
Nitrogen	µg/L	-	-	-	-	-
pH	s.u.	6.5-8.5	-	-	-	-
pH (water)	s.u.	6.5-8.5	-	-	-	-
pH corrosivity	s.u.	-	-	-	-	-
Reactive cyanide	µg/L	-	-	-	-	-
Reactive sulfide	µg/L	-	-	-	-	-
Sulfate	µg/L	250000	-	-	-	-
Sulfide	µg/L	-	-	-	-	-
Total dissolved solids (TDS)	µg/L	500000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW2R*	*OW2R*	*OW2R*	*OW2R*
Sample ID:			*GW-072308-RR-006*	*GW-34084-011309-RR-011*	*GW-34084-011309-RR-012*	*GW-34084-071709-SD-007*
Sample Date:			*7/23/2008*	*1/13/2009*	*1/13/2009*	*7/17/2009*
		New York			*Duplicate*	
Parameter	*Units*	*TOGs Table 1*				
Total kjeldahl nitrogen (TKN)	µg/L	-	-	-	-	-
Total organic carbon (TOC)	µg/L	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/L	-	-	-	-	-
Total Petroleum Hydrocarbons - Non-Polar Material - SGT HEM	µg/L	-	-	-	-	-
Total solids	µg/L	-	-	-	-	-
Total suspended solids (TSS)	µg/L	-	-	-	-	-
Field Parameters						
Conductivity, field	mS/cm	-	-	-	-	-
Dissolved oxygen (DO), field	µg/L	-	-	-	-	-
Oxidation reduction potential (ORP), field	millivolts	-	-	-	-	-
pH, field	s.u.	6.5-8.5	-	-	-	-
Salinity	%	-	-	-	-	-
Temperature, field	deg C	-	-	-	-	-
Turbidity	NTU	5	-	-	-	-

Notes:

(DT) - Analytical results for total and dissolved metals were originally reversed in the original analytical data package, and have been corrected in this table.

> - Greater than amount reported.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

S - Value determined by the method of standard addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

W - Post-digestion spike out of control limits.

- - Not applicable.

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW2R*	*OW2R*	*OW2R*	*OW2R*
Sample ID:			*GW-34084-012510-RR-037*	*GW-34084-071910-RR-007*	*GW-34084-011911-RR-006*	*GW-34084-070711-RR-007*
Sample Date:			*1/25/2010*	*7/19/2010*	*1/19/2011*	*7/7/2011*
Parameter	*Units*	*New York TOGs Table 1*				
Volatiles						
1,1,1-Trichloroethane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
1,1,2,2-Tetrachloroethane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
1,1,2-Trichloroethane	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)
1,1-Dichloroethane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
1,1-Dichloroethene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
1,2,4-Trichlorobenzene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10) UJ
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	0.04	ND (10) UJ	ND (10)	ND (10)	ND (10)
1,2-Dibromoethane (Ethylene dibromide)	µg/L	0.0006	ND (10)	ND (10)	ND (10)	ND (10)
1,2-Dichlorobenzene	µg/L	3	ND (10)	ND (10)	ND (10)	ND (10)
1,2-Dichloroethane	µg/L	0.6	ND (10)	ND (10)	ND (10)	ND (10)
1,2-Dichloroethene (total)	µg/L	-	-	-	-	-
1,2-Dichloropropane	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)
1,3-Dichlorobenzene	µg/L	3	ND (10)	ND (10)	ND (10)	ND (10)
1,4-Dichlorobenzene	µg/L	3	ND (10)	ND (10)	ND (10)	ND (10)
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	-	ND (10)	ND (10)	ND (10) UJ	ND (10)
2-Hexanone	µg/L	-	ND (10)	ND (10)	ND (10) UJ	ND (10)
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	-	ND (10)	ND (10)	ND (10) UJ	ND (10)
Acetone	µg/L	-	ND (10)	ND (10) U	ND (10) UJ	ND (10)
Benzene	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)
Bromodichloromethane	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Bromoform	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Bromomethane (Methyl bromide)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Carbon disulfide	µg/L	60	ND (10)	ND (10)	ND (10)	ND (10)
Carbon tetrachloride	µg/L	5	ND (10) UJ	ND (10) UJ	ND (10)	ND (10)
Chlorobenzene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Chloroethane	µg/L	5	ND (10)	ND (10) UJ	ND (10)	ND (10)
Chloroform (Trichloromethane)	µg/L	7	ND (10)	ND (10)	ND (10)	ND (10)
Chloromethane (Methyl chloride)	µg/L	5	ND (10)	ND (10) UJ	ND (10)	ND (10) UJ
cis-1,2-Dichloroethene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
cis-1,3-Dichloropropene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Cyclohexane	µg/L	-	ND (10) UJ	ND (10)	ND (10)	ND (10)
Dibromochloromethane	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Dichlorodifluoromethane (CFC-12)	µg/L	5	ND (10)	ND (10)	ND (10) UJ	ND (10) UJ
Ethylbenzene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Isopropyl benzene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
m&p-Xylenes	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Methyl acetate	µg/L	-	ND (10)	ND (10) UJ	ND (10)	ND (10)
Methyl cyclohexane	µg/L	-	ND (10) UJ	ND (10) UJ	ND (10)	ND (10)
Methyl tert butyl ether (MTBE)	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Methylene chloride	µg/L	5	ND (10) UJ	ND (10) UJ	ND (10)	ND (10)
o-Xylene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Styrene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Tetrachloroethene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Toluene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
trans-1,2-Dichloroethene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
trans-1,3-Dichloropropene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Trichloroethene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Trichlorofluoromethane (CFC-11)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Trifluorotrichloroethane (Freon 113)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Vinyl chloride	µg/L	2	ND (10)	ND (10)	ND (10)	ND (10)
Xylenes (total)	µg/L	-	-	-	-	-
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg/L	5	-	-	-	-
1,2-Dichlorobenzene	µg/L	3	-	-	-	-
1,3-Dichlorobenzene	µg/L	3	-	-	-	-
1,4-Dichlorobenzene	µg/L	3	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW2R*	*OW2R*	*OW2R*	*OW2R*
Sample ID:			*GW-34084-012510-RR-037*	*GW-34084-071910-RR-007*	*GW-34084-011911-RR-006*	*GW-34084-070711-RR-007*
Sample Date:			*1/25/2010*	*7/19/2010*	*1/19/2011*	*7/7/2011*
Parameter	*Units*	*New York TOGs Table 1*				
2,4,5-Trichlorophenol	µg/L	-	ND (25)	ND (25)	ND (25)	ND (25)
2,4,6-Trichlorophenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2,4-Dichlorophenol	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
2,4-Dimethylphenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2,4-Dinitrophenol	µg/L	-	ND (25) UJ	ND (25)	ND (25)	ND (25)
2,4-Dinitrotoluene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
2,6-Dinitrotoluene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
2-Chloronaphthalene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10) UJ
2-Chlorophenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2-Methylnaphthalene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10) UJ
2-Methylphenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2-Nitroaniline	µg/L	5	ND (25)	ND (25)	ND (25)	ND (25)
2-Nitrophenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
3,3'-Dichlorobenzidine	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
3-Nitroaniline	µg/L	5	ND (25)	ND (25)	ND (25)	ND (25)
4,6-Dinitro-2-methylphenol	µg/L	-	ND (25)	ND (25)	ND (25)	ND (25)
4-Bromophenyl phenyl ether	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
4-Chloro-3-methylphenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
4-Chloroaniline	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
4-Chlorophenyl phenyl ether	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
4-Methylphenol	µg/L	-	ND (10) UJ	ND (10) UJ	ND (10) UJ	ND (10) UJ
4-Nitroaniline	µg/L	5	ND (25)	ND (25)	ND (25)	ND (25)
4-Nitrophenol	µg/L	-	ND (25) UJ	ND (25)	ND (25)	ND (25)
Acenaphthene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Acenaphthylene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Acetophenone	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Anthracene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Atrazine	µg/L	7.5	ND (10)	ND (10)	ND (10)	ND (10)
Benzaldehyde	µg/L	-	ND (10) UJ	ND (10) UJ	ND (10) UJ	ND (10) UJ
Benzo(a)anthracene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Benzo(a)pyrene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Benzo(b)fluoranthene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Benzo(g,h,i)perylene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Benzo(k)fluoranthene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Biphenyl (1,1-Biphenyl)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
bis(2-Chloroethoxy)methane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
bis(2-Chloroethyl)ether	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10) U
Butyl benzylphthalate (BBP)	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Caprolactam	µg/L	-	ND (10) UJ	ND (10) UJ	ND (10) UJ	ND (10)
Carbazole	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Chrysene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Dibenz(a,h)anthracene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Dibenz(a,j)acridine	µg/L	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/L	-	-	-	-	-
Dibenzofuran	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Diethyl phthalate	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Dimethyl phthalate	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Di-n-butylphthalate (DBP)	µg/L	50	ND (10)	ND (10)	ND (10)	ND (10)
Di-n-octyl phthalate (DnOP)	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Fluoranthene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Fluorene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Hexachlorobenzene	µg/L	0.04	ND (10)	ND (10)	ND (10)	ND (10)
Hexachlorobutadiene	µg/L	0.5	ND (10)	ND (10)	ND (10)	ND (10)
Hexachlorocyclopentadiene	µg/L	5	ND (10) UJ	ND (10) UJ	ND (10) UJ	ND (10) UJ
Hexachloroethane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Indeno(1,2,3-cd)pyrene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Isophorone	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Naphthalene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW2R*	*OW2R*	*OW2R*	*OW2R*
Sample ID:			*GW-34084-012510-RR-037*	*GW-34084-071910-RR-007*	*GW-34084-011911-RR-006*	*GW-34084-070711-RR-007*
Sample Date:			*1/25/2010*	*7/19/2010*	*1/19/2011*	*7/7/2011*
Parameter	*Units*	*New York TOGs Table 1*				
Nitrobenzene	µg/L	0.4	ND (10)	ND (10)	ND (10)	ND (10)
N-Nitrosodi-n-propylamine	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
N-Nitrosodiphenylamine	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Pentachlorophenol	µg/L	1	ND (25)	ND (25)	ND (25)	ND (25)
Phenanthrene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Phenol	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)
Pyrene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Metals						
Aluminum	µg/L	-	1800	1940	3020	ND (499) U
Aluminum (dissolved)	µg/L	-	58.5	ND (43.8) U	ND (8.4) U	ND (16.0) U
Antimony	µg/L	3	**23.3**	**7.5**	ND (10.9) U	2.4
Antimony (dissolved)	µg/L	3	**13.5**	**12.0**	ND (7.4) U	2.1
Arsenic	µg/L	25	**145**	**42.0**	**58.6**	ND (8.7) U
Arsenic (dissolved)	µg/L	25	**41.9**	6.8	12.6 J	ND (3.3) U
Barium	µg/L	1000	57.2	46.4	37.3 J	38.4
Barium (dissolved)	µg/L	1000	33.9	37.0	24.9 J	36.1
Beryllium	µg/L	-	0.87	ND (0.17)	ND (0.17)	ND (0.47) U
Beryllium (dissolved)	µg/L	-	ND (0.26)	0.48	ND (0.17)	ND (0.40) U
Cadmium	µg/L	5	2.8	1.2	ND (1.0) U	1.1
Cadmium (dissolved)	µg/L	5	1.4	1.6	1.0	0.96
Calcium	µg/L	-	97800	64000	65000	60400
Calcium (dissolved)	µg/L	-	91500	66200	66000	60400
Chromium	µg/L	50	6.6	6.8	7.3	ND (2.4) U
Chromium Total (dissolved)	µg/L	50	0.68	ND (2.3)	1.1	ND (0.77) U
Chromium VI (hexavalent)	µg/L	50	-	-	-	-
Chromium VI (hexavalent) (dissolved)	µg/L	50	-	-	-	-
Cobalt	µg/L	-	62.9	13.9	26.0 J	3.5
Cobalt (dissolved)	µg/L	-	51.8	9.0	21.8	2.3
Copper	µg/L	200	**1080**	**332**	**375**	136
Copper (dissolved)	µg/L	200	**343**	117	109	97.1
Iron	µg/L	300	**3720**	**3310**	**4770**	ND (606) U
Iron (dissolved)	µg/L	300	113	ND (37.7) U	4.9	ND (28.9) U
Lead	µg/L	25	**153**	**46.5**	**61.6**	9.6
Lead (dissolved)	µg/L	25	7.5	1.7	1.2	3.4
Magnesium	µg/L	-	9550	17300	8570	17100
Magnesium (dissolved)	µg/L	-	8360	17200	8260	17700
Manganese	µg/L	300	32.8	55.6	65.7	26.6
Manganese (dissolved)	µg/L	300	3.5	18.5	8.8	19.0
Mercury	µg/L	0.7	0.63	0.18	0.20	ND (0.10)
Mercury (dissolved)	µg/L	0.7	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
Nickel	µg/L	100	55.4	38.9	31.1	29.0
Nickel (dissolved)	µg/L	100	42.1	30.3	25.2	27.6
Potassium	µg/L	-	5700	9540	5290	11400 J
Potassium (dissolved)	µg/L	-	5280	9440	5140 J	10900 J
Selenium	µg/L	10	**53.1**	**183**	**67.2**	**187**
Selenium (dissolved)	µg/L	10	**45.7**	**186**	**71.2**	**204**
Silver	µg/L	50	1.9	ND (1.1) U	0.83	ND (0.81) UJ
Silver (dissolved)	µg/L	50	ND (0.83)	ND (0.72) U	ND (0.38)	ND (0.52) UJ
Sodium	µg/L	20000	11600	12200	11100	12300
Sodium (dissolved)	µg/L	20000	12100	12300	11400	12600
Thallium	µg/L	-	ND (3.2)	ND (3.0)	ND (2.3)	ND (2.7)
Thallium (dissolved)	µg/L	-	ND (3.2)	ND (3.0)	ND (2.3)	ND (2.7)
Vanadium	µg/L	-	5.6	4.9	7.3	1.2
Vanadium (dissolved)	µg/L	-	ND (1.4)	ND (1.1)	ND (0.29)	ND (0.56)
Zinc	µg/L	-	2140	1120	1000 J	1090
Zinc (dissolved)	µg/L	-	1850	1020	916	1080

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW2R*	*OW2R*	*OW2R*	*OW2R*
Sample ID:			*GW-34084-012510-RR-037*	*GW-34084-071910-RR-007*	*GW-34084-011911-RR-006*	*GW-34084-070711-RR-007*
Sample Date:			*1/25/2010*	*7/19/2010*	*1/19/2011*	*7/7/2011*
Parameter	*Units*	*New York TOGs Table 1*				
PCBs						
Aroclor-1016 (PCB-1016)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0) UJ
Aroclor-1221 (PCB-1221)	µg/L	-	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0) UJ
Aroclor-1232 (PCB-1232)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0) UJ
Aroclor-1242 (PCB-1242)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0) UJ
Aroclor-1248 (PCB-1248)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0) UJ
Aroclor-1254 (PCB-1254)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0) UJ
Aroclor-1260 (PCB-1260)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0) UJ
Total PCBs	µg/L	-	ND	ND	ND	ND
Pesticides						
4,4'-DDD	µg/L	0.3	-	-	-	-
4,4'-DDE	µg/L	0.2	-	-	-	-
4,4'-DDT	µg/L	0.2	-	-	-	-
Aldrin	µg/L	-	-	-	-	-
alpha-BHC	µg/L	0.01	-	-	-	-
alpha-Chlordane	µg/L	-	-	-	-	-
beta-BHC	µg/L	0.04	-	-	-	-
delta-BHC	µg/L	0.04	-	-	-	-
Dieldrin	µg/L	0.004	-	-	-	-
Endosulfan I	µg/L	-	-	-	-	-
Endosulfan II	µg/L	-	-	-	-	-
Endosulfan sulfate	µg/L	-	-	-	-	-
Endrin	µg/L	-	-	-	-	-
Endrin aldehyde	µg/L	5	-	-	-	-
Endrin ketone	µg/L	5	-	-	-	-
gamma-BHC (lindane)	µg/L	0.05	-	-	-	-
gamma-Chlordane	µg/L	-	-	-	-	-
Heptachlor	µg/L	0.04	-	-	-	-
Heptachlor epoxide	µg/L	0.03	-	-	-	-
Methoxychlor	µg/L	35	-	-	-	-
Toxaphene	µg/L	0.06	-	-	-	-
General Chemistry						
Alkalinity, total (as CaCO3)	µg/L	-	-	-	-	-
Ammonia-N	µg/L	-	-	-	-	-
Biochemical oxygen demand (BOD)	µg/L	-	-	-	-	-
Biochemical oxygen demand (carbonaceous)	µg/L	-	-	-	-	-
Calcium carbonate	µg/L	-	-	-	-	-
Chemical oxygen demand (COD)	µg/L	-	-	-	-	-
Chloride	µg/L	250000	8700	11100	10900	11600
Conductivity	µmhos/cm	-	-	-	-	-
Cyanide (amenable)	µg/L	-	-	-	-	-
Cyanide (dissolved)	µg/L	-	-	-	-	-
Cyanide (total)	µg/L	200	-	-	-	-
Ignitability	deg C	-	-	-	-	-
Nitrate (as N)	µg/L	10000	-	-	-	-
Nitrite (as N)	µg/L	1000	-	-	-	-
Nitrite/Nitrate	µg/L	10000	-	-	-	-
Nitrogen	µg/L	-	-	-	-	-
pH	s.u.	6.5-8.5	-	-	-	-
pH (water)	s.u.	6.5-8.5	-	-	-	-
pH corrosivity	s.u.	-	-	-	-	-
Reactive cyanide	µg/L	-	-	-	-	-
Reactive sulfide	µg/L	-	-	-	-	-
Sulfate	µg/L	250000	-	-	-	-
Sulfide	µg/L	-	-	-	-	-
Total dissolved solids (TDS)	µg/L	500000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW2R*	*OW2R*	*OW2R*	*OW2R*
Sample ID:			*GW-34084-012510-RR-037*	*GW-34084-071910-RR-007*	*GW-34084-011911-RR-006*	*GW-34084-070711-RR-007*
Sample Date:			*1/25/2010*	*7/19/2010*	*1/19/2011*	*7/7/2011*
Parameter	*Units*	*New York TOGs Table 1*				
Total kjeldahl nitrogen (TKN)	µg/L	-	-	-	-	-
Total organic carbon (TOC)	µg/L	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/L	-	-	-	-	-
Total Petroleum Hydrocarbons - Non-Polar Material - SGT HEM	µg/L	-	-	-	-	-
Total solids	µg/L	-	-	-	-	-
Total suspended solids (TSS)	µg/L	-	-	-	-	-
Field Parameters						
Conductivity, field	mS/cm	-	-	-	0.515	0.598
Dissolved oxygen (DO), field	µg/L	-	-	-	11410	2110
Oxidation reduction potential (ORP), field	millivolts	-	-	-	156	167
pH, field	s.u.	6.5-8.5	-	-	6.56	**5.12**
Salinity	%	-	-	-	0	0
Temperature, field	deg C	-	-	-	8.56	22.15
Turbidity	NTU	5	-	-	**317**	**21.98**

Notes:

(DT) - Analytical results for total and dissolved metals were originally reversed in the original analytical data package, and have been corrected in this table.

> - Greater than amount reported.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

S - Value determined by the method of standard addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

W - Post-digestion spike out of control limits.

- - Not applicable.

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW3*	*OW3*	*OW3*	*OW3*	*OW3*	*OW3*	*OW3*
Sample ID:			*OW-3*	*OW-3*	*OW-3*	*OW-3*	*OW-3*	*OW-3*	*OW-3*
Sample Date:			*11/1/1990*	*11/1/1990*	*11/8/1990*	*11/8/1990*	*11/9/1990*	*11/9/1990*	*11/10/1990*
		New York		*Duplicate*		*Duplicate*		*Duplicate*	
Parameter	*Units*	*TOGs Table 1*							
Volatiles									
1,1,1-Trichloroethane	µg/L	5	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/L	5	-	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/L	1	-	-	-	-	-	-	-
1,1-Dichloroethane	µg/L	5	-	-	-	-	-	-	-
1,1-Dichloroethene	µg/L	5	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/L	5	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	0.04	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/L	0.0006	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/L	3	-	-	-	-	-	-	-
1,2-Dichloroethane	µg/L	0.6	-	-	-	-	-	-	-
1,2-Dichloroethene (total)	µg/L	-	-	-	-	-	-	-	-
1,2-Dichloropropane	µg/L	1	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/L	3	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/L	3	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	-	-	-	-	-	-	-	-
2-Hexanone	µg/L	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	-	-	-	-	-	-	-	-
Acetone	µg/L	-	-	-	-	-	-	-	-
Benzene	µg/L	1	-	-	-	-	-	-	-
Bromodichloromethane	µg/L	-	-	-	-	-	-	-	-
Bromoform	µg/L	-	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/L	5	-	-	-	-	-	-	-
Carbon disulfide	µg/L	60	-	-	-	-	-	-	-
Carbon tetrachloride	µg/L	5	-	-	-	-	-	-	-
Chlorobenzene	µg/L	5	-	-	-	-	-	-	-
Chloroethane	µg/L	5	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/L	7	-	-	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/L	5	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/L	5	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/L	-	-	-	-	-	-	-	-
Cyclohexane	µg/L	-	-	-	-	-	-	-	-
Dibromochloromethane	µg/L	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/L	5	-	-	-	-	-	-	-
Ethylbenzene	µg/L	5	-	-	-	-	-	-	-
Isopropyl benzene	µg/L	5	-	-	-	-	-	-	-
m&p-Xylenes	µg/L	-	-	-	-	-	-	-	-
Methyl acetate	µg/L	-	-	-	-	-	-	-	-
Methyl cyclohexane	µg/L	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/L	-	-	-	-	-	-	-	-
Methylene chloride	µg/L	5	-	-	-	-	-	-	-
o-Xylene	µg/L	5	-	-	-	-	-	-	-
Styrene	µg/L	5	-	-	-	-	-	-	-
Tetrachloroethene	µg/L	5	-	-	-	-	-	-	-
Toluene	µg/L	5	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	µg/L	5	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/L	-	-	-	-	-	-	-	-
Trichloroethene	µg/L	5	-	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/L	5	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/L	5	-	-	-	-	-	-	-
Vinyl chloride	µg/L	2	-	-	-	-	-	-	-
Xylenes (total)	µg/L	-	-	-	-	-	-	-	-
Semi-Volatiles									
1,2,4-Trichlorobenzene	µg/L	5	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/L	3	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/L	3	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/L	3	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	5	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW3*	*OW3*	*OW3*	*OW3*	*OW3*	*OW3*	*OW3*
Sample ID:			*OW-3*	*OW-3*	*OW-3*	*OW-3*	*OW-3*	*OW-3*	*OW-3*
Sample Date:			*11/1/1990*	*11/1/1990*	*11/8/1990*	*11/8/1990*	*11/9/1990*	*11/9/1990*	*11/10/1990*
Parameter	*Units*	*New York TOGs Table 1*		*Duplicate*		*Duplicate*		*Duplicate*	
2,4,5-Trichlorophenol	µg/L	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/L	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/L	5	-	-	-	-	-	-	-
2,4-Dimethylphenol	µg/L	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/L	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/L	5	-	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/L	5	-	-	-	-	-	-	-
2-Chloronaphthalene	µg/L	-	-	-	-	-	-	-	-
2-Chlorophenol	µg/L	-	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/L	-	-	-	-	-	-	-	-
2-Methylphenol	µg/L	-	-	-	-	-	-	-	-
2-Nitroaniline	µg/L	5	-	-	-	-	-	-	-
2-Nitrophenol	µg/L	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/L	5	-	-	-	-	-	-	-
3-Nitroaniline	µg/L	5	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/L	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/L	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/L	-	-	-	-	-	-	-	-
4-Chloroaniline	µg/L	5	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/L	-	-	-	-	-	-	-	-
4-Methylphenol	µg/L	-	-	-	-	-	-	-	-
4-Nitroaniline	µg/L	5	-	-	-	-	-	-	-
4-Nitrophenol	µg/L	-	-	-	-	-	-	-	-
Acenaphthene	µg/L	-	-	-	-	-	-	-	-
Acenaphthylene	µg/L	-	-	-	-	-	-	-	-
Acetophenone	µg/L	-	-	-	-	-	-	-	-
Anthracene	µg/L	-	-	-	-	-	-	-	-
Atrazine	µg/L	7.5	-	-	-	-	-	-	-
Benzaldehyde	µg/L	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/L	-	-	-	-	-	-	-	-
Benzo(a)pyrene	µg/L	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/L	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/L	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/L	-	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/L	5	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/L	5	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/L	1	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	5	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/L	-	-	-	-	-	-	-	-
Caprolactam	µg/L	-	-	-	-	-	-	-	-
Carbazole	µg/L	-	-	-	-	-	-	-	-
Chrysene	µg/L	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/L	-	-	-	-	-	-	-	-
Dibenz(a,j)acridine	µg/L	-	-	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/L	-	-	-	-	-	-	-	-
Dibenzofuran	µg/L	-	-	-	-	-	-	-	-
Diethyl phthalate	µg/L	-	-	-	-	-	-	-	-
Dimethyl phthalate	µg/L	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/L	50	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/L	-	-	-	-	-	-	-	-
Fluoranthene	µg/L	-	-	-	-	-	-	-	-
Fluorene	µg/L	-	-	-	-	-	-	-	-
Hexachlorobenzene	µg/L	0.04	-	-	-	-	-	-	-
Hexachlorobutadiene	µg/L	0.5	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/L	5	-	-	-	-	-	-	-
Hexachloroethane	µg/L	5	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/L	-	-	-	-	-	-	-	-
Isophorone	µg/L	-	-	-	-	-	-	-	-
Naphthalene	µg/L	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW3*	*OW3*	*OW3*	*OW3*	*OW3*	*OW3*	*OW3*
Sample ID:			*OW-3*	*OW-3*	*OW-3*	*OW-3*	*OW-3*	*OW-3*	*OW-3*
Sample Date:			*11/1/1990*	*11/1/1990*	*11/8/1990*	*11/8/1990*	*11/9/1990*	*11/9/1990*	*11/10/1990*
		New York		*Duplicate*		*Duplicate*		*Duplicate*	
Parameter	*Units*	*TOGs Table 1*							
Nitrobenzene	µg/L	0.4	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/L	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/L	-	-	-	-	-	-	-	-
Pentachlorophenol	µg/L	1	-	-	-	-	-	-	-
Phenanthrene	µg/L	-	-	-	-	-	-	-	-
Phenol	µg/L	1	-	-	-	-	-	-	-
Pyrene	µg/L	-	-	-	-	-	-	-	-
Metals									
Aluminum	µg/L	-	-	-	-	-	-	-	-
Aluminum (dissolved)	µg/L	-	-	-	-	-	-	-	-
Antimony	µg/L	3	-	-	-	-	-	-	-
Antimony (dissolved)	µg/L	3	-	-	-	-	-	-	-
Arsenic	µg/L	25	-	-	-	-	-	-	-
Arsenic (dissolved)	µg/L	25	-	-	-	-	-	-	-
Barium	µg/L	1000	-	-	-	-	-	-	-
Barium (dissolved)	µg/L	1000	-	-	-	-	-	-	-
Beryllium	µg/L	-	-	-	-	-	-	-	-
Beryllium (dissolved)	µg/L	-	-	-	-	-	-	-	-
Cadmium	µg/L	5	ND (1)/1.8	1.5	-	-	-	-	-
Cadmium (dissolved)	µg/L	5	ND (1.3)/ND (1)	ND (1)	-	-	-	-	-
Calcium	µg/L	-	-	-	-	-	-	-	-
Calcium (dissolved)	µg/L	-	-	-	-	-	-	-	-
Chromium	µg/L	50	-	-	-	-	-	-	-
Chromium Total (dissolved)	µg/L	50	-	-	-	-	-	-	-
Chromium VI (hexavalent)	µg/L	50	-	-	-	-	-	-	-
Chromium VI (hexavalent) (dissolved)	µg/L	50	-	-	-	-	-	-	-
Cobalt	µg/L	-	-	-	-	-	-	-	-
Cobalt (dissolved)	µg/L	-	-	-	-	-	-	-	-
Copper	µg/L	200	-	-	-	-	-	-	-
Copper (dissolved)	µg/L	200	-	-	-	-	-	-	-
Iron	µg/L	300	-	-	-	-	-	-	-
Iron (dissolved)	µg/L	300	-	-	-	-	-	-	-
Lead	µg/L	25	**500/3600**	**400**	-	-	-	-	-
Lead (dissolved)	µg/L	25	ND (2)/ND (2)	ND (2)	-	-	-	-	-
Magnesium	µg/L	-	-	-	-	-	-	-	-
Magnesium (dissolved)	µg/L	-	-	-	-	-	-	-	-
Manganese	µg/L	300	-	-	-	-	-	-	-
Manganese (dissolved)	µg/L	300	-	-	-	-	-	-	-
Mercury	µg/L	0.7	-	-	-	-	-	-	-
Mercury (dissolved)	µg/L	0.7	-	-	-	-	-	-	-
Nickel	µg/L	100	-	-	-	-	-	-	-
Nickel (dissolved)	µg/L	100	-	-	-	-	-	-	-
Potassium	µg/L	-	-	-	-	-	-	-	-
Potassium (dissolved)	µg/L	-	-	-	-	-	-	-	-
Selenium	µg/L	10	-	-	-	-	-	-	-
Selenium (dissolved)	µg/L	10	-	-	-	-	-	-	-
Silver	µg/L	50	-	-	-	-	-	-	-
Silver (dissolved)	µg/L	50	-	-	-	-	-	-	-
Sodium	µg/L	20000	-	-	-	-	-	-	-
Sodium (dissolved)	µg/L	20000	-	-	-	-	-	-	-
Thallium	µg/L	-	-	-	-	-	-	-	-
Thallium (dissolved)	µg/L	-	-	-	-	-	-	-	-
Vanadium	µg/L	-	-	-	-	-	-	-	-
Vanadium (dissolved)	µg/L	-	-	-	-	-	-	-	-
Zinc	µg/L	-	-	-	-	-	-	-	-
Zinc (dissolved)	µg/L	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW3*	*OW3*	*OW3*	*OW3*	*OW3*	*OW3*	*OW3*
Sample ID:			*OW-3*	*OW-3*	*OW-3*	*OW-3*	*OW-3*	*OW-3*	*OW-3*
Sample Date:			*11/1/1990*	*11/1/1990*	*11/8/1990*	*11/8/1990*	*11/9/1990*	*11/9/1990*	*11/10/1990*
Parameter	*Units*	*New York TOGs Table 1*		*Duplicate*		*Duplicate*		*Duplicate*	
PCBs									
Aroclor-1016 (PCB-1016)	µg/L	-	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	µg/L	-	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	µg/L	-	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	µg/L	-	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	µg/L	-	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	µg/L	-	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	µg/L	-	-	-	-	-	-	-	-
Total PCBs	µg/L	-	-	-	-	-	-	-	-
Pesticides									
4,4'-DDD	µg/L	0.3	-	-	-	-	-	-	-
4,4'-DDE	µg/L	0.2	-	-	-	-	-	-	-
4,4'-DDT	µg/L	0.2	-	-	-	-	-	-	-
Aldrin	µg/L	-	-	-	-	-	-	-	-
alpha-BHC	µg/L	0.01	-	-	-	-	-	-	-
alpha-Chlordane	µg/L	-	-	-	-	-	-	-	-
beta-BHC	µg/L	0.04	-	-	-	-	-	-	-
delta-BHC	µg/L	0.04	-	-	-	-	-	-	-
Dieldrin	µg/L	0.004	-	-	-	-	-	-	-
Endosulfan I	µg/L	-	-	-	-	-	-	-	-
Endosulfan II	µg/L	-	-	-	-	-	-	-	-
Endosulfan sulfate	µg/L	-	-	-	-	-	-	-	-
Endrin	µg/L	-	-	-	-	-	-	-	-
Endrin aldehyde	µg/L	5	-	-	-	-	-	-	-
Endrin ketone	µg/L	5	-	-	-	-	-	-	-
gamma-BHC (lindane)	µg/L	0.05	-	-	-	-	-	-	-
gamma-Chlordane	µg/L	-	-	-	-	-	-	-	-
Heptachlor	µg/L	0.04	-	-	-	-	-	-	-
Heptachlor epoxide	µg/L	0.03	-	-	-	-	-	-	-
Methoxychlor	µg/L	35	-	-	-	-	-	-	-
Toxaphene	µg/L	0.06	-	-	-	-	-	-	-
General Chemistry									
Alkalinity, total (as CaCO3)	µg/L	-	-	-	-	-	-	-	-
Ammonia-N	µg/L	-	-	-	-	-	-	-	-
Biochemical oxygen demand (BOD)	µg/L	-	-	-	-	-	-	-	-
Biochemical oxygen demand (carbonaceous)	µg/L	-	-	-	-	-	-	-	-
Calcium carbonate	µg/L	-	-	-	-	-	-	-	-
Chemical oxygen demand (COD)	µg/L	-	-	-	-	-	-	-	-
Chloride	µg/L	250000	-	-	15.0/18	23	18/25	26	22.0/17.6
Conductivity	µmhos/cm	-	-	-	-	-	-	-	-
Cyanide (amenable)	µg/L	-	-	-	-	-	-	-	-
Cyanide (dissolved)	µg/L	-	-	-	-	-	-	-	-
Cyanide (total)	µg/L	200	-	-	-	-	-	-	-
Ignitability	deg C	-	-	-	-	-	-	-	-
Nitrate (as N)	µg/L	10000	-	-	-	-	-	-	-
Nitrite (as N)	µg/L	1000	-	-	-	-	-	-	-
Nitrite/Nitrate	µg/L	10000	-	-	-	-	-	-	-
Nitrogen	µg/L	-	-	-	-	-	-	-	-
pH	s.u.	6.5-8.5	-	-	-	-	-	-	-
pH (water)	s.u.	6.5-8.5	-	-	-	-	-	-	-
pH corrosivity	s.u.	-	-	-	-	-	-	-	-
Reactive cyanide	µg/L	-	-	-	-	-	-	-	-
Reactive sulfide	µg/L	-	-	-	-	-	-	-	-
Sulfate	µg/L	250000	-	-	220000/330000	450000	330000/254000	420000	-
Sulfide	µg/L	-	-	-	-	-	-	-	-
Total dissolved solids (TDS)	µg/L	500000	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW3*	*OW3*	*OW3*	*OW3*	*OW3*	*OW3*	*OW3*
Sample ID:			*OW-3*	*OW-3*	*OW-3*	*OW-3*	*OW-3*	*OW-3*	*OW-3*
Sample Date:			*11/1/1990*	*11/1/1990*	*11/8/1990*	*11/8/1990*	*11/9/1990*	*11/9/1990*	*11/10/1990*
		New York		*Duplicate*		*Duplicate*		*Duplicate*	
Parameter	*Units*	*TOGs Table 1*							
Total kjeldahl nitrogen (TKN)	µg/L	-	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/L	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/L	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Non-Polar Material - SGT HEM	µg/L	-	-	-	-	-	-	-	-
Total solids	µg/L	-	-	-	-	-	-	-	-
Total suspended solids (TSS)	µg/L	-	-	-	-	-	-	-	-
Field Parameters									
Conductivity, field	mS/cm	-	-	-	-	-	-	-	-
Dissolved oxygen (DO), field	µg/L	-	-	-	-	-	-	-	-
Oxidation reduction potential (ORP), field	millivolts	-	-	-	-	-	-	-	-
pH, field	s.u.	6.5-8.5	-	-	-	-	-	-	-
Salinity	%	-	-	-	-	-	-	-	-
Temperature, field	deg C	-	-	-	-	-	-	-	-
Turbidity	NTU	5	-	-	-	-	-	-	-

Notes:

(DT) - Analytical results for total and dissolved metals were originally reversed in the original analytical data package, and have been corrected in this table.

> - Greater than amount reported.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

S - Value determined by the method of standard addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

W - Post-digestion spike out of control limits.

- - Not applicable.

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW3*	*OW3*	*OW3*	*OW3*	*OW3*	*OW3*	*OW3*	*OW3*	*OW3*
Sample ID:			*OW-3*	*OW-3*	*OW-3*	*OW-3*	*OW-3*	*OW-3*	*OW-3*	*OW-3*	*OW-3*
Sample Date:			*11/11/1990*	*11/12/1990*	*11/13/1990*	*11/14/1990*	*1/1/1991*	*1/1/1991*	*4/1/1991*	*6/1/1991*	*6/1/1991*
		New York						*Duplicate*			*Duplicate*
Parameter	*Units*	*TOGs Table 1*									
Volatiles											
1,1,1-Trichloroethane	µg/L	5	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/L	5	-	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/L	1	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	µg/L	5	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	µg/L	5	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/L	5	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	0.04	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/L	0.0006	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/L	3	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	µg/L	0.6	-	-	-	-	-	-	-	-	-
1,2-Dichloroethene (total)	µg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	µg/L	1	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/L	3	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/L	3	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	-	-	-	-	-	-	-	-	-	-
2-Hexanone	µg/L	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	-	-	-	-	-	-	-	-	-	-
Acetone	µg/L	-	-	-	-	-	-	-	-	-	-
Benzene	µg/L	1	-	-	-	-	-	-	-	-	-
Bromodichloromethane	µg/L	-	-	-	-	-	-	-	-	-	-
Bromoform	µg/L	-	-	-	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/L	5	-	-	-	-	-	-	-	-	-
Carbon disulfide	µg/L	60	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	µg/L	5	-	-	-	-	-	-	-	-	-
Chlorobenzene	µg/L	5	-	-	-	-	-	-	-	-	-
Chloroethane	µg/L	5	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/L	7	-	-	-	-	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/L	5	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/L	5	-	-	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/L	-	-	-	-	-	-	-	-	-	-
Cyclohexane	µg/L	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	µg/L	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/L	5	-	-	-	-	-	-	-	-	-
Ethylbenzene	µg/L	5	-	-	-	-	-	-	-	-	-
Isopropyl benzene	µg/L	5	-	-	-	-	-	-	-	-	-
m&p-Xylenes	µg/L	-	-	-	-	-	-	-	-	-	-
Methyl acetate	µg/L	-	-	-	-	-	-	-	-	-	-
Methyl cyclohexane	µg/L	-	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/L	-	-	-	-	-	-	-	-	-	-
Methylene chloride	µg/L	5	-	-	-	-	-	-	-	-	-
o-Xylene	µg/L	5	-	-	-	-	-	-	-	-	-
Styrene	µg/L	5	-	-	-	-	-	-	-	-	-
Tetrachloroethene	µg/L	5	-	-	-	-	-	-	-	-	-
Toluene	µg/L	5	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	µg/L	5	-	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/L	-	-	-	-	-	-	-	-	-	-
Trichloroethene	µg/L	5	-	-	-	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/L	5	-	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/L	5	-	-	-	-	-	-	-	-	-
Vinyl chloride	µg/L	2	-	-	-	-	-	-	-	-	-
Xylenes (total)	µg/L	-	-	-	-	-	-	-	-	-	-
Semi-Volatiles											
1,2,4-Trichlorobenzene	µg/L	5	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/L	3	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/L	3	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/L	3	-	-	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	5	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW3*	*OW3*	*OW3*	*OW3*	*OW3*	*OW3*	*OW3*	*OW3*	*OW3*
Sample ID:			*OW-3*	*OW-3*	*OW-3*	*OW-3*	*OW-3*	*OW-3*	*OW-3*	*OW-3*	*OW-3*
Sample Date:			*11/11/1990*	*11/12/1990*	*11/13/1990*	*11/14/1990*	*1/1/1991*	*1/1/1991*	*4/1/1991*	*6/1/1991*	*6/1/1991*
		New York						*Duplicate*			*Duplicate*
Parameter	*Units*	*TOGs Table 1*									
2,4,5-Trichlorophenol	µg/L	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/L	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/L	5	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	µg/L	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/L	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/L	5	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/L	5	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	µg/L	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol	µg/L	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/L	-	-	-	-	-	-	-	-	-	-
2-Methylphenol	µg/L	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline	µg/L	5	-	-	-	-	-	-	-	-	-
2-Nitrophenol	µg/L	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/L	5	-	-	-	-	-	-	-	-	-
3-Nitroaniline	µg/L	5	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/L	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/L	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/L	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline	µg/L	5	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/L	-	-	-	-	-	-	-	-	-	-
4-Methylphenol	µg/L	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline	µg/L	5	-	-	-	-	-	-	-	-	-
4-Nitrophenol	µg/L	-	-	-	-	-	-	-	-	-	-
Acenaphthene	µg/L	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	µg/L	-	-	-	-	-	-	-	-	-	-
Acetophenone	µg/L	-	-	-	-	-	-	-	-	-	-
Anthracene	µg/L	-	-	-	-	-	-	-	-	-	-
Atrazine	µg/L	7.5	-	-	-	-	-	-	-	-	-
Benzaldehyde	µg/L	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/L	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	µg/L	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/L	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/L	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/L	-	-	-	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/L	5	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/L	5	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/L	1	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	5	-	-	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/L	-	-	-	-	-	-	-	-	-	-
Caprolactam	µg/L	-	-	-	-	-	-	-	-	-	-
Carbazole	µg/L	-	-	-	-	-	-	-	-	-	-
Chrysene	µg/L	-	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/L	-	-	-	-	-	-	-	-	-	-
Dibenz(a,j)acridine	µg/L	-	-	-	-	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/L	-	-	-	-	-	-	-	-	-	-
Dibenzofuran	µg/L	-	-	-	-	-	-	-	-	-	-
Diethyl phthalate	µg/L	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	µg/L	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/L	50	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/L	-	-	-	-	-	-	-	-	-	-
Fluoranthene	µg/L	-	-	-	-	-	-	-	-	-	-
Fluorene	µg/L	-	-	-	-	-	-	-	-	-	-
Hexachlorobenzene	µg/L	0.04	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	µg/L	0.5	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/L	5	-	-	-	-	-	-	-	-	-
Hexachloroethane	µg/L	5	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/L	-	-	-	-	-	-	-	-	-	-
Isophorone	µg/L	-	-	-	-	-	-	-	-	-	-
Naphthalene	µg/L	-	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW3*	*OW3*	*OW3*	*OW3*	*OW3*	*OW3*	*OW3*	*OW3*	*OW3*
Sample ID:			*OW-3*	*OW-3*	*OW-3*	*OW-3*	*OW-3*	*OW-3*	*OW-3*	*OW-3*	*OW-3*
Sample Date:			*11/11/1990*	*11/12/1990*	*11/13/1990*	*11/14/1990*	*1/1/1991*	*1/1/1991*	*4/1/1991*	*6/1/1991*	*6/1/1991*
		New York						*Duplicate*			*Duplicate*
Parameter	*Units*	*TOGs Table 1*									
Nitrobenzene	µg/L	0.4	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/L	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/L	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	µg/L	1	-	-	-	-	-	-	-	-	-
Phenanthrene	µg/L	-	-	-	-	-	-	-	-	-	-
Phenol	µg/L	1	-	-	-	-	-	-	-	-	-
Pyrene	µg/L	-	-	-	-	-	-	-	-	-	-
Metals											
Aluminum	µg/L	-	-	-	-	-	-	-	-	-	-
Aluminum (dissolved)	µg/L	-	-	-	-	-	-	-	-	-	-
Antimony	µg/L	3	-	-	-	-	-	-	-	-	-
Antimony (dissolved)	µg/L	3	-	-	-	-	-	-	-	-	-
Arsenic	µg/L	25	-	-	-	-	-	-	-	-	-
Arsenic (dissolved)	µg/L	25	-	-	-	-	-	-	-	-	-
Barium	µg/L	1000	-	-	-	-	-	-	-	-	-
Barium (dissolved)	µg/L	1000	-	-	-	-	-	-	-	-	-
Beryllium	µg/L	-	-	-	-	-	-	-	-	-	-
Beryllium (dissolved)	µg/L	-	-	-	-	-	-	-	-	-	-
Cadmium	µg/L	5	-	-	-	-	**231/229**	**223**	**70.9/119**	**12.3/11.9**	**12.4**
Cadmium (dissolved)	µg/L	5	-	-	-	-	**109/196**	**202**	-	**14/14.4**	**13.6**
Calcium	µg/L	-	-	-	-	-	-	-	-	-	-
Calcium (dissolved)	µg/L	-	-	-	-	-	-	-	-	-	-
Chromium	µg/L	50	-	-	-	-	-	-	-	-	-
Chromium Total (dissolved)	µg/L	50	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	µg/L	50	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent) (dissolved)	µg/L	50	-	-	-	-	-	-	-	-	-
Cobalt	µg/L	-	-	-	-	-	-	-	-	-	-
Cobalt (dissolved)	µg/L	-	-	-	-	-	-	-	-	-	-
Copper	µg/L	200	-	-	-	-	-	-	-	-	-
Copper (dissolved)	µg/L	200	-	-	-	-	-	-	-	-	-
Iron	µg/L	300	-	-	-	-	-	-	-	-	-
Iron (dissolved)	µg/L	300	-	-	-	-	-	-	-	-	-
Lead	µg/L	25	-	-	-	-	**890/1210**	**1030**	**752/595**	**586/612**	**634**
Lead (dissolved)	µg/L	25	-	-	-	-	**458/310**	**479**	**305/368**	12.2/16.2	**26.9**
Magnesium	µg/L	-	-	-	-	-	-	-	-	-	-
Magnesium (dissolved)	µg/L	-	-	-	-	-	-	-	-	-	-
Manganese	µg/L	300	-	-	-	-	-	-	-	-	-
Manganese (dissolved)	µg/L	300	-	-	-	-	-	-	-	-	-
Mercury	µg/L	0.7	-	-	-	-	-	-	-	-	-
Mercury (dissolved)	µg/L	0.7	-	-	-	-	-	-	-	-	-
Nickel	µg/L	100	-	-	-	-	-	-	-	-	-
Nickel (dissolved)	µg/L	100	-	-	-	-	-	-	-	-	-
Potassium	µg/L	-	-	-	-	-	-	-	-	-	-
Potassium (dissolved)	µg/L	-	-	-	-	-	-	-	-	-	-
Selenium	µg/L	10	-	-	-	-	-	-	-	-	-
Selenium (dissolved)	µg/L	10	-	-	-	-	-	-	-	-	-
Silver	µg/L	50	-	-	-	-	-	-	-	-	-
Silver (dissolved)	µg/L	50	-	-	-	-	-	-	-	-	-
Sodium	µg/L	20000	-	-	-	-	-	-	-	-	-
Sodium (dissolved)	µg/L	20000	-	-	-	-	-	-	-	-	-
Thallium	µg/L	-	-	-	-	-	-	-	-	-	-
Thallium (dissolved)	µg/L	-	-	-	-	-	-	-	-	-	-
Vanadium	µg/L	-	-	-	-	-	-	-	-	-	-
Vanadium (dissolved)	µg/L	-	-	-	-	-	-	-	-	-	-
Zinc	µg/L	-	-	-	-	-	-	-	-	-	-
Zinc (dissolved)	µg/L	-	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW3*	*OW3*	*OW3*	*OW3*	*OW3*	*OW3*	*OW3*	*OW3*	*OW3*
Sample ID:			*OW-3*	*OW-3*	*OW-3*	*OW-3*	*OW-3*	*OW-3*	*OW-3*	*OW-3*	*OW-3*
Sample Date:			*11/11/1990*	*11/12/1990*	*11/13/1990*	*11/14/1990*	*1/1/1991*	*1/1/1991*	*4/1/1991*	*6/1/1991*	*6/1/1991*
		New York						*Duplicate*			*Duplicate*
Parameter	*Units*	*TOGs Table 1*									
PCBs											
Aroclor-1016 (PCB-1016)	µg/L	-	-	-	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	µg/L	-	-	-	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	µg/L	-	-	-	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	µg/L	-	-	-	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	µg/L	-	-	-	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	µg/L	-	-	-	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	µg/L	-	-	-	-	-	-	-	-	-	-
Total PCBs	µg/L	-	-	-	-	-	-	-	-	-	-
Pesticides											
4,4'-DDD	µg/L	0.3	-	-	-	-	-	-	-	-	-
4,4'-DDE	µg/L	0.2	-	-	-	-	-	-	-	-	-
4,4'-DDT	µg/L	0.2	-	-	-	-	-	-	-	-	-
Aldrin	µg/L	-	-	-	-	-	-	-	-	-	-
alpha-BHC	µg/L	0.01	-	-	-	-	-	-	-	-	-
alpha-Chlordane	µg/L	-	-	-	-	-	-	-	-	-	-
beta-BHC	µg/L	0.04	-	-	-	-	-	-	-	-	-
delta-BHC	µg/L	0.04	-	-	-	-	-	-	-	-	-
Dieldrin	µg/L	0.004	-	-	-	-	-	-	-	-	-
Endosulfan I	µg/L	-	-	-	-	-	-	-	-	-	-
Endosulfan II	µg/L	-	-	-	-	-	-	-	-	-	-
Endosulfan sulfate	µg/L	-	-	-	-	-	-	-	-	-	-
Endrin	µg/L	-	-	-	-	-	-	-	-	-	-
Endrin aldehyde	µg/L	5	-	-	-	-	-	-	-	-	-
Endrin ketone	µg/L	5	-	-	-	-	-	-	-	-	-
gamma-BHC (lindane)	µg/L	0.05	-	-	-	-	-	-	-	-	-
gamma-Chlordane	µg/L	-	-	-	-	-	-	-	-	-	-
Heptachlor	µg/L	0.04	-	-	-	-	-	-	-	-	-
Heptachlor epoxide	µg/L	0.03	-	-	-	-	-	-	-	-	-
Methoxychlor	µg/L	35	-	-	-	-	-	-	-	-	-
Toxaphene	µg/L	0.06	-	-	-	-	-	-	-	-	-
General Chemistry											
Alkalinity, total (as CaCO3)	µg/L	-	-	-	-	-	-	-	-	-	-
Ammonia-N	µg/L	-	-	-	-	-	-	-	-	-	-
Biochemical oxygen demand (BOD)	µg/L	-	-	-	-	-	-	-	-	-	-
Biochemical oxygen demand (carbonaceous)	µg/L	-	-	-	-	-	-	-	-	-	-
Calcium carbonate	µg/L	-	-	-	-	-	-	-	-	-	-
Chemical oxygen demand (COD)	µg/L	-	-	-	-	-	-	-	-	-	-
Chloride	µg/L	250000	38/53	18/17	15/15	14/14	-	-	-	-	-
Conductivity	µmhos/cm	-	-	-	-	-	-	-	-	-	-
Cyanide (amenable)	µg/L	-	-	-	-	-	-	-	-	-	-
Cyanide (dissolved)	µg/L	-	-	-	-	-	-	-	-	-	-
Cyanide (total)	µg/L	200	-	-	-	-	-	-	-	-	-
Ignitability	deg C	-	-	-	-	-	-	-	-	-	-
Nitrate (as N)	µg/L	10000	-	-	-	-	-	-	-	-	-
Nitrite (as N)	µg/L	1000	-	-	-	-	-	-	-	-	-
Nitrite/Nitrate	µg/L	10000	-	-	-	-	-	-	-	-	-
Nitrogen	µg/L	-	-	-	-	-	-	-	-	-	-
pH	s.u.	6.5-8.5	-	-	-	-	-	-	-	-	-
pH (water)	s.u.	6.5-8.5	-	-	-	-	-	-	-	-	-
pH corrosivity	s.u.	-	-	-	-	-	-	-	-	-	-
Reactive cyanide	µg/L	-	-	-	-	-	-	-	-	-	-
Reactive sulfide	µg/L	-	-	-	-	-	-	-	-	-	-
Sulfate	µg/L	250000	-	-	-	-	-	-	-	-	-
Sulfide	µg/L	-	-	-	-	-	-	-	-	-	-
Total dissolved solids (TDS)	µg/L	500000	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW3*	*OW3*	*OW3*	*OW3*	*OW3*	*OW3*	*OW3*	*OW3*	*OW3*
Sample ID:			*OW-3*	*OW-3*	*OW-3*	*OW-3*	*OW-3*	*OW-3*	*OW-3*	*OW-3*	*OW-3*
Sample Date:			*11/11/1990*	*11/12/1990*	*11/13/1990*	*11/14/1990*	*1/1/1991*	*1/1/1991*	*4/1/1991*	*6/1/1991*	*6/1/1991*
								Duplicate			*Duplicate*
Parameter	*Units*	*New York TOGs Table 1*									
Total kjeldahl nitrogen (TKN)	µg/L	-	-	-	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/L	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/L	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Non-Polar Material - SGT HEM	µg/L	-	-	-	-	-	-	-	-	-	-
Total solids	µg/L	-	-	-	-	-	-	-	-	-	-
Total suspended solids (TSS)	µg/L	-	-	-	-	-	-	-	-	-	-
Field Parameters											
Conductivity, field	mS/cm	-	-	-	-	-	-	-	-	-	-
Dissolved oxygen (DO), field	µg/L	-	-	-	-	-	-	-	-	-	-
Oxidation reduction potential (ORP), field	millivolts	-	-	-	-	-	-	-	-	-	-
pH, field	s.u.	6.5-8.5	-	-	-	-	-	-	-	-	-
Salinity	%	-	-	-	-	-	-	-	-	-	-
Temperature, field	deg C	-	-	-	-	-	-	-	-	-	-
Turbidity	NTU	5	-	-	-	-	-	-	-	-	-

Notes:

(DT) - Analytical results for total and dissolved metals were originally reversed in the original analytical data package, and have been corrected in this table.

> - Greater than amount reported.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

S - Value determined by the method of standard addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

W - Post-digestion spike out of control limits.

- - Not applicable.

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW3*	*OW3*	*OW3*	*OW3*	*OW4*	*OW4*
Sample ID:			*OW-3*	*OW-3*	*OW-3*	*GW-WPW-017*	*OW-4*	*OW-4*
Sample Date:			*11/1/1991*	*11/1/1991*	*12/10/1993*	*8/2/1999*	*11/1/1990*	*1/1/1991*
				Duplicate				
Parameter	*Units*	*New York TOGs Table 1*						
Volatiles								
1,1,1-Trichloroethane	µg/L	5	-	-	-	ND (10)	-	-
1,1,2,2-Tetrachloroethane	µg/L	5	-	-	-	ND (10)	-	-
1,1,2-Trichloroethane	µg/L	1	-	-	-	ND (10)	-	-
1,1-Dichloroethane	µg/L	5	-	-	-	ND (10)	-	-
1,1-Dichloroethene	µg/L	5	-	-	-	ND (10)	-	-
1,2,4-Trichlorobenzene	µg/L	5	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	0.04	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/L	0.0006	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/L	3	-	-	-	-	-	-
1,2-Dichloroethane	µg/L	0.6	-	-	-	ND (10)	-	-
1,2-Dichloroethene (total)	µg/L	-	-	-	-	ND (10)	-	-
1,2-Dichloropropane	µg/L	1	-	-	-	ND (10)	-	-
1,3-Dichlorobenzene	µg/L	3	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/L	3	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	-	-	-	-	ND (10) J	-	-
2-Hexanone	µg/L	-	-	-	-	ND (10) J	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	-	-	-	-	ND (10) J	-	-
Acetone	µg/L	-	-	-	-	5 J	-	-
Benzene	µg/L	1	-	-	-	ND (10)	-	-
Bromodichloromethane	µg/L	-	-	-	-	ND (10)	-	-
Bromoform	µg/L	-	-	-	-	ND (10)	-	-
Bromomethane (Methyl bromide)	µg/L	5	-	-	-	ND (10)	-	-
Carbon disulfide	µg/L	60	-	-	-	ND (10)	-	-
Carbon tetrachloride	µg/L	5	-	-	-	ND (10)	-	-
Chlorobenzene	µg/L	5	-	-	-	ND (10)	-	-
Chloroethane	µg/L	5	-	-	-	ND (10)	-	-
Chloroform (Trichloromethane)	µg/L	7	-	-	-	ND (10)	-	-
Chloromethane (Methyl chloride)	µg/L	5	-	-	-	ND (10)	-	-
cis-1,2-Dichloroethene	µg/L	5	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/L	-	-	-	-	ND (10)	-	-
Cyclohexane	µg/L	-	-	-	-	-	-	-
Dibromochloromethane	µg/L	-	-	-	-	ND (10)	-	-
Dichlorodifluoromethane (CFC-12)	µg/L	5	-	-	-	-	-	-
Ethylbenzene	µg/L	5	-	-	-	ND (10)	-	-
Isopropyl benzene	µg/L	5	-	-	-	-	-	-
m&p-Xylenes	µg/L	-	-	-	-	-	-	-
Methyl acetate	µg/L	-	-	-	-	-	-	-
Methyl cyclohexane	µg/L	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/L	-	-	-	-	-	-	-
Methylene chloride	µg/L	5	-	-	-	ND (10)	-	-
o-Xylene	µg/L	5	-	-	-	-	-	-
Styrene	µg/L	5	-	-	-	ND (10)	-	-
Tetrachloroethene	µg/L	5	-	-	-	ND (10)	-	-
Toluene	µg/L	5	-	-	-	ND (10)	-	-
trans-1,2-Dichloroethene	µg/L	5	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/L	-	-	-	-	ND (10)	-	-
Trichloroethene	µg/L	5	-	-	-	ND (10)	-	-
Trichlorofluoromethane (CFC-11)	µg/L	5	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/L	5	-	-	-	-	-	-
Vinyl chloride	µg/L	2	-	-	-	ND (10)	-	-
Xylenes (total)	µg/L	-	-	-	-	ND (10)	-	-
Semi-Volatiles								
1,2,4-Trichlorobenzene	µg/L	5	-	-	-	ND (10)	-	-
1,2-Dichlorobenzene	µg/L	3	-	-	-	ND (10)	-	-
1,3-Dichlorobenzene	µg/L	3	-	-	-	ND (10)	-	-
1,4-Dichlorobenzene	µg/L	3	-	-	-	ND (10)	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	5	-	-	-	ND (10)	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW3*	*OW3*	*OW3*	*OW3*	*OW4*	*OW4*
Sample ID:			*OW-3*	*OW-3*	*OW-3*	*GW-WPW-017*	*OW-4*	*OW-4*
Sample Date:			*11/1/1991*	*11/1/1991*	*12/10/1993*	*8/2/1999*	*11/1/1990*	*1/1/1991*
				Duplicate				
Parameter	*Units*	*New York TOGs Table 1*						
2,4,5-Trichlorophenol	µg/L	-	-	-	-	ND (25)	-	-
2,4,6-Trichlorophenol	µg/L	-	-	-	-	ND (10)	-	-
2,4-Dichlorophenol	µg/L	5	-	-	-	ND (10)	-	-
2,4-Dimethylphenol	µg/L	-	-	-	-	ND (10)	-	-
2,4-Dinitrophenol	µg/L	-	-	-	-	ND (25)	-	-
2,4-Dinitrotoluene	µg/L	5	-	-	-	ND (10)	-	-
2,6-Dinitrotoluene	µg/L	5	-	-	-	ND (10)	-	-
2-Chloronaphthalene	µg/L	-	-	-	-	ND (10)	-	-
2-Chlorophenol	µg/L	-	-	-	-	ND (10)	-	-
2-Methylnaphthalene	µg/L	-	-	-	-	ND (10)	-	-
2-Methylphenol	µg/L	-	-	-	-	ND (10)	-	-
2-Nitroaniline	µg/L	5	-	-	-	ND (25)	-	-
2-Nitrophenol	µg/L	-	-	-	-	ND (10)	-	-
3,3'-Dichlorobenzidine	µg/L	5	-	-	-	ND (10)	-	-
3-Nitroaniline	µg/L	5	-	-	-	ND (25)	-	-
4,6-Dinitro-2-methylphenol	µg/L	-	-	-	-	ND (25)	-	-
4-Bromophenyl phenyl ether	µg/L	-	-	-	-	ND (10)	-	-
4-Chloro-3-methylphenol	µg/L	-	-	-	-	ND (10)	-	-
4-Chloroaniline	µg/L	5	-	-	-	ND (10)	-	-
4-Chlorophenyl phenyl ether	µg/L	-	-	-	-	ND (10)	-	-
4-Methylphenol	µg/L	-	-	-	-	ND (10)	-	-
4-Nitroaniline	µg/L	5	-	-	-	ND (25)	-	-
4-Nitrophenol	µg/L	-	-	-	-	ND (25)	-	-
Acenaphthene	µg/L	-	-	-	-	ND (10)	-	-
Acenaphthylene	µg/L	-	-	-	-	ND (10)	-	-
Acetophenone	µg/L	-	-	-	-	-	-	-
Anthracene	µg/L	-	-	-	-	ND (10)	-	-
Atrazine	µg/L	7.5	-	-	-	-	-	-
Benzaldehyde	µg/L	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/L	-	-	-	-	ND (10)	-	-
Benzo(a)pyrene	µg/L	-	-	-	-	ND (10)	-	-
Benzo(b)fluoranthene	µg/L	-	-	-	-	ND (10)	-	-
Benzo(g,h,i)perylene	µg/L	-	-	-	-	ND (10)	-	-
Benzo(k)fluoranthene	µg/L	-	-	-	-	ND (10)	-	-
Biphenyl (1,1-Biphenyl)	µg/L	5	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/L	5	-	-	-	ND (10)	-	-
bis(2-Chloroethyl)ether	µg/L	1	-	-	-	ND (10)	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	5	-	-	-	**6 J**	-	-
Butyl benzylphthalate (BBP)	µg/L	-	-	-	-	ND (10)	-	-
Caprolactam	µg/L	-	-	-	-	-	-	-
Carbazole	µg/L	-	-	-	-	ND (10)	-	-
Chrysene	µg/L	-	-	-	-	ND (10)	-	-
Dibenz(a,h)anthracene	µg/L	-	-	-	-	ND (10)	-	-
Dibenz(a,j)acridine	µg/L	-	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/L	-	-	-	-	-	-	-
Dibenzofuran	µg/L	-	-	-	-	ND (10)	-	-
Diethyl phthalate	µg/L	-	-	-	-	ND (10)	-	-
Dimethyl phthalate	µg/L	-	-	-	-	ND (10)	-	-
Di-n-butylphthalate (DBP)	µg/L	50	-	-	-	ND (10)	-	-
Di-n-octyl phthalate (DnOP)	µg/L	-	-	-	-	ND (10)	-	-
Fluoranthene	µg/L	-	-	-	-	1 J	-	-
Fluorene	µg/L	-	-	-	-	ND (10)	-	-
Hexachlorobenzene	µg/L	0.04	-	-	-	ND (10)	-	-
Hexachlorobutadiene	µg/L	0.5	-	-	-	ND (10)	-	-
Hexachlorocyclopentadiene	µg/L	5	-	-	-	ND (10)	-	-
Hexachloroethane	µg/L	5	-	-	-	ND (10)	-	-
Indeno(1,2,3-cd)pyrene	µg/L	-	-	-	-	ND (10)	-	-
Isophorone	µg/L	-	-	-	-	ND (10)	-	-
Naphthalene	µg/L	-	-	-	-	ND (10)	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW3*	*OW3*	*OW3*	*OW3*	*OW4*	*OW4*
Sample ID:			*OW-3*	*OW-3*	*OW-3*	*GW-WPW-017*	*OW-4*	*OW-4*
Sample Date:			*11/1/1991*	*11/1/1991*	*12/10/1993*	*8/2/1999*	*11/1/1990*	*1/1/1991*
				Duplicate				
Parameter	*Units*	*New York TOGs Table 1*						
Nitrobenzene	µg/L	0.4	-	-	-	ND (10)	-	-
N-Nitrosodi-n-propylamine	µg/L	-	-	-	-	ND (10)	-	-
N-Nitrosodiphenylamine	µg/L	-	-	-	-	ND (10)	-	-
Pentachlorophenol	µg/L	1	-	-	-	ND (25)	-	-
Phenanthrene	µg/L	-	-	-	-	1 J	-	-
Phenol	µg/L	1	-	-	-	ND (10)	-	-
Pyrene	µg/L	-	-	-	-	1 J	-	-
Metals								
Aluminum	µg/L	-	-	-	21300/22000	11900	-	-
Aluminum (dissolved)	µg/L	-	-	-	ND (23.2)/ND (23.2)	ND (59.2)	-	-
Antimony	µg/L	3	-	-	**164/190**	**148**	-	-
Antimony (dissolved)	µg/L	3	-	-	**ND (57.7)/587**	ND (7.2)	-	-
Arsenic	µg/L	25	-	-	**614/281**	**393**	-	-
Arsenic (dissolved)	µg/L	25	-	-	**63.5/15.1**	**144**	-	-
Barium	µg/L	1000	-	-	155 B/174 B	97.8	-	-
Barium (dissolved)	µg/L	1000	-	-	21.2 B/20.7 B	36.5	-	-
Beryllium	µg/L	-	-	-	3.2 B/2.3 B	0.87	-	-
Beryllium (dissolved)	µg/L	-	-	-	ND (0.6)/ND (0.6)	0.28	-	-
Cadmium	µg/L	5	**10.6**	**9.7**	**73.1/63.6**	**38.7**	2/4.6	**77.4/136**
Cadmium (dissolved)	µg/L	5	1.2	**10.1**	ND (1.8)/ND (1.8)	1.1	**3.5/5.3**	**26.2/65.5**
Calcium	µg/L	-	-	-	125000/139000	176000	-	-
Calcium (dissolved)	µg/L	-	-	-	78700/84600	178000	-	-
Chromium	µg/L	50	-	-	**70.9/78.2**	39.9	-	-
Chromium Total (dissolved)	µg/L	50	-	-	ND (1.5)/ND (1.5)	ND (0.60)	-	-
Chromium VI (hexavalent)	µg/L	50	-	-	ND (0.05)/ND (0.05)	-	-	-
Chromium VI (hexavalent) (dissolved)	µg/L	50	-	-	ND (0.05)/ND (0.05)	-	-	-
Cobalt	µg/L	-	-	-	1100/1140	663	-	-
Cobalt (dissolved)	µg/L	-	-	-	320/281	395	-	-
Copper	µg/L	200	-	-	**29400/33700**	**16000**	-	-
Copper (dissolved)	µg/L	200	-	-	2.4 B/ND (10.3)	21.0	-	-
Iron	µg/L	300	-	-	**305000/260000**	**144000**	-	-
Iron (dissolved)	µg/L	300	-	-	**42200/47800**	**60900**	-	-
Lead	µg/L	25	**668**	**683**	**12800/8570**	**7500**	**690/2500**	**604/153**
Lead (dissolved)	µg/L	25	ND (4) UJ	ND (6.7)	1.8 B/ND (1)	**88.2**	ND (2)/ND (2)	ND (2)/ND (2)
Magnesium	µg/L	-	-	-	18800/19000	14400	-	-
Magnesium (dissolved)	µg/L	-	-	-	9350/9800	11400	-	-
Manganese	µg/L	300	-	-	**1380/1580**	**860**	-	-
Manganese (dissolved)	µg/L	300	-	-	**457/486**	**608**	-	-
Mercury	µg/L	0.7	-	-	**ND (0.1)/0.85**	**0.75**	-	-
Mercury (dissolved)	µg/L	0.7	-	-	ND (0.1)/ND (0.1)	ND (0.10)	-	-
Nickel	µg/L	100	-	-	**1900/1760**	**1220**	-	-
Nickel (dissolved)	µg/L	100	-	-	**599/710**	**821**	-	-
Potassium	µg/L	-	-	-	11600/11100	11700 J	-	-
Potassium (dissolved)	µg/L	-	-	-	7380/8550	10900 J	-	-
Selenium	µg/L	10	-	-	**50.1/69.6**	**120**	-	-
Selenium (dissolved)	µg/L	10	-	-	3.1 B/2.8 BE	ND (3.7)	-	-
Silver	µg/L	50	-	-	**42.3/51.9**	27.5	-	-
Silver (dissolved)	µg/L	50	-	-	ND (3.9)/ND (3.9)	ND (1.8)	-	-
Sodium	µg/L	20000	-	-	**29900/30900**	**31900**	-	-
Sodium (dissolved)	µg/L	20000	-	-	**18300/23500**	**32400**	-	-
Thallium	µg/L	-	-	-	ND (1)/2.9 B	ND (13.4)	-	-
Thallium (dissolved)	µg/L	-	-	-	ND (1)/ND (1)	ND (5.9)	-	-
Vanadium	µg/L	-	-	-	57.2/90.7 E	36.6	-	-
Vanadium (dissolved)	µg/L	-	-	-	ND (16.3)/ND (16.3)	ND (1.2)	-	-
Zinc	µg/L	-	-	-	16000/14300	9760	-	-
Zinc (dissolved)	µg/L	-	-	-	2490/2740	4180	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW3*	*OW3*	*OW3*	*OW3*	*OW4*	*OW4*
Sample ID:			*OW-3*	*OW-3*	*OW-3*	*GW-WPW-017*	*OW-4*	*OW-4*
Sample Date:			*11/1/1991*	*11/1/1991*	*12/10/1993*	*8/2/1999*	*11/1/1990*	*1/1/1991*
				Duplicate				
Parameter	*Units*	*New York TOGs Table 1*						
PCBs								
Aroclor-1016 (PCB-1016)	µg/L	-	-	-	-	ND (1.0) J	-	-
Aroclor-1221 (PCB-1221)	µg/L	-	-	-	-	ND (2.0) J	-	-
Aroclor-1232 (PCB-1232)	µg/L	-	-	-	-	ND (1.0) J	-	-
Aroclor-1242 (PCB-1242)	µg/L	-	-	-	-	ND (1.0) J	-	-
Aroclor-1248 (PCB-1248)	µg/L	-	-	-	-	ND (1.0) J	-	-
Aroclor-1254 (PCB-1254)	µg/L	-	-	-	-	ND (1.0) J	-	-
Aroclor-1260 (PCB-1260)	µg/L	-	-	-	-	ND (1.0) J	-	-
Total PCBs	µg/L	-	-	-	-	ND	-	-
Pesticides								
4,4'-DDD	µg/L	0.3	-	-	-	ND (0.10) J	-	-
4,4'-DDE	µg/L	0.2	-	-	-	ND (0.10) J	-	-
4,4'-DDT	µg/L	0.2	-	-	-	ND (0.10) J	-	-
Aldrin	µg/L	-	-	-	-	ND (0.050) J	-	-
alpha-BHC	µg/L	0.01	-	-	-	ND (0.050) J	-	-
alpha-Chlordane	µg/L	-	-	-	-	ND (0.050) J	-	-
beta-BHC	µg/L	0.04	-	-	-	ND (0.050) J	-	-
delta-BHC	µg/L	0.04	-	-	-	ND (0.050) J	-	-
Dieldrin	µg/L	0.004	-	-	-	ND (0.10) J	-	-
Endosulfan I	µg/L	-	-	-	-	ND (0.050) J	-	-
Endosulfan II	µg/L	-	-	-	-	ND (0.10) J	-	-
Endosulfan sulfate	µg/L	-	-	-	-	ND (0.10) J	-	-
Endrin	µg/L	-	-	-	-	ND (0.10) J	-	-
Endrin aldehyde	µg/L	5	-	-	-	ND (0.10) J	-	-
Endrin ketone	µg/L	5	-	-	-	ND (0.10) J	-	-
gamma-BHC (lindane)	µg/L	0.05	-	-	-	ND (0.050) J	-	-
gamma-Chlordane	µg/L	-	-	-	-	ND (0.050) J	-	-
Heptachlor	µg/L	0.04	-	-	-	ND (0.050) J	-	-
Heptachlor epoxide	µg/L	0.03	-	-	-	ND (0.050) J	-	-
Methoxychlor	µg/L	35	-	-	-	ND (0.50) J	-	-
Toxaphene	µg/L	0.06	-	-	-	ND (5.0) J	-	-
General Chemistry								
Alkalinity, total (as CaCO3)	µg/L	-	-	-	-	-	-	-
Ammonia-N	µg/L	-	-	-	-	-	-	-
Biochemical oxygen demand (BOD)	µg/L	-	-	-	-	-	-	-
Biochemical oxygen demand (carbonaceous)	µg/L	-	-	-	-	-	-	-
Calcium carbonate	µg/L	-	-	-	-	-	-	-
Chemical oxygen demand (COD)	µg/L	-	-	-	-	-	-	-
Chloride	µg/L	250000	-	-	28.6/21.4	-	-	-
Conductivity	µmhos/cm	-	-	-	600/500	-	-	-
Cyanide (amenable)	µg/L	-	-	-	-	-	-	-
Cyanide (dissolved)	µg/L	-	-	-	-	ND (10.0)	-	-
Cyanide (total)	µg/L	200	-	-	ND (0.9)/ND (0.9)	ND (10.0)	-	-
Ignitability	deg C	-	-	-	-	-	-	-
Nitrate (as N)	µg/L	10000	-	-	-	-	-	-
Nitrite (as N)	µg/L	1000	-	-	-	-	-	-
Nitrite/Nitrate	µg/L	10000	-	-	-	-	-	-
Nitrogen	µg/L	-	-	-	-	-	-	-
pH	s.u.	6.5-8.5	-	-	**6.42/6.81**	-	-	-
pH (water)	s.u.	6.5-8.5	-	-	-	-	-	-
pH corrosivity	s.u.	-	-	-	5.77/6.22	-	-	-
Reactive cyanide	µg/L	-	-	-	ND (0.05)/ND (0.05)	-	-	-
Reactive sulfide	µg/L	-	-	-	ND (1)/1.22	-	-	-
Sulfate	µg/L	250000	-	-	-	-	-	-
Sulfide	µg/L	-	-	-	-	-	-	-
Total dissolved solids (TDS)	µg/L	500000	-	-	745/4	-	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW3*	*OW3*	*OW3*	*OW3*	*OW4*	*OW4*
Sample ID:			*OW-3*	*OW-3*	*OW-3*	*GW-WPW-017*	*OW-4*	*OW-4*
Sample Date:			*11/1/1991*	*11/1/1991*	*12/10/1993*	*8/2/1999*	*11/1/1990*	*1/1/1991*
				Duplicate				
Parameter	*Units*	*New York TOGs Table 1*						
Total kjeldahl nitrogen (TKN)	µg/L	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/L	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/L	-	-	-	0.164/0.752	-	-	-
Total Petroleum Hydrocarbons - Non-Polar Material - SGT HEM	µg/L	-	-	-	-	-	-	-
Total solids	µg/L	-	-	-	-	-	-	-
Total suspended solids (TSS)	µg/L	-	-	-	-	-	-	-
Field Parameters								
Conductivity, field	mS/cm	-	-	-	-	-	-	-
Dissolved oxygen (DO), field	µg/L	-	-	-	-	-	-	-
Oxidation reduction potential (ORP), field	millivolts	-	-	-	-	-	-	-
pH, field	s.u.	6.5-8.5	-	-	-	-	-	-
Salinity	%	-	-	-	-	-	-	-
Temperature, field	deg C	-	-	-	13/8	-	-	-
Turbidity	NTU	5	-	-	-	-	-	-

Notes:

(DT) - Analytical results for total and dissolved metals were originally reversed in the original analytical data package, and have been corrected in this table.

> - Greater than amount reported.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

S - Value determined by the method of standard addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

W - Post-digestion spike out of control limits.

- - Not applicable.

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW4*	*OW4*	*OW4*	*OW4*	*OW4*	*OW4*
Sample ID:			*OW-4*	*OW-4*	*OW-4*	*OW-4*	*OW-4*	*GW-WPW-025*
Sample Date:			*4/1/1991*	*6/1/1991*	*6/1/1991*	*11/1/1991*	*12/10/1993*	*8/3/1999*
		New York			*Duplicate*			
Parameter	*Units*	*TOGs Table 1*						
Volatiles								
1,1,1-Trichloroethane	µg/L	5	-	-	-	-	-	ND (10)
1,1,2,2-Tetrachloroethane	µg/L	5	-	-	-	-	-	ND (10)
1,1,2-Trichloroethane	µg/L	1	-	-	-	-	-	ND (10)
1,1-Dichloroethane	µg/L	5	-	-	-	-	-	ND (10)
1,1-Dichloroethene	µg/L	5	-	-	-	-	-	ND (10)
1,2,4-Trichlorobenzene	µg/L	5	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	0.04	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/L	0.0006	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/L	3	-	-	-	-	-	-
1,2-Dichloroethane	µg/L	0.6	-	-	-	-	-	ND (10)
1,2-Dichloroethene (total)	µg/L	-	-	-	-	-	-	ND (10)
1,2-Dichloropropane	µg/L	1	-	-	-	-	-	ND (10)
1,3-Dichlorobenzene	µg/L	3	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/L	3	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	-	-	-	-	-	-	ND (10)
2-Hexanone	µg/L	-	-	-	-	-	-	ND (10)
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	-	-	-	-	-	-	ND (10)
Acetone	µg/L	-	-	-	-	-	10	ND (10)
Benzene	µg/L	1	-	-	-	-	-	ND (10)
Bromodichloromethane	µg/L	-	-	-	-	-	-	ND (10)
Bromoform	µg/L	-	-	-	-	-	-	ND (10)
Bromomethane (Methyl bromide)	µg/L	5	-	-	-	-	-	ND (10)
Carbon disulfide	µg/L	60	-	-	-	-	-	ND (10)
Carbon tetrachloride	µg/L	5	-	-	-	-	-	ND (10)
Chlorobenzene	µg/L	5	-	-	-	-	-	ND (10)
Chloroethane	µg/L	5	-	-	-	-	-	ND (10)
Chloroform (Trichloromethane)	µg/L	7	-	-	-	-	-	ND (10)
Chloromethane (Methyl chloride)	µg/L	5	-	-	-	-	-	ND (10)
cis-1,2-Dichloroethene	µg/L	5	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/L	-	-	-	-	-	-	ND (10)
Cyclohexane	µg/L	-	-	-	-	-	-	-
Dibromochloromethane	µg/L	-	-	-	-	-	-	ND (10)
Dichlorodifluoromethane (CFC-12)	µg/L	5	-	-	-	-	-	-
Ethylbenzene	µg/L	5	-	-	-	-	-	ND (10)
Isopropyl benzene	µg/L	5	-	-	-	-	-	-
m&p-Xylenes	µg/L	-	-	-	-	-	-	-
Methyl acetate	µg/L	-	-	-	-	-	-	-
Methyl cyclohexane	µg/L	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/L	-	-	-	-	-	-	-
Methylene chloride	µg/L	5	-	-	-	-	-	ND (10)
o-Xylene	µg/L	5	-	-	-	-	-	-
Styrene	µg/L	5	-	-	-	-	-	ND (10)
Tetrachloroethene	µg/L	5	-	-	-	-	-	ND (10)
Toluene	µg/L	5	-	-	-	-	-	ND (10)
trans-1,2-Dichloroethene	µg/L	5	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/L	-	-	-	-	-	-	ND (10)
Trichloroethene	µg/L	5	-	-	-	-	-	ND (10)
Trichlorofluoromethane (CFC-11)	µg/L	5	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/L	5	-	-	-	-	-	-
Vinyl chloride	µg/L	2	-	-	-	-	-	ND (10)
Xylenes (total)	µg/L	-	-	-	-	-	-	ND (10)
Semi-Volatiles								
1,2,4-Trichlorobenzene	µg/L	5	-	-	-	-	-	ND (10)
1,2-Dichlorobenzene	µg/L	3	-	-	-	-	-	ND (10)
1,3-Dichlorobenzene	µg/L	3	-	-	-	-	-	ND (10)
1,4-Dichlorobenzene	µg/L	3	-	-	-	-	-	ND (10)
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	5	-	-	-	-	-	ND (10)

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW4*	*OW4*	*OW4*	*OW4*	*OW4*	*OW4*
Sample ID:			*OW-4*	*OW-4*	*OW-4*	*OW-4*	*OW-4*	*GW-WPW-025*
Sample Date:			*4/1/1991*	*6/1/1991*	*6/1/1991*	*11/1/1991*	*12/10/1993*	*8/3/1999*
		New York			*Duplicate*			
Parameter	*Units*	*TOGs Table 1*						
2,4,5-Trichlorophenol	µg/L	-	-	-	-	-	-	ND (25)
2,4,6-Trichlorophenol	µg/L	-	-	-	-	-	-	ND (10)
2,4-Dichlorophenol	µg/L	5	-	-	-	-	-	ND (10)
2,4-Dimethylphenol	µg/L	-	-	-	-	-	-	ND (10)
2,4-Dinitrophenol	µg/L	-	-	-	-	-	-	ND (25)
2,4-Dinitrotoluene	µg/L	5	-	-	-	-	-	ND (10)
2,6-Dinitrotoluene	µg/L	5	-	-	-	-	-	ND (10)
2-Chloronaphthalene	µg/L	-	-	-	-	-	-	ND (10)
2-Chlorophenol	µg/L	-	-	-	-	-	-	ND (10)
2-Methylnaphthalene	µg/L	-	-	-	-	-	-	ND (10)
2-Methylphenol	µg/L	-	-	-	-	-	-	ND (10)
2-Nitroaniline	µg/L	5	-	-	-	-	-	ND (25)
2-Nitrophenol	µg/L	-	-	-	-	-	-	ND (10)
3,3'-Dichlorobenzidine	µg/L	5	-	-	-	-	-	ND (10)
3-Nitroaniline	µg/L	5	-	-	-	-	-	ND (25)
4,6-Dinitro-2-methylphenol	µg/L	-	-	-	-	-	-	ND (25)
4-Bromophenyl phenyl ether	µg/L	-	-	-	-	-	-	ND (10)
4-Chloro-3-methylphenol	µg/L	-	-	-	-	-	-	ND (10)
4-Chloroaniline	µg/L	5	-	-	-	-	-	ND (10)
4-Chlorophenyl phenyl ether	µg/L	-	-	-	-	-	-	ND (10)
4-Methylphenol	µg/L	-	-	-	-	-	-	ND (10)
4-Nitroaniline	µg/L	5	-	-	-	-	-	ND (25)
4-Nitrophenol	µg/L	-	-	-	-	-	-	ND (25)
Acenaphthene	µg/L	-	-	-	-	-	-	ND (10)
Acenaphthylene	µg/L	-	-	-	-	-	-	ND (10)
Acetophenone	µg/L	-	-	-	-	-	-	-
Anthracene	µg/L	-	-	-	-	-	-	ND (10)
Atrazine	µg/L	7.5	-	-	-	-	-	-
Benzaldehyde	µg/L	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/L	-	-	-	-	-	-	ND (10)
Benzo(a)pyrene	µg/L	-	-	-	-	-	-	ND (10)
Benzo(b)fluoranthene	µg/L	-	-	-	-	-	-	ND (10)
Benzo(g,h,i)perylene	µg/L	-	-	-	-	-	-	ND (10)
Benzo(k)fluoranthene	µg/L	-	-	-	-	-	-	ND (10)
Biphenyl (1,1-Biphenyl)	µg/L	5	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/L	5	-	-	-	-	-	ND (10)
bis(2-Chloroethyl)ether	µg/L	1	-	-	-	-	-	ND (10)
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	5	-	-	-	-	-	2 J
Butyl benzylphthalate (BBP)	µg/L	-	-	-	-	-	-	ND (10)
Caprolactam	µg/L	-	-	-	-	-	-	-
Carbazole	µg/L	-	-	-	-	-	-	ND (10)
Chrysene	µg/L	-	-	-	-	-	-	ND (10)
Dibenz(a,h)anthracene	µg/L	-	-	-	-	-	-	ND (10)
Dibenz(a,j)acridine	µg/L	-	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/L	-	-	-	-	-	-	-
Dibenzofuran	µg/L	-	-	-	-	-	-	ND (10)
Diethyl phthalate	µg/L	-	-	-	-	-	-	ND (10)
Dimethyl phthalate	µg/L	-	-	-	-	-	-	ND (10)
Di-n-butylphthalate (DBP)	µg/L	50	-	-	-	-	-	ND (10)
Di-n-octyl phthalate (DnOP)	µg/L	-	-	-	-	-	-	ND (10)
Fluoranthene	µg/L	-	-	-	-	-	-	ND (10)
Fluorene	µg/L	-	-	-	-	-	-	ND (10)
Hexachlorobenzene	µg/L	0.04	-	-	-	-	-	ND (10)
Hexachlorobutadiene	µg/L	0.5	-	-	-	-	-	ND (10)
Hexachlorocyclopentadiene	µg/L	5	-	-	-	-	-	ND (10)
Hexachloroethane	µg/L	5	-	-	-	-	-	ND (10)
Indeno(1,2,3-cd)pyrene	µg/L	-	-	-	-	-	-	ND (10)
Isophorone	µg/L	-	-	-	-	-	-	ND (10)
Naphthalene	µg/L	-	-	-	-	-	-	ND (10)

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW4*	*OW4*	*OW4*	*OW4*	*OW4*	*OW4*
Sample ID:			*OW-4*	*OW-4*	*OW-4*	*OW-4*	*OW-4*	*GW-WPW-025*
Sample Date:			*4/1/1991*	*6/1/1991*	*6/1/1991*	*11/1/1991*	*12/10/1993*	*8/3/1999*
		New York			*Duplicate*			
Parameter	*Units*	*TOGs Table 1*						
Nitrobenzene	µg/L	0.4	-	-	-	-	-	ND (10)
N-Nitrosodi-n-propylamine	µg/L	-	-	-	-	-	-	ND (10)
N-Nitrosodiphenylamine	µg/L	-	-	-	-	-	-	ND (10)
Pentachlorophenol	µg/L	1	-	-	-	-	-	ND (25)
Phenanthrene	µg/L	-	-	-	-	-	-	ND (10)
Phenol	µg/L	1	-	-	-	-	-	ND (10)
Pyrene	µg/L	-	-	-	-	-	-	ND (10)
Metals								
Aluminum	µg/L	-	-	-	-	-	6230/16200	1280
Aluminum (dissolved)	µg/L	-	-	-	-	-	ND (23.2)/90.5 B	ND (6.0)
Antimony	µg/L	3	-	-	-	-	**162/384**	**30.6**
Antimony (dissolved)	µg/L	3	-	-	-	-	R/ND (57.7)	**26.4**
Arsenic	µg/L	25	-	-	-	-	**3850/10000**	**910**
Arsenic (dissolved)	µg/L	25	-	-	-	-	**108/35.1**	**112**
Barium	µg/L	1000	-	-	-	-	525/226	94.1
Barium (dissolved)	µg/L	1000	-	-	-	-	39.9 B/40.9 B	57.2
Beryllium	µg/L	-	-	-	-	-	1.4 B/2.1 B	0.42
Beryllium (dissolved)	µg/L	-	-	-	-	-	ND (0.6)/ND (0.6)	ND (0.10)
Cadmium	µg/L	5	**76.7/56.4**	**17.6/11.6**	**11.2**	**10.2**	**42.3/104**	**44.3**
Cadmium (dissolved)	µg/L	5	-	**12.5/18.3**	**14.1**	**9.8**	**10.2/13.9**	**15.6**
Calcium	µg/L	-	-	-	-	-	143000/145000	113000
Calcium (dissolved)	µg/L	-	-	-	-	-	131000/123000	102000
Chromium	µg/L	50	-	-	-	-	**87.7/26.6**	18.4
Chromium Total (dissolved)	µg/L	50	-	-	-	-	ND (1.5)/ND (1.5)	ND (0.60)
Chromium VI (hexavalent)	µg/L	50	-	-	-	-	ND (0.05)/ND (0.05)	-
Chromium VI (hexavalent) (dissolved)	µg/L	50	-	-	-	-	ND (0.05)/ND (0.05)	-
Cobalt	µg/L	-	-	-	-	-	195/337	132
Cobalt (dissolved)	µg/L	-	-	-	-	-	83.8/28.2 B	103
Copper	µg/L	200	-	-	-	-	**27000/9730**	**4660**
Copper (dissolved)	µg/L	200	-	-	-	-	**319 E/303**	**203**
Iron	µg/L	300	-	-	-	-	**100000/269000**	**19200**
Iron (dissolved)	µg/L	300	-	-	-	-	**48.2 B/2340**	**716**
Lead	µg/L	25	12.9/3	**64.7/55.6**	**46.9**	**44.8**	**1420/3930**	**347**
Lead (dissolved)	µg/L	25	ND (2)/ND (2)	2.6/ND (2)	2.4	ND (2)	ND (1)/ND (1)	ND (1.0)
Magnesium	µg/L	-	-	-	-	-	18600/21700	15400
Magnesium (dissolved)	µg/L	-	-	-	-	-	16200/13400	13400
Manganese	µg/L	300	-	-	-	-	**293/462**	251
Manganese (dissolved)	µg/L	300	-	-	-	-	125/39.9	206
Mercury	µg/L	0.7	-	-	-	-	**1.3/ND (0.1)**	**1.0**
Mercury (dissolved)	µg/L	0.7	-	-	-	-	ND (0.1)/ND (0.1)	ND (0.10)
Nickel	µg/L	100	-	-	-	-	**862/1590**	**607**
Nickel (dissolved)	µg/L	100	-	-	-	-	**359 E/266**	**340**
Potassium	µg/L	-	-	-	-	-	5850/6120	6540 J
Potassium (dissolved)	µg/L	-	-	-	-	-	4220 B/4820 B	6260 J
Selenium	µg/L	10	-	-	-	-	**184/258**	4.3
Selenium (dissolved)	µg/L	10	-	-	-	-	**205/147**	ND (3.7)
Silver	µg/L	50	-	-	-	-	**104/260**	4.2
Silver (dissolved)	µg/L	50	-	-	-	-	ND (3.9)/ND (3.9)	ND (0.60)
Sodium	µg/L	20000	-	-	-	-	**12800/26300**	**23700**
Sodium (dissolved)	µg/L	20000	-	-	-	-	**10100/22300**	**22800**
Thallium	µg/L	-	-	-	-	-	ND (1)/ND (1)	4.5
Thallium (dissolved)	µg/L	-	-	-	-	-	ND (1)/ND (1)	ND (2.2)
Vanadium	µg/L	-	-	-	-	-	401/220	228
Vanadium (dissolved)	µg/L	-	-	-	-	-	29.6 BE/ND (16.3)	19.2
Zinc	µg/L	-	-	-	-	-	15100/33600	11700
Zinc (dissolved)	µg/L	-	-	-	-	-	4860/3490	5530

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW4*	*OW4*	*OW4*	*OW4*	*OW4*	*OW4*
Sample ID:			*OW-4*	*OW-4*	*OW-4*	*OW-4*	*OW-4*	*GW-WPW-025*
Sample Date:			*4/1/1991*	*6/1/1991*	*6/1/1991*	*11/1/1991*	*12/10/1993*	*8/3/1999*
					Duplicate			
Parameter	*Units*	*New York TOGs Table 1*						
PCBs								
Aroclor-1016 (PCB-1016)	µg/L	-	-	-	-	-	-	ND (1.0)
Aroclor-1221 (PCB-1221)	µg/L	-	-	-	-	-	-	ND (2.0)
Aroclor-1232 (PCB-1232)	µg/L	-	-	-	-	-	-	ND (1.0)
Aroclor-1242 (PCB-1242)	µg/L	-	-	-	-	-	-	ND (1.0)
Aroclor-1248 (PCB-1248)	µg/L	-	-	-	-	-	-	ND (1.0)
Aroclor-1254 (PCB-1254)	µg/L	-	-	-	-	-	-	ND (1.0)
Aroclor-1260 (PCB-1260)	µg/L	-	-	-	-	-	-	ND (1.0)
Total PCBs	µg/L	-	-	-	-	-	-	ND
Pesticides								
4,4'-DDD	µg/L	0.3	-	-	-	-	-	ND (0.10)
4,4'-DDE	µg/L	0.2	-	-	-	-	-	ND (0.10)
4,4'-DDT	µg/L	0.2	-	-	-	-	-	ND (0.10)
Aldrin	µg/L	-	-	-	-	-	-	ND (0.050)
alpha-BHC	µg/L	0.01	-	-	-	-	-	ND (0.050)
alpha-Chlordane	µg/L	-	-	-	-	-	-	ND (0.050)
beta-BHC	µg/L	0.04	-	-	-	-	-	ND (0.050)
delta-BHC	µg/L	0.04	-	-	-	-	-	ND (0.050)
Dieldrin	µg/L	0.004	-	-	-	-	-	ND (0.10)
Endosulfan I	µg/L	-	-	-	-	-	-	ND (0.050)
Endosulfan II	µg/L	-	-	-	-	-	-	ND (0.10)
Endosulfan sulfate	µg/L	-	-	-	-	-	-	ND (0.10)
Endrin	µg/L	-	-	-	-	-	-	ND (0.10)
Endrin aldehyde	µg/L	5	-	-	-	-	0.24	ND (0.10)
Endrin ketone	µg/L	5	-	-	-	-	-	ND (0.10)
gamma-BHC (lindane)	µg/L	0.05	-	-	-	-	-	ND (0.050)
gamma-Chlordane	µg/L	-	-	-	-	-	-	ND (0.050)
Heptachlor	µg/L	0.04	-	-	-	-	-	ND (0.050)
Heptachlor epoxide	µg/L	0.03	-	-	-	-	-	ND (0.050)
Methoxychlor	µg/L	35	-	-	-	-	-	ND (0.50)
Toxaphene	µg/L	0.06	-	-	-	-	-	ND (5.0)
General Chemistry								
Alkalinity, total (as CaCO3)	µg/L	-	-	-	-	-	-	-
Ammonia-N	µg/L	-	-	-	-	-	-	-
Biochemical oxygen demand (BOD)	µg/L	-	-	-	-	-	-	-
Biochemical oxygen demand (carbonaceous)	µg/L	-	-	-	-	-	-	-
Calcium carbonate	µg/L	-	-	-	-	-	-	-
Chemical oxygen demand (COD)	µg/L	-	-	-	-	-	-	-
Chloride	µg/L	250000	-	-	-	-	35.6/13.6	-
Conductivity	µmhos/cm	-	-	-	-	-	550/500	-
Cyanide (amenable)	µg/L	-	-	-	-	-	-	-
Cyanide (dissolved)	µg/L	-	-	-	-	-	-	ND (10.0)
Cyanide (total)	µg/L	200	-	-	-	-	ND (0.9)/ND (0.9)	ND (10.0)
Ignitability	deg C	-	-	-	-	-	-	-
Nitrate (as N)	µg/L	10000	-	-	-	-	-	-
Nitrite (as N)	µg/L	1000	-	-	-	-	-	-
Nitrite/Nitrate	µg/L	10000	-	-	-	-	-	-
Nitrogen	µg/L	-	-	-	-	-	-	-
pH	s.u.	6.5-8.5	-	-	-	-	7.06/6.41	-
pH (water)	s.u.	6.5-8.5	-	-	-	-	-	-
pH corrosivity	s.u.	-	-	-	-	-	6.8/6.9	-
Reactive cyanide	µg/L	-	-	-	-	-	ND (0.05)/ND (0.05)	-
Reactive sulfide	µg/L	-	-	-	-	-	1.04/1.2	-
Sulfate	µg/L	250000	-	-	-	-	-	-
Sulfide	µg/L	-	-	-	-	-	-	-
Total dissolved solids (TDS)	µg/L	500000	-	-	-	-	12/48	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW4*	*OW4*	*OW4*	*OW4*	*OW4*	*OW4*
Sample ID:			*OW-4*	*OW-4*	*OW-4*	*OW-4*	*OW-4*	*GW-WPW-025*
Sample Date:			*4/1/1991*	*6/1/1991*	*6/1/1991*	*11/1/1991*	*12/10/1993*	*8/3/1999*
		New York			*Duplicate*			
Parameter	*Units*	*TOGs Table 1*						
Total kjeldahl nitrogen (TKN)	µg/L	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/L	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/L	-	-	-	-	-	1.2/1.88	-
Total Petroleum Hydrocarbons - Non-Polar Material - SGT HEM	µg/L	-	-	-	-	-	-	-
Total solids	µg/L	-	-	-	-	-	-	-
Total suspended solids (TSS)	µg/L	-	-	-	-	-	-	-
Field Parameters								
Conductivity, field	mS/cm	-	-	-	-	-	-	-
Dissolved oxygen (DO), field	µg/L	-	-	-	-	-	-	-
Oxidation reduction potential (ORP), field	millivolts	-	-	-	-	-	-	-
pH, field	s.u.	6.5-8.5	-	-	-	-	-	-
Salinity	%	-	-	-	-	-	-	-
Temperature, field	deg C	-	-	-	-	-	13/11	-
Turbidity	NTU	5	-	-	-	-	-	-

Notes:

(DT) - Analytical results for total and dissolved metals were originally reversed in the original analytical data package, and have been corrected in this table.

> - Greater than amount reported.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

S - Value determined by the method of standard addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

W - Post-digestion spike out of control limits.

- - Not applicable.

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW5*	*OW5*	*OW5*	*OW5*	*OW5*	*OW5*	*OW5*
Sample ID:			*OW-5*	*OW-5*	*OW-5*	*OW-5*	*OW-5*	*OW-5*	*OW-5*
Sample Date:			*11/1/1990*	*11/1/1990*	*11/8/1990*	*11/8/1990*	*11/9/1990*	*11/10/1990*	*11/11/1990*
		New York		*Duplicate*		*Duplicate*			
Parameter	*Units*	*TOGs Table 1*							
Volatiles									
1,1,1-Trichloroethane	µg/L	5	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/L	5	-	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/L	1	-	-	-	-	-	-	-
1,1-Dichloroethane	µg/L	5	-	-	-	-	-	-	-
1,1-Dichloroethene	µg/L	5	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/L	5	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	0.04	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/L	0.0006	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/L	3	-	-	-	-	-	-	-
1,2-Dichloroethane	µg/L	0.6	-	-	-	-	-	-	-
1,2-Dichloroethene (total)	µg/L	-	-	-	-	-	-	-	-
1,2-Dichloropropane	µg/L	1	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/L	3	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/L	3	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	-	-	-	-	-	-	-	-
2-Hexanone	µg/L	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	-	-	-	-	-	-	-	-
Acetone	µg/L	-	-	-	-	-	-	-	-
Benzene	µg/L	1	-	-	-	-	-	-	-
Bromodichloromethane	µg/L	-	-	-	-	-	-	-	-
Bromoform	µg/L	-	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/L	5	-	-	-	-	-	-	-
Carbon disulfide	µg/L	60	-	-	-	-	-	-	-
Carbon tetrachloride	µg/L	5	-	-	-	-	-	-	-
Chlorobenzene	µg/L	5	-	-	-	-	-	-	-
Chloroethane	µg/L	5	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/L	7	-	-	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/L	5	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/L	5	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/L	-	-	-	-	-	-	-	-
Cyclohexane	µg/L	-	-	-	-	-	-	-	-
Dibromochloromethane	µg/L	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/L	5	-	-	-	-	-	-	-
Ethylbenzene	µg/L	5	-	-	-	-	-	-	-
Isopropyl benzene	µg/L	5	-	-	-	-	-	-	-
m&p-Xylenes	µg/L	-	-	-	-	-	-	-	-
Methyl acetate	µg/L	-	-	-	-	-	-	-	-
Methyl cyclohexane	µg/L	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/L	-	-	-	-	-	-	-	-
Methylene chloride	µg/L	5	-	-	-	-	-	-	-
o-Xylene	µg/L	5	-	-	-	-	-	-	-
Styrene	µg/L	5	-	-	-	-	-	-	-
Tetrachloroethene	µg/L	5	-	-	-	-	-	-	-
Toluene	µg/L	5	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	µg/L	5	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/L	-	-	-	-	-	-	-	-
Trichloroethene	µg/L	5	-	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/L	5	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/L	5	-	-	-	-	-	-	-
Vinyl chloride	µg/L	2	-	-	-	-	-	-	-
Xylenes (total)	µg/L	-	-	-	-	-	-	-	-
Semi-Volatiles									
1,2,4-Trichlorobenzene	µg/L	5	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/L	3	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/L	3	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/L	3	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	5	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW5*	*OW5*	*OW5*	*OW5*	*OW5*	*OW5*	*OW5*
Sample ID:			*OW-5*	*OW-5*	*OW-5*	*OW-5*	*OW-5*	*OW-5*	*OW-5*
Sample Date:			*11/1/1990*	*11/1/1990*	*11/8/1990*	*11/8/1990*	*11/9/1990*	*11/10/1990*	*11/11/1990*
		New York		*Duplicate*		*Duplicate*			
Parameter	*Units*	*TOGs Table 1*							
2,4,5-Trichlorophenol	µg/L	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/L	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/L	5	-	-	-	-	-	-	-
2,4-Dimethylphenol	µg/L	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/L	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/L	5	-	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/L	5	-	-	-	-	-	-	-
2-Chloronaphthalene	µg/L	-	-	-	-	-	-	-	-
2-Chlorophenol	µg/L	-	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/L	-	-	-	-	-	-	-	-
2-Methylphenol	µg/L	-	-	-	-	-	-	-	-
2-Nitroaniline	µg/L	5	-	-	-	-	-	-	-
2-Nitrophenol	µg/L	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/L	5	-	-	-	-	-	-	-
3-Nitroaniline	µg/L	5	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/L	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/L	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/L	-	-	-	-	-	-	-	-
4-Chloroaniline	µg/L	5	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/L	-	-	-	-	-	-	-	-
4-Methylphenol	µg/L	-	-	-	-	-	-	-	-
4-Nitroaniline	µg/L	5	-	-	-	-	-	-	-
4-Nitrophenol	µg/L	-	-	-	-	-	-	-	-
Acenaphthene	µg/L	-	-	-	-	-	-	-	-
Acenaphthylene	µg/L	-	-	-	-	-	-	-	-
Acetophenone	µg/L	-	-	-	-	-	-	-	-
Anthracene	µg/L	-	-	-	-	-	-	-	-
Atrazine	µg/L	7.5	-	-	-	-	-	-	-
Benzaldehyde	µg/L	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/L	-	-	-	-	-	-	-	-
Benzo(a)pyrene	µg/L	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/L	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/L	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/L	-	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/L	5	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/L	5	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/L	1	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	5	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/L	-	-	-	-	-	-	-	-
Caprolactam	µg/L	-	-	-	-	-	-	-	-
Carbazole	µg/L	-	-	-	-	-	-	-	-
Chrysene	µg/L	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/L	-	-	-	-	-	-	-	-
Dibenz(a,j)acridine	µg/L	-	-	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/L	-	-	-	-	-	-	-	-
Dibenzofuran	µg/L	-	-	-	-	-	-	-	-
Diethyl phthalate	µg/L	-	-	-	-	-	-	-	-
Dimethyl phthalate	µg/L	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/L	50	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/L	-	-	-	-	-	-	-	-
Fluoranthene	µg/L	-	-	-	-	-	-	-	-
Fluorene	µg/L	-	-	-	-	-	-	-	-
Hexachlorobenzene	µg/L	0.04	-	-	-	-	-	-	-
Hexachlorobutadiene	µg/L	0.5	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/L	5	-	-	-	-	-	-	-
Hexachloroethane	µg/L	5	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/L	-	-	-	-	-	-	-	-
Isophorone	µg/L	-	-	-	-	-	-	-	-
Naphthalene	µg/L	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW5*	*OW5*	*OW5*	*OW5*	*OW5*	*OW5*	*OW5*
Sample ID:			*OW-5*	*OW-5*	*OW-5*	*OW-5*	*OW-5*	*OW-5*	*OW-5*
Sample Date:			*11/1/1990*	*11/1/1990*	*11/8/1990*	*11/8/1990*	*11/9/1990*	*11/10/1990*	*11/11/1990*
		New York		*Duplicate*		*Duplicate*			
Parameter	*Units*	*TOGs Table 1*							
Nitrobenzene	µg/L	0.4	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/L	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/L	-	-	-	-	-	-	-	-
Pentachlorophenol	µg/L	1	-	-	-	-	-	-	-
Phenanthrene	µg/L	-	-	-	-	-	-	-	-
Phenol	µg/L	1	-	-	-	-	-	-	-
Pyrene	µg/L	-	-	-	-	-	-	-	-
Metals									
Aluminum	µg/L	-	-	-	-	-	-	-	-
Aluminum (dissolved)	µg/L	-	-	-	-	-	-	-	-
Antimony	µg/L	3	-	-	-	-	-	-	-
Antimony (dissolved)	µg/L	3	-	-	-	-	-	-	-
Arsenic	µg/L	25	-	-	-	-	-	-	-
Arsenic (dissolved)	µg/L	25	-	-	-	-	-	-	-
Barium	µg/L	1000	-	-	-	-	-	-	-
Barium (dissolved)	µg/L	1000	-	-	-	-	-	-	-
Beryllium	µg/L	-	-	-	-	-	-	-	-
Beryllium (dissolved)	µg/L	-	-	-	-	-	-	-	-
Cadmium	µg/L	5	**1010/600**	**190**	-	-	-	-	-
Cadmium (dissolved)	µg/L	5	**70/100**	**7.7**	-	-	-	-	-
Calcium	µg/L	-	-	-	-	-	-	-	-
Calcium (dissolved)	µg/L	-	-	-	-	-	-	-	-
Chromium	µg/L	50	-	-	-	-	-	-	-
Chromium Total (dissolved)	µg/L	50	-	-	-	-	-	-	-
Chromium VI (hexavalent)	µg/L	50	-	-	-	-	-	-	-
Chromium VI (hexavalent) (dissolved)	µg/L	50	-	-	-	-	-	-	-
Cobalt	µg/L	-	-	-	-	-	-	-	-
Cobalt (dissolved)	µg/L	-	-	-	-	-	-	-	-
Copper	µg/L	200	-	-	-	-	-	-	-
Copper (dissolved)	µg/L	200	-	-	-	-	-	-	-
Iron	µg/L	300	-	-	-	-	-	-	-
Iron (dissolved)	µg/L	300	-	-	-	-	-	-	-
Lead	µg/L	25	**6000/3100**	**460**	-	-	-	-	-
Lead (dissolved)	µg/L	25	ND (2)/ND (2)	ND (2)	-	-	-	-	-
Magnesium	µg/L	-	-	-	-	-	-	-	-
Magnesium (dissolved)	µg/L	-	-	-	-	-	-	-	-
Manganese	µg/L	300	-	-	-	-	-	-	-
Manganese (dissolved)	µg/L	300	-	-	-	-	-	-	-
Mercury	µg/L	0.7	-	-	-	-	-	-	-
Mercury (dissolved)	µg/L	0.7	-	-	-	-	-	-	-
Nickel	µg/L	100	-	-	-	-	-	-	-
Nickel (dissolved)	µg/L	100	-	-	-	-	-	-	-
Potassium	µg/L	-	-	-	-	-	-	-	-
Potassium (dissolved)	µg/L	-	-	-	-	-	-	-	-
Selenium	µg/L	10	-	-	-	-	-	-	-
Selenium (dissolved)	µg/L	10	-	-	-	-	-	-	-
Silver	µg/L	50	-	-	-	-	-	-	-
Silver (dissolved)	µg/L	50	-	-	-	-	-	-	-
Sodium	µg/L	20000	-	-	-	-	-	-	-
Sodium (dissolved)	µg/L	20000	-	-	-	-	-	-	-
Thallium	µg/L	-	-	-	-	-	-	-	-
Thallium (dissolved)	µg/L	-	-	-	-	-	-	-	-
Vanadium	µg/L	-	-	-	-	-	-	-	-
Vanadium (dissolved)	µg/L	-	-	-	-	-	-	-	-
Zinc	µg/L	-	-	-	-	-	-	-	-
Zinc (dissolved)	µg/L	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW5*	*OW5*	*OW5*	*OW5*	*OW5*	*OW5*	*OW5*
Sample ID:			*OW-5*	*OW-5*	*OW-5*	*OW-5*	*OW-5*	*OW-5*	*OW-5*
Sample Date:			*11/1/1990*	*11/1/1990*	*11/8/1990*	*11/8/1990*	*11/9/1990*	*11/10/1990*	*11/11/1990*
		New York		*Duplicate*		*Duplicate*			
Parameter	*Units*	*TOGs Table 1*							
PCBs									
Aroclor-1016 (PCB-1016)	µg/L	-	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	µg/L	-	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	µg/L	-	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	µg/L	-	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	µg/L	-	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	µg/L	-	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	µg/L	-	-	-	-	-	-	-	-
Total PCBs	µg/L	-	-	-	-	-	-	-	-
Pesticides									
4,4'-DDD	µg/L	0.3	-	-	-	-	-	-	-
4,4'-DDE	µg/L	0.2	-	-	-	-	-	-	-
4,4'-DDT	µg/L	0.2	-	-	-	-	-	-	-
Aldrin	µg/L	-	-	-	-	-	-	-	-
alpha-BHC	µg/L	0.01	-	-	-	-	-	-	-
alpha-Chlordane	µg/L	-	-	-	-	-	-	-	-
beta-BHC	µg/L	0.04	-	-	-	-	-	-	-
delta-BHC	µg/L	0.04	-	-	-	-	-	-	-
Dieldrin	µg/L	0.004	-	-	-	-	-	-	-
Endosulfan I	µg/L	-	-	-	-	-	-	-	-
Endosulfan II	µg/L	-	-	-	-	-	-	-	-
Endosulfan sulfate	µg/L	-	-	-	-	-	-	-	-
Endrin	µg/L	-	-	-	-	-	-	-	-
Endrin aldehyde	µg/L	5	-	-	-	-	-	-	-
Endrin ketone	µg/L	5	-	-	-	-	-	-	-
gamma-BHC (lindane)	µg/L	0.05	-	-	-	-	-	-	-
gamma-Chlordane	µg/L	-	-	-	-	-	-	-	-
Heptachlor	µg/L	0.04	-	-	-	-	-	-	-
Heptachlor epoxide	µg/L	0.03	-	-	-	-	-	-	-
Methoxychlor	µg/L	35	-	-	-	-	-	-	-
Toxaphene	µg/L	0.06	-	-	-	-	-	-	-
General Chemistry									
Alkalinity, total (as CaCO3)	µg/L	-	-	-	-	-	-	-	-
Ammonia-N	µg/L	-	-	-	-	-	-	-	-
Biochemical oxygen demand (BOD)	µg/L	-	-	-	-	-	-	-	-
Biochemical oxygen demand (carbonaceous)	µg/L	-	-	-	-	-	-	-	-
Calcium carbonate	µg/L	-	-	-	-	-	-	-	-
Chemical oxygen demand (COD)	µg/L	-	-	-	-	-	-	-	-
Chloride	µg/L	250000	-	-	46/32	41	38.2/39	35.3/41	32/39
Conductivity	µmhos/cm	-	-	-	-	-	-	-	-
Cyanide (amenable)	µg/L	-	-	-	-	-	-	-	-
Cyanide (dissolved)	µg/L	-	-	-	-	-	-	-	-
Cyanide (total)	µg/L	200	-	-	-	-	-	-	-
Ignitability	deg C	-	-	-	-	-	-	-	-
Nitrate (as N)	µg/L	10000	-	-	-	-	-	-	-
Nitrite (as N)	µg/L	1000	-	-	-	-	-	-	-
Nitrite/Nitrate	µg/L	10000	-	-	-	-	-	-	-
Nitrogen	µg/L	-	-	-	-	-	-	-	-
pH	s.u.	6.5-8.5	-	-	-	-	-	-	-
pH (water)	s.u.	6.5-8.5	-	-	-	-	-	-	-
pH corrosivity	s.u.	-	-	-	-	-	-	-	-
Reactive cyanide	µg/L	-	-	-	-	-	-	-	-
Reactive sulfide	µg/L	-	-	-	-	-	-	-	-
Sulfate	µg/L	250000	-	-	650000/650000	580000	770000/330000	-	-
Sulfide	µg/L	-	-	-	-	-	-	-	-
Total dissolved solids (TDS)	µg/L	500000	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW5*	*OW5*	*OW5*	*OW5*	*OW5*	*OW5*	*OW5*
Sample ID:			*OW-5*	*OW-5*	*OW-5*	*OW-5*	*OW-5*	*OW-5*	*OW-5*
Sample Date:			*11/1/1990*	*11/1/1990*	*11/8/1990*	*11/8/1990*	*11/9/1990*	*11/10/1990*	*11/11/1990*
		New York		*Duplicate*		*Duplicate*			
Parameter	*Units*	*TOGs Table 1*							
Total kjeldahl nitrogen (TKN)	µg/L	-	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/L	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/L	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Non-Polar Material - SGT HEM	µg/L	-	-	-	-	-	-	-	-
Total solids	µg/L	-	-	-	-	-	-	-	-
Total suspended solids (TSS)	µg/L	-	-	-	-	-	-	-	-
Field Parameters									
Conductivity, field	mS/cm	-	-	-	-	-	-	-	-
Dissolved oxygen (DO), field	µg/L	-	-	-	-	-	-	-	-
Oxidation reduction potential (ORP), field	millivolts	-	-	-	-	-	-	-	-
pH, field	s.u.	6.5-8.5	-	-	-	-	-	-	-
Salinity	%	-	-	-	-	-	-	-	-
Temperature, field	deg C	-	-	-	-	-	-	-	-
Turbidity	NTU	5	-	-	-	-	-	-	-

Notes:

(DT) - Analytical results for total and dissolved metals were originally reversed in the original analytical data package, and have been corrected in this table.

> - Greater than amount reported.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

S - Value determined by the method of standard addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

W - Post-digestion spike out of control limits.

- - Not applicable.

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW5*	*OW5*	*OW5*	*OW5*	*OW5*	*OW5*	*OW5*	*OW5*
Sample ID:			*OW-5*	*OW-5*	*OW-5*	*OW-5*	*OW-5*	*OW-5*	*OW-5*	*OW-5*
Sample Date:			*11/12/1990*	*11/13/1990*	*11/14/1990*	*1/1/1991*	*1/1/1991*	*4/1/1991*	*6/1/1991*	*6/1/1991*
							Duplicate			*Duplicate*
Parameter	*Units*	*New York TOGs Table 1*								
Volatiles										
1,1,1-Trichloroethane	µg/L	5	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/L	5	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/L	1	-	-	-	-	-	-	-	-
1,1-Dichloroethane	µg/L	5	-	-	-	-	-	-	-	-
1,1-Dichloroethene	µg/L	5	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/L	5	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	0.04	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/L	0.0006	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/L	3	-	-	-	-	-	-	-	-
1,2-Dichloroethane	µg/L	0.6	-	-	-	-	-	-	-	-
1,2-Dichloroethene (total)	µg/L	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	µg/L	1	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/L	3	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/L	3	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	-	-	-	-	-	-	-	-	-
2-Hexanone	µg/L	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	-	-	-	-	-	-	-	-	-
Acetone	µg/L	-	-	-	-	-	-	-	-	-
Benzene	µg/L	1	-	-	-	-	-	-	-	-
Bromodichloromethane	µg/L	-	-	-	-	-	-	-	-	-
Bromoform	µg/L	-	-	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/L	5	-	-	-	-	-	-	-	-
Carbon disulfide	µg/L	60	-	-	-	-	-	-	-	-
Carbon tetrachloride	µg/L	5	-	-	-	-	-	-	-	-
Chlorobenzene	µg/L	5	-	-	-	-	-	-	-	-
Chloroethane	µg/L	5	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/L	7	-	-	-	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/L	5	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/L	5	-	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/L	-	-	-	-	-	-	-	-	-
Cyclohexane	µg/L	-	-	-	-	-	-	-	-	-
Dibromochloromethane	µg/L	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/L	5	-	-	-	-	-	-	-	-
Ethylbenzene	µg/L	5	-	-	-	-	-	-	-	-
Isopropyl benzene	µg/L	5	-	-	-	-	-	-	-	-
m&p-Xylenes	µg/L	-	-	-	-	-	-	-	-	-
Methyl acetate	µg/L	-	-	-	-	-	-	-	-	-
Methyl cyclohexane	µg/L	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/L	-	-	-	-	-	-	-	-	-
Methylene chloride	µg/L	5	-	-	-	-	-	-	-	-
o-Xylene	µg/L	5	-	-	-	-	-	-	-	-
Styrene	µg/L	5	-	-	-	-	-	-	-	-
Tetrachloroethene	µg/L	5	-	-	-	-	-	-	-	-
Toluene	µg/L	5	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	µg/L	5	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/L	-	-	-	-	-	-	-	-	-
Trichloroethene	µg/L	5	-	-	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/L	5	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/L	5	-	-	-	-	-	-	-	-
Vinyl chloride	µg/L	2	-	-	-	-	-	-	-	-
Xylenes (total)	µg/L	-	-	-	-	-	-	-	-	-
Semi-Volatiles										
1,2,4-Trichlorobenzene	µg/L	5	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/L	3	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/L	3	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/L	3	-	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	5	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW5*	*OW5*	*OW5*	*OW5*	*OW5*	*OW5*	*OW5*	*OW5*
Sample ID:			*OW-5*	*OW-5*	*OW-5*	*OW-5*	*OW-5*	*OW-5*	*OW-5*	*OW-5*
Sample Date:			*11/12/1990*	*11/13/1990*	*11/14/1990*	*1/1/1991*	*1/1/1991*	*4/1/1991*	*6/1/1991*	*6/1/1991*
		New York					*Duplicate*			*Duplicate*
Parameter	*Units*	*TOGs Table 1*								
2,4,5-Trichlorophenol	µg/L	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/L	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/L	5	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	µg/L	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/L	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/L	5	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/L	5	-	-	-	-	-	-	-	-
2-Chloronaphthalene	µg/L	-	-	-	-	-	-	-	-	-
2-Chlorophenol	µg/L	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/L	-	-	-	-	-	-	-	-	-
2-Methylphenol	µg/L	-	-	-	-	-	-	-	-	-
2-Nitroaniline	µg/L	5	-	-	-	-	-	-	-	-
2-Nitrophenol	µg/L	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/L	5	-	-	-	-	-	-	-	-
3-Nitroaniline	µg/L	5	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/L	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/L	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/L	-	-	-	-	-	-	-	-	-
4-Chloroaniline	µg/L	5	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/L	-	-	-	-	-	-	-	-	-
4-Methylphenol	µg/L	-	-	-	-	-	-	-	-	-
4-Nitroaniline	µg/L	5	-	-	-	-	-	-	-	-
4-Nitrophenol	µg/L	-	-	-	-	-	-	-	-	-
Acenaphthene	µg/L	-	-	-	-	-	-	-	-	-
Acenaphthylene	µg/L	-	-	-	-	-	-	-	-	-
Acetophenone	µg/L	-	-	-	-	-	-	-	-	-
Anthracene	µg/L	-	-	-	-	-	-	-	-	-
Atrazine	µg/L	7.5	-	-	-	-	-	-	-	-
Benzaldehyde	µg/L	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/L	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	µg/L	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/L	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/L	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/L	-	-	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/L	5	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/L	5	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/L	1	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	5	-	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/L	-	-	-	-	-	-	-	-	-
Caprolactam	µg/L	-	-	-	-	-	-	-	-	-
Carbazole	µg/L	-	-	-	-	-	-	-	-	-
Chrysene	µg/L	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/L	-	-	-	-	-	-	-	-	-
Dibenz(a,j)acridine	µg/L	-	-	-	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/L	-	-	-	-	-	-	-	-	-
Dibenzofuran	µg/L	-	-	-	-	-	-	-	-	-
Diethyl phthalate	µg/L	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	µg/L	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/L	50	-	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/L	-	-	-	-	-	-	-	-	-
Fluoranthene	µg/L	-	-	-	-	-	-	-	-	-
Fluorene	µg/L	-	-	-	-	-	-	-	-	-
Hexachlorobenzene	µg/L	0.04	-	-	-	-	-	-	-	-
Hexachlorobutadiene	µg/L	0.5	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/L	5	-	-	-	-	-	-	-	-
Hexachloroethane	µg/L	5	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/L	-	-	-	-	-	-	-	-	-
Isophorone	µg/L	-	-	-	-	-	-	-	-	-
Naphthalene	µg/L	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW5*	*OW5*	*OW5*	*OW5*	*OW5*	*OW5*	*OW5*	*OW5*
Sample ID:			*OW-5*	*OW-5*	*OW-5*	*OW-5*	*OW-5*	*OW-5*	*OW-5*	*OW-5*
Sample Date:			*11/12/1990*	*11/13/1990*	*11/14/1990*	*1/1/1991*	*1/1/1991*	*4/1/1991*	*6/1/1991*	*6/1/1991*
							Duplicate			*Duplicate*
Parameter	*Units*	*New York TOGs Table 1*								
Nitrobenzene	µg/L	0.4	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/L	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/L	-	-	-	-	-	-	-	-	-
Pentachlorophenol	µg/L	1	-	-	-	-	-	-	-	-
Phenanthrene	µg/L	-	-	-	-	-	-	-	-	-
Phenol	µg/L	1	-	-	-	-	-	-	-	-
Pyrene	µg/L	-	-	-	-	-	-	-	-	-
Metals										
Aluminum	µg/L	-	-	-	-	-	-	-	-	-
Aluminum (dissolved)	µg/L	-	-	-	-	-	-	-	-	-
Antimony	µg/L	3	-	-	-	-	-	-	-	-
Antimony (dissolved)	µg/L	3	-	-	-	-	-	-	-	-
Arsenic	µg/L	25	-	-	-	-	-	-	-	-
Arsenic (dissolved)	µg/L	25	-	-	-	-	-	-	-	-
Barium	µg/L	1000	-	-	-	-	-	-	-	-
Barium (dissolved)	µg/L	1000	-	-	-	-	-	-	-	-
Beryllium	µg/L	-	-	-	-	-	-	-	-	-
Beryllium (dissolved)	µg/L	-	-	-	-	-	-	-	-	-
Cadmium	µg/L	5	-	-	-	**1100/1170**	**600**	**34.9/1240**	**360 J/328**	**320**
Cadmium (dissolved)	µg/L	5	-	-	-	**151/329**	**7.5**	-	**416 J/328**	**334**
Calcium	µg/L	-	-	-	-	-	-	-	-	-
Calcium (dissolved)	µg/L	-	-	-	-	-	-	-	-	-
Chromium	µg/L	50	-	-	-	-	-	-	-	-
Chromium Total (dissolved)	µg/L	50	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	µg/L	50	-	-	-	-	-	-	-	-
Chromium VI (hexavalent) (dissolved)	µg/L	50	-	-	-	-	-	-	-	-
Cobalt	µg/L	-	-	-	-	-	-	-	-	-
Cobalt (dissolved)	µg/L	-	-	-	-	-	-	-	-	-
Copper	µg/L	200	-	-	-	-	-	-	-	-
Copper (dissolved)	µg/L	200	-	-	-	-	-	-	-	-
Iron	µg/L	300	-	-	-	-	-	-	-	-
Iron (dissolved)	µg/L	300	-	-	-	-	-	-	-	-
Lead	µg/L	25	-	-	-	**1590/200**	**133**	7.7/6.8	**661/65.1**	**67.1**
Lead (dissolved)	µg/L	25	-	-	-	ND (2)/ND (2)	ND (2)	5.3/6.8	**29.7/47.6**	**38.9**
Magnesium	µg/L	-	-	-	-	-	-	-	-	-
Magnesium (dissolved)	µg/L	-	-	-	-	-	-	-	-	-
Manganese	µg/L	300	-	-	-	-	-	-	-	-
Manganese (dissolved)	µg/L	300	-	-	-	-	-	-	-	-
Mercury	µg/L	0.7	-	-	-	-	-	-	-	-
Mercury (dissolved)	µg/L	0.7	-	-	-	-	-	-	-	-
Nickel	µg/L	100	-	-	-	-	-	-	-	-
Nickel (dissolved)	µg/L	100	-	-	-	-	-	-	-	-
Potassium	µg/L	-	-	-	-	-	-	-	-	-
Potassium (dissolved)	µg/L	-	-	-	-	-	-	-	-	-
Selenium	µg/L	10	-	-	-	-	-	-	-	-
Selenium (dissolved)	µg/L	10	-	-	-	-	-	-	-	-
Silver	µg/L	50	-	-	-	-	-	-	-	-
Silver (dissolved)	µg/L	50	-	-	-	-	-	-	-	-
Sodium	µg/L	20000	-	-	-	-	-	-	-	-
Sodium (dissolved)	µg/L	20000	-	-	-	-	-	-	-	-
Thallium	µg/L	-	-	-	-	-	-	-	-	-
Thallium (dissolved)	µg/L	-	-	-	-	-	-	-	-	-
Vanadium	µg/L	-	-	-	-	-	-	-	-	-
Vanadium (dissolved)	µg/L	-	-	-	-	-	-	-	-	-
Zinc	µg/L	-	-	-	-	-	-	-	-	-
Zinc (dissolved)	µg/L	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW5*	*OW5*	*OW5*	*OW5*	*OW5*	*OW5*	*OW5*	*OW5*
Sample ID:			*OW-5*	*OW-5*	*OW-5*	*OW-5*	*OW-5*	*OW-5*	*OW-5*	*OW-5*
Sample Date:			*11/12/1990*	*11/13/1990*	*11/14/1990*	*1/1/1991*	*1/1/1991*	*4/1/1991*	*6/1/1991*	*6/1/1991*
		New York					*Duplicate*			*Duplicate*
Parameter	*Units*	*TOGs Table 1*								
PCBs										
Aroclor-1016 (PCB-1016)	µg/L	-	-	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	µg/L	-	-	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	µg/L	-	-	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	µg/L	-	-	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	µg/L	-	-	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	µg/L	-	-	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	µg/L	-	-	-	-	-	-	-	-	-
Total PCBs	µg/L	-	-	-	-	-	-	-	-	-
Pesticides										
4,4'-DDD	µg/L	0.3	-	-	-	-	-	-	-	-
4,4'-DDE	µg/L	0.2	-	-	-	-	-	-	-	-
4,4'-DDT	µg/L	0.2	-	-	-	-	-	-	-	-
Aldrin	µg/L	-	-	-	-	-	-	-	-	-
alpha-BHC	µg/L	0.01	-	-	-	-	-	-	-	-
alpha-Chlordane	µg/L	-	-	-	-	-	-	-	-	-
beta-BHC	µg/L	0.04	-	-	-	-	-	-	-	-
delta-BHC	µg/L	0.04	-	-	-	-	-	-	-	-
Dieldrin	µg/L	0.004	-	-	-	-	-	-	-	-
Endosulfan I	µg/L	-	-	-	-	-	-	-	-	-
Endosulfan II	µg/L	-	-	-	-	-	-	-	-	-
Endosulfan sulfate	µg/L	-	-	-	-	-	-	-	-	-
Endrin	µg/L	-	-	-	-	-	-	-	-	-
Endrin aldehyde	µg/L	5	-	-	-	-	-	-	-	-
Endrin ketone	µg/L	5	-	-	-	-	-	-	-	-
gamma-BHC (lindane)	µg/L	0.05	-	-	-	-	-	-	-	-
gamma-Chlordane	µg/L	-	-	-	-	-	-	-	-	-
Heptachlor	µg/L	0.04	-	-	-	-	-	-	-	-
Heptachlor epoxide	µg/L	0.03	-	-	-	-	-	-	-	-
Methoxychlor	µg/L	35	-	-	-	-	-	-	-	-
Toxaphene	µg/L	0.06	-	-	-	-	-	-	-	-
General Chemistry										
Alkalinity, total (as CaCO3)	µg/L	-	-	-	-	-	-	-	-	-
Ammonia-N	µg/L	-	-	-	-	-	-	-	-	-
Biochemical oxygen demand (BOD)	µg/L	-	-	-	-	-	-	-	-	-
Biochemical oxygen demand (carbonaceous)	µg/L	-	-	-	-	-	-	-	-	-
Calcium carbonate	µg/L	-	-	-	-	-	-	-	-	-
Chemical oxygen demand (COD)	µg/L	-	-	-	-	-	-	-	-	-
Chloride	µg/L	250000	35/36	35/35	37/36	-	-	-	-	-
Conductivity	µmhos/cm	-	-	-	-	-	-	-	-	-
Cyanide (amenable)	µg/L	-	-	-	-	-	-	-	-	-
Cyanide (dissolved)	µg/L	-	-	-	-	-	-	-	-	-
Cyanide (total)	µg/L	200	-	-	-	-	-	-	-	-
Ignitability	deg C	-	-	-	-	-	-	-	-	-
Nitrate (as N)	µg/L	10000	-	-	-	-	-	-	-	-
Nitrite (as N)	µg/L	1000	-	-	-	-	-	-	-	-
Nitrite/Nitrate	µg/L	10000	-	-	-	-	-	-	-	-
Nitrogen	µg/L	-	-	-	-	-	-	-	-	-
pH	s.u.	6.5-8.5	-	-	-	-	-	-	-	-
pH (water)	s.u.	6.5-8.5	-	-	-	-	-	-	-	-
pH corrosivity	s.u.	-	-	-	-	-	-	-	-	-
Reactive cyanide	µg/L	-	-	-	-	-	-	-	-	-
Reactive sulfide	µg/L	-	-	-	-	-	-	-	-	-
Sulfate	µg/L	250000	-	-	-	-	-	-	-	-
Sulfide	µg/L	-	-	-	-	-	-	-	-	-
Total dissolved solids (TDS)	µg/L	500000	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW5*	*OW5*	*OW5*	*OW5*	*OW5*	*OW5*	*OW5*	*OW5*
Sample ID:			*OW-5*	*OW-5*	*OW-5*	*OW-5*	*OW-5*	*OW-5*	*OW-5*	*OW-5*
Sample Date:			*11/12/1990*	*11/13/1990*	*11/14/1990*	*1/1/1991*	*1/1/1991*	*4/1/1991*	*6/1/1991*	*6/1/1991*
		New York					*Duplicate*			*Duplicate*
Parameter	*Units*	*TOGs Table 1*								
Total kjeldahl nitrogen (TKN)	µg/L	-	-	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/L	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/L	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Non-Polar Material - SGT HEM	µg/L	-	-	-	-	-	-	-	-	-
Total solids	µg/L	-	-	-	-	-	-	-	-	-
Total suspended solids (TSS)	µg/L	-	-	-	-	-	-	-	-	-
Field Parameters										
Conductivity, field	mS/cm	-	-	-	-	-	-	-	-	-
Dissolved oxygen (DO), field	µg/L	-	-	-	-	-	-	-	-	-
Oxidation reduction potential (ORP), field	millivolts	-	-	-	-	-	-	-	-	-
pH, field	s.u.	6.5-8.5	-	-	-	-	-	-	-	-
Salinity	%	-	-	-	-	-	-	-	-	-
Temperature, field	deg C	-	-	-	-	-	-	-	-	-
Turbidity	NTU	5	-	-	-	-	-	-	-	-

Notes:

(DT) - Analytical results for total and dissolved metals were originally reversed in the original analytical data package, and have been corrected in this table.

> - Greater than amount reported.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

S - Value determined by the method of standard addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

W - Post-digestion spike out of control limits.

- - Not applicable.

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW5*	*OW5*	*OW5*	*OW6*	*OW6*
Sample ID:			*OW-5*	*OW-5*	*GW-WPW-020*	*OW-6*	*OW-6*
Sample Date:			*11/1/1991*	*12/10/1993*	*8/3/1999*	*11/1/1990*	*11/8/1990*
Parameter	*Units*	*New York TOGs Table 1*					
Volatiles							
1,1,1-Trichloroethane	µg/L	5	-	-	ND (10)	-	-
1,1,2,2-Tetrachloroethane	µg/L	5	-	-	ND (10)	-	-
1,1,2-Trichloroethane	µg/L	1	-	-	ND (10)	-	-
1,1-Dichloroethane	µg/L	5	-	-	ND (10)	-	-
1,1-Dichloroethene	µg/L	5	-	-	ND (10)	-	-
1,2,4-Trichlorobenzene	µg/L	5	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	0.04	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/L	0.0006	-	-	-	-	-
1,2-Dichlorobenzene	µg/L	3	-	-	-	-	-
1,2-Dichloroethane	µg/L	0.6	-	-	ND (10)	-	-
1,2-Dichloroethene (total)	µg/L	-	-	-	ND (10)	-	-
1,2-Dichloropropane	µg/L	1	-	-	ND (10)	-	-
1,3-Dichlorobenzene	µg/L	3	-	-	-	-	-
1,4-Dichlorobenzene	µg/L	3	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	-	-	-	ND (10)	-	-
2-Hexanone	µg/L	-	-	-	ND (10)	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	-	-	-	ND (10)	-	-
Acetone	µg/L	-	-	-	ND (10)	-	-
Benzene	µg/L	1	-	-	ND (10)	-	-
Bromodichloromethane	µg/L	-	-	-	ND (10)	-	-
Bromoform	µg/L	-	-	-	ND (10)	-	-
Bromomethane (Methyl bromide)	µg/L	5	-	-	ND (10)	-	-
Carbon disulfide	µg/L	60	-	-	ND (10)	-	-
Carbon tetrachloride	µg/L	5	-	-	ND (10)	-	-
Chlorobenzene	µg/L	5	-	-	ND (10)	-	-
Chloroethane	µg/L	5	-	-	ND (10)	-	-
Chloroform (Trichloromethane)	µg/L	7	-	-	ND (10)	-	-
Chloromethane (Methyl chloride)	µg/L	5	-	-	ND (10)	-	-
cis-1,2-Dichloroethene	µg/L	5	-	-	-	-	-
cis-1,3-Dichloropropene	µg/L	-	-	-	ND (10)	-	-
Cyclohexane	µg/L	-	-	-	-	-	-
Dibromochloromethane	µg/L	-	-	-	ND (10)	-	-
Dichlorodifluoromethane (CFC-12)	µg/L	5	-	-	-	-	-
Ethylbenzene	µg/L	5	-	-	ND (10)	-	-
Isopropyl benzene	µg/L	5	-	-	-	-	-
m&p-Xylenes	µg/L	-	-	-	-	-	-
Methyl acetate	µg/L	-	-	-	-	-	-
Methyl cyclohexane	µg/L	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/L	-	-	-	-	-	-
Methylene chloride	µg/L	5	-	-	ND (10)	-	-
o-Xylene	µg/L	5	-	-	-	-	-
Styrene	µg/L	5	-	-	ND (10)	-	-
Tetrachloroethene	µg/L	5	-	-	ND (10)	-	-
Toluene	µg/L	5	-	-	ND (10)	-	-
trans-1,2-Dichloroethene	µg/L	5	-	-	-	-	-
trans-1,3-Dichloropropene	µg/L	-	-	-	ND (10)	-	-
Trichloroethene	µg/L	5	-	-	ND (10)	-	-
Trichlorofluoromethane (CFC-11)	µg/L	5	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/L	5	-	-	-	-	-
Vinyl chloride	µg/L	2	-	-	ND (10)	-	-
Xylenes (total)	µg/L	-	-	-	ND (10)	-	-
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/L	5	-	-	ND (10)	-	-
1,2-Dichlorobenzene	µg/L	3	-	-	ND (10)	-	-
1,3-Dichlorobenzene	µg/L	3	-	-	ND (10)	-	-
1,4-Dichlorobenzene	µg/L	3	-	-	ND (10)	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	5	-	-	ND (10)	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW5*	*OW5*	*OW5*	*OW6*	*OW6*
Sample ID:			*OW-5*	*OW-5*	*GW-WPW-020*	*OW-6*	*OW-6*
Sample Date:			*11/1/1991*	*12/10/1993*	*8/3/1999*	*11/1/1990*	*11/8/1990*
Parameter	*Units*	*New York TOGs Table 1*					
2,4,5-Trichlorophenol	µg/L	-	-	-	ND (25)	-	-
2,4,6-Trichlorophenol	µg/L	-	-	-	ND (10)	-	-
2,4-Dichlorophenol	µg/L	5	-	-	ND (10)	-	-
2,4-Dimethylphenol	µg/L	-	-	-	ND (10)	-	-
2,4-Dinitrophenol	µg/L	-	-	-	ND (25)	-	-
2,4-Dinitrotoluene	µg/L	5	-	-	ND (10)	-	-
2,6-Dinitrotoluene	µg/L	5	-	-	ND (10)	-	-
2-Chloronaphthalene	µg/L	-	-	-	ND (10)	-	-
2-Chlorophenol	µg/L	-	-	-	ND (10)	-	-
2-Methylnaphthalene	µg/L	-	-	-	ND (10)	-	-
2-Methylphenol	µg/L	-	-	-	ND (10)	-	-
2-Nitroaniline	µg/L	5	-	-	ND (25)	-	-
2-Nitrophenol	µg/L	-	-	-	ND (10)	-	-
3,3'-Dichlorobenzidine	µg/L	5	-	-	ND (10)	-	-
3-Nitroaniline	µg/L	5	-	-	ND (25)	-	-
4,6-Dinitro-2-methylphenol	µg/L	-	-	-	ND (25)	-	-
4-Bromophenyl phenyl ether	µg/L	-	-	-	ND (10)	-	-
4-Chloro-3-methylphenol	µg/L	-	-	-	ND (10)	-	-
4-Chloroaniline	µg/L	5	-	-	ND (10)	-	-
4-Chlorophenyl phenyl ether	µg/L	-	-	-	ND (10)	-	-
4-Methylphenol	µg/L	-	-	-	ND (10)	-	-
4-Nitroaniline	µg/L	5	-	-	ND (25)	-	-
4-Nitrophenol	µg/L	-	-	-	ND (25)	-	-
Acenaphthene	µg/L	-	-	-	ND (10)	-	-
Acenaphthylene	µg/L	-	-	-	ND (10)	-	-
Acetophenone	µg/L	-	-	-	-	-	-
Anthracene	µg/L	-	-	-	ND (10)	-	-
Atrazine	µg/L	7.5	-	-	-	-	-
Benzaldehyde	µg/L	-	-	-	-	-	-
Benzo(a)anthracene	µg/L	-	-	-	ND (10)	-	-
Benzo(a)pyrene	µg/L	-	-	-	ND (10)	-	-
Benzo(b)fluoranthene	µg/L	-	-	-	ND (10)	-	-
Benzo(g,h,i)perylene	µg/L	-	-	-	ND (10)	-	-
Benzo(k)fluoranthene	µg/L	-	-	-	ND (10)	-	-
Biphenyl (1,1-Biphenyl)	µg/L	5	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/L	5	-	-	ND (10)	-	-
bis(2-Chloroethyl)ether	µg/L	1	-	-	ND (10)	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	5	-	-	7 J	-	-
Butyl benzylphthalate (BBP)	µg/L	-	-	-	ND (10)	-	-
Caprolactam	µg/L	-	-	-	-	-	-
Carbazole	µg/L	-	-	-	ND (10)	-	-
Chrysene	µg/L	-	-	-	ND (10)	-	-
Dibenz(a,h)anthracene	µg/L	-	-	-	ND (10)	-	-
Dibenz(a,j)acridine	µg/L	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/L	-	-	-	-	-	-
Dibenzofuran	µg/L	-	-	-	ND (10)	-	-
Diethyl phthalate	µg/L	-	-	-	ND (10)	-	-
Dimethyl phthalate	µg/L	-	-	-	ND (10)	-	-
Di-n-butylphthalate (DBP)	µg/L	50	-	-	ND (10)	-	-
Di-n-octyl phthalate (DnOP)	µg/L	-	-	-	ND (10)	-	-
Fluoranthene	µg/L	-	-	-	ND (10)	-	-
Fluorene	µg/L	-	-	-	ND (10)	-	-
Hexachlorobenzene	µg/L	0.04	-	-	ND (10)	-	-
Hexachlorobutadiene	µg/L	0.5	-	-	ND (10)	-	-
Hexachlorocyclopentadiene	µg/L	5	-	-	ND (10)	-	-
Hexachloroethane	µg/L	5	-	-	ND (10)	-	-
Indeno(1,2,3-cd)pyrene	µg/L	-	-	-	ND (10)	-	-
Isophorone	µg/L	-	-	-	ND (10)	-	-
Naphthalene	µg/L	-	-	-	ND (10)	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW5*	*OW5*	*OW5*	*OW6*	*OW6*
Sample ID:			*OW-5*	*OW-5*	*GW-WPW-020*	*OW-6*	*OW-6*
Sample Date:			*11/1/1991*	*12/10/1993*	*8/3/1999*	*11/1/1990*	*11/8/1990*
Parameter	*Units*	*New York TOGs Table 1*					
Nitrobenzene	µg/L	0.4	-	-	ND (10)	-	-
N-Nitrosodi-n-propylamine	µg/L	-	-	-	ND (10)	-	-
N-Nitrosodiphenylamine	µg/L	-	-	-	ND (10)	-	-
Pentachlorophenol	µg/L	1	-	-	ND (25)	-	-
Phenanthrene	µg/L	-	-	-	ND (10)	-	-
Phenol	µg/L	1	-	-	ND (10)	-	-
Pyrene	µg/L	-	-	-	ND (10)	-	-
Metals							
Aluminum	µg/L	-	-	12300/15400	1270	-	-
Aluminum (dissolved)	µg/L	-	-	ND (23.2)/ND (23.2)	ND (6.0)	-	-
Antimony	µg/L	3	-	**142/847**	ND (7.2)	-	-
Antimony (dissolved)	µg/L	3	-	R/ND (57.7)	ND (7.2)	-	-
Arsenic	µg/L	25	-	**3350/1560**	**945**	-	-
Arsenic (dissolved)	µg/L	25	-	**79.9/105**	**158**	-	-
Barium	µg/L	1000	-	391/490	34.7	-	-
Barium (dissolved)	µg/L	1000	-	15.6 B/20.5 B	23.6	-	-
Beryllium	µg/L	-	-	4.8 B/7.4	3.1	-	-
Beryllium (dissolved)	µg/L	-	-	ND (0.6)/ND (0.6)	0.26	-	-
Cadmium	µg/L	5	**135**	**736/414**	**126**	**5.3/6.5**	-
Cadmium (dissolved)	µg/L	5	**158**	**124/168**	**52.9**	ND (1)/ND (1)	-
Calcium	µg/L	-	-	231000/204000	178000	-	-
Calcium (dissolved)	µg/L	-	-	190000/208000	156000	-	-
Chromium	µg/L	50	-	**60/73**	6.8	-	-
Chromium Total (dissolved)	µg/L	50	-	ND (1.5)/ND (1.5)	ND (0.60)	-	-
Chromium VI (hexavalent)	µg/L	50	-	ND (0.05)/ND (0.05)	-	-	-
Chromium VI (hexavalent) (dissolved)	µg/L	50	-	ND (0.05)/ND (0.05)	-	-	-
Cobalt	µg/L	-	-	1300/1170	1060	-	-
Cobalt (dissolved)	µg/L	-	-	526/832	863	-	-
Copper	µg/L	200	-	**64500/37400**	**15900**	-	-
Copper (dissolved)	µg/L	200	-	66.1/41.9	24.5	-	-
Iron	µg/L	300	-	**171000/220000**	**107000**	-	-
Iron (dissolved)	µg/L	300	-	**29200/48200**	**58100**	-	-
Lead	µg/L	25	**42**	**5120/6330**	**940**	**1500/3000**	-
Lead (dissolved)	µg/L	25	ND (11.2)	ND (1)/ND (1)	ND (4.7)	ND (23.5)/ND (2)	-
Magnesium	µg/L	-	-	77800/70600	38100	-	-
Magnesium (dissolved)	µg/L	-	-	68300/65300	34600	-	-
Manganese	µg/L	300	-	**1720/1380**	**1300**	-	-
Manganese (dissolved)	µg/L	300	-	**1120/713**	**1090**	-	-
Mercury	µg/L	0.7	-	**3.8/ND (0.1)**	**1.6**	-	-
Mercury (dissolved)	µg/L	0.7	-	ND (0.1)/ND (0.1)	ND (0.10)	-	-
Nickel	µg/L	100	-	**1700/1790**	**890**	-	-
Nickel (dissolved)	µg/L	100	-	**274 E/618**	**665**	-	-
Potassium	µg/L	-	-	13700/13700	10000 J	-	-
Potassium (dissolved)	µg/L	-	-	12000/11100	8830 J	-	-
Selenium	µg/L	10	-	**183/388**	**17.9**	-	-
Selenium (dissolved)	µg/L	10	-	**23.7/37.2 B**	4.0	-	-
Silver	µg/L	50	-	16.6/16.2	0.61	-	-
Silver (dissolved)	µg/L	50	-	ND (3.9)/ND (8.7)	ND (0.60)	-	-
Sodium	µg/L	20000	-	**43300/48400**	**25100**	-	-
Sodium (dissolved)	µg/L	20000	-	**39300/40500**	**22200**	-	-
Thallium	µg/L	-	-	1.8 B/2 B	8.6	-	-
Thallium (dissolved)	µg/L	-	-	ND (1)/ND (1)	3.9	-	-
Vanadium	µg/L	-	-	151/115	36.7	-	-
Vanadium (dissolved)	µg/L	-	-	ND (16.3)/ND (16.3)	ND (1.1)	-	-
Zinc	µg/L	-	-	66800/56600	36800	-	-
Zinc (dissolved)	µg/L	-	-	32100/22700	28500	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW5*	*OW5*	*OW5*	*OW6*	*OW6*
Sample ID:			*OW-5*	*OW-5*	*GW-WPW-020*	*OW-6*	*OW-6*
Sample Date:			*11/1/1991*	*12/10/1993*	*8/3/1999*	*11/1/1990*	*11/8/1990*
Parameter	*Units*	*New York TOGs Table 1*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/L	-	-	-	ND (1.0)	-	-
Aroclor-1221 (PCB-1221)	µg/L	-	-	-	ND (2.0)	-	-
Aroclor-1232 (PCB-1232)	µg/L	-	-	-	ND (1.0)	-	-
Aroclor-1242 (PCB-1242)	µg/L	-	-	2.1	ND (1.0)	-	-
Aroclor-1248 (PCB-1248)	µg/L	-	-	-	ND (1.0)	-	-
Aroclor-1254 (PCB-1254)	µg/L	-	-	-	ND (1.0)	-	-
Aroclor-1260 (PCB-1260)	µg/L	-	-	-	ND (1.0)	-	-
Total PCBs	µg/L	-	-	2.1	ND	-	-
Pesticides							
4,4'-DDD	µg/L	0.3	-	-	ND (0.10)	-	-
4,4'-DDE	µg/L	0.2	-	-	ND (0.10)	-	-
4,4'-DDT	µg/L	0.2	-	-	ND (0.10)	-	-
Aldrin	µg/L	-	-	-	ND (0.050)	-	-
alpha-BHC	µg/L	0.01	-	-	ND (0.050)	-	-
alpha-Chlordane	µg/L	-	-	-	ND (0.050)	-	-
beta-BHC	µg/L	0.04	-	-	ND (0.050)	-	-
delta-BHC	µg/L	0.04	-	-	ND (0.050)	-	-
Dieldrin	µg/L	0.004	-	-	ND (0.10)	-	-
Endosulfan I	µg/L	-	-	-	ND (0.050)	-	-
Endosulfan II	µg/L	-	-	-	ND (0.10)	-	-
Endosulfan sulfate	µg/L	-	-	-	ND (0.10)	-	-
Endrin	µg/L	-	-	-	ND (0.10)	-	-
Endrin aldehyde	µg/L	5	-	-	ND (0.10)	-	-
Endrin ketone	µg/L	5	-	-	ND (0.10)	-	-
gamma-BHC (lindane)	µg/L	0.05	-	-	ND (0.050)	-	-
gamma-Chlordane	µg/L	-	-	-	ND (0.050)	-	-
Heptachlor	µg/L	0.04	-	-	ND (0.050)	-	-
Heptachlor epoxide	µg/L	0.03	-	-	ND (0.050)	-	-
Methoxychlor	µg/L	35	-	-	ND (0.50)	-	-
Toxaphene	µg/L	0.06	-	-	ND (5.0)	-	-
General Chemistry							
Alkalinity, total (as CaCO3)	µg/L	-	-	-	-	-	-
Ammonia-N	µg/L	-	-	-	-	-	-
Biochemical oxygen demand (BOD)	µg/L	-	-	-	-	-	-
Biochemical oxygen demand (carbonaceous)	µg/L	-	-	-	-	-	-
Calcium carbonate	µg/L	-	-	-	-	-	-
Chemical oxygen demand (COD)	µg/L	-	-	-	-	-	-
Chloride	µg/L	250000	-	46.6/1.7	-	-	191/194
Conductivity	µmhos/cm	-	-	1100/1150	-	-	-
Cyanide (amenable)	µg/L	-	-	-	-	-	-
Cyanide (dissolved)	µg/L	-	-	-	ND (10.0)	-	-
Cyanide (total)	µg/L	200	-	1.6 B/ND (0.9)	ND (10.0)	-	-
Ignitability	deg C	-	-	-	-	-	-
Nitrate (as N)	µg/L	10000	-	-	-	-	-
Nitrite (as N)	µg/L	1000	-	-	-	-	-
Nitrite/Nitrate	µg/L	10000	-	-	-	-	-
Nitrogen	µg/L	-	-	-	-	-	-
pH	s.u.	6.5-8.5	-	**6.43/6.22**	-	-	-
pH (water)	s.u.	6.5-8.5	-	-	-	-	-
pH corrosivity	s.u.	-	-	6.46/6.01	-	-	-
Reactive cyanide	µg/L	-	-	ND (0.05)/ND (0.05)	-	-	-
Reactive sulfide	µg/L	-	-	1.6/ND (1)	-	-	-
Sulfate	µg/L	250000	-	-	-	-	**290000/270000**
Sulfide	µg/L	-	-	-	-	-	-
Total dissolved solids (TDS)	µg/L	500000	-	1270/1390	-	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW5*	*OW5*	*OW5*	*OW6*	*OW6*
Sample ID:			*OW-5*	*OW-5*	*GW-WPW-020*	*OW-6*	*OW-6*
Sample Date:			*11/1/1991*	*12/10/1993*	*8/3/1999*	*11/1/1990*	*11/8/1990*
Parameter	*Units*	*New York TOGs Table 1*					
Total kjeldahl nitrogen (TKN)	µg/L	-	-	-	-	-	-
Total organic carbon (TOC)	µg/L	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/L	-	-	0.444/0.318	-	-	-
Total Petroleum Hydrocarbons - Non-Polar Material - SGT HEM	µg/L	-	-	-	-	-	-
Total solids	µg/L	-	-	-	-	-	-
Total suspended solids (TSS)	µg/L	-	-	-	-	-	-
Field Parameters							
Conductivity, field	mS/cm	-	-	-	-	-	-
Dissolved oxygen (DO), field	µg/L	-	-	-	-	-	-
Oxidation reduction potential (ORP), field	millivolts	-	-	-	-	-	-
pH, field	s.u.	6.5-8.5	-	-	-	-	-
Salinity	%	-	-	-	-	-	-
Temperature, field	deg C	-	-	13/11	-	-	-
Turbidity	NTU	5	-	-	-	-	-

Notes:

(DT) - Analytical results for total and dissolved metals were originally reversed in the original analytical data package, and have been corrected in this table.

> - Greater than amount reported.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

S - Value determined by the method of standard addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

W - Post-digestion spike out of control limits.

- - Not applicable.

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW6*	*OW6*	*OW6*	*OW6*	*OW6*	*OW6*	*OW6*	*OW6*
Sample ID:			*OW-6*	*OW-6*	*OW-6*	*OW-6*	*OW-6*	*OW-6*	*OW-6*	*OW-6*
Sample Date:			*11/9/1990*	*11/10/1990*	*11/10/1990*	*11/11/1990*	*11/12/1990*	*11/13/1990*	*11/13/1990*	*11/14/1990*
		New York			*Duplicate*				*Duplicate*	
Parameter	*Units*	*TOGs Table 1*								
Volatiles										
1,1,1-Trichloroethane	µg/L	5	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/L	5	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/L	1	-	-	-	-	-	-	-	-
1,1-Dichloroethane	µg/L	5	-	-	-	-	-	-	-	-
1,1-Dichloroethene	µg/L	5	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/L	5	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	0.04	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/L	0.0006	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/L	3	-	-	-	-	-	-	-	-
1,2-Dichloroethane	µg/L	0.6	-	-	-	-	-	-	-	-
1,2-Dichloroethene (total)	µg/L	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	µg/L	1	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/L	3	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/L	3	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	-	-	-	-	-	-	-	-	-
2-Hexanone	µg/L	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	-	-	-	-	-	-	-	-	-
Acetone	µg/L	-	-	-	-	-	-	-	-	-
Benzene	µg/L	1	-	-	-	-	-	-	-	-
Bromodichloromethane	µg/L	-	-	-	-	-	-	-	-	-
Bromoform	µg/L	-	-	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/L	5	-	-	-	-	-	-	-	-
Carbon disulfide	µg/L	60	-	-	-	-	-	-	-	-
Carbon tetrachloride	µg/L	5	-	-	-	-	-	-	-	-
Chlorobenzene	µg/L	5	-	-	-	-	-	-	-	-
Chloroethane	µg/L	5	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/L	7	-	-	-	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/L	5	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/L	5	-	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/L	-	-	-	-	-	-	-	-	-
Cyclohexane	µg/L	-	-	-	-	-	-	-	-	-
Dibromochloromethane	µg/L	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/L	5	-	-	-	-	-	-	-	-
Ethylbenzene	µg/L	5	-	-	-	-	-	-	-	-
Isopropyl benzene	µg/L	5	-	-	-	-	-	-	-	-
m&p-Xylenes	µg/L	-	-	-	-	-	-	-	-	-
Methyl acetate	µg/L	-	-	-	-	-	-	-	-	-
Methyl cyclohexane	µg/L	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/L	-	-	-	-	-	-	-	-	-
Methylene chloride	µg/L	5	-	-	-	-	-	-	-	-
o-Xylene	µg/L	5	-	-	-	-	-	-	-	-
Styrene	µg/L	5	-	-	-	-	-	-	-	-
Tetrachloroethene	µg/L	5	-	-	-	-	-	-	-	-
Toluene	µg/L	5	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	µg/L	5	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/L	-	-	-	-	-	-	-	-	-
Trichloroethene	µg/L	5	-	-	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/L	5	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/L	5	-	-	-	-	-	-	-	-
Vinyl chloride	µg/L	2	-	-	-	-	-	-	-	-
Xylenes (total)	µg/L	-	-	-	-	-	-	-	-	-
Semi-Volatiles										
1,2,4-Trichlorobenzene	µg/L	5	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/L	3	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/L	3	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/L	3	-	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	5	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW6*	*OW6*	*OW6*	*OW6*	*OW6*	*OW6*	*OW6*	*OW6*
Sample ID:			*OW-6*	*OW-6*	*OW-6*	*OW-6*	*OW-6*	*OW-6*	*OW-6*	*OW-6*
Sample Date:			*11/9/1990*	*11/10/1990*	*11/10/1990*	*11/11/1990*	*11/12/1990*	*11/13/1990*	*11/13/1990*	*11/14/1990*
		New York			*Duplicate*				*Duplicate*	
Parameter	*Units*	*TOGs Table 1*								
2,4,5-Trichlorophenol	µg/L	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/L	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/L	5	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	µg/L	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/L	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/L	5	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/L	5	-	-	-	-	-	-	-	-
2-Chloronaphthalene	µg/L	-	-	-	-	-	-	-	-	-
2-Chlorophenol	µg/L	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/L	-	-	-	-	-	-	-	-	-
2-Methylphenol	µg/L	-	-	-	-	-	-	-	-	-
2-Nitroaniline	µg/L	5	-	-	-	-	-	-	-	-
2-Nitrophenol	µg/L	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/L	5	-	-	-	-	-	-	-	-
3-Nitroaniline	µg/L	5	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/L	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/L	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/L	-	-	-	-	-	-	-	-	-
4-Chloroaniline	µg/L	5	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/L	-	-	-	-	-	-	-	-	-
4-Methylphenol	µg/L	-	-	-	-	-	-	-	-	-
4-Nitroaniline	µg/L	5	-	-	-	-	-	-	-	-
4-Nitrophenol	µg/L	-	-	-	-	-	-	-	-	-
Acenaphthene	µg/L	-	-	-	-	-	-	-	-	-
Acenaphthylene	µg/L	-	-	-	-	-	-	-	-	-
Acetophenone	µg/L	-	-	-	-	-	-	-	-	-
Anthracene	µg/L	-	-	-	-	-	-	-	-	-
Atrazine	µg/L	7.5	-	-	-	-	-	-	-	-
Benzaldehyde	µg/L	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/L	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	µg/L	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/L	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/L	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/L	-	-	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/L	5	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/L	5	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/L	1	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	5	-	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/L	-	-	-	-	-	-	-	-	-
Caprolactam	µg/L	-	-	-	-	-	-	-	-	-
Carbazole	µg/L	-	-	-	-	-	-	-	-	-
Chrysene	µg/L	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/L	-	-	-	-	-	-	-	-	-
Dibenz(a,j)acridine	µg/L	-	-	-	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/L	-	-	-	-	-	-	-	-	-
Dibenzofuran	µg/L	-	-	-	-	-	-	-	-	-
Diethyl phthalate	µg/L	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	µg/L	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/L	50	-	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/L	-	-	-	-	-	-	-	-	-
Fluoranthene	µg/L	-	-	-	-	-	-	-	-	-
Fluorene	µg/L	-	-	-	-	-	-	-	-	-
Hexachlorobenzene	µg/L	0.04	-	-	-	-	-	-	-	-
Hexachlorobutadiene	µg/L	0.5	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/L	5	-	-	-	-	-	-	-	-
Hexachloroethane	µg/L	5	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/L	-	-	-	-	-	-	-	-	-
Isophorone	µg/L	-	-	-	-	-	-	-	-	-
Naphthalene	µg/L	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW6*	*OW6*	*OW6*	*OW6*	*OW6*	*OW6*	*OW6*	*OW6*
Sample ID:			*OW-6*	*OW-6*	*OW-6*	*OW-6*	*OW-6*	*OW-6*	*OW-6*	*OW-6*
Sample Date:			*11/9/1990*	*11/10/1990*	*11/10/1990*	*11/11/1990*	*11/12/1990*	*11/13/1990*	*11/13/1990*	*11/14/1990*
		New York			*Duplicate*				*Duplicate*	
Parameter	*Units*	*TOGs Table 1*								
Nitrobenzene	µg/L	0.4	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/L	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/L	-	-	-	-	-	-	-	-	-
Pentachlorophenol	µg/L	1	-	-	-	-	-	-	-	-
Phenanthrene	µg/L	-	-	-	-	-	-	-	-	-
Phenol	µg/L	1	-	-	-	-	-	-	-	-
Pyrene	µg/L	-	-	-	-	-	-	-	-	-
Metals										
Aluminum	µg/L	-	-	-	-	-	-	-	-	-
Aluminum (dissolved)	µg/L	-	-	-	-	-	-	-	-	-
Antimony	µg/L	3	-	-	-	-	-	-	-	-
Antimony (dissolved)	µg/L	3	-	-	-	-	-	-	-	-
Arsenic	µg/L	25	-	-	-	-	-	-	-	-
Arsenic (dissolved)	µg/L	25	-	-	-	-	-	-	-	-
Barium	µg/L	1000	-	-	-	-	-	-	-	-
Barium (dissolved)	µg/L	1000	-	-	-	-	-	-	-	-
Beryllium	µg/L	-	-	-	-	-	-	-	-	-
Beryllium (dissolved)	µg/L	-	-	-	-	-	-	-	-	-
Cadmium	µg/L	5	-	-	-	-	-	-	-	-
Cadmium (dissolved)	µg/L	5	-	-	-	-	-	-	-	-
Calcium	µg/L	-	-	-	-	-	-	-	-	-
Calcium (dissolved)	µg/L	-	-	-	-	-	-	-	-	-
Chromium	µg/L	50	-	-	-	-	-	-	-	-
Chromium Total (dissolved)	µg/L	50	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	µg/L	50	-	-	-	-	-	-	-	-
Chromium VI (hexavalent) (dissolved)	µg/L	50	-	-	-	-	-	-	-	-
Cobalt	µg/L	-	-	-	-	-	-	-	-	-
Cobalt (dissolved)	µg/L	-	-	-	-	-	-	-	-	-
Copper	µg/L	200	-	-	-	-	-	-	-	-
Copper (dissolved)	µg/L	200	-	-	-	-	-	-	-	-
Iron	µg/L	300	-	-	-	-	-	-	-	-
Iron (dissolved)	µg/L	300	-	-	-	-	-	-	-	-
Lead	µg/L	25	-	-	-	-	-	-	-	-
Lead (dissolved)	µg/L	25	-	-	-	-	-	-	-	-
Magnesium	µg/L	-	-	-	-	-	-	-	-	-
Magnesium (dissolved)	µg/L	-	-	-	-	-	-	-	-	-
Manganese	µg/L	300	-	-	-	-	-	-	-	-
Manganese (dissolved)	µg/L	300	-	-	-	-	-	-	-	-
Mercury	µg/L	0.7	-	-	-	-	-	-	-	-
Mercury (dissolved)	µg/L	0.7	-	-	-	-	-	-	-	-
Nickel	µg/L	100	-	-	-	-	-	-	-	-
Nickel (dissolved)	µg/L	100	-	-	-	-	-	-	-	-
Potassium	µg/L	-	-	-	-	-	-	-	-	-
Potassium (dissolved)	µg/L	-	-	-	-	-	-	-	-	-
Selenium	µg/L	10	-	-	-	-	-	-	-	-
Selenium (dissolved)	µg/L	10	-	-	-	-	-	-	-	-
Silver	µg/L	50	-	-	-	-	-	-	-	-
Silver (dissolved)	µg/L	50	-	-	-	-	-	-	-	-
Sodium	µg/L	20000	-	-	-	-	-	-	-	-
Sodium (dissolved)	µg/L	20000	-	-	-	-	-	-	-	-
Thallium	µg/L	-	-	-	-	-	-	-	-	-
Thallium (dissolved)	µg/L	-	-	-	-	-	-	-	-	-
Vanadium	µg/L	-	-	-	-	-	-	-	-	-
Vanadium (dissolved)	µg/L	-	-	-	-	-	-	-	-	-
Zinc	µg/L	-	-	-	-	-	-	-	-	-
Zinc (dissolved)	µg/L	-	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW6*	*OW6*	*OW6*	*OW6*	*OW6*	*OW6*	*OW6*	*OW6*
Sample ID:			*OW-6*	*OW-6*	*OW-6*	*OW-6*	*OW-6*	*OW-6*	*OW-6*	*OW-6*
Sample Date:			*11/9/1990*	*11/10/1990*	*11/10/1990*	*11/11/1990*	*11/12/1990*	*11/13/1990*	*11/13/1990*	*11/14/1990*
		New York			*Duplicate*				*Duplicate*	
Parameter	*Units*	*TOGs Table 1*								
PCBs										
Aroclor-1016 (PCB-1016)	µg/L	-	-	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	µg/L	-	-	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	µg/L	-	-	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	µg/L	-	-	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	µg/L	-	-	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	µg/L	-	-	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	µg/L	-	-	-	-	-	-	-	-	-
Total PCBs	µg/L	-	-	-	-	-	-	-	-	-
Pesticides										
4,4'-DDD	µg/L	0.3	-	-	-	-	-	-	-	-
4,4'-DDE	µg/L	0.2	-	-	-	-	-	-	-	-
4,4'-DDT	µg/L	0.2	-	-	-	-	-	-	-	-
Aldrin	µg/L	-	-	-	-	-	-	-	-	-
alpha-BHC	µg/L	0.01	-	-	-	-	-	-	-	-
alpha-Chlordane	µg/L	-	-	-	-	-	-	-	-	-
beta-BHC	µg/L	0.04	-	-	-	-	-	-	-	-
delta-BHC	µg/L	0.04	-	-	-	-	-	-	-	-
Dieldrin	µg/L	0.004	-	-	-	-	-	-	-	-
Endosulfan I	µg/L	-	-	-	-	-	-	-	-	-
Endosulfan II	µg/L	-	-	-	-	-	-	-	-	-
Endosulfan sulfate	µg/L	-	-	-	-	-	-	-	-	-
Endrin	µg/L	-	-	-	-	-	-	-	-	-
Endrin aldehyde	µg/L	5	-	-	-	-	-	-	-	-
Endrin ketone	µg/L	5	-	-	-	-	-	-	-	-
gamma-BHC (lindane)	µg/L	0.05	-	-	-	-	-	-	-	-
gamma-Chlordane	µg/L	-	-	-	-	-	-	-	-	-
Heptachlor	µg/L	0.04	-	-	-	-	-	-	-	-
Heptachlor epoxide	µg/L	0.03	-	-	-	-	-	-	-	-
Methoxychlor	µg/L	35	-	-	-	-	-	-	-	-
Toxaphene	µg/L	0.06	-	-	-	-	-	-	-	-
General Chemistry										
Alkalinity, total (as CaCO3)	µg/L	-	-	-	-	-	-	-	-	-
Ammonia-N	µg/L	-	-	-	-	-	-	-	-	-
Biochemical oxygen demand (BOD)	µg/L	-	-	-	-	-	-	-	-	-
Biochemical oxygen demand (carbonaceous)	µg/L	-	-	-	-	-	-	-	-	-
Calcium carbonate	µg/L	-	-	-	-	-	-	-	-	-
Chemical oxygen demand (COD)	µg/L	-	-	-	-	-	-	-	-	-
Chloride	µg/L	250000	188/205	118/420	540	310/340	290/350	280/220	222	210/220
Conductivity	µmhos/cm	-	-	-	-	-	-	-	-	-
Cyanide (amenable)	µg/L	-	-	-	-	-	-	-	-	-
Cyanide (dissolved)	µg/L	-	-	-	-	-	-	-	-	-
Cyanide (total)	µg/L	200	-	-	-	-	-	-	-	-
Ignitability	deg C	-	-	-	-	-	-	-	-	-
Nitrate (as N)	µg/L	10000	-	-	-	-	-	-	-	-
Nitrite (as N)	µg/L	1000	-	-	-	-	-	-	-	-
Nitrite/Nitrate	µg/L	10000	-	-	-	-	-	-	-	-
Nitrogen	µg/L	-	-	-	-	-	-	-	-	-
pH	s.u.	6.5-8.5	-	-	-	-	-	-	-	-
pH (water)	s.u.	6.5-8.5	-	-	-	-	-	-	-	-
pH corrosivity	s.u.	-	-	-	-	-	-	-	-	-
Reactive cyanide	µg/L	-	-	-	-	-	-	-	-	-
Reactive sulfide	µg/L	-	-	-	-	-	-	-	-	-
Sulfate	µg/L	250000	250000/220000	-	-	-	-	-	-	-
Sulfide	µg/L	-	-	-	-	-	-	-	-	-
Total dissolved solids (TDS)	µg/L	500000	-	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW6*	*OW6*	*OW6*	*OW6*	*OW6*	*OW6*	*OW6*	*OW6*
Sample ID:			*OW-6*	*OW-6*	*OW-6*	*OW-6*	*OW-6*	*OW-6*	*OW-6*	*OW-6*
Sample Date:			*11/9/1990*	*11/10/1990*	*11/10/1990*	*11/11/1990*	*11/12/1990*	*11/13/1990*	*11/13/1990*	*11/14/1990*
		New York			*Duplicate*				*Duplicate*	
Parameter	*Units*	*TOGs Table 1*								
Total kjeldahl nitrogen (TKN)	µg/L	-	-	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/L	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/L	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Non-Polar Material - SGT HEM	µg/L	-	-	-	-	-	-	-	-	-
Total solids	µg/L	-	-	-	-	-	-	-	-	-
Total suspended solids (TSS)	µg/L	-	-	-	-	-	-	-	-	-
Field Parameters										
Conductivity, field	mS/cm	-	-	-	-	-	-	-	-	-
Dissolved oxygen (DO), field	µg/L	-	-	-	-	-	-	-	-	-
Oxidation reduction potential (ORP), field	millivolts	-	-	-	-	-	-	-	-	-
pH, field	s.u.	6.5-8.5	-	-	-	-	-	-	-	-
Salinity	%	-	-	-	-	-	-	-	-	-
Temperature, field	deg C	-	-	-	-	-	-	-	-	-
Turbidity	NTU	5	-	-	-	-	-	-	-	-

Notes:

(DT) - Analytical results for total and dissolved metals were originally reversed in the original analytical data package, and have been corrected in this table.

> - Greater than amount reported.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

S - Value determined by the method of standard addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

W - Post-digestion spike out of control limits.

- - Not applicable.

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW6*	*OW6*	*OW6*	*OW6*	*OW6*	*OW6*
Sample ID:			*OW-6*	*OW-6*	*OW-6*	*OW-6*	*OW-6*	*OW-6*
Sample Date:			*1/1/1991*	*4/1/1991*	*6/1/1991*	*6/1/1991*	*11/1/1991*	*12/10/1993*
						Duplicate		
Parameter	*Units*	*New York TOGs Table 1*						
Volatiles								
1,1,1-Trichloroethane	µg/L	5	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/L	5	-	-	-	-	-	-
1,1,2-Trichloroethane	µg/L	1	-	-	-	-	-	-
1,1-Dichloroethane	µg/L	5	-	-	-	-	-	-
1,1-Dichloroethene	µg/L	5	-	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/L	5	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	0.04	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/L	0.0006	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/L	3	-	-	-	-	-	-
1,2-Dichloroethane	µg/L	0.6	-	-	-	-	-	-
1,2-Dichloroethene (total)	µg/L	-	-	-	-	-	-	-
1,2-Dichloropropane	µg/L	1	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/L	3	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/L	3	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	-	-	-	-	-	-	-
2-Hexanone	µg/L	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	-	-	-	-	-	-	-
Acetone	µg/L	-	-	-	-	-	-	-
Benzene	µg/L	1	-	-	-	-	-	-
Bromodichloromethane	µg/L	-	-	-	-	-	-	-
Bromoform	µg/L	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/L	5	-	-	-	-	-	-
Carbon disulfide	µg/L	60	-	-	-	-	-	-
Carbon tetrachloride	µg/L	5	-	-	-	-	-	-
Chlorobenzene	µg/L	5	-	-	-	-	-	-
Chloroethane	µg/L	5	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/L	7	-	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/L	5	-	-	-	-	-	-
cis-1,2-Dichloroethene	µg/L	5	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/L	-	-	-	-	-	-	-
Cyclohexane	µg/L	-	-	-	-	-	-	-
Dibromochloromethane	µg/L	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/L	5	-	-	-	-	-	-
Ethylbenzene	µg/L	5	-	-	-	-	-	-
Isopropyl benzene	µg/L	5	-	-	-	-	-	-
m&p-Xylenes	µg/L	-	-	-	-	-	-	-
Methyl acetate	µg/L	-	-	-	-	-	-	-
Methyl cyclohexane	µg/L	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/L	-	-	-	-	-	-	-
Methylene chloride	µg/L	5	-	-	-	-	-	-
o-Xylene	µg/L	5	-	-	-	-	-	-
Styrene	µg/L	5	-	-	-	-	-	-
Tetrachloroethene	µg/L	5	-	-	-	-	-	-
Toluene	µg/L	5	-	-	-	-	-	-
trans-1,2-Dichloroethene	µg/L	5	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/L	-	-	-	-	-	-	-
Trichloroethene	µg/L	5	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/L	5	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/L	5	-	-	-	-	-	-
Vinyl chloride	µg/L	2	-	-	-	-	-	-
Xylenes (total)	µg/L	-	-	-	-	-	-	-
Semi-Volatiles								
1,2,4-Trichlorobenzene	µg/L	5	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/L	3	-	-	-	-	-	-
1,3-Dichlorobenzene	µg/L	3	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/L	3	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	5	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW6*	*OW6*	*OW6*	*OW6*	*OW6*	*OW6*
Sample ID:			*OW-6*	*OW-6*	*OW-6*	*OW-6*	*OW-6*	*OW-6*
Sample Date:			*1/1/1991*	*4/1/1991*	*6/1/1991*	*6/1/1991*	*11/1/1991*	*12/10/1993*
		New York				*Duplicate*		
Parameter	*Units*	*TOGs Table 1*						
2,4,5-Trichlorophenol	µg/L	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/L	-	-	-	-	-	-	-
2,4-Dichlorophenol	µg/L	5	-	-	-	-	-	-
2,4-Dimethylphenol	µg/L	-	-	-	-	-	-	-
2,4-Dinitrophenol	µg/L	-	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/L	5	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/L	5	-	-	-	-	-	-
2-Chloronaphthalene	µg/L	-	-	-	-	-	-	-
2-Chlorophenol	µg/L	-	-	-	-	-	-	-
2-Methylnaphthalene	µg/L	-	-	-	-	-	-	-
2-Methylphenol	µg/L	-	-	-	-	-	-	-
2-Nitroaniline	µg/L	5	-	-	-	-	-	-
2-Nitrophenol	µg/L	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/L	5	-	-	-	-	-	-
3-Nitroaniline	µg/L	5	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/L	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/L	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/L	-	-	-	-	-	-	-
4-Chloroaniline	µg/L	5	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/L	-	-	-	-	-	-	-
4-Methylphenol	µg/L	-	-	-	-	-	-	-
4-Nitroaniline	µg/L	5	-	-	-	-	-	-
4-Nitrophenol	µg/L	-	-	-	-	-	-	-
Acenaphthene	µg/L	-	-	-	-	-	-	-
Acenaphthylene	µg/L	-	-	-	-	-	-	-
Acetophenone	µg/L	-	-	-	-	-	-	-
Anthracene	µg/L	-	-	-	-	-	-	-
Atrazine	µg/L	7.5	-	-	-	-	-	-
Benzaldehyde	µg/L	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/L	-	-	-	-	-	-	-
Benzo(a)pyrene	µg/L	-	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/L	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/L	-	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/L	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/L	5	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/L	5	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/L	1	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	5	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/L	-	-	-	-	-	-	-
Caprolactam	µg/L	-	-	-	-	-	-	-
Carbazole	µg/L	-	-	-	-	-	-	-
Chrysene	µg/L	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/L	-	-	-	-	-	-	-
Dibenz(a,j)acridine	µg/L	-	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/L	-	-	-	-	-	-	-
Dibenzofuran	µg/L	-	-	-	-	-	-	-
Diethyl phthalate	µg/L	-	-	-	-	-	-	-
Dimethyl phthalate	µg/L	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/L	50	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/L	-	-	-	-	-	-	-
Fluoranthene	µg/L	-	-	-	-	-	-	-
Fluorene	µg/L	-	-	-	-	-	-	-
Hexachlorobenzene	µg/L	0.04	-	-	-	-	-	-
Hexachlorobutadiene	µg/L	0.5	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/L	5	-	-	-	-	-	-
Hexachloroethane	µg/L	5	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/L	-	-	-	-	-	-	-
Isophorone	µg/L	-	-	-	-	-	-	-
Naphthalene	µg/L	-	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW6*	*OW6*	*OW6*	*OW6*	*OW6*	*OW6*
Sample ID:			*OW-6*	*OW-6*	*OW-6*	*OW-6*	*OW-6*	*OW-6*
Sample Date:			*1/1/1991*	*4/1/1991*	*6/1/1991*	*6/1/1991*	*11/1/1991*	*12/10/1993*
						Duplicate		
Parameter	*Units*	*New York TOGs Table 1*						
Nitrobenzene	µg/L	0.4	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/L	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/L	-	-	-	-	-	-	-
Pentachlorophenol	µg/L	1	-	-	-	-	-	-
Phenanthrene	µg/L	-	-	-	-	-	-	-
Phenol	µg/L	1	-	-	-	-	-	-
Pyrene	µg/L	-	-	-	-	-	-	-
Metals								
Aluminum	µg/L	-	-	-	-	-	-	2680/7490
Aluminum (dissolved)	µg/L	-	-	-	-	-	-	ND (23.2)/ND (23.2)
Antimony	µg/L	3	-	-	-	-	-	**135/63.8**
Antimony (dissolved)	µg/L	3	-	-	-	-	-	R/ND (57.7)
Arsenic	µg/L	25	-	-	-	-	-	**366/808**
Arsenic (dissolved)	µg/L	25	-	-	-	-	-	**100/234**
Barium	µg/L	1000	-	-	-	-	-	499/543
Barium (dissolved)	µg/L	1000	-	-	-	-	-	117 B/291
Beryllium	µg/L	-	-	-	-	-	-	ND (0.6)/ND (0.6)
Beryllium (dissolved)	µg/L	-	-	-	-	-	-	ND (0.6)/ND (0.6)
Cadmium	µg/L	5	**1.7/6.5**	1/ND (1)	ND (2.5)/ND (2.5)	ND (2.5)	ND (2.5)	**14.2/7.9**
Cadmium (dissolved)	µg/L	5	ND (1)/2.3	-	ND (2.5) UJ/ND (2.5)	ND (2.5)	ND (2.5)	ND (1.8)/1.8
Calcium	µg/L	-	-	-	-	-	-	126000/188000
Calcium (dissolved)	µg/L	-	-	-	-	-	-	107000/177000
Chromium	µg/L	50	-	-	-	-	-	19.9/9.9 B
Chromium Total (dissolved)	µg/L	50	-	-	-	-	-	ND (1.5)/ND (1.5)
Chromium VI (hexavalent)	µg/L	50	-	-	-	-	-	ND (0.05)/ND (0.05)
Chromium VI (hexavalent) (dissolved)	µg/L	50	-	-	-	-	-	ND (0.05)/ND (0.05)
Cobalt	µg/L	-	-	-	-	-	-	128/47.9 B
Cobalt (dissolved)	µg/L	-	-	-	-	-	-	ND (5.5)/ND (5.5)
Copper	µg/L	200	-	-	-	-	-	**785/997**
Copper (dissolved)	µg/L	200	-	-	-	-	-	48.8/24.6 B
Iron	µg/L	300	-	-	-	-	-	**74000/83700**
Iron (dissolved)	µg/L	300	-	-	-	-	-	**1810/2940**
Lead	µg/L	25	**82.6/21.7**	ND (2)/ND (2)	**47/10.5**	**38.9**	19.3	**781/1290**
Lead (dissolved)	µg/L	25	ND (2)/ND (2)	ND (2)/ND (2)	ND (2)/2.6 J	ND (2)	ND (2)	ND (1)/ND (1)
Magnesium	µg/L	-	-	-	-	-	-	58900/128000
Magnesium (dissolved)	µg/L	-	-	-	-	-	-	54900/114000
Manganese	µg/L	300	-	-	-	-	-	**721/551**
Manganese (dissolved)	µg/L	300	-	-	-	-	-	**340/404**
Mercury	µg/L	0.7	-	-	-	-	-	**11.4/ND (0.1)**
Mercury (dissolved)	µg/L	0.7	-	-	-	-	-	ND (0.1)/ND (0.1)
Nickel	µg/L	100	-	-	-	-	-	**550/1380**
Nickel (dissolved)	µg/L	100	-	-	-	-	-	**122/107**
Potassium	µg/L	-	-	-	-	-	-	46900/22100
Potassium (dissolved)	µg/L	-	-	-	-	-	-	19800/42200
Selenium	µg/L	10	-	-	-	-	-	7.7/R
Selenium (dissolved)	µg/L	10	-	-	-	-	-	2 B/1.7 B
Silver	µg/L	50	-	-	-	-	-	5.6 B/7.2 B
Silver (dissolved)	µg/L	50	-	-	-	-	-	ND (3.9)/ND (3.9)
Sodium	µg/L	20000	-	-	-	-	-	**125000/286000**
Sodium (dissolved)	µg/L	20000	-	-	-	-	-	**652000/267000**
Thallium	µg/L	-	-	-	-	-	-	ND (1)/ND (1)
Thallium (dissolved)	µg/L	-	-	-	-	-	-	ND (1)/ND (1)
Vanadium	µg/L	-	-	-	-	-	-	26.9 B/27.1 B
Vanadium (dissolved)	µg/L	-	-	-	-	-	-	ND (16.3)/ND (16.3)
Zinc	µg/L	-	-	-	-	-	-	9630/19000
Zinc (dissolved)	µg/L	-	-	-	-	-	-	88.6/ND (3.1)

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW6*	*OW6*	*OW6*	*OW6*	*OW6*	*OW6*
Sample ID:			*OW-6*	*OW-6*	*OW-6*	*OW-6*	*OW-6*	*OW-6*
Sample Date:			*1/1/1991*	*4/1/1991*	*6/1/1991*	*6/1/1991*	*11/1/1991*	*12/10/1993*
		New York				*Duplicate*		
Parameter	*Units*	*TOGs Table 1*						
PCBs								
Aroclor-1016 (PCB-1016)	µg/L	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	µg/L	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	µg/L	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	µg/L	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	µg/L	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	µg/L	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	µg/L	-	-	-	-	-	-	-
Total PCBs	µg/L	-	-	-	-	-	-	-
Pesticides								
4,4'-DDD	µg/L	0.3	-	-	-	-	-	-
4,4'-DDE	µg/L	0.2	-	-	-	-	-	-
4,4'-DDT	µg/L	0.2	-	-	-	-	-	-
Aldrin	µg/L	-	-	-	-	-	-	-
alpha-BHC	µg/L	0.01	-	-	-	-	-	-
alpha-Chlordane	µg/L	-	-	-	-	-	-	-
beta-BHC	µg/L	0.04	-	-	-	-	-	-
delta-BHC	µg/L	0.04	-	-	-	-	-	-
Dieldrin	µg/L	0.004	-	-	-	-	-	-
Endosulfan I	µg/L	-	-	-	-	-	-	-
Endosulfan II	µg/L	-	-	-	-	-	-	-
Endosulfan sulfate	µg/L	-	-	-	-	-	-	-
Endrin	µg/L	-	-	-	-	-	-	-
Endrin aldehyde	µg/L	5	-	-	-	-	-	-
Endrin ketone	µg/L	5	-	-	-	-	-	-
gamma-BHC (lindane)	µg/L	0.05	-	-	-	-	-	-
gamma-Chlordane	µg/L	-	-	-	-	-	-	-
Heptachlor	µg/L	0.04	-	-	-	-	-	-
Heptachlor epoxide	µg/L	0.03	-	-	-	-	-	-
Methoxychlor	µg/L	35	-	-	-	-	-	-
Toxaphene	µg/L	0.06	-	-	-	-	-	-
General Chemistry								
Alkalinity, total (as CaCO3)	µg/L	-	-	-	-	-	-	-
Ammonia-N	µg/L	-	-	-	-	-	-	-
Biochemical oxygen demand (BOD)	µg/L	-	-	-	-	-	-	-
Biochemical oxygen demand (carbonaceous)	µg/L	-	-	-	-	-	-	-
Calcium carbonate	µg/L	-	-	-	-	-	-	-
Chemical oxygen demand (COD)	µg/L	-	-	-	-	-	-	-
Chloride	µg/L	250000	-	-	-	-	-	394/1370
Conductivity	µmhos/cm	-	-	-	-	-	-	3400/1500
Cyanide (amenable)	µg/L	-	-	-	-	-	-	-
Cyanide (dissolved)	µg/L	-	-	-	-	-	-	-
Cyanide (total)	µg/L	200	-	-	-	-	-	2.3 B/3.5 B
Ignitability	deg C	-	-	-	-	-	-	-
Nitrate (as N)	µg/L	10000	-	-	-	-	-	-
Nitrite (as N)	µg/L	1000	-	-	-	-	-	-
Nitrite/Nitrate	µg/L	10000	-	-	-	-	-	-
Nitrogen	µg/L	-	-	-	-	-	-	-
pH	s.u.	6.5-8.5	-	-	-	-	-	7.4/7.7
pH (water)	s.u.	6.5-8.5	-	-	-	-	-	-
pH corrosivity	s.u.	-	-	-	-	-	-	7.42/7.36
Reactive cyanide	µg/L	-	-	-	-	-	-	ND (0.05)/ND (0.05)
Reactive sulfide	µg/L	-	-	-	-	-	-	1.09/5.8
Sulfate	µg/L	250000	-	-	-	-	-	-
Sulfide	µg/L	-	-	-	-	-	-	-
Total dissolved solids (TDS)	µg/L	500000	-	-	-	-	-	2830/1270

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW6*	*OW6*	*OW6*	*OW6*	*OW6*	*OW6*
Sample ID:			*OW-6*	*OW-6*	*OW-6*	*OW-6*	*OW-6*	*OW-6*
Sample Date:			*1/1/1991*	*4/1/1991*	*6/1/1991*	*6/1/1991*	*11/1/1991*	*12/10/1993*
		New York				*Duplicate*		
Parameter	*Units*	*TOGs Table 1*						
Total kjeldahl nitrogen (TKN)	µg/L	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/L	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/L	-	-	-	-	-	-	0.137/ND (0.114)
Total Petroleum Hydrocarbons - Non-Polar Material - SGT HEM	µg/L	-	-	-	-	-	-	-
Total solids	µg/L	-	-	-	-	-	-	-
Total suspended solids (TSS)	µg/L	-	-	-	-	-	-	-
Field Parameters								
Conductivity, field	mS/cm	-	-	-	-	-	-	-
Dissolved oxygen (DO), field	µg/L	-	-	-	-	-	-	-
Oxidation reduction potential (ORP), field	millivolts	-	-	-	-	-	-	-
pH, field	s.u.	6.5-8.5	-	-	-	-	-	-
Salinity	%	-	-	-	-	-	-	-
Temperature, field	deg C	-	-	-	-	-	-	13/11
Turbidity	NTU	5	-	-	-	-	-	-

Notes:

(DT) - Analytical results for total and dissolved metals were originally reversed in the original analytical data package, and have been corrected in this table.

> - Greater than amount reported.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

S - Value determined by the method of standard addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

W - Post-digestion spike out of control limits.

- - Not applicable.

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW6*	*OW7*	*OW7*	*OW7*	*OW7*	*OW7*
Sample ID:			*GW-WPW-019*	*OW-7*	*OW-7*	*OW-7*	*OW-7*	*OW-7*
Sample Date:			*8/2/1999*	*11/1/1990*	*1/1/1991*	*4/1/1991*	*4/1/1991*	*6/1/1991*
Parameter	*Units*	*New York TOGs Table 1*					*Duplicate*	
Volatiles								
1,1,1-Trichloroethane	µg/L	5	ND (10)	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/L	5	ND (10)	-	-	-	-	-
1,1,2-Trichloroethane	µg/L	1	ND (10)	-	-	-	-	-
1,1-Dichloroethane	µg/L	5	2 J	-	-	-	-	-
1,1-Dichloroethene	µg/L	5	ND (10)	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/L	5	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	0.04	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/L	0.0006	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/L	3	-	-	-	-	-	-
1,2-Dichloroethane	µg/L	0.6	ND (10)	-	-	-	-	-
1,2-Dichloroethene (total)	µg/L	-	ND (10)	-	-	-	-	-
1,2-Dichloropropane	µg/L	1	ND (10)	-	-	-	-	-
1,3-Dichlorobenzene	µg/L	3	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/L	3	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	-	ND (10)	-	-	-	-	-
2-Hexanone	µg/L	-	ND (10)	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	-	ND (10)	-	-	-	-	-
Acetone	µg/L	-	2 J	-	-	-	-	-
Benzene	µg/L	1	ND (10)	-	-	-	-	-
Bromodichloromethane	µg/L	-	ND (10)	-	-	-	-	-
Bromoform	µg/L	-	ND (10)	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/L	5	ND (10)	-	-	-	-	-
Carbon disulfide	µg/L	60	ND (10)	-	-	-	-	-
Carbon tetrachloride	µg/L	5	ND (10)	-	-	-	-	-
Chlorobenzene	µg/L	5	ND (10)	-	-	-	-	-
Chloroethane	µg/L	5	ND (10)	-	-	-	-	-
Chloroform (Trichloromethane)	µg/L	7	ND (10)	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/L	5	ND (10)	-	-	-	-	-
cis-1,2-Dichloroethene	µg/L	5	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/L	-	ND (10)	-	-	-	-	-
Cyclohexane	µg/L	-	-	-	-	-	-	-
Dibromochloromethane	µg/L	-	ND (10)	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/L	5	-	-	-	-	-	-
Ethylbenzene	µg/L	5	ND (10)	-	-	-	-	-
Isopropyl benzene	µg/L	5	-	-	-	-	-	-
m&p-Xylenes	µg/L	-	-	-	-	-	-	-
Methyl acetate	µg/L	-	-	-	-	-	-	-
Methyl cyclohexane	µg/L	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/L	-	-	-	-	-	-	-
Methylene chloride	µg/L	5	ND (10)	-	-	-	-	-
o-Xylene	µg/L	5	-	-	-	-	-	-
Styrene	µg/L	5	ND (10)	-	-	-	-	-
Tetrachloroethene	µg/L	5	ND (10)	-	-	-	-	-
Toluene	µg/L	5	ND (10)	-	-	-	-	-
trans-1,2-Dichloroethene	µg/L	5	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/L	-	ND (10)	-	-	-	-	-
Trichloroethene	µg/L	5	ND (10)	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/L	5	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/L	5	-	-	-	-	-	-
Vinyl chloride	µg/L	2	ND (10)	-	-	-	-	-
Xylenes (total)	µg/L	-	ND (10)	-	-	-	-	-
Semi-Volatiles								
1,2,4-Trichlorobenzene	µg/L	5	ND (10)	-	-	-	-	-
1,2-Dichlorobenzene	µg/L	3	ND (10)	-	-	-	-	-
1,3-Dichlorobenzene	µg/L	3	ND (10)	-	-	-	-	-
1,4-Dichlorobenzene	µg/L	3	ND (10)	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	5	ND (10)	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW6*	*OW7*	*OW7*	*OW7*	*OW7*	*OW7*
Sample ID:			*GW-WPW-019*	*OW-7*	*OW-7*	*OW-7*	*OW-7*	*OW-7*
Sample Date:			*8/2/1999*	*11/1/1990*	*1/1/1991*	*4/1/1991*	*4/1/1991*	*6/1/1991*
		New York					*Duplicate*	
Parameter	*Units*	*TOGs Table 1*						
2,4,5-Trichlorophenol	µg/L	-	ND (25)	-	-	-	-	-
2,4,6-Trichlorophenol	µg/L	-	ND (10)	-	-	-	-	-
2,4-Dichlorophenol	µg/L	5	ND (10)	-	-	-	-	-
2,4-Dimethylphenol	µg/L	-	ND (10)	-	-	-	-	-
2,4-Dinitrophenol	µg/L	-	ND (25)	-	-	-	-	-
2,4-Dinitrotoluene	µg/L	5	ND (10)	-	-	-	-	-
2,6-Dinitrotoluene	µg/L	5	ND (10)	-	-	-	-	-
2-Chloronaphthalene	µg/L	-	ND (10)	-	-	-	-	-
2-Chlorophenol	µg/L	-	ND (10)	-	-	-	-	-
2-Methylnaphthalene	µg/L	-	ND (10)	-	-	-	-	-
2-Methylphenol	µg/L	-	ND (10)	-	-	-	-	-
2-Nitroaniline	µg/L	5	ND (25)	-	-	-	-	-
2-Nitrophenol	µg/L	-	ND (10)	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/L	5	ND (10)	-	-	-	-	-
3-Nitroaniline	µg/L	5	ND (25)	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/L	-	ND (25)	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/L	-	ND (10)	-	-	-	-	-
4-Chloro-3-methylphenol	µg/L	-	ND (10)	-	-	-	-	-
4-Chloroaniline	µg/L	5	ND (10)	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/L	-	ND (10)	-	-	-	-	-
4-Methylphenol	µg/L	-	ND (10)	-	-	-	-	-
4-Nitroaniline	µg/L	5	ND (25)	-	-	-	-	-
4-Nitrophenol	µg/L	-	ND (25)	-	-	-	-	-
Acenaphthene	µg/L	-	ND (10)	-	-	-	-	-
Acenaphthylene	µg/L	-	ND (10)	-	-	-	-	-
Acetophenone	µg/L	-	-	-	-	-	-	-
Anthracene	µg/L	-	ND (10)	-	-	-	-	-
Atrazine	µg/L	7.5	-	-	-	-	-	-
Benzaldehyde	µg/L	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/L	-	ND (10)	-	-	-	-	-
Benzo(a)pyrene	µg/L	-	ND (10)	-	-	-	-	-
Benzo(b)fluoranthene	µg/L	-	ND (10)	-	-	-	-	-
Benzo(g,h,i)perylene	µg/L	-	ND (10)	-	-	-	-	-
Benzo(k)fluoranthene	µg/L	-	ND (10)	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/L	5	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/L	5	ND (10)	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/L	1	ND (10)	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	5	3 J	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/L	-	ND (10)	-	-	-	-	-
Caprolactam	µg/L	-	-	-	-	-	-	-
Carbazole	µg/L	-	ND (10)	-	-	-	-	-
Chrysene	µg/L	-	ND (10)	-	-	-	-	-
Dibenz(a,h)anthracene	µg/L	-	ND (10)	-	-	-	-	-
Dibenz(a,j)acridine	µg/L	-	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/L	-	-	-	-	-	-	-
Dibenzofuran	µg/L	-	ND (10)	-	-	-	-	-
Diethyl phthalate	µg/L	-	ND (10)	-	-	-	-	-
Dimethyl phthalate	µg/L	-	ND (10)	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/L	50	ND (10)	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/L	-	ND (10)	-	-	-	-	-
Fluoranthene	µg/L	-	ND (10)	-	-	-	-	-
Fluorene	µg/L	-	ND (10)	-	-	-	-	-
Hexachlorobenzene	µg/L	0.04	ND (10)	-	-	-	-	-
Hexachlorobutadiene	µg/L	0.5	ND (10)	-	-	-	-	-
Hexachlorocyclopentadiene	µg/L	5	ND (10)	-	-	-	-	-
Hexachloroethane	µg/L	5	ND (10)	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/L	-	ND (10)	-	-	-	-	-
Isophorone	µg/L	-	ND (10)	-	-	-	-	-
Naphthalene	µg/L	-	ND (10)	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW6*	*OW7*	*OW7*	*OW7*	*OW7*	*OW7*
Sample ID:			*GW-WPW-019*	*OW-7*	*OW-7*	*OW-7*	*OW-7*	*OW-7*
Sample Date:			*8/2/1999*	*11/1/1990*	*1/1/1991*	*4/1/1991*	*4/1/1991*	*6/1/1991*
		New York					*Duplicate*	
Parameter	*Units*	*TOGs Table 1*						
Nitrobenzene	µg/L	0.4	ND (10)	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/L	-	ND (10)	-	-	-	-	-
N-Nitrosodiphenylamine	µg/L	-	ND (10)	-	-	-	-	-
Pentachlorophenol	µg/L	1	ND (25)	-	-	-	-	-
Phenanthrene	µg/L	-	ND (10)	-	-	-	-	-
Phenol	µg/L	1	ND (10)	-	-	-	-	-
Pyrene	µg/L	-	ND (10)	-	-	-	-	-
Metals								
Aluminum	µg/L	-	1080	-	-	-	-	-
Aluminum (dissolved)	µg/L	-	ND (6.0)	-	-	-	-	-
Antimony	µg/L	3	ND (7.2)	-	-	-	-	-
Antimony (dissolved)	µg/L	3	ND (7.2)	-	-	-	-	-
Arsenic	µg/L	25	14.5	-	-	-	-	-
Arsenic (dissolved)	µg/L	25	**122**	-	-	-	-	-
Barium	µg/L	1000	244	-	-	-	-	-
Barium (dissolved)	µg/L	1000	162	-	-	-	-	-
Beryllium	µg/L	-	0.27	-	-	-	-	-
Beryllium (dissolved)	µg/L	-	ND (0.10)	-	-	-	-	-
Cadmium	µg/L	5	1.5	3.5/ND (1)	**57/48.6**	4.3/ND (1)	**7.5**	ND (2.5)/ND (2.5) UJ
Cadmium (dissolved)	µg/L	5	ND (0.30)	ND (1)/ND (1)	**37.2/44.5**	-	-	ND (2.5)/ND (2.5)
Calcium	µg/L	-	94700	-	-	-	-	-
Calcium (dissolved)	µg/L	-	82300	-	-	-	-	-
Chromium	µg/L	50	2.8	-	-	-	-	-
Chromium Total (dissolved)	µg/L	50	ND (0.60)	-	-	-	-	-
Chromium VI (hexavalent)	µg/L	50	-	-	-	-	-	-
Chromium VI (hexavalent) (dissolved)	µg/L	50	-	-	-	-	-	-
Cobalt	µg/L	-	32.3	-	-	-	-	-
Cobalt (dissolved)	µg/L	-	ND (1.3)	-	-	-	-	-
Copper	µg/L	200	1.8	-	-	-	-	-
Copper (dissolved)	µg/L	200	ND (2.2)	-	-	-	-	-
Iron	µg/L	300	**95200**	-	-	-	-	-
Iron (dissolved)	µg/L	300	**1840**	-	-	-	-	-
Lead	µg/L	25	ND (7.3)	**2/68.4**	2.2/10.9	ND (2)/ND (2)	ND (2)	9.5/3.2
Lead (dissolved)	µg/L	25	ND (1.0)	ND (2)/ND (2)	ND (2)/ND (2)	ND (2.3)/ND (2)	ND (2)	ND (2)/ND (2)
Magnesium	µg/L	-	112000	-	-	-	-	-
Magnesium (dissolved)	µg/L	-	53600	-	-	-	-	-
Manganese	µg/L	300	250	-	-	-	-	-
Manganese (dissolved)	µg/L	300	210	-	-	-	-	-
Mercury	µg/L	0.7	**5.5**	-	-	-	-	-
Mercury (dissolved)	µg/L	0.7	ND (0.10)	-	-	-	-	-
Nickel	µg/L	100	**298**	-	-	-	-	-
Nickel (dissolved)	µg/L	100	2.3	-	-	-	-	-
Potassium	µg/L	-	115000 J	-	-	-	-	-
Potassium (dissolved)	µg/L	-	37800 J	-	-	-	-	-
Selenium	µg/L	10	ND (3.7)	-	-	-	-	-
Selenium (dissolved)	µg/L	10	ND (3.7)	-	-	-	-	-
Silver	µg/L	50	1.4	-	-	-	-	-
Silver (dissolved)	µg/L	50	ND (0.60)	-	-	-	-	-
Sodium	µg/L	20000	**1010000**	-	-	-	-	-
Sodium (dissolved)	µg/L	20000	**344000**	-	-	-	-	-
Thallium	µg/L	-	5.1	-	-	-	-	-
Thallium (dissolved)	µg/L	-	ND (2.2)	-	-	-	-	-
Vanadium	µg/L	-	9.1	-	-	-	-	-
Vanadium (dissolved)	µg/L	-	ND (1.1)	-	-	-	-	-
Zinc	µg/L	-	525	-	-	-	-	-
Zinc (dissolved)	µg/L	-	ND (4.2)	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW6*	*OW7*	*OW7*	*OW7*	*OW7*	*OW7*
Sample ID:			*GW-WPW-019*	*OW-7*	*OW-7*	*OW-7*	*OW-7*	*OW-7*
Sample Date:			*8/2/1999*	*11/1/1990*	*1/1/1991*	*4/1/1991*	*4/1/1991*	*6/1/1991*
Parameter	*Units*	*New York TOGs Table 1*					*Duplicate*	
PCBs								
Aroclor-1016 (PCB-1016)	µg/L	-	ND (1.0) J	-	-	-	-	-
Aroclor-1221 (PCB-1221)	µg/L	-	ND (2.0) J	-	-	-	-	-
Aroclor-1232 (PCB-1232)	µg/L	-	ND (1.0) J	-	-	-	-	-
Aroclor-1242 (PCB-1242)	µg/L	-	ND (1.0) J	-	-	-	-	-
Aroclor-1248 (PCB-1248)	µg/L	-	ND (1.0) J	-	-	-	-	-
Aroclor-1254 (PCB-1254)	µg/L	-	ND (1.0) J	-	-	-	-	-
Aroclor-1260 (PCB-1260)	µg/L	-	ND (1.0) J	-	-	-	-	-
Total PCBs	µg/L	-	ND	-	-	-	-	-
Pesticides								
4,4'-DDD	µg/L	0.3	ND (0.10) J	-	-	-	-	-
4,4'-DDE	µg/L	0.2	ND (0.10) J	-	-	-	-	-
4,4'-DDT	µg/L	0.2	ND (0.10) J	-	-	-	-	-
Aldrin	µg/L	-	ND (0.050) J	-	-	-	-	-
alpha-BHC	µg/L	0.01	ND (0.050) J	-	-	-	-	-
alpha-Chlordane	µg/L	-	ND (0.050) J	-	-	-	-	-
beta-BHC	µg/L	0.04	ND (0.050) J	-	-	-	-	-
delta-BHC	µg/L	0.04	ND (0.050) J	-	-	-	-	-
Dieldrin	µg/L	0.004	ND (0.10) J	-	-	-	-	-
Endosulfan I	µg/L	-	ND (0.050) J	-	-	-	-	-
Endosulfan II	µg/L	-	ND (0.10) J	-	-	-	-	-
Endosulfan sulfate	µg/L	-	ND (0.10) J	-	-	-	-	-
Endrin	µg/L	-	ND (0.10) J	-	-	-	-	-
Endrin aldehyde	µg/L	5	ND (0.10) J	-	-	-	-	-
Endrin ketone	µg/L	5	ND (0.10) J	-	-	-	-	-
gamma-BHC (lindane)	µg/L	0.05	ND (0.050) J	-	-	-	-	-
gamma-Chlordane	µg/L	-	ND (0.050) J	-	-	-	-	-
Heptachlor	µg/L	0.04	ND (0.050) J	-	-	-	-	-
Heptachlor epoxide	µg/L	0.03	ND (0.050) J	-	-	-	-	-
Methoxychlor	µg/L	35	ND (0.50) J	-	-	-	-	-
Toxaphene	µg/L	0.06	ND (5.0) J	-	-	-	-	-
General Chemistry								
Alkalinity, total (as CaCO3)	µg/L	-	-	-	-	-	-	-
Ammonia-N	µg/L	-	-	-	-	-	-	-
Biochemical oxygen demand (BOD)	µg/L	-	-	-	-	-	-	-
Biochemical oxygen demand (carbonaceous)	µg/L	-	-	-	-	-	-	-
Calcium carbonate	µg/L	-	-	-	-	-	-	-
Chemical oxygen demand (COD)	µg/L	-	-	-	-	-	-	-
Chloride	µg/L	250000	-	-	-	-	-	-
Conductivity	µmhos/cm	-	-	-	-	-	-	-
Cyanide (amenable)	µg/L	-	-	-	-	-	-	-
Cyanide (dissolved)	µg/L	-	ND (10.0)	-	-	-	-	-
Cyanide (total)	µg/L	200	ND (10.0)	-	-	-	-	-
Ignitability	deg C	-	-	-	-	-	-	-
Nitrate (as N)	µg/L	10000	-	-	-	-	-	-
Nitrite (as N)	µg/L	1000	-	-	-	-	-	-
Nitrite/Nitrate	µg/L	10000	-	-	-	-	-	-
Nitrogen	µg/L	-	-	-	-	-	-	-
pH	s.u.	6.5-8.5	-	-	-	-	-	-
pH (water)	s.u.	6.5-8.5	-	-	-	-	-	-
pH corrosivity	s.u.	-	-	-	-	-	-	-
Reactive cyanide	µg/L	-	-	-	-	-	-	-
Reactive sulfide	µg/L	-	-	-	-	-	-	-
Sulfate	µg/L	250000	-	-	-	-	-	-
Sulfide	µg/L	-	-	-	-	-	-	-
Total dissolved solids (TDS)	µg/L	500000	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW6*	*OW7*	*OW7*	*OW7*	*OW7*	*OW7*
Sample ID:			*GW-WPW-019*	*OW-7*	*OW-7*	*OW-7*	*OW-7*	*OW-7*
Sample Date:			*8/2/1999*	*11/1/1990*	*1/1/1991*	*4/1/1991*	*4/1/1991*	*6/1/1991*
		New York					*Duplicate*	
Parameter	*Units*	*TOGs Table 1*						
Total kjeldahl nitrogen (TKN)	µg/L	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/L	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/L	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Non-Polar Material - SGT HEM	µg/L	-	-	-	-	-	-	-
Total solids	µg/L	-	-	-	-	-	-	-
Total suspended solids (TSS)	µg/L	-	-	-	-	-	-	-
Field Parameters								
Conductivity, field	mS/cm	-	-	-	-	-	-	-
Dissolved oxygen (DO), field	µg/L	-	-	-	-	-	-	-
Oxidation reduction potential (ORP), field	millivolts	-	-	-	-	-	-	-
pH, field	s.u.	6.5-8.5	-	-	-	-	-	-
Salinity	%	-	-	-	-	-	-	-
Temperature, field	deg C	-	-	-	-	-	-	-
Turbidity	NTU	5	-	-	-	-	-	-

Notes:

(DT) - Analytical results for total and dissolved metals were originally reversed in the original analytical data package, and have been corrected in this table.

> - Greater than amount reported.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

S - Value determined by the method of standard addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

W - Post-digestion spike out of control limits.

- - Not applicable.

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW7*	*OW7*	*OW7*	*OW8-99*	*OW8-99*	*OW9-99*	*OW9-99*
Sample ID:			*OW-7*	*OW-7*	*GW-WPW-015*	*GW-WPW-033*	*GW-MEJ-008*	*GW-WPW-032*	*GW-MEJ-007*
Sample Date:			*11/1/1991*	*12/10/1993*	*8/2/1999*	*8/5/1999*	*9/15/2000*	*8/5/1999*	*9/15/2000*
Parameter	*Units*	*New York TOGs Table 1*							
Volatiles									
1,1,1-Trichloroethane	µg/L	5	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
1,1,2,2-Tetrachloroethane	µg/L	5	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
1,1,2-Trichloroethane	µg/L	1	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
1,1-Dichloroethane	µg/L	5	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
1,1-Dichloroethene	µg/L	5	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
1,2,4-Trichlorobenzene	µg/L	5	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	0.04	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/L	0.0006	-	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/L	3	-	-	-	-	-	-	-
1,2-Dichloroethane	µg/L	0.6	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
1,2-Dichloroethene (total)	µg/L	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
1,2-Dichloropropane	µg/L	1	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
1,3-Dichlorobenzene	µg/L	3	-	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/L	3	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	-	-	-	ND (10) J	ND (10)	ND (10)	ND (10)	ND (10)
2-Hexanone	µg/L	-	-	-	ND (10) J	ND (10)	ND (10)	ND (10)	ND (10)
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	-	-	-	ND (10) J	ND (10)	ND (10)	ND (10)	ND (10)
Acetone	µg/L	-	-	-	ND (10) J	2 J	ND (10)	ND (10)	ND (10)
Benzene	µg/L	1	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Bromodichloromethane	µg/L	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Bromoform	µg/L	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Bromomethane (Methyl bromide)	µg/L	5	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Carbon disulfide	µg/L	60	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Carbon tetrachloride	µg/L	5	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Chlorobenzene	µg/L	5	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Chloroethane	µg/L	5	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Chloroform (Trichloromethane)	µg/L	7	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Chloromethane (Methyl chloride)	µg/L	5	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
cis-1,2-Dichloroethene	µg/L	5	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/L	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Cyclohexane	µg/L	-	-	-	-	-	-	-	-
Dibromochloromethane	µg/L	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Dichlorodifluoromethane (CFC-12)	µg/L	5	-	-	-	-	-	-	-
Ethylbenzene	µg/L	5	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Isopropyl benzene	µg/L	5	-	-	-	-	-	-	-
m&p-Xylenes	µg/L	-	-	-	-	-	-	-	-
Methyl acetate	µg/L	-	-	-	-	-	-	-	-
Methyl cyclohexane	µg/L	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/L	-	-	-	-	-	-	-	-
Methylene chloride	µg/L	5	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
o-Xylene	µg/L	5	-	-	-	-	-	-	-
Styrene	µg/L	5	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Tetrachloroethene	µg/L	5	-	-	ND (10)	1 J	4 J	2 J	1 J
Toluene	µg/L	5	-	-	ND (10)	2 J	ND (10)	ND (10)	ND (10)
trans-1,2-Dichloroethene	µg/L	5	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/L	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Trichloroethene	µg/L	5	-	-	ND (10)	1 J	2 J	ND (10)	ND (10)
Trichlorofluoromethane (CFC-11)	µg/L	5	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/L	5	-	-	-	-	-	-	-
Vinyl chloride	µg/L	2	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Xylenes (total)	µg/L	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Semi-Volatiles									
1,2,4-Trichlorobenzene	µg/L	5	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
1,2-Dichlorobenzene	µg/L	3	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
1,3-Dichlorobenzene	µg/L	3	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
1,4-Dichlorobenzene	µg/L	3	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	5	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW7*	*OW7*	*OW7*	*OW8-99*	*OW8-99*	*OW9-99*	*OW9-99*
Sample ID:			*OW-7*	*OW-7*	*GW-WPW-015*	*GW-WPW-033*	*GW-MEJ-008*	*GW-WPW-032*	*GW-MEJ-007*
Sample Date:			*11/1/1991*	*12/10/1993*	*8/2/1999*	*8/5/1999*	*9/15/2000*	*8/5/1999*	*9/15/2000*
Parameter	*Units*	*New York TOGs Table 1*							
2,4,5-Trichlorophenol	µg/L	-	-	-	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)
2,4,6-Trichlorophenol	µg/L	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2,4-Dichlorophenol	µg/L	5	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2,4-Dimethylphenol	µg/L	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2,4-Dinitrophenol	µg/L	-	-	-	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)
2,4-Dinitrotoluene	µg/L	5	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2,6-Dinitrotoluene	µg/L	5	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2-Chloronaphthalene	µg/L	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2-Chlorophenol	µg/L	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2-Methylnaphthalene	µg/L	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2-Methylphenol	µg/L	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2-Nitroaniline	µg/L	5	-	-	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)
2-Nitrophenol	µg/L	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
3,3'-Dichlorobenzidine	µg/L	5	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
3-Nitroaniline	µg/L	5	-	-	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)
4,6-Dinitro-2-methylphenol	µg/L	-	-	-	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)
4-Bromophenyl phenyl ether	µg/L	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
4-Chloro-3-methylphenol	µg/L	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
4-Chloroaniline	µg/L	5	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
4-Chlorophenyl phenyl ether	µg/L	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
4-Methylphenol	µg/L	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
4-Nitroaniline	µg/L	5	-	-	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)
4-Nitrophenol	µg/L	-	-	-	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)
Acenaphthene	µg/L	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Acenaphthylene	µg/L	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Acetophenone	µg/L	-	-	-	-	-	-	-	-
Anthracene	µg/L	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Atrazine	µg/L	7.5	-	-	-	-	-	-	-
Benzaldehyde	µg/L	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/L	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Benzo(a)pyrene	µg/L	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Benzo(b)fluoranthene	µg/L	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Benzo(g,h,i)perylene	µg/L	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Benzo(k)fluoranthene	µg/L	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Biphenyl (1,1-Biphenyl)	µg/L	5	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/L	5	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
bis(2-Chloroethyl)ether	µg/L	1	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	5	-	-	1 J	3 J	ND (10)	1 J	ND (10)
Butyl benzylphthalate (BBP)	µg/L	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Caprolactam	µg/L	-	-	-	-	-	-	-	-
Carbazole	µg/L	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Chrysene	µg/L	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Dibenz(a,h)anthracene	µg/L	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Dibenz(a,j)acridine	µg/L	-	-	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/L	-	-	-	-	-	-	-	-
Dibenzofuran	µg/L	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Diethyl phthalate	µg/L	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Dimethyl phthalate	µg/L	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Di-n-butylphthalate (DBP)	µg/L	50	-	-	ND (10)	ND (10)	ND (10)	2 J	ND (10)
Di-n-octyl phthalate (DnOP)	µg/L	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Fluoranthene	µg/L	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Fluorene	µg/L	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Hexachlorobenzene	µg/L	0.04	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Hexachlorobutadiene	µg/L	0.5	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Hexachlorocyclopentadiene	µg/L	5	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Hexachloroethane	µg/L	5	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Indeno(1,2,3-cd)pyrene	µg/L	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Isophorone	µg/L	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Naphthalene	µg/L	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW7*	*OW7*	*OW7*	*OW8-99*	*OW8-99*	*OW9-99*	*OW9-99*
Sample ID:			*OW-7*	*OW-7*	*GW-WPW-015*	*GW-WPW-033*	*GW-MEJ-008*	*GW-WPW-032*	*GW-MEJ-007*
Sample Date:			*11/1/1991*	*12/10/1993*	*8/2/1999*	*8/5/1999*	*9/15/2000*	*8/5/1999*	*9/15/2000*
Parameter	*Units*	*New York TOGs Table 1*							
Nitrobenzene	µg/L	0.4	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
N-Nitrosodi-n-propylamine	µg/L	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
N-Nitrosodiphenylamine	µg/L	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Pentachlorophenol	µg/L	1	-	-	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)
Phenanthrene	µg/L	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Phenol	µg/L	1	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Pyrene	µg/L	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Metals									
Aluminum	µg/L	-	-	19400/71700	18000	459	594	197	75.5
Aluminum (dissolved)	µg/L	-	-	ND (23.2)/ND (23.2)	ND (57.4)	ND (6.0)	ND (12.2)	ND (6.0)	19.7
Antimony	µg/L	3	-	**150/R**	**23.6**	ND (7.2)	ND (1.7)	ND (7.2)	ND (1.7)
Antimony (dissolved)	µg/L	3	-	R/ND (57.7)	**19.5**	ND (7.2)	ND (1.7)	ND (7.2)	ND (1.7)
Arsenic	µg/L	25	-	**23.1/101**	**31.4**	ND (2.0)	ND (2.5)	ND (2.0)	ND (2.5)
Arsenic (dissolved)	µg/L	25	-	2.1 B/ND (1)	5.5	ND (2.0)	ND (2.5)	ND (2.0)	ND (2.5)
Barium	µg/L	1000	-	318/948	427	91.5	21.7	40.9	36.1
Barium (dissolved)	µg/L	1000	-	102 B/104 B	157	73.0	19.7	36.8	36.7
Beryllium	µg/L	-	-	5.5/0.73 B	1.1	ND (0.25)	ND (0.1)	0.19	ND (0.1)
Beryllium (dissolved)	µg/L	-	-	ND (0.6)/ND (0.6)	0.17	ND (0.10)	ND (0.1)	ND (0.10)	ND (0.1)
Cadmium	µg/L	5	**100.2**	**57.2/106**	**115**	1.1	**7.6**	0.96	1.3
Cadmium (dissolved)	µg/L	5	**84.7**	ND (2.3)/ND (1.8)	ND (0.30)	ND (0.30)	**7.5**	ND (0.71)	0.98
Calcium	µg/L	-	-	237000/225000	232000	117000	113000	110000	88200
Calcium (dissolved)	µg/L	-	-	214000/201000	220000	114000	128000	105000	92400
Chromium	µg/L	50	-	**819/709**	**743**	1.7	ND (3.5)	1.8	ND (3.5)
Chromium Total (dissolved)	µg/L	50	-	ND (2.3)/ND (1.5)	ND (0.60)	ND (0.60)	ND (3.5)	1.3	ND (3.5)
Chromium VI (hexavalent)	µg/L	50	-	ND (0.05)/ND (0.05)	-	-	-	-	-
Chromium VI (hexavalent) (dissolved)	µg/L	50	-	ND (0.05)/ND (0.05)	-	-	-	-	-
Cobalt	µg/L	-	-	293/78.3	82.4	ND (1.3)	4.4	ND (1.3)	ND (0.9)
Cobalt (dissolved)	µg/L	-	-	8.7 B/8.2 B	3.1	ND (1.3)	3.9	ND (1.3)	ND (0.9)
Copper	µg/L	200	-	**1600/1070**	**1630**	109	**2930**	51.4	149
Copper (dissolved)	µg/L	200	-	ND (21.2)/28.9	2.8	27.2	**4510**	30.5	37.9
Iron	µg/L	300	-	**126000/37500**	**35900**	**581**	**863**	230	100
Iron (dissolved)	µg/L	300	-	**514/370**	122	19.2	ND (3.6)	ND (5.2)	ND (3.6)
Lead	µg/L	25	4.5	**379/1590**	**436**	ND (1.2)	1.7	ND (1.0)	9.5
Lead (dissolved)	µg/L	25	ND (2)	ND (10)/ND (1)	ND (1.0)	ND (1.0)	ND (1.4)	ND (1.0)	ND (1.4)
Magnesium	µg/L	-	-	99700/101000	83100	44100	30500	38300	29200
Magnesium (dissolved)	µg/L	-	-	84900/81300	77600	45800	36700	37500	30600
Manganese	µg/L	300	-	**1810/588**	**626**	120	**575**	65.9	7.4
Manganese (dissolved)	µg/L	300	-	219/209	210	28.6	**545**	29.2	4.3
Mercury	µg/L	0.7	-	**ND (0.1)/5.3**	**2.8**	0.58	ND (0.1)	ND (0.10)	ND (0.1)
Mercury (dissolved)	µg/L	0.7	-	ND (0.1)/ND (0.1)	ND (0.10)	0.20	ND (0.1)	ND (0.10)	ND (0.1)
Nickel	µg/L	100	-	**402/134**	**203**	69.0	**691**	**150**	**118**
Nickel (dissolved)	µg/L	100	-	24 B/10.8 B	16.6	37.0	**696**	**132**	**119**
Potassium	µg/L	-	-	59000/60200	69000 J	3610 J	5740	4560 J	5140
Potassium (dissolved)	µg/L	-	-	55500/43900	66800 J	3090 J	6150	4530 J	5600
Selenium	µg/L	10	-	**6.3/39.4 B**	**24.5**	**34.2**	**699**	**37.0**	**684**
Selenium (dissolved)	µg/L	10	-	ND (1.2)/ND (1.2)	ND (3.7)	**22.5**	**688**	**35.1**	**748**
Silver	µg/L	50	-	6.9 B/ND (22.7)	14.6	ND (0.60)	ND (1.7) J	ND (0.60)	ND (0.94) J
Silver (dissolved)	µg/L	50	-	ND (3.9)/ND (5.5)	ND (1.9)	ND (0.60)	ND (1) J	ND (0.60)	ND (0.64) J
Sodium	µg/L	20000	-	**368000/477000**	**359000**	**33900**	**30500**	**25700**	**28200**
Sodium (dissolved)	µg/L	20000	-	**20000/483000**	**355000**	**32700**	**33900**	**26200**	**30100**
Thallium	µg/L	-	-	ND (10)/6.1 B	ND (11.9)	2.9	ND (2.3)	2.6	ND (2.3)
Thallium (dissolved)	µg/L	-	-	ND (1)/ND (1)	ND (5.0)	ND (2.2)	ND (2.3)	ND (2.2)	ND (2.3)
Vanadium	µg/L	-	-	199/63.4	52.5	1.5	1.7	ND (1.1)	0.94
Vanadium (dissolved)	µg/L	-	-	20.1 B/25 B	12.8	ND (1.1)	ND (0.7)	ND (1.1)	ND (0.7)
Zinc	µg/L	-	-	22000/6020	12700	28.4	387	11.9	19.3
Zinc (dissolved)	µg/L	-	-	ND (12.8)/ND (3.1)	229	19.0	382	13.5	11

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW7*	*OW7*	*OW7*	*OW8-99*	*OW8-99*	*OW9-99*	*OW9-99*
Sample ID:			*OW-7*	*OW-7*	*GW-WPW-015*	*GW-WPW-033*	*GW-MEJ-008*	*GW-WPW-032*	*GW-MEJ-007*
Sample Date:			*11/1/1991*	*12/10/1993*	*8/2/1999*	*8/5/1999*	*9/15/2000*	*8/5/1999*	*9/15/2000*
Parameter	*Units*	*New York TOGs Table 1*							
PCBs									
Aroclor-1016 (PCB-1016)	µg/L	-	-	-	ND (1.0)	ND (1.0)	ND (1)	ND (1.0)	ND (1)
Aroclor-1221 (PCB-1221)	µg/L	-	-	-	ND (2.0)	ND (2.0)	ND (2)	ND (2.0)	ND (2)
Aroclor-1232 (PCB-1232)	µg/L	-	-	-	ND (1.0)	ND (1.0)	ND (1)	ND (1.0)	ND (1)
Aroclor-1242 (PCB-1242)	µg/L	-	-	-	ND (1.0)	ND (1.0)	ND (1)	ND (1.0)	ND (1)
Aroclor-1248 (PCB-1248)	µg/L	-	-	-	ND (1.0)	ND (1.0)	ND (1)	ND (1.0)	ND (1)
Aroclor-1254 (PCB-1254)	µg/L	-	-	-	ND (1.0)	ND (1.0)	ND (1)	ND (1.0)	ND (1)
Aroclor-1260 (PCB-1260)	µg/L	-	-	-	ND (1.0)	ND (1.0)	ND (1)	ND (1.0)	ND (1)
Total PCBs	µg/L	-	-	-	ND	ND	ND	ND	ND
Pesticides									
4,4'-DDD	µg/L	0.3	-	-	ND (0.10)	ND (0.10)	ND (0.1)	ND (0.10)	ND (0.1)
4,4'-DDE	µg/L	0.2	-	-	ND (0.10)	ND (0.10)	ND (0.1)	ND (0.10)	ND (0.1)
4,4'-DDT	µg/L	0.2	-	-	ND (0.10)	ND (0.10)	ND (0.1)	ND (0.10)	ND (0.1)
Aldrin	µg/L	-	-	-	ND (0.050)	ND (0.050)	ND (0.05)	ND (0.050)	ND (0.05)
alpha-BHC	µg/L	0.01	-	-	ND (0.050)	ND (0.050)	ND (0.05)	ND (0.050)	ND (0.05)
alpha-Chlordane	µg/L	-	-	-	ND (0.050)	ND (0.050)	ND (0.05)	ND (0.050)	ND (0.05)
beta-BHC	µg/L	0.04	-	-	ND (0.050)	ND (0.050)	ND (0.05)	ND (0.050)	ND (0.05)
delta-BHC	µg/L	0.04	-	-	ND (0.050)	ND (0.050)	ND (0.05)	ND (0.050)	ND (0.05)
Dieldrin	µg/L	0.004	-	-	ND (0.10)	ND (0.10)	ND (0.1)	ND (0.10)	ND (0.1)
Endosulfan I	µg/L	-	-	-	ND (0.050)	ND (0.050)	ND (0.05)	ND (0.050)	ND (0.05)
Endosulfan II	µg/L	-	-	-	ND (0.10)	ND (0.10)	ND (0.1)	ND (0.10)	ND (0.1)
Endosulfan sulfate	µg/L	-	-	-	ND (0.10)	ND (0.10)	ND (0.1)	ND (0.10)	ND (0.1)
Endrin	µg/L	-	-	-	ND (0.10)	ND (0.10)	ND (0.1)	ND (0.10)	ND (0.1)
Endrin aldehyde	µg/L	5	-	-	ND (0.10)	ND (0.10)	ND (0.1)	ND (0.10)	ND (0.1)
Endrin ketone	µg/L	5	-	-	ND (0.10)	ND (0.10)	ND (0.1)	ND (0.10)	ND (0.1)
gamma-BHC (lindane)	µg/L	0.05	-	-	ND (0.050)	ND (0.050)	ND (0.05)	ND (0.050)	ND (0.05)
gamma-Chlordane	µg/L	-	-	-	ND (0.050)	ND (0.050)	ND (0.05)	ND (0.050)	ND (0.05)
Heptachlor	µg/L	0.04	-	-	ND (0.050)	ND (0.050)	ND (0.05)	ND (0.050)	ND (0.05)
Heptachlor epoxide	µg/L	0.03	-	-	ND (0.050)	ND (0.050)	ND (0.05)	ND (0.050)	ND (0.05)
Methoxychlor	µg/L	35	-	-	ND (0.50)	ND (0.50)	ND (0.5)	ND (0.50)	ND (0.5)
Toxaphene	µg/L	0.06	-	-	ND (5.0)	ND (5.0)	ND (5)	ND (5.0)	ND (5)
General Chemistry									
Alkalinity, total (as CaCO3)	µg/L	-	-	-	-	-	-	-	-
Ammonia-N	µg/L	-	-	-	-	-	-	-	-
Biochemical oxygen demand (BOD)	µg/L	-	-	-	-	-	-	-	-
Biochemical oxygen demand (carbonaceous)	µg/L	-	-	-	-	-	-	-	-
Calcium carbonate	µg/L	-	-	-	-	-	-	-	-
Chemical oxygen demand (COD)	µg/L	-	-	-	-	-	-	-	-
Chloride	µg/L	250000	-	822/532	-	-	-	-	-
Conductivity	µmhos/cm	-	-	2300/3150	-	-	-	-	-
Cyanide (amenable)	µg/L	-	-	-	-	-	-	-	-
Cyanide (dissolved)	µg/L	-	-	-	ND (10.0)	ND (10.0)	ND (10)	ND (10.0)	ND (10)
Cyanide (total)	µg/L	200	-	22.1/14.5	ND (10.0)	ND (10.0)	ND (10)	ND (10.0)	ND (10)
Ignitability	deg C	-	-	-	-	-	-	-	-
Nitrate (as N)	µg/L	10000	-	-	-	-	-	-	-
Nitrite (as N)	µg/L	1000	-	-	-	-	-	-	-
Nitrite/Nitrate	µg/L	10000	-	-	-	-	-	-	-
Nitrogen	µg/L	-	-	-	-	-	-	-	-
pH	s.u.	6.5-8.5	-	7.43/6.95	-	-	-	-	-
pH (water)	s.u.	6.5-8.5	-	-	-	-	-	-	-
pH corrosivity	s.u.	-	-	7.29/7.36	-	-	-	-	-
Reactive cyanide	µg/L	-	-	ND (0.05)/ND (0.05)	-	-	-	-	-
Reactive sulfide	µg/L	-	-	ND (1)/3.96	-	-	-	-	-
Sulfate	µg/L	250000	-	-	-	-	-	-	-
Sulfide	µg/L	-	-	-	-	-	-	-	-
Total dissolved solids (TDS)	µg/L	500000	-	1900/2320	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW7*	*OW7*	*OW7*	*OW8-99*	*OW8-99*	*OW9-99*	*OW9-99*
Sample ID:			*OW-7*	*OW-7*	*GW-WPW-015*	*GW-WPW-033*	*GW-MEJ-008*	*GW-WPW-032*	*GW-MEJ-007*
Sample Date:			*11/1/1991*	*12/10/1993*	*8/2/1999*	*8/5/1999*	*9/15/2000*	*8/5/1999*	*9/15/2000*
Parameter	*Units*	*New York TOGs Table 1*							
Total kjeldahl nitrogen (TKN)	µg/L	-	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/L	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/L	-	-	0.111/ND (0.101)	-	-	-	-	-
Total Petroleum Hydrocarbons - Non-Polar Material - SGT HEM	µg/L	-	-	-	-	-	-	-	-
Total solids	µg/L	-	-	-	-	-	-	-	-
Total suspended solids (TSS)	µg/L	-	-	-	-	-	-	-	-
Field Parameters									
Conductivity, field	mS/cm	-	-	-	-	-	-	-	-
Dissolved oxygen (DO), field	µg/L	-	-	-	-	-	-	-	-
Oxidation reduction potential (ORP), field	millivolts	-	-	-	-	-	-	-	-
pH, field	s.u.	6.5-8.5	-	-	-	-	-	-	-
Salinity	%	-	-	-	-	-	-	-	-
Temperature, field	deg C	-	-	16/15	-	-	-	-	-
Turbidity	NTU	5	-	-	-	-	-	-	-

Notes:

(DT) - Analytical results for total and dissolved metals were originally reversed in the original analytical data package, and have been corrected in this table.

> - Greater than amount reported.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

S - Value determined by the method of standard addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

W - Post-digestion spike out of control limits.

- - Not applicable.

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW10-99*	*OW10-99*	*OW10-99*	*OW10-99*	*OW10-99*	*OW11-99*
Sample ID:			*GW-WPW-029*	*GW-MEJ-002*	*GW-MEJ-003*	*GW-34084-123003-RAM-005*	*GW-34084-040204-RR-008*	*GW-WPW-030*
Sample Date:			*8/4/1999*	*9/15/2000*	*9/15/2000*	*12/30/2003*	*4/2/2004*	*8/4/1999*
					Duplicate			
Parameter	*Units*	*New York TOGs Table 1*						
Volatiles								
1,1,1-Trichloroethane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)
1,1,2,2-Tetrachloroethane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)
1,1,2-Trichloroethane	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)
1,1-Dichloroethane	µg/L	5	7 J	7 J	6 J	6 J	-	ND (10)
1,1-Dichloroethene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)
1,2,4-Trichlorobenzene	µg/L	5	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	0.04	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/L	0.0006	-	-	-	-	-	-
1,2-Dichlorobenzene	µg/L	3	-	-	-	-	-	-
1,2-Dichloroethane	µg/L	0.6	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)
1,2-Dichloroethene (total)	µg/L	-	1 J	1 J	1 J	2 J	-	ND (10)
1,2-Dichloropropane	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)
1,3-Dichlorobenzene	µg/L	3	-	-	-	-	-	-
1,4-Dichlorobenzene	µg/L	3	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10) UJ	-	ND (10)
2-Hexanone	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10) UJ	-	ND (10)
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10) UJ	-	ND (10)
Acetone	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10) UJ	-	ND (10)
Benzene	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)
Bromodichloromethane	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)
Bromoform	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10) UJ	-	ND (10)
Bromomethane (Methyl bromide)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)
Carbon disulfide	µg/L	60	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)
Carbon tetrachloride	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)
Chlorobenzene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)
Chloroethane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)
Chloroform (Trichloromethane)	µg/L	7	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)
Chloromethane (Methyl chloride)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)
cis-1,2-Dichloroethene	µg/L	5	-	-	-	-	-	-
cis-1,3-Dichloropropene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)
Cyclohexane	µg/L	-	-	-	-	-	-	-
Dibromochloromethane	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)
Dichlorodifluoromethane (CFC-12)	µg/L	5	-	-	-	-	-	-
Ethylbenzene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)
Isopropyl benzene	µg/L	5	-	-	-	-	-	-
m&p-Xylenes	µg/L	-	-	-	-	-	-	-
Methyl acetate	µg/L	-	-	-	-	-	-	-
Methyl cyclohexane	µg/L	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/L	-	-	-	-	-	-	-
Methylene chloride	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)
o-Xylene	µg/L	5	-	-	-	-	-	-
Styrene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)
Tetrachloroethene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10) UJ	-	ND (10)
Toluene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)
trans-1,2-Dichloroethene	µg/L	5	-	-	-	-	-	-
trans-1,3-Dichloropropene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)
Trichloroethene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)
Trichlorofluoromethane (CFC-11)	µg/L	5	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/L	5	-	-	-	-	-	-
Vinyl chloride	µg/L	2	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)
Xylenes (total)	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)
Semi-Volatiles								
1,2,4-Trichlorobenzene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)
1,2-Dichlorobenzene	µg/L	3	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)
1,3-Dichlorobenzene	µg/L	3	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)
1,4-Dichlorobenzene	µg/L	3	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW10-99*	*OW10-99*	*OW10-99*	*OW10-99*	*OW10-99*	*OW11-99*
Sample ID:			*GW-WPW-029*	*GW-MEJ-002*	*GW-MEJ-003*	*GW-34084-123003-RAM-005*	*GW-34084-040204-RR-008*	*GW-WPW-030*
Sample Date:			*8/4/1999*	*9/15/2000*	*9/15/2000*	*12/30/2003*	*4/2/2004*	*8/4/1999*
		New York			*Duplicate*			
Parameter	*Units*	*TOGs Table 1*						
2,4,5-Trichlorophenol	µg/L	-	ND (25)	ND (25)	ND (25)	ND (25)	-	ND (25)
2,4,6-Trichlorophenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)
2,4-Dichlorophenol	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)
2,4-Dimethylphenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)
2,4-Dinitrophenol	µg/L	-	ND (25)	ND (25)	ND (25)	ND (25)	-	ND (25)
2,4-Dinitrotoluene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)
2,6-Dinitrotoluene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)
2-Chloronaphthalene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)
2-Chlorophenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)
2-Methylnaphthalene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)
2-Methylphenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)
2-Nitroaniline	µg/L	5	ND (25)	ND (25)	ND (25)	ND (25)	-	ND (25)
2-Nitrophenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)
3,3'-Dichlorobenzidine	µg/L	5	ND (10)	ND (10)	ND (10)	ND (20)	-	ND (10)
3-Nitroaniline	µg/L	5	ND (25)	ND (25)	ND (25)	ND (25)	-	ND (25)
4,6-Dinitro-2-methylphenol	µg/L	-	ND (25)	ND (10)	ND (25)	ND (25)	-	ND (25)
4-Bromophenyl phenyl ether	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)
4-Chloro-3-methylphenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)
4-Chloroaniline	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)
4-Chlorophenyl phenyl ether	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)
4-Methylphenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)
4-Nitroaniline	µg/L	5	ND (25)	ND (25)	ND (25)	ND (25)	-	ND (25)
4-Nitrophenol	µg/L	-	ND (25)	ND (25)	ND (25)	ND (25)	-	ND (25)
Acenaphthene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)
Acenaphthylene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)
Acetophenone	µg/L	-	-	-	-	-	-	-
Anthracene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)
Atrazine	µg/L	7.5	-	-	-	-	-	-
Benzaldehyde	µg/L	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)
Benzo(a)pyrene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)
Benzo(b)fluoranthene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)
Benzo(g,h,i)perylene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)
Benzo(k)fluoranthene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)
Biphenyl (1,1-Biphenyl)	µg/L	5	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)
bis(2-Chloroethyl)ether	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	5	5 J	ND (10)	ND (10)	ND (10)	-	2 J
Butyl benzylphthalate (BBP)	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)
Caprolactam	µg/L	-	-	-	-	-	-	-
Carbazole	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)
Chrysene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)
Dibenz(a,h)anthracene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)
Dibenz(a,j)acridine	µg/L	-	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/L	-	-	-	-	-	-	-
Dibenzofuran	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)
Diethyl phthalate	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)
Dimethyl phthalate	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)
Di-n-butylphthalate (DBP)	µg/L	50	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)
Di-n-octyl phthalate (DnOP)	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)
Fluoranthene	µg/L	-	1 J	2 J	2 J	1 J	-	1 J
Fluorene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)
Hexachlorobenzene	µg/L	0.04	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)
Hexachlorobutadiene	µg/L	0.5	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)
Hexachlorocyclopentadiene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)
Hexachloroethane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)
Indeno(1,2,3-cd)pyrene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)
Isophorone	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)
Naphthalene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW10-99*	*OW10-99*	*OW10-99*	*OW10-99*	*OW10-99*	*OW11-99*
Sample ID:			*GW-WPW-029*	*GW-MEJ-002*	*GW-MEJ-003*	*GW-34084-123003-RAM-005*	*GW-34084-040204-RR-008*	*GW-WPW-030*
Sample Date:			*8/4/1999*	*9/15/2000*	*9/15/2000*	*12/30/2003*	*4/2/2004*	*8/4/1999*
		New York			*Duplicate*			
Parameter	*Units*	*TOGs Table 1*						
Nitrobenzene	µg/L	0.4	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)
N-Nitrosodi-n-propylamine	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)
N-Nitrosodiphenylamine	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)
Pentachlorophenol	µg/L	1	ND (25)	ND (25)	ND (25)	ND (25)	-	ND (25)
Phenanthrene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)	-	1 J
Phenol	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)
Pyrene	µg/L	-	1 J	1 J	1 J	ND (10)	-	1 J
Metals								
Aluminum	µg/L	-	11600	1250	4830	244	218	9070
Aluminum (dissolved)	µg/L	-	ND (6.0)	ND (12.2)	ND (12.2)	-	-	6160
Antimony	µg/L	3	ND (7.2)	ND (1.7)	ND (1.7)	ND (2.8)	ND (1.6)	ND (7.2)
Antimony (dissolved)	µg/L	3	ND (7.2)	ND (1.7)	2	-	-	ND (7.2)
Arsenic	µg/L	25	**92.4**	**25.2**	**34**	12.1	**55.8**	**259**
Arsenic (dissolved)	µg/L	25	**25.9**	13.3	14	-	-	**175**
Barium	µg/L	1000	129	61.1	89.4	30.7	27.6 J	25.8
Barium (dissolved)	µg/L	1000	39.4	42.5	45	-	-	17.1
Beryllium	µg/L	-	1.3	0.17	0.25	ND (0.12) U	ND (0.10)	2.6
Beryllium (dissolved)	µg/L	-	ND (0.10)	ND (0.1)	ND (0.1)	-	-	1.8
Cadmium	µg/L	5	**5.2**	ND (0.4)	0.94	ND (0.30)	ND (0.20)	**113**
Cadmium (dissolved)	µg/L	5	ND (0.30)	ND (0.4)	ND (0.4)	-	-	**101**
Calcium	µg/L	-	145000	387000	431000	343000	340000	349000
Calcium (dissolved)	µg/L	-	146000	362000	392000	-	-	327000
Chromium	µg/L	50	19.0	ND (3.5)	10	0.79	1.7 J	7.5
Chromium Total (dissolved)	µg/L	50	ND (0.60)	ND (3.5)	ND (3.5)	-	-	2.2
Chromium VI (hexavalent)	µg/L	50	-	-	-	-	-	-
Chromium VI (hexavalent) (dissolved)	µg/L	50	-	-	-	-	-	-
Cobalt	µg/L	-	8.1	5.2	7.8	ND (1.6)	2.0 J	512
Cobalt (dissolved)	µg/L	-	2.6	3.2	4.3	-	-	485
Copper	µg/L	200	**2730**	177	**619**	20.7	27.0	**53000**
Copper (dissolved)	µg/L	200	ND (6.3)	ND (1.5)	ND (1.5)	-	-	**51000**
Iron	µg/L	300	**19000**	**16900**	**26400**	**8660**	**11300**	**119000**
Iron (dissolved)	µg/L	300	**2890**	**15100**	**15900**	-	-	**109000**
Lead	µg/L	25	**1260**	**135**	**266**	11.7	14.2	**2470**
Lead (dissolved)	µg/L	25	ND (1.0)	1.5	2.2	-	-	**847**
Magnesium	µg/L	-	28900	86000	108000	56700	55100	65500
Magnesium (dissolved)	µg/L	-	28200	81700	90900	-	-	62600
Manganese	µg/L	300	**677**	**1170**	**1570**	**741**	**766**	**3890**
Manganese (dissolved)	µg/L	300	**587**	**1130**	**1240**	-	-	**3520**
Mercury	µg/L	0.7	**2.2**	ND (0.1)	**1.2**	ND (0.10)	ND (0.10)	**9.9**
Mercury (dissolved)	µg/L	0.7	ND (0.10)	ND (0.1)	ND (0.1)	-	-	ND (0.10)
Nickel	µg/L	100	42.5	27.6	34.6	9.5	11.5 J	**66000**
Nickel (dissolved)	µg/L	100	12.5	19.2	22.7	-	-	**61900**
Potassium	µg/L	-	13400 J	24700	26300	20200 J	19100	13100 J
Potassium (dissolved)	µg/L	-	12900 J	21800	23500	-	-	12400 J
Selenium	µg/L	10	ND (3.7)	ND (3.4)	ND (5.6)	3.6 J	5.6	**684**
Selenium (dissolved)	µg/L	10	ND (3.7)	3	2.3	-	-	**650**
Silver	µg/L	50	ND (0.60)	ND (2) J	ND (3.2) J	ND (0.40)	ND (0.50)	1.0
Silver (dissolved)	µg/L	50	ND (0.60)	ND (0.98) J	ND (0.75) J	-	-	0.67
Sodium	µg/L	20000	**56400**	**94600**	**103000**	**85800**	**80500**	**120000**
Sodium (dissolved)	µg/L	20000	**57000**	**87900**	**94600**	-	-	**116000**
Thallium	µg/L	-	ND (2.2)	ND (2.3)	ND (2.3)	ND (2.3)	2.3 J	9.3
Thallium (dissolved)	µg/L	-	ND (2.2)	ND (2.3)	ND (2.3)	-	-	5.8
Vanadium	µg/L	-	46.9	2.1	9.9	ND (1.3)	ND (1.0)	38.2
Vanadium (dissolved)	µg/L	-	ND (1.1)	ND (0.7)	ND (0.7)	-	-	19.9
Zinc	µg/L	-	619	122	465	56.4	28.5	7740
Zinc (dissolved)	µg/L	-	36.8	62.9	76.6	-	-	7150

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW10-99*	*OW10-99*	*OW10-99*	*OW10-99*	*OW10-99*	*OW11-99*
Sample ID:			*GW-WPW-029*	*GW-MEJ-002*	*GW-MEJ-003*	*GW-34084-123003-RAM-005*	*GW-34084-040204-RR-008*	*GW-WPW-030*
Sample Date:			*8/4/1999*	*9/15/2000*	*9/15/2000*	*12/30/2003*	*4/2/2004*	*8/4/1999*
		New York			*Duplicate*			
Parameter	*Units*	*TOGs Table 1*						
PCBs								
Aroclor-1016 (PCB-1016)	µg/L	-	ND (1.0) J	ND (1)	ND (1)	ND (1.0)	-	ND (1.0) J
Aroclor-1221 (PCB-1221)	µg/L	-	ND (2.0) J	ND (2)	ND (2)	ND (2.0)	-	ND (2.0) J
Aroclor-1232 (PCB-1232)	µg/L	-	ND (1.0) J	ND (1)	ND (1)	ND (1.0)	-	ND (1.0) J
Aroclor-1242 (PCB-1242)	µg/L	-	ND (1.0) J	ND (1)	ND (1)	ND (1.0)	-	ND (1.0) J
Aroclor-1248 (PCB-1248)	µg/L	-	ND (1.0) J	ND (1)	ND (1)	ND (1.0)	-	ND (1.0) J
Aroclor-1254 (PCB-1254)	µg/L	-	ND (1.0) J	ND (1)	ND (1)	ND (1.0)	-	ND (1.0) J
Aroclor-1260 (PCB-1260)	µg/L	-	ND (1.0) J	ND (1)	ND (1)	ND (1.0)	-	ND (1.0) J
Total PCBs	µg/L	-	ND	ND	ND	ND	-	ND
Pesticides								
4,4'-DDD	µg/L	0.3	ND (0.10) J	ND (0.1)	ND (0.1)	ND (0.10)	-	ND (0.10) J
4,4'-DDE	µg/L	0.2	ND (0.10) J	ND (0.1)	ND (0.1)	ND (0.10)	-	ND (0.10) J
4,4'-DDT	µg/L	0.2	ND (0.10) J	ND (0.1)	ND (0.1)	ND (0.10)	-	ND (0.10) J
Aldrin	µg/L	-	ND (0.050) J	ND (0.05)	ND (0.05)	ND (0.050)	-	ND (0.050) J
alpha-BHC	µg/L	0.01	ND (0.050) J	**0.032 JP**	ND (0.05)	ND (0.050)	-	ND (0.050) J
alpha-Chlordane	µg/L	-	ND (0.050) J	ND (0.05)	ND (0.05)	ND (0.050)	-	ND (0.050) J
beta-BHC	µg/L	0.04	ND (0.050) J	ND (0.05)	ND (0.05)	ND (0.050)	-	ND (0.050) J
delta-BHC	µg/L	0.04	ND (0.050) J	ND (0.05)	ND (0.05)	ND (0.050)	-	ND (0.050) J
Dieldrin	µg/L	0.004	ND (0.10) J	ND (0.1)	ND (0.1)	ND (0.10)	-	ND (0.10) J
Endosulfan I	µg/L	-	ND (0.050) J	0.025 JP	ND (0.05)	ND (0.050)	-	ND (0.050) J
Endosulfan II	µg/L	-	ND (0.10) J	ND (0.1)	ND (0.1)	ND (0.10)	-	ND (0.10) J
Endosulfan sulfate	µg/L	-	ND (0.10) J	ND (0.1)	ND (0.1)	ND (0.10)	-	ND (0.10) J
Endrin	µg/L	-	ND (0.10) J	ND (0.1)	ND (0.1)	ND (0.10)	-	ND (0.10) J
Endrin aldehyde	µg/L	5	ND (0.10) J	ND (0.1)	ND (0.1)	ND (0.10)	-	ND (0.10) J
Endrin ketone	µg/L	5	ND (0.10) J	ND (0.1)	ND (0.1)	ND (0.10)	-	ND (0.10) J
gamma-BHC (lindane)	µg/L	0.05	ND (0.050) J	ND (0.05)	ND (0.05)	ND (0.050)	-	ND (0.050) J
gamma-Chlordane	µg/L	-	ND (0.050) J	0.026 JP	ND (0.05)	ND (0.050)	-	ND (0.050) J
Heptachlor	µg/L	0.04	ND (0.050) J	ND (0.05)	ND (0.05)	ND (0.050)	-	ND (0.050) J
Heptachlor epoxide	µg/L	0.03	ND (0.050) J	ND (0.05)	ND (0.05)	ND (0.050)	-	ND (0.050) J
Methoxychlor	µg/L	35	ND (0.50) J	ND (0.5)	ND (0.5)	ND (0.50)	-	ND (0.50) J
Toxaphene	µg/L	0.06	ND (5.0) J	ND (5)	ND (5)	ND (5.0)	-	ND (5.0) J
General Chemistry								
Alkalinity, total (as CaCO3)	µg/L	-	-	-	-	-	-	-
Ammonia-N	µg/L	-	-	-	-	-	-	-
Biochemical oxygen demand (BOD)	µg/L	-	-	-	-	-	-	-
Biochemical oxygen demand (carbonaceous)	µg/L	-	-	-	-	-	-	-
Calcium carbonate	µg/L	-	-	-	-	-	-	-
Chemical oxygen demand (COD)	µg/L	-	-	-	-	-	-	-
Chloride	µg/L	250000	-	-	-	-	-	-
Conductivity	µmhos/cm	-	-	-	-	-	-	-
Cyanide (amenable)	µg/L	-	-	-	-	-	-	-
Cyanide (dissolved)	µg/L	-	ND (10.0)	ND (10)	ND (10)	-	-	ND (10.0)
Cyanide (total)	µg/L	200	ND (10.0)	ND (10)	ND (10)	ND (10.0)	-	ND (10.0)
Ignitability	deg C	-	-	-	-	-	-	-
Nitrate (as N)	µg/L	10000	-	-	-	-	-	-
Nitrite (as N)	µg/L	1000	-	-	-	-	-	-
Nitrite/Nitrate	µg/L	10000	-	-	-	-	-	-
Nitrogen	µg/L	-	-	-	-	-	-	-
pH	s.u.	6.5-8.5	-	-	-	-	-	-
pH (water)	s.u.	6.5-8.5	-	-	-	-	-	-
pH corrosivity	s.u.	-	-	-	-	-	-	-
Reactive cyanide	µg/L	-	-	-	-	-	-	-
Reactive sulfide	µg/L	-	-	-	-	-	-	-
Sulfate	µg/L	250000	-	-	-	-	-	-
Sulfide	µg/L	-	-	-	-	-	-	-
Total dissolved solids (TDS)	µg/L	500000	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW10-99*	*OW10-99*	*OW10-99*	*OW10-99*	*OW10-99*	*OW11-99*
Sample ID:			*GW-WPW-029*	*GW-MEJ-002*	*GW-MEJ-003*	*GW-34084-123003-RAM-005*	*GW-34084-040204-RR-008*	*GW-WPW-030*
Sample Date:			*8/4/1999*	*9/15/2000*	*9/15/2000*	*12/30/2003*	*4/2/2004*	*8/4/1999*
		New York			*Duplicate*			
Parameter	*Units*	*TOGs Table 1*						
Total kjeldahl nitrogen (TKN)	µg/L	-	-	-	-	-	-	-
Total organic carbon (TOC)	µg/L	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/L	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Non-Polar Material - SGT HEM	µg/L	-	-	-	-	-	-	-
Total solids	µg/L	-	-	-	-	-	-	-
Total suspended solids (TSS)	µg/L	-	-	-	-	-	-	-
Field Parameters								
Conductivity, field	mS/cm	-	-	-	-	-	-	-
Dissolved oxygen (DO), field	µg/L	-	-	-	-	-	-	-
Oxidation reduction potential (ORP), field	millivolts	-	-	-	-	-	-	-
pH, field	s.u.	6.5-8.5	-	-	-	-	-	-
Salinity	%	-	-	-	-	-	-	-
Temperature, field	deg C	-	-	-	-	-	-	-
Turbidity	NTU	5	-	-	-	-	-	-

Notes:

(DT) - Analytical results for total and dissolved metals were originally reversed in the original analytical data package, and have been corrected in this table.

> - Greater than amount reported.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

S - Value determined by the method of standard addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

W - Post-digestion spike out of control limits.

- - Not applicable.

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW11-99*	*OW11-99*	*OW11-99*	*OW11-99*	*OW11D-03*
Sample ID:			*S-JRR-253*	*GW-MEJ-005*	*GW-34084-122903-RAM-001*	*GW-34084-040204-RR-011*	*GW-34084-122903-RAM-003*
Sample Date:			*4/19/2000*	*9/15/2000*	*12/29/2003*	*4/2/2004*	*12/29/2003*
Parameter	*Units*	*New York TOGs Table 1*					
Volatiles							
1,1,1-Trichloroethane	µg/L	5	-	ND (10)	ND (10)	-	ND (10)
1,1,2,2-Tetrachloroethane	µg/L	5	-	ND (10)	ND (10)	-	ND (10)
1,1,2-Trichloroethane	µg/L	1	-	ND (10)	ND (10)	-	ND (10)
1,1-Dichloroethane	µg/L	5	-	ND (10)	ND (10)	-	ND (10)
1,1-Dichloroethene	µg/L	5	-	ND (10)	ND (10)	-	ND (10)
1,2,4-Trichlorobenzene	µg/L	5	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	0.04	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/L	0.0006	-	-	-	-	-
1,2-Dichlorobenzene	µg/L	3	-	-	-	-	-
1,2-Dichloroethane	µg/L	0.6	-	ND (10)	ND (10)	-	ND (10)
1,2-Dichloroethene (total)	µg/L	-	-	ND (10)	ND (10)	-	ND (10)
1,2-Dichloropropane	µg/L	1	-	ND (10)	ND (10)	-	ND (10)
1,3-Dichlorobenzene	µg/L	3	-	-	-	-	-
1,4-Dichlorobenzene	µg/L	3	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	-	-	ND (10)	ND (10) UJ	-	ND (10) UJ
2-Hexanone	µg/L	-	-	ND (10)	ND (10) UJ	-	ND (10) UJ
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	-	-	ND (10)	ND (10) UJ	-	ND (10) UJ
Acetone	µg/L	-	-	ND (10)	8 J	-	ND (10) UJ
Benzene	µg/L	1	-	ND (10)	ND (10)	-	ND (10)
Bromodichloromethane	µg/L	-	-	ND (10)	ND (10)	-	ND (10)
Bromoform	µg/L	-	-	ND (10)	ND (10) UJ	-	ND (10) UJ
Bromomethane (Methyl bromide)	µg/L	5	-	ND (10)	ND (10)	-	ND (10)
Carbon disulfide	µg/L	60	-	ND (10)	ND (10)	-	ND (10)
Carbon tetrachloride	µg/L	5	-	ND (10)	ND (10)	-	ND (10)
Chlorobenzene	µg/L	5	-	ND (10)	ND (10)	-	ND (10)
Chloroethane	µg/L	5	-	ND (10)	ND (10)	-	ND (10)
Chloroform (Trichloromethane)	µg/L	7	-	ND (10)	ND (10)	-	ND (10)
Chloromethane (Methyl chloride)	µg/L	5	-	ND (10)	ND (10)	-	ND (10)
cis-1,2-Dichloroethene	µg/L	5	-	-	-	-	-
cis-1,3-Dichloropropene	µg/L	-	-	ND (10)	ND (10)	-	ND (10)
Cyclohexane	µg/L	-	-	-	-	-	-
Dibromochloromethane	µg/L	-	-	ND (10)	ND (10)	-	ND (10)
Dichlorodifluoromethane (CFC-12)	µg/L	5	-	-	-	-	-
Ethylbenzene	µg/L	5	-	ND (10)	ND (10)	-	ND (10)
Isopropyl benzene	µg/L	5	-	-	-	-	-
m&p-Xylenes	µg/L	-	-	-	-	-	-
Methyl acetate	µg/L	-	-	-	-	-	-
Methyl cyclohexane	µg/L	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/L	-	-	-	-	-	-
Methylene chloride	µg/L	5	-	ND (10)	ND (10)	-	ND (10)
o-Xylene	µg/L	5	-	-	-	-	-
Styrene	µg/L	5	-	ND (10)	ND (10)	-	ND (10)
Tetrachloroethene	µg/L	5	-	ND (10)	ND (10) UJ	-	3 J
Toluene	µg/L	5	-	ND (10)	ND (10)	-	ND (10)
trans-1,2-Dichloroethene	µg/L	5	-	-	-	-	-
trans-1,3-Dichloropropene	µg/L	-	-	ND (10)	ND (10)	-	ND (10)
Trichloroethene	µg/L	5	-	ND (10)	ND (10)	-	2 J
Trichlorofluoromethane (CFC-11)	µg/L	5	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/L	5	-	-	-	-	-
Vinyl chloride	µg/L	2	-	ND (10)	ND (10)	-	ND (10)
Xylenes (total)	µg/L	-	-	ND (10)	ND (10)	-	ND (10)
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/L	5	-	ND (10)	ND (10)	-	ND (10)
1,2-Dichlorobenzene	µg/L	3	-	ND (10)	ND (10)	-	ND (10)
1,3-Dichlorobenzene	µg/L	3	-	ND (10)	ND (10)	-	ND (10)
1,4-Dichlorobenzene	µg/L	3	-	ND (10)	ND (10)	-	ND (10)
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	5	-	ND (10)	ND (10)	-	ND (10)

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW11-99*	*OW11-99*	*OW11-99*	*OW11-99*	*OW11D-03*
Sample ID:			*S-JRR-253*	*GW-MEJ-005*	*GW-34084-122903-RAM-001*	*GW-34084-040204-RR-011*	*GW-34084-122903-RAM-003*
Sample Date:			*4/19/2000*	*9/15/2000*	*12/29/2003*	*4/2/2004*	*12/29/2003*
Parameter	*Units*	*New York TOGs Table 1*					
2,4,5-Trichlorophenol	µg/L	-	-	ND (25)	ND (25)	-	ND (25)
2,4,6-Trichlorophenol	µg/L	-	-	ND (10)	ND (10)	-	ND (10)
2,4-Dichlorophenol	µg/L	5	-	ND (10)	ND (10)	-	ND (10)
2,4-Dimethylphenol	µg/L	-	-	ND (10)	ND (10)	-	ND (10)
2,4-Dinitrophenol	µg/L	-	-	ND (25)	ND (25)	-	ND (25)
2,4-Dinitrotoluene	µg/L	5	-	ND (10)	ND (10)	-	ND (10)
2,6-Dinitrotoluene	µg/L	5	-	ND (10)	ND (10)	-	ND (10)
2-Chloronaphthalene	µg/L	-	-	ND (10)	ND (10)	-	ND (10)
2-Chlorophenol	µg/L	-	-	ND (10)	ND (10)	-	ND (10)
2-Methylnaphthalene	µg/L	-	-	ND (10)	ND (10)	-	ND (10)
2-Methylphenol	µg/L	-	-	ND (10)	ND (10)	-	ND (10)
2-Nitroaniline	µg/L	5	-	ND (25)	ND (25)	-	ND (25)
2-Nitrophenol	µg/L	-	-	ND (10)	ND (10)	-	ND (10)
3,3'-Dichlorobenzidine	µg/L	5	-	ND (10)	ND (20)	-	ND (20)
3-Nitroaniline	µg/L	5	-	ND (25)	ND (25)	-	ND (25)
4,6-Dinitro-2-methylphenol	µg/L	-	-	ND (25)	ND (25)	-	ND (25)
4-Bromophenyl phenyl ether	µg/L	-	-	ND (10)	ND (10)	-	ND (10)
4-Chloro-3-methylphenol	µg/L	-	-	ND (10)	ND (10)	-	ND (10)
4-Chloroaniline	µg/L	5	-	ND (10)	ND (10)	-	ND (10)
4-Chlorophenyl phenyl ether	µg/L	-	-	ND (10)	ND (10)	-	ND (10)
4-Methylphenol	µg/L	-	-	ND (10)	ND (10)	-	ND (10)
4-Nitroaniline	µg/L	5	-	ND (25)	ND (25)	-	ND (25)
4-Nitrophenol	µg/L	-	-	ND (25)	ND (25)	-	ND (25)
Acenaphthene	µg/L	-	-	ND (10)	ND (10)	-	ND (10)
Acenaphthylene	µg/L	-	-	ND (10)	ND (10)	-	ND (10)
Acetophenone	µg/L	-	-	-	-	-	-
Anthracene	µg/L	-	-	ND (10)	ND (10)	-	ND (10)
Atrazine	µg/L	7.5	-	-	-	-	-
Benzaldehyde	µg/L	-	-	-	-	-	-
Benzo(a)anthracene	µg/L	-	-	ND (10)	ND (10)	-	ND (10)
Benzo(a)pyrene	µg/L	-	-	ND (10)	ND (10)	-	ND (10)
Benzo(b)fluoranthene	µg/L	-	-	ND (10)	ND (10)	-	ND (10)
Benzo(g,h,i)perylene	µg/L	-	-	ND (10)	ND (10)	-	ND (10)
Benzo(k)fluoranthene	µg/L	-	-	ND (10)	ND (10)	-	ND (10)
Biphenyl (1,1-Biphenyl)	µg/L	5	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/L	5	-	ND (10)	ND (10)	-	ND (10)
bis(2-Chloroethyl)ether	µg/L	1	-	ND (10)	ND (10)	-	ND (10)
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	5	-	ND (10)	ND (10)	-	ND (10)
Butyl benzylphthalate (BBP)	µg/L	-	-	ND (10)	ND (10)	-	ND (10)
Caprolactam	µg/L	-	-	-	-	-	-
Carbazole	µg/L	-	-	ND (10)	ND (10)	-	ND (10)
Chrysene	µg/L	-	-	ND (10)	ND (10)	-	ND (10)
Dibenz(a,h)anthracene	µg/L	-	-	ND (10)	ND (10)	-	ND (10)
Dibenz(a,j)acridine	µg/L	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/L	-	-	-	-	-	-
Dibenzofuran	µg/L	-	-	ND (10)	ND (10)	-	ND (10)
Diethyl phthalate	µg/L	-	-	ND (10)	ND (10)	-	ND (10)
Dimethyl phthalate	µg/L	-	-	ND (10)	ND (10)	-	ND (10)
Di-n-butylphthalate (DBP)	µg/L	50	-	ND (10)	ND (10)	-	ND (10)
Di-n-octyl phthalate (DnOP)	µg/L	-	-	ND (10)	ND (10)	-	2 J
Fluoranthene	µg/L	-	-	ND (10)	ND (10)	-	ND (10)
Fluorene	µg/L	-	-	ND (10)	ND (10)	-	ND (10)
Hexachlorobenzene	µg/L	0.04	-	ND (10)	ND (10)	-	ND (10)
Hexachlorobutadiene	µg/L	0.5	-	ND (10)	ND (10)	-	ND (10)
Hexachlorocyclopentadiene	µg/L	5	-	ND (10)	ND (10)	-	ND (10)
Hexachloroethane	µg/L	5	-	ND (10)	ND (10)	-	ND (10)
Indeno(1,2,3-cd)pyrene	µg/L	-	-	ND (10)	ND (10)	-	ND (10)
Isophorone	µg/L	-	-	ND (10)	ND (10)	-	ND (10)
Naphthalene	µg/L	-	-	ND (10)	ND (10)	-	ND (10)

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW11-99*	*OW11-99*	*OW11-99*	*OW11-99*	*OW11D-03*
Sample ID:			*S-JRR-253*	*GW-MEJ-005*	*GW-34084-122903-RAM-001*	*GW-34084-040204-RR-011*	*GW-34084-122903-RAM-003*
Sample Date:			*4/19/2000*	*9/15/2000*	*12/29/2003*	*4/2/2004*	*12/29/2003*
Parameter	*Units*	*New York TOGs Table 1*					
Nitrobenzene	µg/L	0.4	-	ND (10)	ND (10)	-	ND (10)
N-Nitrosodi-n-propylamine	µg/L	-	-	ND (10)	ND (10)	-	ND (10)
N-Nitrosodiphenylamine	µg/L	-	-	ND (10)	ND (10)	-	ND (10)
Pentachlorophenol	µg/L	1	-	ND (25)	ND (25)	-	ND (25)
Phenanthrene	µg/L	-	-	ND (10)	ND (10)	-	ND (10)
Phenol	µg/L	1	-	ND (10)	ND (10)	-	ND (10)
Pyrene	µg/L	-	-	ND (10)	ND (10)	-	ND (10)
Metals							
Aluminum	µg/L	-	4400	6990	3040	2940	ND (58.4) U
Aluminum (dissolved)	µg/L	-	3500	7230	-	-	-
Antimony	µg/L	3	ND (60)	ND (1.7)	**6.2**	**3.9 J**	ND (2.8)
Antimony (dissolved)	µg/L	3	ND (60)	ND (1.7)	-	-	-
Arsenic	µg/L	25	**128**	**189**	**156**	**127**	ND (2.2)
Arsenic (dissolved)	µg/L	25	**111**	**177**	-	-	-
Barium	µg/L	1000	ND (200)	17.9	57.2	20.6 J	36.4
Barium (dissolved)	µg/L	1000	ND (200)	8	-	-	-
Beryllium	µg/L	-	ND (5)	1.7	ND (0.98) U	1.0 J	ND (0.10)
Beryllium (dissolved)	µg/L	-	ND (5)	1.8	-	-	-
Cadmium	µg/L	5	**72.7**	**82.6**	**42.9**	**42.4**	ND (0.30)
Cadmium (dissolved)	µg/L	5	**71.1**	**87.5**	-	-	-
Calcium	µg/L	-	439000	398000	284000	250000	80800
Calcium (dissolved)	µg/L	-	419000	413000	-	-	-
Chromium	µg/L	50	ND (10)	ND (3.5)	2.5	2.8 J	0.70
Chromium Total (dissolved)	µg/L	50	ND (10)	ND (3.5)	-	-	-
Chromium VI (hexavalent)	µg/L	50	-	-	-	-	-
Chromium VI (hexavalent) (dissolved)	µg/L	50	-	-	-	-	-
Cobalt	µg/L	-	430	442	246	230	26.3
Cobalt (dissolved)	µg/L	-	420	469	-	-	-
Copper	µg/L	200	**48400**	**49800**	**26400**	**24900**	4.9
Copper (dissolved)	µg/L	200	**46100**	**54200**	-	-	-
Iron	µg/L	300	**43400**	**55100**	**28800**	**28700**	145
Iron (dissolved)	µg/L	300	**40600**	**60500**	-	-	-
Lead	µg/L	25	**147**	**146**	**51.8**	**34.6**	6.7
Lead (dissolved)	µg/L	25	**50.6**	**74.7**	-	-	-
Magnesium	µg/L	-	71400	71200	41100	33300	26700
Magnesium (dissolved)	µg/L	-	67900	74300	-	-	-
Manganese	µg/L	300	**1700**	**1730**	**1090**	**977**	109
Manganese (dissolved)	µg/L	300	**1600**	**1880**	-	-	-
Mercury	µg/L	0.7	0.24	0.15	0.11 J	ND (0.10)	ND (0.10)
Mercury (dissolved)	µg/L	0.7	ND (0.2)	ND (0.1)	-	-	-
Nickel	µg/L	100	**60100**	**52300**	**28400**	**26300**	89.1
Nickel (dissolved)	µg/L	100	**57400**	**56100**	-	-	-
Potassium	µg/L	-	18300	18800	11700 J	9740	3810 J
Potassium (dissolved)	µg/L	-	16800	19400	-	-	-
Selenium	µg/L	10	**682**	**578**	**913 J**	**757**	**7250 J**
Selenium (dissolved)	µg/L	10	**640**	**595**	-	-	-
Silver	µg/L	50	ND (10)	ND (2.2) J	ND (0.59) U	ND (0.50)	ND (0.55) U
Silver (dissolved)	µg/L	50	ND (10)	ND (0.82) J	-	-	-
Sodium	µg/L	20000	**241000**	**221000**	**305000**	**216000**	**28000**
Sodium (dissolved)	µg/L	20000	**227000**	**231000**	-	-	-
Thallium	µg/L	-	ND (10)	4.4	ND (2.3)	ND (1.9)	ND (2.3)
Thallium (dissolved)	µg/L	-	ND (10)	4.1	-	-	-
Vanadium	µg/L	-	ND (50)	13.5	9.0	6.4 J	ND (1.3)
Vanadium (dissolved)	µg/L	-	ND (50)	13.6	-	-	-
Zinc	µg/L	-	5400	5890	3420	3120	37.1
Zinc (dissolved)	µg/L	-	5200	6270	-	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW11-99*	*OW11-99*	*OW11-99*	*OW11-99*	*OW11D-03*
Sample ID:			*S-JRR-253*	*GW-MEJ-005*	*GW-34084-122903-RAM-001*	*GW-34084-040204-RR-011*	*GW-34084-122903-RAM-003*
Sample Date:			*4/19/2000*	*9/15/2000*	*12/29/2003*	*4/2/2004*	*12/29/2003*
Parameter	*Units*	*New York TOGs Table 1*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/L	-	-	ND (1)	ND (1.0)	-	ND (1.0)
Aroclor-1221 (PCB-1221)	µg/L	-	-	ND (2)	ND (2.0)	-	ND (2.0)
Aroclor-1232 (PCB-1232)	µg/L	-	-	ND (1)	ND (1.0)	-	ND (1.0)
Aroclor-1242 (PCB-1242)	µg/L	-	-	ND (1)	ND (1.0)	-	ND (1.0)
Aroclor-1248 (PCB-1248)	µg/L	-	-	ND (1)	ND (1.0)	-	ND (1.0)
Aroclor-1254 (PCB-1254)	µg/L	-	-	ND (1)	ND (1.0)	-	ND (1.0)
Aroclor-1260 (PCB-1260)	µg/L	-	-	ND (1)	ND (1.0)	-	ND (1.0)
Total PCBs	µg/L	-	-	ND	ND	-	ND
Pesticides							
4,4'-DDD	µg/L	0.3	-	ND (0.1)	ND (0.10)	-	ND (0.10)
4,4'-DDE	µg/L	0.2	-	ND (0.1)	ND (0.10)	-	ND (0.10)
4,4'-DDT	µg/L	0.2	-	ND (0.1)	ND (0.10)	-	ND (0.10)
Aldrin	µg/L	-	-	ND (0.05)	ND (0.050)	-	ND (0.050)
alpha-BHC	µg/L	0.01	-	ND (0.05)	ND (0.050)	-	ND (0.050)
alpha-Chlordane	µg/L	-	-	ND (0.05)	ND (0.050)	-	ND (0.050)
beta-BHC	µg/L	0.04	-	ND (0.05)	ND (0.050)	-	ND (0.050)
delta-BHC	µg/L	0.04	-	ND (0.05)	ND (0.050)	-	ND (0.050)
Dieldrin	µg/L	0.004	-	ND (0.1)	ND (0.10)	-	ND (0.10)
Endosulfan I	µg/L	-	-	ND (0.05)	ND (0.050)	-	ND (0.050)
Endosulfan II	µg/L	-	-	ND (0.1)	ND (0.10)	-	ND (0.10)
Endosulfan sulfate	µg/L	-	-	ND (0.1)	ND (0.10)	-	ND (0.10)
Endrin	µg/L	-	-	ND (0.1)	ND (0.10)	-	ND (0.10)
Endrin aldehyde	µg/L	5	-	ND (0.1)	ND (0.10)	-	ND (0.10)
Endrin ketone	µg/L	5	-	ND (0.1)	ND (0.10)	-	ND (0.10)
gamma-BHC (lindane)	µg/L	0.05	-	ND (0.05)	ND (0.050)	-	ND (0.050)
gamma-Chlordane	µg/L	-	-	ND (0.05)	ND (0.050)	-	ND (0.050)
Heptachlor	µg/L	0.04	-	ND (0.05)	ND (0.050)	-	ND (0.050)
Heptachlor epoxide	µg/L	0.03	-	ND (0.05)	ND (0.050)	-	ND (0.050)
Methoxychlor	µg/L	35	-	ND (0.5)	ND (0.50)	-	ND (0.50)
Toxaphene	µg/L	0.06	-	ND (5)	ND (5.0)	-	ND (5.0)
General Chemistry							
Alkalinity, total (as CaCO3)	µg/L	-	-	-	-	-	-
Ammonia-N	µg/L	-	-	-	-	-	-
Biochemical oxygen demand (BOD)	µg/L	-	-	-	-	-	-
Biochemical oxygen demand (carbonaceous)	µg/L	-	-	-	-	-	-
Calcium carbonate	µg/L	-	-	-	-	-	-
Chemical oxygen demand (COD)	µg/L	-	-	-	-	-	-
Chloride	µg/L	250000	-	-	-	-	-
Conductivity	µmhos/cm	-	-	-	-	-	-
Cyanide (amenable)	µg/L	-	-	-	-	-	-
Cyanide (dissolved)	µg/L	-	-	ND (10)	-	-	-
Cyanide (total)	µg/L	200	-	ND (10)	ND (10.0)	-	ND (10.0)
Ignitability	deg C	-	-	-	-	-	-
Nitrate (as N)	µg/L	10000	-	-	-	-	-
Nitrite (as N)	µg/L	1000	-	-	-	-	-
Nitrite/Nitrate	µg/L	10000	-	-	-	-	-
Nitrogen	µg/L	-	-	-	-	-	-
pH	s.u.	6.5-8.5	-	-	-	-	-
pH (water)	s.u.	6.5-8.5	-	-	-	-	-
pH corrosivity	s.u.	-	-	-	-	-	-
Reactive cyanide	µg/L	-	-	-	-	-	-
Reactive sulfide	µg/L	-	-	-	-	-	-
Sulfate	µg/L	250000	-	-	-	-	-
Sulfide	µg/L	-	-	-	-	-	-
Total dissolved solids (TDS)	µg/L	500000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW11-99*	*OW11-99*	*OW11-99*	*OW11-99*	*OW11D-03*
Sample ID:			*S-JRR-253*	*GW-MEJ-005*	*GW-34084-122903-RAM-001*	*GW-34084-040204-RR-011*	*GW-34084-122903-RAM-003*
Sample Date:			*4/19/2000*	*9/15/2000*	*12/29/2003*	*4/2/2004*	*12/29/2003*
Parameter	*Units*	*New York TOGs Table 1*					
Total kjeldahl nitrogen (TKN)	µg/L	-	-	-	-	-	-
Total organic carbon (TOC)	µg/L	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/L	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Non-Polar Material - SGT HEM	µg/L	-	-	-	-	-	-
Total solids	µg/L	-	-	-	-	-	-
Total suspended solids (TSS)	µg/L	-	-	-	-	-	-
Field Parameters							
Conductivity, field	mS/cm	-	-	-	-	-	-
Dissolved oxygen (DO), field	µg/L	-	-	-	-	-	-
Oxidation reduction potential (ORP), field	millivolts	-	-	-	-	-	-
pH, field	s.u.	6.5-8.5	-	-	-	-	-
Salinity	%	-	-	-	-	-	-
Temperature, field	deg C	-	-	-	-	-	-
Turbidity	NTU	5	-	-	-	-	-

Notes:

(DT) - Analytical results for total and dissolved metals were originally reversed in the original analytical data package, and have been corrected in this table.

> - Greater than amount reported.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

S - Value determined by the method of standard addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

W - Post-digestion spike out of control limits.

- - Not applicable.

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW11D-03*	*OW11D-03*	*OW11D-03*	*OW11D-03*
Sample ID:			*GW-34084-040204-RR-010*	*GW-34084-011708-SD-011*	*GW-34084-012609-RR-027*	*GW-34084-012010-RR-023*
Sample Date:			*4/2/2004*	*1/17/2008*	*1/26/2009*	*1/20/2010*
Parameter	*Units*	*New York TOGs Table 1*				
Volatiles						
1,1,1-Trichloroethane	µg/L	5	-	ND (10)	ND (10)	ND (10)
1,1,2,2-Tetrachloroethane	µg/L	5	-	ND (10)	ND (10)	ND (10)
1,1,2-Trichloroethane	µg/L	1	-	ND (10)	ND (10)	ND (10)
1,1-Dichloroethane	µg/L	5	-	ND (10)	ND (10)	ND (10)
1,1-Dichloroethene	µg/L	5	-	ND (10)	ND (10)	ND (10)
1,2,4-Trichlorobenzene	µg/L	5	-	ND (10)	ND (10)	ND (10)
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	0.04	-	ND (10)	ND (10)	ND (10)
1,2-Dibromoethane (Ethylene dibromide)	µg/L	0.0006	-	ND (10)	ND (10)	ND (10)
1,2-Dichlorobenzene	µg/L	3	-	ND (10)	ND (10)	ND (10)
1,2-Dichloroethane	µg/L	0.6	-	ND (10)	ND (10)	ND (10)
1,2-Dichloroethene (total)	µg/L	-	-	-	-	-
1,2-Dichloropropane	µg/L	1	-	ND (10)	ND (10)	ND (10)
1,3-Dichlorobenzene	µg/L	3	-	ND (10)	ND (10)	ND (10)
1,4-Dichlorobenzene	µg/L	3	-	ND (10)	ND (10)	ND (10)
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	-	-	ND (10) UJ	ND (10)	ND (10)
2-Hexanone	µg/L	-	-	ND (10)	ND (10)	ND (10)
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	-	-	ND (10)	ND (10)	ND (10)
Acetone	µg/L	-	-	ND (10)	ND (10)	ND (10)
Benzene	µg/L	1	-	ND (10)	ND (10)	ND (10)
Bromodichloromethane	µg/L	-	-	ND (10)	ND (10)	ND (10)
Bromoform	µg/L	-	-	ND (10)	ND (10)	ND (10)
Bromomethane (Methyl bromide)	µg/L	5	-	ND (10)	ND (10)	ND (10) UJ
Carbon disulfide	µg/L	60	-	ND (10)	ND (10)	ND (10)
Carbon tetrachloride	µg/L	5	-	ND (10)	ND (10)	ND (10)
Chlorobenzene	µg/L	5	-	ND (10)	ND (10)	ND (10)
Chloroethane	µg/L	5	-	ND (10)	ND (10)	ND (10)
Chloroform (Trichloromethane)	µg/L	7	-	ND (10)	ND (10)	ND (10)
Chloromethane (Methyl chloride)	µg/L	5	-	ND (10)	ND (10)	ND (10)
cis-1,2-Dichloroethene	µg/L	5	-	ND (10)	ND (10)	ND (10)
cis-1,3-Dichloropropene	µg/L	-	-	ND (10)	ND (10)	ND (10)
Cyclohexane	µg/L	-	-	ND (10)	ND (10)	ND (10)
Dibromochloromethane	µg/L	-	-	ND (10)	ND (10)	ND (10)
Dichlorodifluoromethane (CFC-12)	µg/L	5	-	ND (10)	ND (10) UJ	ND (10) UJ
Ethylbenzene	µg/L	5	-	ND (10)	ND (10)	ND (10)
Isopropyl benzene	µg/L	5	-	ND (10)	ND (10)	ND (10)
m&p-Xylenes	µg/L	-	-	ND (10)	ND (10)	ND (10)
Methyl acetate	µg/L	-	-	ND (10)	ND (10)	ND (10)
Methyl cyclohexane	µg/L	-	-	ND (10)	ND (10)	ND (10)
Methyl tert butyl ether (MTBE)	µg/L	-	-	ND (10)	ND (10)	ND (10)
Methylene chloride	µg/L	5	-	ND (10)	ND (10)	ND (10) UJ
o-Xylene	µg/L	5	-	ND (10)	ND (10)	ND (10)
Styrene	µg/L	5	-	ND (10)	ND (10)	ND (10)
Tetrachloroethene	µg/L	5	-	**40**	**53**	**29**
Toluene	µg/L	5	-	ND (10)	ND (10)	ND (10)
trans-1,2-Dichloroethene	µg/L	5	-	ND (10)	ND (10)	ND (10)
trans-1,3-Dichloropropene	µg/L	-	-	ND (10)	ND (10)	ND (10)
Trichloroethene	µg/L	5	-	2 J	3 J	3 J
Trichlorofluoromethane (CFC-11)	µg/L	5	-	ND (10)	ND (10)	ND (10)
Trifluorotrichloroethane (Freon 113)	µg/L	5	-	ND (10)	ND (10)	ND (10)
Vinyl chloride	µg/L	2	-	ND (10)	ND (10)	ND (10)
Xylenes (total)	µg/L	-	-	-	-	-
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg/L	5	-	-	-	-
1,2-Dichlorobenzene	µg/L	3	-	-	-	-
1,3-Dichlorobenzene	µg/L	3	-	-	-	-
1,4-Dichlorobenzene	µg/L	3	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	5	-	ND (10)	ND (10)	ND (10)

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW11D-03*	*OW11D-03*	*OW11D-03*	*OW11D-03*
Sample ID:			*GW-34084-040204-RR-010*	*GW-34084-011708-SD-011*	*GW-34084-012609-RR-027*	*GW-34084-012010-RR-023*
Sample Date:			*4/2/2004*	*1/17/2008*	*1/26/2009*	*1/20/2010*
Parameter	*Units*	*New York TOGs Table 1*				
2,4,5-Trichlorophenol	µg/L	-	-	ND (25)	ND (25)	ND (25)
2,4,6-Trichlorophenol	µg/L	-	-	ND (10)	ND (10)	ND (10)
2,4-Dichlorophenol	µg/L	5	-	ND (10)	ND (10)	ND (10)
2,4-Dimethylphenol	µg/L	-	-	ND (10)	ND (10)	ND (10)
2,4-Dinitrophenol	µg/L	-	-	ND (25)	ND (25)	ND (25) UJ
2,4-Dinitrotoluene	µg/L	5	-	ND (10)	ND (10)	ND (10)
2,6-Dinitrotoluene	µg/L	5	-	ND (10)	ND (10)	ND (10)
2-Chloronaphthalene	µg/L	-	-	ND (10)	ND (10)	ND (10)
2-Chlorophenol	µg/L	-	-	ND (10)	ND (10)	ND (10)
2-Methylnaphthalene	µg/L	-	-	ND (10)	ND (10)	ND (10)
2-Methylphenol	µg/L	-	-	ND (10)	ND (10)	ND (10)
2-Nitroaniline	µg/L	5	-	ND (25)	ND (25)	ND (25)
2-Nitrophenol	µg/L	-	-	ND (10)	ND (10)	ND (10)
3,3'-Dichlorobenzidine	µg/L	5	-	ND (10)	ND (10)	ND (10)
3-Nitroaniline	µg/L	5	-	ND (25)	ND (25)	ND (25)
4,6-Dinitro-2-methylphenol	µg/L	-	-	ND (25)	ND (25)	ND (25) UJ
4-Bromophenyl phenyl ether	µg/L	-	-	ND (10)	ND (10)	ND (10)
4-Chloro-3-methylphenol	µg/L	-	-	ND (10)	ND (10)	ND (10)
4-Chloroaniline	µg/L	5	-	ND (10)	ND (10)	ND (10)
4-Chlorophenyl phenyl ether	µg/L	-	-	ND (10)	ND (10)	ND (10)
4-Methylphenol	µg/L	-	-	ND (10)	ND (10) UJ	ND (10) UJ
4-Nitroaniline	µg/L	5	-	ND (25)	ND (25)	ND (25)
4-Nitrophenol	µg/L	-	-	ND (25)	ND (25)	ND (25) UJ
Acenaphthene	µg/L	-	-	ND (10)	ND (10)	ND (10)
Acenaphthylene	µg/L	-	-	ND (10)	ND (10)	ND (10)
Acetophenone	µg/L	-	-	ND (10)	ND (10)	ND (10)
Anthracene	µg/L	-	-	ND (10)	ND (10)	ND (10)
Atrazine	µg/L	7.5	-	ND (10) UJ	ND (10) UJ	ND (10)
Benzaldehyde	µg/L	-	-	ND (10) UJ	ND (10) UJ	ND (10) UJ
Benzo(a)anthracene	µg/L	-	-	ND (10)	ND (10)	ND (10)
Benzo(a)pyrene	µg/L	-	-	ND (10)	ND (10)	ND (10)
Benzo(b)fluoranthene	µg/L	-	-	ND (10)	ND (10)	ND (10)
Benzo(g,h,i)perylene	µg/L	-	-	ND (10)	ND (10)	ND (10)
Benzo(k)fluoranthene	µg/L	-	-	ND (10) UJ	ND (10)	ND (10)
Biphenyl (1,1-Biphenyl)	µg/L	5	-	ND (10)	ND (10)	ND (10)
bis(2-Chloroethoxy)methane	µg/L	5	-	ND (10)	ND (10)	ND (10)
bis(2-Chloroethyl)ether	µg/L	1	-	ND (10)	ND (10)	ND (10)
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	5	-	ND (10)	ND (10)	ND (10)
Butyl benzylphthalate (BBP)	µg/L	-	-	ND (10)	ND (10)	ND (10)
Caprolactam	µg/L	-	-	ND (10)	ND (10) UJ	ND (10) UJ
Carbazole	µg/L	-	-	ND (10)	ND (10)	ND (10)
Chrysene	µg/L	-	-	ND (10)	ND (10)	ND (10)
Dibenz(a,h)anthracene	µg/L	-	-	ND (10)	ND (10)	ND (10)
Dibenz(a,j)acridine	µg/L	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/L	-	-	-	-	-
Dibenzofuran	µg/L	-	-	ND (10)	ND (10)	ND (10)
Diethyl phthalate	µg/L	-	-	ND (10)	ND (10)	ND (10)
Dimethyl phthalate	µg/L	-	-	ND (10)	ND (10)	ND (10)
Di-n-butylphthalate (DBP)	µg/L	50	-	ND (10)	ND (10)	ND (10)
Di-n-octyl phthalate (DnOP)	µg/L	-	-	ND (10)	ND (10)	ND (10)
Fluoranthene	µg/L	-	-	ND (10)	ND (10)	ND (10)
Fluorene	µg/L	-	-	ND (10)	ND (10)	ND (10)
Hexachlorobenzene	µg/L	0.04	-	ND (10)	ND (10)	ND (10)
Hexachlorobutadiene	µg/L	0.5	-	ND (10)	ND (10)	ND (10)
Hexachlorocyclopentadiene	µg/L	5	-	ND (10)	ND (10) UJ	ND (10) UJ
Hexachloroethane	µg/L	5	-	ND (10) UJ	ND (10)	ND (10)
Indeno(1,2,3-cd)pyrene	µg/L	-	-	ND (10)	ND (10)	ND (10)
Isophorone	µg/L	-	-	ND (10) UJ	ND (10)	ND (10)
Naphthalene	µg/L	-	-	ND (10)	ND (10)	ND (10)

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW11D-03*	*OW11D-03*	*OW11D-03*	*OW11D-03*
Sample ID:			*GW-34084-040204-RR-010*	*GW-34084-011708-SD-011*	*GW-34084-012609-RR-027*	*GW-34084-012010-RR-023*
Sample Date:			*4/2/2004*	*1/17/2008*	*1/26/2009*	*1/20/2010*
Parameter	*Units*	*New York TOGs Table 1*				
Nitrobenzene	µg/L	0.4	-	ND (10)	ND (10)	ND (10)
N-Nitrosodi-n-propylamine	µg/L	-	-	ND (10)	ND (10)	ND (10)
N-Nitrosodiphenylamine	µg/L	-	-	ND (10)	ND (10)	ND (10)
Pentachlorophenol	µg/L	1	-	ND (25)	ND (25)	ND (25)
Phenanthrene	µg/L	-	-	ND (10)	ND (10)	ND (10)
Phenol	µg/L	1	-	ND (10)	ND (10)	ND (10)
Pyrene	µg/L	-	-	ND (10)	ND (10)	ND (10)
Metals						
Aluminum	µg/L	-	47.3 J	ND (13.2) U	ND (61.1) U	21.1
Aluminum (dissolved)	µg/L	-	-	17.2	ND (18.2) U	ND (17.7)
Antimony	µg/L	3	ND (1.6)	ND (2.3)	ND (2.3)	ND (2.1)
Antimony (dissolved)	µg/L	3	-	ND (2.3)	ND (2.3)	ND (2.1)
Arsenic	µg/L	25	3.1 J	ND (1.8)	ND (1.8)	ND (2.3)
Arsenic (dissolved)	µg/L	25	-	ND (1.8)	ND (1.8)	ND (2.3)
Barium	µg/L	1000	31.4 J	72.0	75.9	78.9
Barium (dissolved)	µg/L	1000	-	71.0	77.8	75.5
Beryllium	µg/L	-	ND (0.10)	ND (0.18)	ND (0.096)	ND (0.26)
Beryllium (dissolved)	µg/L	-	-	ND (0.18)	ND (0.20) U	ND (0.26)
Cadmium	µg/L	5	0.35 J	ND (0.32)	ND (0.35)	ND (0.34)
Cadmium (dissolved)	µg/L	5	-	ND (0.32)	ND (0.35)	ND (0.34)
Calcium	µg/L	-	84400	136000	152000	165000
Calcium (dissolved)	µg/L	-	-	136000	153000	162000
Chromium	µg/L	50	2.6 J	ND (2.0) U	2.0	1.2
Chromium Total (dissolved)	µg/L	50	-	ND (2.0) U	2.0	0.81
Chromium VI (hexavalent)	µg/L	50	-	-	-	-
Chromium VI (hexavalent) (dissolved)	µg/L	50	-	-	-	-
Cobalt	µg/L	-	10.2 J	1.7	ND (0.88)	ND (1.2)
Cobalt (dissolved)	µg/L	-	-	1.6	ND (0.88)	ND (1.2)
Copper	µg/L	200	6.9 J	12.6	12.1	15.0
Copper (dissolved)	µg/L	200	-	17.7	9.5	12.5
Iron	µg/L	300	94.2 J	ND (24.2)	260	26.8
Iron (dissolved)	µg/L	300	-	ND (24.2)	ND (14.1) U	ND (9.0) U
Lead	µg/L	25	ND (3.8) U	ND (1.4)	1.7	ND (1.8)
Lead (dissolved)	µg/L	25	-	ND (1.4)	ND (1.3)	ND (1.8)
Magnesium	µg/L	-	28700	41500	37500	41100
Magnesium (dissolved)	µg/L	-	-	41700	38700	40100
Manganese	µg/L	300	21.2	0.87	4.8	5.2
Manganese (dissolved)	µg/L	300	-	ND (1.6) U	ND (3.3) U	ND (0.70)
Mercury	µg/L	0.7	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
Mercury (dissolved)	µg/L	0.7	-	ND (0.10)	ND (0.13)	ND (0.10)
Nickel	µg/L	100	93.2	**142**	**147**	**151**
Nickel (dissolved)	µg/L	100	-	**145**	**150**	**150**
Potassium	µg/L	-	3710 J	4260	4680	5420
Potassium (dissolved)	µg/L	-	-	4410	5170 J	5330
Selenium	µg/L	10	**6250**	**313**	**66.9**	**64.3**
Selenium (dissolved)	µg/L	10	-	**306**	**69.4**	**65.7**
Silver	µg/L	50	ND (0.50)	ND (0.41)	ND (0.74) U	ND (0.83)
Silver (dissolved)	µg/L	50	-	ND (0.41)	ND (0.54)	ND (0.83)
Sodium	µg/L	20000	**24100**	**41200**	**50000**	**44000**
Sodium (dissolved)	µg/L	20000	-	**44400**	**51800**	**43200**
Thallium	µg/L	-	ND (1.9)	ND (2.3)	ND (1.9)	ND (3.2)
Thallium (dissolved)	µg/L	-	-	ND (2.3)	ND (1.9)	ND (3.2)
Vanadium	µg/L	-	ND (1.0)	ND (0.89)	0.75	ND (1.4)
Vanadium (dissolved)	µg/L	-	-	ND (0.89)	ND (0.74)	ND (1.4)
Zinc	µg/L	-	29.3	22.5	28.6	ND (31.4) U
Zinc (dissolved)	µg/L	-	-	ND (29.0) U	ND (37.6) U	ND (31.5) U

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW11D-03*	*OW11D-03*	*OW11D-03*	*OW11D-03*
Sample ID:			*GW-34084-040204-RR-010*	*GW-34084-011708-SD-011*	*GW-34084-012609-RR-027*	*GW-34084-012010-RR-023*
Sample Date:			*4/2/2004*	*1/17/2008*	*1/26/2009*	*1/20/2010*
Parameter	*Units*	*New York TOGs Table 1*				
PCBs						
Aroclor-1016 (PCB-1016)	µg/L	-	-	ND (1.0)	ND (1.0)	ND (1.0)
Aroclor-1221 (PCB-1221)	µg/L	-	-	ND (2.0)	ND (2.0)	ND (2.0)
Aroclor-1232 (PCB-1232)	µg/L	-	-	ND (1.0)	ND (1.0)	ND (1.0)
Aroclor-1242 (PCB-1242)	µg/L	-	-	ND (1.0)	ND (1.0)	ND (1.0)
Aroclor-1248 (PCB-1248)	µg/L	-	-	ND (1.0)	ND (1.0)	ND (1.0)
Aroclor-1254 (PCB-1254)	µg/L	-	-	ND (1.0)	ND (1.0)	ND (1.0)
Aroclor-1260 (PCB-1260)	µg/L	-	-	ND (1.0)	ND (1.0)	ND (1.0)
Total PCBs	µg/L	-	-	ND	ND	ND
Pesticides						
4,4'-DDD	µg/L	0.3	-	-	-	-
4,4'-DDE	µg/L	0.2	-	-	-	-
4,4'-DDT	µg/L	0.2	-	-	-	-
Aldrin	µg/L	-	-	-	-	-
alpha-BHC	µg/L	0.01	-	-	-	-
alpha-Chlordane	µg/L	-	-	-	-	-
beta-BHC	µg/L	0.04	-	-	-	-
delta-BHC	µg/L	0.04	-	-	-	-
Dieldrin	µg/L	0.004	-	-	-	-
Endosulfan I	µg/L	-	-	-	-	-
Endosulfan II	µg/L	-	-	-	-	-
Endosulfan sulfate	µg/L	-	-	-	-	-
Endrin	µg/L	-	-	-	-	-
Endrin aldehyde	µg/L	5	-	-	-	-
Endrin ketone	µg/L	5	-	-	-	-
gamma-BHC (lindane)	µg/L	0.05	-	-	-	-
gamma-Chlordane	µg/L	-	-	-	-	-
Heptachlor	µg/L	0.04	-	-	-	-
Heptachlor epoxide	µg/L	0.03	-	-	-	-
Methoxychlor	µg/L	35	-	-	-	-
Toxaphene	µg/L	0.06	-	-	-	-
General Chemistry						
Alkalinity, total (as CaCO3)	µg/L	-	-	-	-	-
Ammonia-N	µg/L	-	-	-	-	-
Biochemical oxygen demand (BOD)	µg/L	-	-	-	-	-
Biochemical oxygen demand (carbonaceous)	µg/L	-	-	-	-	-
Calcium carbonate	µg/L	-	-	-	-	-
Chemical oxygen demand (COD)	µg/L	-	-	-	-	-
Chloride	µg/L	250000	-	150000	172000	122000
Conductivity	µmhos/cm	-	-	-	-	-
Cyanide (amenable)	µg/L	-	-	-	-	-
Cyanide (dissolved)	µg/L	-	-	-	-	-
Cyanide (total)	µg/L	200	-	-	-	-
Ignitability	deg C	-	-	-	-	-
Nitrate (as N)	µg/L	10000	-	-	-	-
Nitrite (as N)	µg/L	1000	-	-	-	-
Nitrite/Nitrate	µg/L	10000	-	-	-	-
Nitrogen	µg/L	-	-	-	-	-
pH	s.u.	6.5-8.5	-	-	-	-
pH (water)	s.u.	6.5-8.5	-	-	-	-
pH corrosivity	s.u.	-	-	-	-	-
Reactive cyanide	µg/L	-	-	-	-	-
Reactive sulfide	µg/L	-	-	-	-	-
Sulfate	µg/L	250000	-	-	-	-
Sulfide	µg/L	-	-	-	-	-
Total dissolved solids (TDS)	µg/L	500000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW11D-03*	*OW11D-03*	*OW11D-03*	*OW11D-03*
Sample ID:			*GW-34084-040204-RR-010*	*GW-34084-011708-SD-011*	*GW-34084-012609-RR-027*	*GW-34084-012010-RR-023*
Sample Date:			*4/2/2004*	*1/17/2008*	*1/26/2009*	*1/20/2010*
Parameter	*Units*	*New York TOGs Table 1*				
Total kjeldahl nitrogen (TKN)	µg/L	-	-	-	-	-
Total organic carbon (TOC)	µg/L	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/L	-	-	-	-	-
Total Petroleum Hydrocarbons - Non-Polar Material - SGT HEM	µg/L	-	-	-	-	-
Total solids	µg/L	-	-	-	-	-
Total suspended solids (TSS)	µg/L	-	-	-	-	-
Field Parameters						
Conductivity, field	mS/cm	-	-	-	-	-
Dissolved oxygen (DO), field	µg/L	-	-	-	-	-
Oxidation reduction potential (ORP), field	millivolts	-	-	-	-	-
pH, field	s.u.	6.5-8.5	-	-	-	-
Salinity	%	-	-	-	-	-
Temperature, field	deg C	-	-	-	-	-
Turbidity	NTU	5	-	-	-	-

Notes:

(DT) - Analytical results for total and dissolved metals were originally reversed in the original analytical data package, and have been corrected in this table.

> - Greater than amount reported.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

S - Value determined by the method of standard addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

W - Post-digestion spike out of control limits.

- - Not applicable.

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW11D-03*	*OW11R-07*	*OW11R-07*	*OW11R-07*
Sample ID:			*GW-34084-012611-RR-018*	*GW-34084-011608-SD-009*	*GW-073008-RR-020*	*GW-34084-012609-RR-028*
Sample Date:			*1/26/2011*	*1/16/2008*	*7/30/2008*	*1/26/2009*
Parameter	*Units*	*New York TOGs Table 1*				
Volatiles						
1,1,1-Trichloroethane	µg/L	5	ND (10)	ND (10)	ND (10) UJ	ND (10)
1,1,2,2-Tetrachloroethane	µg/L	5	ND (10) UJ	ND (10)	ND (10)	ND (10)
1,1,2-Trichloroethane	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)
1,1-Dichloroethane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
1,1-Dichloroethene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
1,2,4-Trichlorobenzene	µg/L	5	ND (10)	ND (10)	ND (10) UJ	ND (10)
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	0.04	ND (10)	ND (10)	ND (10) UJ	ND (10)
1,2-Dibromoethane (Ethylene dibromide)	µg/L	0.0006	ND (10)	ND (10)	ND (10)	ND (10)
1,2-Dichlorobenzene	µg/L	3	ND (10)	ND (10)	ND (10)	ND (10)
1,2-Dichloroethane	µg/L	0.6	ND (10)	ND (10)	ND (10) UJ	ND (10)
1,2-Dichloroethene (total)	µg/L	-	-	-	-	-
1,2-Dichloropropane	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)
1,3-Dichlorobenzene	µg/L	3	ND (10)	ND (10)	ND (10)	ND (10)
1,4-Dichlorobenzene	µg/L	3	ND (10)	ND (10)	ND (10)	ND (10)
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	-	ND (10)	ND (10) UJ	ND (10)	ND (10)
2-Hexanone	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Acetone	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Benzene	µg/L	1	ND (10)	ND (10)	ND (10) UJ	ND (10)
Bromodichloromethane	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Bromoform	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Bromomethane (Methyl bromide)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Carbon disulfide	µg/L	60	ND (10)	ND (10)	ND (10) UJ	ND (10)
Carbon tetrachloride	µg/L	5	ND (10)	ND (10)	ND (10) UJ	ND (10)
Chlorobenzene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Chloroethane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Chloroform (Trichloromethane)	µg/L	7	ND (10)	ND (10)	ND (10)	ND (10)
Chloromethane (Methyl chloride)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
cis-1,2-Dichloroethene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
cis-1,3-Dichloropropene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Cyclohexane	µg/L	-	ND (10) UJ	ND (10)	ND (10)	ND (10)
Dibromochloromethane	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Dichlorodifluoromethane (CFC-12)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10) UJ
Ethylbenzene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Isopropyl benzene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
m&p-Xylenes	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Methyl acetate	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Methyl cyclohexane	µg/L	-	ND (10) UJ	ND (10)	ND (10)	ND (10)
Methyl tert butyl ether (MTBE)	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Methylene chloride	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
o-Xylene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Styrene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Tetrachloroethene	µg/L	5	**30**	ND (10)	ND (10) UJ	ND (10)
Toluene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
trans-1,2-Dichloroethene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
trans-1,3-Dichloropropene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Trichloroethene	µg/L	5	4 J	ND (10)	ND (10)	ND (10)
Trichlorofluoromethane (CFC-11)	µg/L	5	ND (10)	ND (10)	ND (10) UJ	ND (10)
Trifluorotrichloroethane (Freon 113)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Vinyl chloride	µg/L	2	ND (10)	ND (10)	ND (10)	ND (10)
Xylenes (total)	µg/L	-	-	-	-	-
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg/L	5	-	-	-	-
1,2-Dichlorobenzene	µg/L	3	-	-	-	-
1,3-Dichlorobenzene	µg/L	3	-	-	-	-
1,4-Dichlorobenzene	µg/L	3	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW11D-03*	*OW11R-07*	*OW11R-07*	*OW11R-07*
Sample ID:			*GW-34084-012611-RR-018*	*GW-34084-011608-SD-009*	*GW-073008-RR-020*	*GW-34084-012609-RR-028*
Sample Date:			*1/26/2011*	*1/16/2008*	*7/30/2008*	*1/26/2009*
Parameter	*Units*	*New York TOGs Table 1*				
2,4,5-Trichlorophenol	µg/L	-	ND (25)	ND (25)	ND (25)	ND (25)
2,4,6-Trichlorophenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2,4-Dichlorophenol	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
2,4-Dimethylphenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2,4-Dinitrophenol	µg/L	-	ND (25)	ND (25)	ND (25)	ND (25)
2,4-Dinitrotoluene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
2,6-Dinitrotoluene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
2-Chloronaphthalene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2-Chlorophenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2-Methylnaphthalene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2-Methylphenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2-Nitroaniline	µg/L	5	ND (25)	ND (25)	ND (25)	ND (25)
2-Nitrophenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
3,3'-Dichlorobenzidine	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
3-Nitroaniline	µg/L	5	ND (25)	ND (25)	ND (25)	ND (25)
4,6-Dinitro-2-methylphenol	µg/L	-	ND (25)	ND (25)	ND (25)	ND (25)
4-Bromophenyl phenyl ether	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
4-Chloro-3-methylphenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
4-Chloroaniline	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
4-Chlorophenyl phenyl ether	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
4-Methylphenol	µg/L	-	ND (10) UJ	ND (10)	ND (10) UJ	ND (10) UJ
4-Nitroaniline	µg/L	5	ND (25)	ND (25)	ND (25)	ND (25)
4-Nitrophenol	µg/L	-	ND (25)	ND (25)	ND (25)	ND (25)
Acenaphthene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Acenaphthylene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Acetophenone	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Anthracene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Atrazine	µg/L	7.5	ND (10)	ND (10) UJ	ND (10)	ND (10) UJ
Benzaldehyde	µg/L	-	ND (10)	ND (10) UJ	ND (10) UJ	ND (10) UJ
Benzo(a)anthracene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Benzo(a)pyrene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Benzo(b)fluoranthene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Benzo(g,h,i)perylene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Benzo(k)fluoranthene	µg/L	-	ND (10)	ND (10) UJ	ND (10)	ND (10)
Biphenyl (1,1-Biphenyl)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
bis(2-Chloroethoxy)methane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
bis(2-Chloroethyl)ether	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	5	ND (10) UJ	ND (10)	ND (10)	ND (10)
Butyl benzylphthalate (BBP)	µg/L	-	ND (10) UJ	ND (10)	ND (10)	ND (10)
Caprolactam	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10) UJ
Carbazole	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Chrysene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Dibenz(a,h)anthracene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Dibenz(a,j)acridine	µg/L	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/L	-	-	-	-	-
Dibenzofuran	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Diethyl phthalate	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Dimethyl phthalate	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Di-n-butylphthalate (DBP)	µg/L	50	ND (10)	ND (10)	ND (10)	ND (10)
Di-n-octyl phthalate (DnOP)	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Fluoranthene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Fluorene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Hexachlorobenzene	µg/L	0.04	ND (10)	ND (10)	ND (10)	ND (10)
Hexachlorobutadiene	µg/L	0.5	ND (10)	ND (10)	ND (10)	ND (10)
Hexachlorocyclopentadiene	µg/L	5	ND (10)	ND (10)	ND (10) UJ	ND (10) UJ
Hexachloroethane	µg/L	5	ND (10)	ND (10) UJ	ND (10)	ND (10)
Indeno(1,2,3-cd)pyrene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Isophorone	µg/L	-	ND (10)	ND (10) UJ	ND (10)	ND (10)
Naphthalene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW11D-03*	*OW11R-07*	*OW11R-07*	*OW11R-07*
Sample ID:			*GW-34084-012611-RR-018*	*GW-34084-011608-SD-009*	*GW-073008-RR-020*	*GW-34084-012609-RR-028*
Sample Date:			*1/26/2011*	*1/16/2008*	*7/30/2008*	*1/26/2009*
Parameter	*Units*	*New York TOGs Table 1*				
Nitrobenzene	µg/L	0.4	ND (10)	ND (10)	ND (10)	ND (10)
N-Nitrosodi-n-propylamine	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
N-Nitrosodiphenylamine	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Pentachlorophenol	µg/L	1	ND (25)	ND (25)	ND (25)	ND (25)
Phenanthrene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Phenol	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)
Pyrene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Metals						
Aluminum	µg/L	-	ND (39.3) U	241	461	ND (530) U
Aluminum (dissolved)	µg/L	-	ND (26.8) U	14.3	357	ND (59.7) U
Antimony	µg/L	3	ND (2.3) U	**94.3**	**98.6**	**132**
Antimony (dissolved)	µg/L	3	ND (2.9) U	**90.9**	**96.1**	**134**
Arsenic	µg/L	25	ND (2.4)	**316**	**519**	**349**
Arsenic (dissolved)	µg/L	25	ND (2.4)	15.3	**478**	**226**
Barium	µg/L	1000	69.7	11.1	7.6	13.4
Barium (dissolved)	µg/L	1000	69.1 J	11.1	ND (7.0) U	8.6
Beryllium	µg/L	-	ND (0.17)	ND (0.18)	ND (0.10)	ND (0.096)
Beryllium (dissolved)	µg/L	-	ND (0.17)	ND (0.18)	ND (0.20) U	ND (0.23) U
Cadmium	µg/L	5	ND (0.20)	**14.4**	**22.8**	**9.5**
Cadmium (dissolved)	µg/L	5	ND (0.20)	**14.7**	**22.6**	**10**
Calcium	µg/L	-	147000	293000	404000	275000
Calcium (dissolved)	µg/L	-	147000	301000	ND (411000) U	283000
Chromium	µg/L	50	2.0	ND (0.57)	2.3	1.3
Chromium Total (dissolved)	µg/L	50	1.6	ND (0.57)	ND (0.75)	ND (0.41)
Chromium VI (hexavalent)	µg/L	50	-	-	-	-
Chromium VI (hexavalent) (dissolved)	µg/L	50	-	-	-	-
Cobalt	µg/L	-	ND (0.33)	56.2	80.6	36.7
Cobalt (dissolved)	µg/L	-	ND (0.33)	58.0	78.7	37.4
Copper	µg/L	200	10.5	**3280**	**7310**	**2320**
Copper (dissolved)	µg/L	200	10.3	**3050**	**7530**	**2070**
Iron	µg/L	300	55.6	**1910**	**5810**	**2110**
Iron (dissolved)	µg/L	300	ND (17.7) U	ND (24.2)	**5910**	**1080**
Lead	µg/L	25	ND (1.1)	12.6	24.4	**63.4**
Lead (dissolved)	µg/L	25	ND (1.1)	ND (1.4)	18.7	ND (1.3)
Magnesium	µg/L	-	38200	17300	31700	12300
Magnesium (dissolved)	µg/L	-	38100	18000	ND (30900) U	13000
Manganese	µg/L	300	1.1	263	**393**	112
Manganese (dissolved)	µg/L	300	0.65	272	**399**	114
Mercury	µg/L	0.7	ND (0.10)	ND (0.10)	ND (0.13)	0.14
Mercury (dissolved)	µg/L	0.7	ND (0.10)	ND (0.10)	ND (0.13)	ND (0.13)
Nickel	µg/L	100	**138**	**8750**	**10800**	**6330**
Nickel (dissolved)	µg/L	100	**137**	**8970**	**11200**	**6590**
Potassium	µg/L	-	4970	17900	27100 J	17800
Potassium (dissolved)	µg/L	-	4940	18600	26200 J	19500 J
Selenium	µg/L	10	**399 J**	**955**	**1500**	**300**
Selenium (dissolved)	µg/L	10	**407**	**962**	**1380**	**304**
Silver	µg/L	50	ND (1.4) U	ND (0.41)	ND (0.89)	ND (1.8) U
Silver (dissolved)	µg/L	50	ND (1.0) U	ND (0.41)	ND (0.89)	0.66
Sodium	µg/L	20000	**42300**	**199000**	**355000**	**465000**
Sodium (dissolved)	µg/L	20000	**41600**	**207000**	**356000**	**487000**
Thallium	µg/L	-	ND (2.3)	ND (2.3)	ND (2.5)	ND (1.9)
Thallium (dissolved)	µg/L	-	ND (2.3)	ND (2.3)	ND (2.5)	ND (1.9)
Vanadium	µg/L	-	ND (0.29)	1.9	ND (2.2)	2.6
Vanadium (dissolved)	µg/L	-	ND (0.29)	ND (0.89)	ND (2.2)	1.4
Zinc	µg/L	-	35.3	805	996	443
Zinc (dissolved)	µg/L	-	29.2	842	992	460

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW11D-03*	*OW11R-07*	*OW11R-07*	*OW11R-07*
Sample ID:			*GW-34084-012611-RR-018*	*GW-34084-011608-SD-009*	*GW-073008-RR-020*	*GW-34084-012609-RR-028*
Sample Date:			*1/26/2011*	*1/16/2008*	*7/30/2008*	*1/26/2009*
Parameter	*Units*	*New York TOGs Table 1*				
PCBs						
Aroclor-1016 (PCB-1016)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Aroclor-1221 (PCB-1221)	µg/L	-	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Aroclor-1232 (PCB-1232)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Aroclor-1242 (PCB-1242)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Aroclor-1248 (PCB-1248)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Aroclor-1254 (PCB-1254)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Aroclor-1260 (PCB-1260)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Total PCBs	µg/L	-	ND	ND	ND	ND
Pesticides						
4,4'-DDD	µg/L	0.3	-	-	-	-
4,4'-DDE	µg/L	0.2	-	-	-	-
4,4'-DDT	µg/L	0.2	-	-	-	-
Aldrin	µg/L	-	-	-	-	-
alpha-BHC	µg/L	0.01	-	-	-	-
alpha-Chlordane	µg/L	-	-	-	-	-
beta-BHC	µg/L	0.04	-	-	-	-
delta-BHC	µg/L	0.04	-	-	-	-
Dieldrin	µg/L	0.004	-	-	-	-
Endosulfan I	µg/L	-	-	-	-	-
Endosulfan II	µg/L	-	-	-	-	-
Endosulfan sulfate	µg/L	-	-	-	-	-
Endrin	µg/L	-	-	-	-	-
Endrin aldehyde	µg/L	5	-	-	-	-
Endrin ketone	µg/L	5	-	-	-	-
gamma-BHC (lindane)	µg/L	0.05	-	-	-	-
gamma-Chlordane	µg/L	-	-	-	-	-
Heptachlor	µg/L	0.04	-	-	-	-
Heptachlor epoxide	µg/L	0.03	-	-	-	-
Methoxychlor	µg/L	35	-	-	-	-
Toxaphene	µg/L	0.06	-	-	-	-
General Chemistry						
Alkalinity, total (as CaCO3)	µg/L	-	-	-	-	-
Ammonia-N	µg/L	-	-	-	-	-
Biochemical oxygen demand (BOD)	µg/L	-	-	-	-	-
Biochemical oxygen demand (carbonaceous)	µg/L	-	-	-	-	-
Calcium carbonate	µg/L	-	-	-	-	-
Chemical oxygen demand (COD)	µg/L	-	-	-	-	-
Chloride	µg/L	250000	148000	**292000**	**609000**	**845000**
Conductivity	µmhos/cm	-	-	-	-	-
Cyanide (amenable)	µg/L	-	-	-	-	-
Cyanide (dissolved)	µg/L	-	-	-	-	-
Cyanide (total)	µg/L	200	-	-	-	-
Ignitability	deg C	-	-	-	-	-
Nitrate (as N)	µg/L	10000	-	-	-	-
Nitrite (as N)	µg/L	1000	-	-	-	-
Nitrite/Nitrate	µg/L	10000	-	-	-	-
Nitrogen	µg/L	-	-	-	-	-
pH	s.u.	6.5-8.5	-	-	-	-
pH (water)	s.u.	6.5-8.5	-	-	-	-
pH corrosivity	s.u.	-	-	-	-	-
Reactive cyanide	µg/L	-	-	-	-	-
Reactive sulfide	µg/L	-	-	-	-	-
Sulfate	µg/L	250000	-	-	-	-
Sulfide	µg/L	-	-	-	-	-
Total dissolved solids (TDS)	µg/L	500000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW11D-03*	*OW11R-07*	*OW11R-07*	*OW11R-07*
Sample ID:			*GW-34084-012611-RR-018*	*GW-34084-011608-SD-009*	*GW-073008-RR-020*	*GW-34084-012609-RR-028*
Sample Date:			*1/26/2011*	*1/16/2008*	*7/30/2008*	*1/26/2009*
Parameter	*Units*	*New York TOGs Table 1*				
Total kjeldahl nitrogen (TKN)	µg/L	-	-	-	-	-
Total organic carbon (TOC)	µg/L	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/L	-	-	-	-	-
Total Petroleum Hydrocarbons - Non-Polar Material - SGT HEM	µg/L	-	-	-	-	-
Total solids	µg/L	-	-	-	-	-
Total suspended solids (TSS)	µg/L	-	-	-	-	-
Field Parameters						
Conductivity, field	mS/cm	-	1.53	-	-	-
Dissolved oxygen (DO), field	µg/L	-	5590	-	-	-
Oxidation reduction potential (ORP), field	millivolts	-	96	-	-	-
pH, field	s.u.	6.5-8.5	7.76	-	-	-
Salinity	%	-	0.1	-	-	-
Temperature, field	deg C	-	2.9	-	-	-
Turbidity	NTU	5	0	-	-	-

Notes:

(DT) - Analytical results for total and dissolved metals were originally reversed in the original analytical data package, and have been corrected in this table.

> - Greater than amount reported.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

S - Value determined by the method of standard addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

W - Post-digestion spike out of control limits.

- - Not applicable.

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW11R-07*	*OW11R-07*	*OW11R-07*	*OW11R-07*
Sample ID:			*GW-34084-072209-SD-008*	*GW-34084-012010-RR-019*	*GW-34084-012010-RR-021*	*GW-34084-072310-RR-018*
Sample Date:			*7/22/2009*	*1/20/2010*	*1/20/2010*	*7/23/2010*
		New York			*Duplicate*	
Parameter	*Units*	*TOGs Table 1*				
Volatiles						
1,1,1-Trichloroethane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
1,1,2,2-Tetrachloroethane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
1,1,2-Trichloroethane	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)
1,1-Dichloroethane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
1,1-Dichloroethene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
1,2,4-Trichlorobenzene	µg/L	5	ND (10) UJ	ND (10)	ND (10)	ND (10)
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	0.04	ND (10)	ND (10)	ND (10)	ND (10)
1,2-Dibromoethane (Ethylene dibromide)	µg/L	0.0006	ND (10)	ND (10)	ND (10)	ND (10)
1,2-Dichlorobenzene	µg/L	3	ND (10)	ND (10)	ND (10)	ND (10)
1,2-Dichloroethane	µg/L	0.6	ND (10)	ND (10)	ND (10)	ND (10)
1,2-Dichloroethene (total)	µg/L	-	-	-	-	-
1,2-Dichloropropane	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)
1,3-Dichlorobenzene	µg/L	3	ND (10)	ND (10)	ND (10)	ND (10)
1,4-Dichlorobenzene	µg/L	3	ND (10)	ND (10)	ND (10)	ND (10)
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2-Hexanone	µg/L	-	ND (10) UJ	ND (10)	ND (10)	ND (10) UJ
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10) UJ
Acetone	µg/L	-	ND (10) U	2 J	2 J	ND (10) U
Benzene	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)
Bromodichloromethane	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Bromoform	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Bromomethane (Methyl bromide)	µg/L	5	ND (10)	ND (10) UJ	ND (10) UJ	ND (10) UJ
Carbon disulfide	µg/L	60	ND (10)	ND (10)	ND (10)	ND (10)
Carbon tetrachloride	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Chlorobenzene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Chloroethane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10) UJ
Chloroform (Trichloromethane)	µg/L	7	ND (10)	ND (10)	ND (10)	ND (10)
Chloromethane (Methyl chloride)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10) UJ
cis-1,2-Dichloroethene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
cis-1,3-Dichloropropene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Cyclohexane	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Dibromochloromethane	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Dichlorodifluoromethane (CFC-12)	µg/L	5	ND (10)	ND (10) UJ	ND (10) UJ	ND (10) UJ
Ethylbenzene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Isopropyl benzene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
m&p-Xylenes	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Methyl acetate	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10) UJ
Methyl cyclohexane	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Methyl tert butyl ether (MTBE)	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Methylene chloride	µg/L	5	ND (10)	ND (10) UJ	ND (10) UJ	ND (10) UJ
o-Xylene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Styrene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Tetrachloroethene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Toluene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
trans-1,2-Dichloroethene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
trans-1,3-Dichloropropene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Trichloroethene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Trichlorofluoromethane (CFC-11)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Trifluorotrichloroethane (Freon 113)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Vinyl chloride	µg/L	2	ND (10)	ND (10)	ND (10)	ND (10)
Xylenes (total)	µg/L	-	-	-	-	-
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg/L	5	-	-	-	-
1,2-Dichlorobenzene	µg/L	3	-	-	-	-
1,3-Dichlorobenzene	µg/L	3	-	-	-	-
1,4-Dichlorobenzene	µg/L	3	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW11R-07*	*OW11R-07*	*OW11R-07*	*OW11R-07*
Sample ID:			*GW-34084-072209-SD-008*	*GW-34084-012010-RR-019*	*GW-34084-012010-RR-021*	*GW-34084-072310-RR-018*
Sample Date:			*7/22/2009*	*1/20/2010*	*1/20/2010*	*7/23/2010*
		New York			*Duplicate*	
Parameter	*Units*	*TOGs Table 1*				
2,4,5-Trichlorophenol	µg/L	-	ND (25)	ND (25)	ND (25)	ND (25)
2,4,6-Trichlorophenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2,4-Dichlorophenol	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
2,4-Dimethylphenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2,4-Dinitrophenol	µg/L	-	ND (25)	ND (25) UJ	ND (25) UJ	ND (25)
2,4-Dinitrotoluene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
2,6-Dinitrotoluene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
2-Chloronaphthalene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2-Chlorophenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2-Methylnaphthalene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2-Methylphenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2-Nitroaniline	µg/L	5	ND (25)	ND (25)	ND (25)	ND (25)
2-Nitrophenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
3,3'-Dichlorobenzidine	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
3-Nitroaniline	µg/L	5	ND (25)	ND (25)	ND (25)	ND (25)
4,6-Dinitro-2-methylphenol	µg/L	-	ND (25)	ND (25) UJ	ND (25) UJ	ND (25)
4-Bromophenyl phenyl ether	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
4-Chloro-3-methylphenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
4-Chloroaniline	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
4-Chlorophenyl phenyl ether	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
4-Methylphenol	µg/L	-	ND (10) UJ	ND (10) UJ	ND (10) UJ	ND (10) UJ
4-Nitroaniline	µg/L	5	ND (25)	ND (25)	ND (25)	ND (25)
4-Nitrophenol	µg/L	-	ND (25) UJ	ND (25) UJ	ND (25) UJ	ND (25)
Acenaphthene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Acenaphthylene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Acetophenone	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Anthracene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Atrazine	µg/L	7.5	ND (10)	ND (10)	ND (10)	ND (10)
Benzaldehyde	µg/L	-	ND (10) UJ	ND (10) UJ	ND (10) UJ	ND (10) UJ
Benzo(a)anthracene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Benzo(a)pyrene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Benzo(b)fluoranthene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Benzo(g,h,i)perylene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Benzo(k)fluoranthene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Biphenyl (1,1-Biphenyl)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
bis(2-Chloroethoxy)methane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
bis(2-Chloroethyl)ether	µg/L	1	ND (10) UJ	ND (10)	ND (10)	ND (10)
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Butyl benzylphthalate (BBP)	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Caprolactam	µg/L	-	ND (10) UJ	ND (10) UJ	ND (10) UJ	ND (10) UJ
Carbazole	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Chrysene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Dibenz(a,h)anthracene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Dibenz(a,j)acridine	µg/L	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/L	-	-	-	-	-
Dibenzofuran	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Diethyl phthalate	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Dimethyl phthalate	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Di-n-butylphthalate (DBP)	µg/L	50	ND (10)	ND (10)	ND (10)	ND (10)
Di-n-octyl phthalate (DnOP)	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Fluoranthene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Fluorene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Hexachlorobenzene	µg/L	0.04	ND (10)	ND (10)	ND (10)	ND (10)
Hexachlorobutadiene	µg/L	0.5	ND (10)	ND (10)	ND (10)	ND (10)
Hexachlorocyclopentadiene	µg/L	5	ND (10) UJ	ND (10) UJ	ND (10) UJ	ND (10) U
Hexachloroethane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Indeno(1,2,3-cd)pyrene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Isophorone	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Naphthalene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW11R-07*	*OW11R-07*	*OW11R-07*	*OW11R-07*
Sample ID:			*GW-34084-072209-SD-008*	*GW-34084-012010-RR-019*	*GW-34084-012010-RR-021*	*GW-34084-072310-RR-018*
Sample Date:			*7/22/2009*	*1/20/2010*	*1/20/2010*	*7/23/2010*
					Duplicate	
Parameter	*Units*	*New York TOGs Table 1*				
Nitrobenzene	µg/L	0.4	ND (10)	ND (10)	ND (10)	ND (10)
N-Nitrosodi-n-propylamine	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
N-Nitrosodiphenylamine	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Pentachlorophenol	µg/L	1	ND (25)	ND (25)	ND (25)	ND (25)
Phenanthrene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Phenol	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)
Pyrene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Metals						
Aluminum	µg/L	-	349	746	545	ND (8.0)
Aluminum (dissolved)	µg/L	-	146 J	491 J	165 J	ND (8.0)
Antimony	µg/L	3	**110**	**104**	**102**	**85.7**
Antimony (dissolved)	µg/L	3	**88.4 J**	**99.6**	**97.1**	**91.2**
Arsenic	µg/L	25	**602**	**687**	**607**	**91.2 J**
Arsenic (dissolved)	µg/L	25	**106 J**	**426 J**	**140 J**	**98.5 J**
Barium	µg/L	1000	11.4	12.6	10.4	8.4
Barium (dissolved)	µg/L	1000	9.9 J	10.9	9.4	8.8
Beryllium	µg/L	-	ND (0.13)	ND (0.26)	0.29	ND (0.32) U
Beryllium (dissolved)	µg/L	-	ND (0.13) UJ	0.29	0.36	ND (0.33) U
Cadmium	µg/L	5	**29.8**	**33.3**	**32.5**	**39.7**
Cadmium (dissolved)	µg/L	5	**29.0 J**	**31.9**	**34.0**	**40.9**
Calcium	µg/L	-	488000	476000	488000	684000
Calcium (dissolved)	µg/L	-	488000 J	452000	476000	692000
Chromium	µg/L	50	ND (1.8) U	2.1	ND (0.44)	ND (2.3)
Chromium Total (dissolved)	µg/L	50	ND (1.4) UJ	0.48	ND (0.44)	ND (2.3)
Chromium VI (hexavalent)	µg/L	50	-	-	-	-
Chromium VI (hexavalent) (dissolved)	µg/L	50	-	-	-	-
Cobalt	µg/L	-	71.8	74.1	72.7	89.8
Cobalt (dissolved)	µg/L	-	70.9 J	71.2	74.6	91.3
Copper	µg/L	200	**7570**	**9200**	**8440**	**4370**
Copper (dissolved)	µg/L	200	**6320 J**	**8800**	**8770**	**4980**
Iron	µg/L	300	**8570**	**14000**	**12200**	**1110**
Iron (dissolved)	µg/L	300	**1590 J**	**12800**	**12000**	**1680**
Lead	µg/L	25	**79.5**	**84.2**	**54.0**	5.9
Lead (dissolved)	µg/L	25	**64.1 J**	**50.3 J**	6.3 J	6.8
Magnesium	µg/L	-	32600	23000	22700	17900
Magnesium (dissolved)	µg/L	-	32700 J	22200	23200	18500
Manganese	µg/L	300	**385**	**415**	**400**	**450**
Manganese (dissolved)	µg/L	300	**374 J**	**403**	**418**	**466**
Mercury	µg/L	0.7	0.15	0.16	0.11	ND (0.10)
Mercury (dissolved)	µg/L	0.7	ND (0.10) UJ	0.10	ND (0.10)	ND (0.10)
Nickel	µg/L	100	**11000**	**10200**	**10100**	**14500**
Nickel (dissolved)	µg/L	100	**10900 J**	**9860**	**10300**	**14900**
Potassium	µg/L	-	26900	48600	48800	55800
Potassium (dissolved)	µg/L	-	26800 J	47000	48700	59200
Selenium	µg/L	10	**1330 J**	**524**	**523**	**394**
Selenium (dissolved)	µg/L	10	**1290 J**	**493**	**498**	**403**
Silver	µg/L	50	0.95	2.0	1.5	ND (2.1) U
Silver (dissolved)	µg/L	50	0.59 J	1.2	0.99	ND (1.1) U
Sodium	µg/L	20000	**1050000**	**1100000**	**1090000**	**1600000**
Sodium (dissolved)	µg/L	20000	**942000 J**	**998000**	**1010000**	**1530000**
Thallium	µg/L	-	ND (3.9)	ND (3.2)	ND (3.2)	3.8
Thallium (dissolved)	µg/L	-	ND (3.9) UJ	3.3	ND (3.2)	ND (3.0)
Vanadium	µg/L	-	1.0	2.2	2.1	1.5
Vanadium (dissolved)	µg/L	-	ND (0.77) UJ	1.7	ND (1.4)	ND (1.1)
Zinc	µg/L	-	890	924	904	1020
Zinc (dissolved)	µg/L	-	883 J	888	941	1070

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW11R-07*	*OW11R-07*	*OW11R-07*	*OW11R-07*
Sample ID:			*GW-34084-072209-SD-008*	*GW-34084-012010-RR-019*	*GW-34084-012010-RR-021*	*GW-34084-072310-RR-018*
Sample Date:			*7/22/2009*	*1/20/2010*	*1/20/2010*	*7/23/2010*
		New York			*Duplicate*	
Parameter	*Units*	*TOGs Table 1*				
PCBs						
Aroclor-1016 (PCB-1016)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Aroclor-1221 (PCB-1221)	µg/L	-	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Aroclor-1232 (PCB-1232)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Aroclor-1242 (PCB-1242)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Aroclor-1248 (PCB-1248)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Aroclor-1254 (PCB-1254)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Aroclor-1260 (PCB-1260)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Total PCBs	µg/L	-	ND	ND	ND	ND
Pesticides						
4,4'-DDD	µg/L	0.3	-	-	-	-
4,4'-DDE	µg/L	0.2	-	-	-	-
4,4'-DDT	µg/L	0.2	-	-	-	-
Aldrin	µg/L	-	-	-	-	-
alpha-BHC	µg/L	0.01	-	-	-	-
alpha-Chlordane	µg/L	-	-	-	-	-
beta-BHC	µg/L	0.04	-	-	-	-
delta-BHC	µg/L	0.04	-	-	-	-
Dieldrin	µg/L	0.004	-	-	-	-
Endosulfan I	µg/L	-	-	-	-	-
Endosulfan II	µg/L	-	-	-	-	-
Endosulfan sulfate	µg/L	-	-	-	-	-
Endrin	µg/L	-	-	-	-	-
Endrin aldehyde	µg/L	5	-	-	-	-
Endrin ketone	µg/L	5	-	-	-	-
gamma-BHC (lindane)	µg/L	0.05	-	-	-	-
gamma-Chlordane	µg/L	-	-	-	-	-
Heptachlor	µg/L	0.04	-	-	-	-
Heptachlor epoxide	µg/L	0.03	-	-	-	-
Methoxychlor	µg/L	35	-	-	-	-
Toxaphene	µg/L	0.06	-	-	-	-
General Chemistry						
Alkalinity, total (as CaCO3)	µg/L	-	-	-	-	-
Ammonia-N	µg/L	-	-	-	-	-
Biochemical oxygen demand (BOD)	µg/L	-	-	-	-	-
Biochemical oxygen demand (carbonaceous)	µg/L	-	-	-	-	-
Calcium carbonate	µg/L	-	-	-	-	-
Chemical oxygen demand (COD)	µg/L	-	-	-	-	-
Chloride	µg/L	250000	**1710000**	**2010000**	**19800000**	**2710000**
Conductivity	µmhos/cm	-	-	-	-	-
Cyanide (amenable)	µg/L	-	-	-	-	-
Cyanide (dissolved)	µg/L	-	-	-	-	-
Cyanide (total)	µg/L	200	-	-	-	-
Ignitability	deg C	-	-	-	-	-
Nitrate (as N)	µg/L	10000	-	-	-	-
Nitrite (as N)	µg/L	1000	-	-	-	-
Nitrite/Nitrate	µg/L	10000	-	-	-	-
Nitrogen	µg/L	-	-	-	-	-
pH	s.u.	6.5-8.5	-	-	-	-
pH (water)	s.u.	6.5-8.5	-	-	-	-
pH corrosivity	s.u.	-	-	-	-	-
Reactive cyanide	µg/L	-	-	-	-	-
Reactive sulfide	µg/L	-	-	-	-	-
Sulfate	µg/L	250000	-	-	-	-
Sulfide	µg/L	-	-	-	-	-
Total dissolved solids (TDS)	µg/L	500000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW11R-07*	*OW11R-07*	*OW11R-07*	*OW11R-07*
Sample ID:			*GW-34084-072209-SD-008*	*GW-34084-012010-RR-019*	*GW-34084-012010-RR-021*	*GW-34084-072310-RR-018*
Sample Date:			*7/22/2009*	*1/20/2010*	*1/20/2010*	*7/23/2010*
		New York			*Duplicate*	
Parameter	*Units*	*TOGs Table 1*				
Total kjeldahl nitrogen (TKN)	µg/L	-	-	-	-	-
Total organic carbon (TOC)	µg/L	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/L	-	-	-	-	-
Total Petroleum Hydrocarbons - Non-Polar Material - SGT HEM	µg/L	-	-	-	-	-
Total solids	µg/L	-	-	-	-	-
Total suspended solids (TSS)	µg/L	-	-	-	-	-
Field Parameters						
Conductivity, field	mS/cm	-	-	-	-	-
Dissolved oxygen (DO), field	µg/L	-	-	-	-	-
Oxidation reduction potential (ORP), field	millivolts	-	-	-	-	-
pH, field	s.u.	6.5-8.5	-	-	-	-
Salinity	%	-	-	-	-	-
Temperature, field	deg C	-	-	-	-	-
Turbidity	NTU	5	-	-	-	-

Notes:

(DT) - Analytical results for total and dissolved metals were originally reversed in the original analytical data package, and have been corrected in this table.

> - Greater than amount reported.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

S - Value determined by the method of standard addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

W - Post-digestion spike out of control limits.

- - Not applicable.

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW11R-07*	*OW11R-07*	*OW11R-07*	*OW12-99*
Sample ID:			*GW-34084-072310-RR-019*	*GW-34084-012611-RR-017*	*GW-34084-071211-RR-014*	*GW-WPW-031*
Sample Date:			*7/23/2010*	*1/26/2011*	*7/12/2011*	*8/5/1999*
		New York	*Duplicate*			
Parameter	*Units*	*TOGs Table 1*				
Volatiles						
1,1,1-Trichloroethane	µg/L	5	ND (10)	ND (10)	ND (10)	2 J
1,1,2,2-Tetrachloroethane	µg/L	5	ND (10)	ND (10) UJ	ND (10)	ND (10)
1,1,2-Trichloroethane	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)
1,1-Dichloroethane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
1,1-Dichloroethene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
1,2,4-Trichlorobenzene	µg/L	5	ND (10)	ND (10)	ND (10) UJ	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	0.04	ND (10)	ND (10)	ND (10)	-
1,2-Dibromoethane (Ethylene dibromide)	µg/L	0.0006	ND (10)	ND (10)	ND (10)	-
1,2-Dichlorobenzene	µg/L	3	ND (10)	ND (10)	ND (10)	-
1,2-Dichloroethane	µg/L	0.6	ND (10)	ND (10)	ND (10)	ND (10)
1,2-Dichloroethene (total)	µg/L	-	-	-	-	ND (10)
1,2-Dichloropropane	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)
1,3-Dichlorobenzene	µg/L	3	ND (10)	ND (10)	ND (10)	-
1,4-Dichlorobenzene	µg/L	3	ND (10)	ND (10)	ND (10)	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2-Hexanone	µg/L	-	ND (10) UJ	ND (10)	ND (10)	ND (10)
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	-	ND (10) UJ	ND (10)	ND (10)	ND (10)
Acetone	µg/L	-	ND (10) U	5 J	ND (10) U	ND (10)
Benzene	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)
Bromodichloromethane	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Bromoform	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Bromomethane (Methyl bromide)	µg/L	5	ND (10) UJ	ND (10)	ND (10)	ND (10)
Carbon disulfide	µg/L	60	ND (10)	ND (10)	ND (10)	ND (10)
Carbon tetrachloride	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Chlorobenzene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Chloroethane	µg/L	5	ND (10) UJ	ND (10)	ND (10) UJ	ND (10)
Chloroform (Trichloromethane)	µg/L	7	ND (10)	ND (10)	ND (10)	ND (10)
Chloromethane (Methyl chloride)	µg/L	5	ND (10) UJ	ND (10)	ND (10) UJ	ND (10)
cis-1,2-Dichloroethene	µg/L	5	ND (10)	ND (10)	ND (10)	-
cis-1,3-Dichloropropene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Cyclohexane	µg/L	-	ND (10)	ND (10) UJ	ND (10)	-
Dibromochloromethane	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Dichlorodifluoromethane (CFC-12)	µg/L	5	ND (10) UJ	ND (10)	ND (10)	-
Ethylbenzene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Isopropyl benzene	µg/L	5	ND (10)	ND (10)	ND (10)	-
m&p-Xylenes	µg/L	-	ND (10)	ND (10)	ND (10)	-
Methyl acetate	µg/L	-	ND (10) UJ	ND (10)	ND (10)	-
Methyl cyclohexane	µg/L	-	ND (10)	ND (10) UJ	ND (10)	-
Methyl tert butyl ether (MTBE)	µg/L	-	ND (10)	ND (10)	ND (10)	-
Methylene chloride	µg/L	5	ND (10) UJ	ND (10)	ND (10)	ND (10)
o-Xylene	µg/L	5	ND (10)	ND (10)	ND (10)	-
Styrene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Tetrachloroethene	µg/L	5	ND (10)	ND (10)	ND (10)	**26**
Toluene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
trans-1,2-Dichloroethene	µg/L	5	ND (10)	ND (10)	ND (10)	-
trans-1,3-Dichloropropene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Trichloroethene	µg/L	5	ND (10)	ND (10)	ND (10)	2 J
Trichlorofluoromethane (CFC-11)	µg/L	5	ND (10)	ND (10)	ND (10) UJ	-
Trifluorotrichloroethane (Freon 113)	µg/L	5	ND (10)	ND (10)	ND (10)	-
Vinyl chloride	µg/L	2	ND (10)	ND (10)	ND (10)	ND (10)
Xylenes (total)	µg/L	-	-	-	-	ND (10)
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg/L	5	-	-	-	ND (10)
1,2-Dichlorobenzene	µg/L	3	-	-	-	ND (10)
1,3-Dichlorobenzene	µg/L	3	-	-	-	ND (10)
1,4-Dichlorobenzene	µg/L	3	-	-	-	ND (10)
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW11R-07*	*OW11R-07*	*OW11R-07*	*OW12-99*
Sample ID:			*GW-34084-072310-RR-019*	*GW-34084-012611-RR-017*	*GW-34084-071211-RR-014*	*GW-WPW-031*
Sample Date:			*7/23/2010*	*1/26/2011*	*7/12/2011*	*8/5/1999*
		New York	*Duplicate*			
Parameter	*Units*	*TOGs Table 1*				
2,4,5-Trichlorophenol	µg/L	-	ND (25)	ND (25)	ND (25)	ND (25)
2,4,6-Trichlorophenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2,4-Dichlorophenol	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
2,4-Dimethylphenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2,4-Dinitrophenol	µg/L	-	ND (25)	ND (25)	ND (25)	ND (25)
2,4-Dinitrotoluene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
2,6-Dinitrotoluene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
2-Chloronaphthalene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2-Chlorophenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2-Methylnaphthalene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2-Methylphenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2-Nitroaniline	µg/L	5	ND (25)	ND (25)	ND (25)	ND (25)
2-Nitrophenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
3,3'-Dichlorobenzidine	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
3-Nitroaniline	µg/L	5	ND (25)	ND (25)	ND (25)	ND (25)
4,6-Dinitro-2-methylphenol	µg/L	-	ND (25)	ND (25)	ND (25)	ND (25)
4-Bromophenyl phenyl ether	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
4-Chloro-3-methylphenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
4-Chloroaniline	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
4-Chlorophenyl phenyl ether	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
4-Methylphenol	µg/L	-	ND (10) UJ	ND (10) UJ	ND (10) UJ	ND (10)
4-Nitroaniline	µg/L	5	ND (25)	ND (25)	ND (25)	ND (25)
4-Nitrophenol	µg/L	-	ND (25)	ND (25)	ND (25)	ND (25)
Acenaphthene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Acenaphthylene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Acetophenone	µg/L	-	ND (10)	ND (10)	ND (10)	-
Anthracene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Atrazine	µg/L	7.5	ND (10)	ND (10)	ND (10)	-
Benzaldehyde	µg/L	-	ND (10) UJ	ND (10)	ND (10) UJ	-
Benzo(a)anthracene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Benzo(a)pyrene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Benzo(b)fluoranthene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Benzo(g,h,i)perylene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Benzo(k)fluoranthene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Biphenyl (1,1-Biphenyl)	µg/L	5	ND (10)	ND (10)	ND (10)	-
bis(2-Chloroethoxy)methane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
bis(2-Chloroethyl)ether	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	5	ND (10)	ND (10) UJ	ND (10)	3 J
Butyl benzylphthalate (BBP)	µg/L	-	ND (10)	ND (10) UJ	ND (10)	ND (10)
Caprolactam	µg/L	-	ND (10) UJ	ND (10)	ND (10) UJ	-
Carbazole	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Chrysene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Dibenz(a,h)anthracene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Dibenz(a,j)acridine	µg/L	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/L	-	-	-	-	-
Dibenzofuran	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Diethyl phthalate	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Dimethyl phthalate	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Di-n-butylphthalate (DBP)	µg/L	50	ND (10)	ND (10)	ND (10)	2 J
Di-n-octyl phthalate (DnOP)	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Fluoranthene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Fluorene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Hexachlorobenzene	µg/L	0.04	ND (10)	ND (10)	ND (10)	ND (10)
Hexachlorobutadiene	µg/L	0.5	ND (10)	ND (10)	ND (10)	ND (10)
Hexachlorocyclopentadiene	µg/L	5	ND (10) U	ND (10)	ND (10) UJ	ND (10)
Hexachloroethane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Indeno(1,2,3-cd)pyrene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Isophorone	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Naphthalene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW11R-07*	*OW11R-07*	*OW11R-07*	*OW12-99*
Sample ID:			*GW-34084-072310-RR-019*	*GW-34084-012611-RR-017*	*GW-34084-071211-RR-014*	*GW-WPW-031*
Sample Date:			*7/23/2010*	*1/26/2011*	*7/12/2011*	*8/5/1999*
			Duplicate			
Parameter	*Units*	*New York TOGs Table 1*				
Nitrobenzene	µg/L	0.4	ND (10)	ND (10)	ND (10)	ND (10)
N-Nitrosodi-n-propylamine	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
N-Nitrosodiphenylamine	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Pentachlorophenol	µg/L	1	ND (25)	ND (25)	ND (25)	ND (25)
Phenanthrene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Phenol	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)
Pyrene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Metals						
Aluminum	µg/L	-	ND (8.0)	302	ND (227) U	4450
Aluminum (dissolved)	µg/L	-	ND (8.0)	180	ND (123) U	1110
Antimony	µg/L	3	**91.6**	**120**	**130**	ND (7.2)
Antimony (dissolved)	µg/L	3	**90.6**	**121**	**145**	ND (7.2)
Arsenic	µg/L	25	**103 J**	**1100**	**300**	ND (2.0)
Arsenic (dissolved)	µg/L	25	**91.6 J**	**827**	**98.3**	ND (2.0)
Barium	µg/L	1000	8.8	11.6	10.2	314
Barium (dissolved)	µg/L	1000	8.6	10.5 J	9.9	115
Beryllium	µg/L	-	ND (0.26) U	ND (0.25) U	ND (0.71) U	1.3
Beryllium (dissolved)	µg/L	-	ND (0.27) U	ND (0.28) U	ND (0.88) U	ND (0.10)
Cadmium	µg/L	5	**41.4**	**32.5**	**36.7**	1.4
Cadmium (dissolved)	µg/L	5	**41.1**	**30.8**	**37.1**	ND (0.30)
Calcium	µg/L	-	712000	392000	365000	125000
Calcium (dissolved)	µg/L	-	705000	383000	403000	104000
Chromium	µg/L	50	ND (2.3)	2.5	ND (0.40)	8.6
Chromium Total (dissolved)	µg/L	50	ND (2.3)	0.63	ND (0.40)	3.7
Chromium VI (hexavalent)	µg/L	50	-	-	-	-
Chromium VI (hexavalent) (dissolved)	µg/L	50	-	-	-	-
Cobalt	µg/L	-	92.5	68.4	64.4	23.8
Cobalt (dissolved)	µg/L	-	92.2	65.2	70.2	7.0
Copper	µg/L	200	**4890**	**8080**	**5020**	103
Copper (dissolved)	µg/L	200	**4760**	**7030**	**4560**	30.4
Iron	µg/L	300	**1600**	**14600**	**4030**	**4360**
Iron (dissolved)	µg/L	300	**1450**	**11900**	**2400**	**2330**
Lead	µg/L	25	6.9	**65.9**	**42.0**	ND (9.1)
Lead (dissolved)	µg/L	25	5.5	**37.4**	4.1	ND (4.0)
Magnesium	µg/L	-	18800	19900	24300	43700
Magnesium (dissolved)	µg/L	-	18600	19100	27300	35300
Manganese	µg/L	300	**475**	**407**	**331**	**2500**
Manganese (dissolved)	µg/L	300	**468**	**384**	**341**	**562**
Mercury	µg/L	0.7	ND (0.10)	ND (0.10)	ND (0.10)	0.12
Mercury (dissolved)	µg/L	0.7	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
Nickel	µg/L	100	**15200**	**9380**	**5920**	45.3
Nickel (dissolved)	µg/L	100	**15100**	**8850**	**5940**	12.6
Potassium	µg/L	-	59600	59700	103000 J	4210 J
Potassium (dissolved)	µg/L	-	58800	59000	109000 J	3520 J
Selenium	µg/L	10	**413**	**440 J**	**1300**	**12.7**
Selenium (dissolved)	µg/L	10	**406**	**434**	**1390**	**16.6**
Silver	µg/L	50	ND (1.2) U	ND (3.4) U	4.0 J	0.96
Silver (dissolved)	µg/L	50	ND (1.4) U	ND (2.9) U	3.6 J	ND (0.60)
Sodium	µg/L	20000	**1630000**	**2090000**	**2450000**	**25300**
Sodium (dissolved)	µg/L	20000	**1590000**	**2050000**	**2520000**	**24400**
Thallium	µg/L	-	ND (3.0)	ND (2.3)	ND (2.7)	3.0
Thallium (dissolved)	µg/L	-	ND (3.0)	ND (2.3)	3.6	ND (2.2)
Vanadium	µg/L	-	ND (1.1)	0.97	0.58	6.2
Vanadium (dissolved)	µg/L	-	ND (1.1)	ND (1.1) U	ND (1.3) U	3.5
Zinc	µg/L	-	1080	738	723	55.5
Zinc (dissolved)	µg/L	-	1070	684	735	14.2

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
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Sample Location:			*OW11R-07*	*OW11R-07*	*OW11R-07*	*OW12-99*
Sample ID:			*GW-34084-072310-RR-019*	*GW-34084-012611-RR-017*	*GW-34084-071211-RR-014*	*GW-WPW-031*
Sample Date:			*7/23/2010*	*1/26/2011*	*7/12/2011*	*8/5/1999*
		New York	*Duplicate*			
Parameter	*Units*	*TOGs Table 1*				
PCBs						
Aroclor-1016 (PCB-1016)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0) J
Aroclor-1221 (PCB-1221)	µg/L	-	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0) J
Aroclor-1232 (PCB-1232)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0) J
Aroclor-1242 (PCB-1242)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0) J
Aroclor-1248 (PCB-1248)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0) J
Aroclor-1254 (PCB-1254)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0) J
Aroclor-1260 (PCB-1260)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0) J
Total PCBs	µg/L	-	ND	ND	ND	ND
Pesticides						
4,4'-DDD	µg/L	0.3	-	-	-	ND (0.10) J
4,4'-DDE	µg/L	0.2	-	-	-	ND (0.10) J
4,4'-DDT	µg/L	0.2	-	-	-	ND (0.10) J
Aldrin	µg/L	-	-	-	-	ND (0.050) J
alpha-BHC	µg/L	0.01	-	-	-	ND (0.050) J
alpha-Chlordane	µg/L	-	-	-	-	ND (0.050) J
beta-BHC	µg/L	0.04	-	-	-	ND (0.050) J
delta-BHC	µg/L	0.04	-	-	-	ND (0.050) J
Dieldrin	µg/L	0.004	-	-	-	ND (0.10) J
Endosulfan I	µg/L	-	-	-	-	ND (0.050) J
Endosulfan II	µg/L	-	-	-	-	ND (0.10) J
Endosulfan sulfate	µg/L	-	-	-	-	ND (0.10) J
Endrin	µg/L	-	-	-	-	ND (0.10) J
Endrin aldehyde	µg/L	5	-	-	-	ND (0.10) J
Endrin ketone	µg/L	5	-	-	-	ND (0.10) J
gamma-BHC (lindane)	µg/L	0.05	-	-	-	ND (0.050) J
gamma-Chlordane	µg/L	-	-	-	-	ND (0.050) J
Heptachlor	µg/L	0.04	-	-	-	ND (0.050) J
Heptachlor epoxide	µg/L	0.03	-	-	-	ND (0.050) J
Methoxychlor	µg/L	35	-	-	-	ND (0.50) J
Toxaphene	µg/L	0.06	-	-	-	ND (5.0) J
General Chemistry						
Alkalinity, total (as CaCO3)	µg/L	-	-	-	-	-
Ammonia-N	µg/L	-	-	-	-	-
Biochemical oxygen demand (BOD)	µg/L	-	-	-	-	-
Biochemical oxygen demand (carbonaceous)	µg/L	-	-	-	-	-
Calcium carbonate	µg/L	-	-	-	-	-
Chemical oxygen demand (COD)	µg/L	-	-	-	-	-
Chloride	µg/L	250000	**2640000**	**3280000**	**3900000**	-
Conductivity	µmhos/cm	-	-	-	-	-
Cyanide (amenable)	µg/L	-	-	-	-	-
Cyanide (dissolved)	µg/L	-	-	-	-	ND (10.0)
Cyanide (total)	µg/L	200	-	-	-	ND (10.0)
Ignitability	deg C	-	-	-	-	-
Nitrate (as N)	µg/L	10000	-	-	-	-
Nitrite (as N)	µg/L	1000	-	-	-	-
Nitrite/Nitrate	µg/L	10000	-	-	-	-
Nitrogen	µg/L	-	-	-	-	-
pH	s.u.	6.5-8.5	-	-	-	-
pH (water)	s.u.	6.5-8.5	-	-	-	-
pH corrosivity	s.u.	-	-	-	-	-
Reactive cyanide	µg/L	-	-	-	-	-
Reactive sulfide	µg/L	-	-	-	-	-
Sulfate	µg/L	250000	-	-	-	-
Sulfide	µg/L	-	-	-	-	-
Total dissolved solids (TDS)	µg/L	500000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW11R-07*	*OW11R-07*	*OW11R-07*	*OW12-99*
Sample ID:			*GW-34084-072310-RR-019*	*GW-34084-012611-RR-017*	*GW-34084-071211-RR-014*	*GW-WPW-031*
Sample Date:			*7/23/2010*	*1/26/2011*	*7/12/2011*	*8/5/1999*
		New York	*Duplicate*			
Parameter	*Units*	*TOGs Table 1*				
Total kjeldahl nitrogen (TKN)	µg/L	-	-	-	-	-
Total organic carbon (TOC)	µg/L	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/L	-	-	-	-	-
Total Petroleum Hydrocarbons - Non-Polar Material - SGT HEM	µg/L	-	-	-	-	-
Total solids	µg/L	-	-	-	-	-
Total suspended solids (TSS)	µg/L	-	-	-	-	-
Field Parameters						
Conductivity, field	mS/cm	-	-	11.9	14	-
Dissolved oxygen (DO), field	µg/L	-	-	0	7720	-
Oxidation reduction potential (ORP), field	millivolts	-	-	74	100	-
pH, field	s.u.	6.5-8.5	-	**6.4**	**5.47**	-
Salinity	%	-	-	0.6	0.8	-
Temperature, field	deg C	-	-	3.3	16.57	-
Turbidity	NTU	5	-	0	**7.44**	-

Notes:

(DT) - Analytical results for total and dissolved metals were originally reversed in the original analytical data package, and have been corrected in this table.

> - Greater than amount reported.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

S - Value determined by the method of standard addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

W - Post-digestion spike out of control limits.

- - Not applicable.

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW12R-07*	*OW12R-07*	*OW12R-07*	*OW12R-07*
Sample ID:			*GW-34084-011808-SD-021*	*GW-073008-RR-021*	*GW-34084-012609-RR-029*	*GW-34084-072309-SD-012*
Sample Date:			*1/18/2008*	*7/30/2008*	*1/26/2009*	*7/23/2009*
Parameter	*Units*	*New York TOGs Table 1*				
Volatiles						
1,1,1-Trichloroethane	µg/L	5	ND (10)	ND (10) UJ	ND (10)	ND (10)
1,1,2,2-Tetrachloroethane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
1,1,2-Trichloroethane	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)
1,1-Dichloroethane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
1,1-Dichloroethene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
1,2,4-Trichlorobenzene	µg/L	5	ND (10) UJ	ND (10) UJ	ND (10)	ND (10) UJ
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	0.04	ND (10)	ND (10) UJ	ND (10)	ND (10)
1,2-Dibromoethane (Ethylene dibromide)	µg/L	0.0006	ND (10)	ND (10)	ND (10)	ND (10)
1,2-Dichlorobenzene	µg/L	3	ND (10) UJ	ND (10)	ND (10)	ND (10)
1,2-Dichloroethane	µg/L	0.6	ND (10)	ND (10) UJ	ND (10)	ND (10)
1,2-Dichloroethene (total)	µg/L	-	-	-	-	-
1,2-Dichloropropane	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)
1,3-Dichlorobenzene	µg/L	3	ND (10) UJ	ND (10)	ND (10)	ND (10)
1,4-Dichlorobenzene	µg/L	3	ND (10) UJ	ND (10)	ND (10)	ND (10)
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	-	ND (10) UJ	ND (10)	ND (10)	ND (10)
2-Hexanone	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10) UJ
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Acetone	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Benzene	µg/L	1	ND (10)	ND (10) UJ	ND (10)	ND (10)
Bromodichloromethane	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Bromoform	µg/L	-	ND (10) UJ	ND (10)	ND (10)	ND (10)
Bromomethane (Methyl bromide)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Carbon disulfide	µg/L	60	ND (10) UJ	ND (10) UJ	ND (10)	ND (10)
Carbon tetrachloride	µg/L	5	ND (10)	ND (10) UJ	ND (10)	ND (10)
Chlorobenzene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Chloroethane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Chloroform (Trichloromethane)	µg/L	7	ND (10)	ND (10)	ND (10)	ND (10)
Chloromethane (Methyl chloride)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
cis-1,2-Dichloroethene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
cis-1,3-Dichloropropene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Cyclohexane	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Dibromochloromethane	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Dichlorodifluoromethane (CFC-12)	µg/L	5	ND (10)	ND (10)	ND (10) UJ	ND (10)
Ethylbenzene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Isopropyl benzene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
m&p-Xylenes	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Methyl acetate	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Methyl cyclohexane	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Methyl tert butyl ether (MTBE)	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Methylene chloride	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
o-Xylene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Styrene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Tetrachloroethene	µg/L	5	**32**	**23 J**	**48**	**48**
Toluene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
trans-1,2-Dichloroethene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
trans-1,3-Dichloropropene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Trichloroethene	µg/L	5	1 J	1 J	2 J	2 J
Trichlorofluoromethane (CFC-11)	µg/L	5	ND (10) UJ	ND (10) UJ	ND (10)	ND (10)
Trifluorotrichloroethane (Freon 113)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Vinyl chloride	µg/L	2	ND (10)	ND (10)	ND (10)	ND (10)
Xylenes (total)	µg/L	-	-	-	-	-
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg/L	5	-	-	-	-
1,2-Dichlorobenzene	µg/L	3	-	-	-	-
1,3-Dichlorobenzene	µg/L	3	-	-	-	-
1,4-Dichlorobenzene	µg/L	3	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW12R-07*	*OW12R-07*	*OW12R-07*	*OW12R-07*
Sample ID:			*GW-34084-011808-SD-021*	*GW-073008-RR-021*	*GW-34084-012609-RR-029*	*GW-34084-072309-SD-012*
Sample Date:			*1/18/2008*	*7/30/2008*	*1/26/2009*	*7/23/2009*
Parameter	*Units*	*New York TOGs Table 1*				
2,4,5-Trichlorophenol	µg/L	-	ND (25)	ND (25)	ND (25)	ND (25)
2,4,6-Trichlorophenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2,4-Dichlorophenol	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
2,4-Dimethylphenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2,4-Dinitrophenol	µg/L	-	ND (25)	ND (25)	ND (25)	ND (25)
2,4-Dinitrotoluene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
2,6-Dinitrotoluene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
2-Chloronaphthalene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2-Chlorophenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2-Methylnaphthalene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2-Methylphenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2-Nitroaniline	µg/L	5	ND (25)	ND (25)	ND (25)	ND (25)
2-Nitrophenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
3,3'-Dichlorobenzidine	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
3-Nitroaniline	µg/L	5	ND (25)	ND (25)	ND (25)	ND (25)
4,6-Dinitro-2-methylphenol	µg/L	-	ND (25)	ND (25)	ND (25)	ND (25)
4-Bromophenyl phenyl ether	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
4-Chloro-3-methylphenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
4-Chloroaniline	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
4-Chlorophenyl phenyl ether	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
4-Methylphenol	µg/L	-	ND (10) UJ	ND (10) UJ	ND (10) UJ	ND (10) UJ
4-Nitroaniline	µg/L	5	ND (25)	ND (25)	ND (25)	ND (25)
4-Nitrophenol	µg/L	-	ND (25)	ND (25)	ND (25)	ND (25) UJ
Acenaphthene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Acenaphthylene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Acetophenone	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Anthracene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Atrazine	µg/L	7.5	ND (10) UJ	ND (10)	ND (10) UJ	ND (10)
Benzaldehyde	µg/L	-	ND (10) UJ	ND (10) UJ	ND (10) UJ	ND (10) UJ
Benzo(a)anthracene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Benzo(a)pyrene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Benzo(b)fluoranthene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Benzo(g,h,i)perylene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Benzo(k)fluoranthene	µg/L	-	ND (10) UJ	ND (10)	ND (10)	ND (10)
Biphenyl (1,1-Biphenyl)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
bis(2-Chloroethoxy)methane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
bis(2-Chloroethyl)ether	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10) UJ
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Butyl benzylphthalate (BBP)	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Caprolactam	µg/L	-	ND (10)	ND (10)	ND (10) UJ	ND (10) UJ
Carbazole	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Chrysene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Dibenz(a,h)anthracene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Dibenz(a,j)acridine	µg/L	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/L	-	-	-	-	-
Dibenzofuran	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Diethyl phthalate	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Dimethyl phthalate	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Di-n-butylphthalate (DBP)	µg/L	50	ND (10)	ND (10)	ND (10)	ND (10)
Di-n-octyl phthalate (DnOP)	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Fluoranthene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Fluorene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Hexachlorobenzene	µg/L	0.04	ND (10)	ND (10)	ND (10)	ND (10)
Hexachlorobutadiene	µg/L	0.5	ND (10)	ND (10)	ND (10)	ND (10)
Hexachlorocyclopentadiene	µg/L	5	ND (10)	ND (10) UJ	ND (10) UJ	ND (10) UJ
Hexachloroethane	µg/L	5	ND (10) UJ	ND (10)	ND (10)	ND (10)
Indeno(1,2,3-cd)pyrene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Isophorone	µg/L	-	ND (10) UJ	ND (10)	ND (10)	ND (10)
Naphthalene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW12R-07*	*OW12R-07*	*OW12R-07*	*OW12R-07*
Sample ID:			*GW-34084-011808-SD-021*	*GW-073008-RR-021*	*GW-34084-012609-RR-029*	*GW-34084-072309-SD-012*
Sample Date:			*1/18/2008*	*7/30/2008*	*1/26/2009*	*7/23/2009*
Parameter	*Units*	*New York TOGs Table 1*				
Nitrobenzene	µg/L	0.4	ND (10)	ND (10)	ND (10)	ND (10)
N-Nitrosodi-n-propylamine	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
N-Nitrosodiphenylamine	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Pentachlorophenol	µg/L	1	ND (25)	ND (25)	ND (25)	ND (25)
Phenanthrene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Phenol	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)
Pyrene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Metals						
Aluminum	µg/L	-	407	302 (DT)	ND (110) U	219
Aluminum (dissolved)	µg/L	-	ND (42.8) U	152 (DT)	ND (23.7) U	46.9 J
Antimony	µg/L	3	ND (2.3)	**93.9 (DT)**	ND (2.3)	ND (2.5)
Antimony (dissolved)	µg/L	3	ND (2.3)	ND (4.4) (DT)	ND (2.3) U	ND (2.5) UJ
Arsenic	µg/L	25	ND (1.8)	**433 (DT)**	ND (1.8)	ND (3.0)
Arsenic (dissolved)	µg/L	25	ND (1.8)	ND (2.9) (DT)	ND (1.8)	ND (3.0) UJ
Barium	µg/L	1000	92.2	ND (6.5) U(DT)	90.8	85.8
Barium (dissolved)	µg/L	1000	85.4	85.3 (DT)	91.3	81.2 J
Beryllium	µg/L	-	ND (0.18)	ND (0.20) U(DT)	ND (0.096)	ND (0.13)
Beryllium (dissolved)	µg/L	-	ND (0.18)	ND (0.10) (DT)	ND (0.19) U	ND (0.13) UJ
Cadmium	µg/L	5	ND (0.32)	**21.0 (DT)**	ND (0.35)	ND (0.26)
Cadmium (dissolved)	µg/L	5	0.43	ND (0.27) (DT)	ND (0.35)	ND (0.26) UJ
Calcium	µg/L	-	116000	ND (394000) U(DT)	135000	120000
Calcium (dissolved)	µg/L	-	112000	121000 (DT)	134000	115000 J
Chromium	µg/L	50	ND (3.1) U	ND (0.75) (DT)	1.4	ND (2.4) U
Chromium Total (dissolved)	µg/L	50	ND (3.2) U	2.9 (DT)	1.5	ND (2.0) UJ
Chromium VI (hexavalent)	µg/L	50	-	-	-	-
Chromium VI (hexavalent) (dissolved)	µg/L	50	-	-	-	-
Cobalt	µg/L	-	1.4	74.7 (DT)	ND (0.88)	ND (0.76)
Cobalt (dissolved)	µg/L	-	ND (1.1)	ND (1.7) (DT)	ND (0.88)	ND (0.76) UJ
Copper	µg/L	200	17.7	**6780 (DT)**	8.2	9.9
Copper (dissolved)	µg/L	200	16.4	15.8 (DT)	6.5	ND (6.5) UJ
Iron	µg/L	300	**724**	**5250 (DT)**	197	**367**
Iron (dissolved)	µg/L	300	ND (38.4) U	269 (DT)	ND (14.5) U	ND (10.9) UJ
Lead	µg/L	25	ND (1.4)	14.8 (DT)	2.4	**28.3**
Lead (dissolved)	µg/L	25	ND (1.4)	ND (2.3) (DT)	ND (1.3)	**26.9 J**
Magnesium	µg/L	-	35300	ND (29900) U(DT)	45600	37100
Magnesium (dissolved)	µg/L	-	35300	41300 (DT)	46500	36300 J
Manganese	µg/L	300	57.7	**376 (DT)**	19.1	33.8
Manganese (dissolved)	µg/L	300	11.1	19.0 (DT)	ND (1.3) U	ND (0.50) UJ
Mercury	µg/L	0.7	ND (0.10)	ND (0.13) (DT)	ND (0.10)	ND (0.10)
Mercury (dissolved)	µg/L	0.7	ND (0.10)	ND (0.13) (DT)	ND (0.13)	ND (0.10) UJ
Nickel	µg/L	100	4.0	**10400 (DT)**	3.7	ND (2.9) U
Nickel (dissolved)	µg/L	100	5.0	ND (5.1) U(DT)	3.8	ND (1.3) UJ
Potassium	µg/L	-	3630 J	25100 J(DT)	3540	3690
Potassium (dissolved)	µg/L	-	4280	3750 J(DT)	3760 J	3430 J
Selenium	µg/L	10	**12.1**	**1370 (DT)**	9.5	**12.1 J**
Selenium (dissolved)	µg/L	10	**13.3 J**	9.8 (DT)	**11.3**	**17.2 J**
Silver	µg/L	50	ND (0.41)	ND (0.89) (DT)	ND (0.54)	ND (0.33)
Silver (dissolved)	µg/L	50	ND (0.41)	ND (0.89) (DT)	ND (0.54)	ND (0.33) UJ
Sodium	µg/L	20000	**50000**	**339000 (DT)**	**44900**	**46500**
Sodium (dissolved)	µg/L	20000	**67200**	**42100 (DT)**	**45300**	**47100 J**
Thallium	µg/L	-	ND (2.3)	ND (2.5) (DT)	ND (1.9)	ND (3.9)
Thallium (dissolved)	µg/L	-	ND (2.3)	ND (2.5) (DT)	ND (1.9)	ND (3.9) UJ
Vanadium	µg/L	-	ND (0.89)	ND (2.2) (DT)	0.89	0.80
Vanadium (dissolved)	µg/L	-	ND (0.89)	ND (2.2) (DT)	ND (0.74)	ND (0.77) UJ
Zinc	µg/L	-	ND (15.4) U	935 (DT)	11.2	ND (5.6) U
Zinc (dissolved)	µg/L	-	86.8	ND (12.7) U(DT)	ND (18.9) U	ND (5.1) UJ

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW12R-07*	*OW12R-07*	*OW12R-07*	*OW12R-07*
Sample ID:			*GW-34084-011808-SD-021*	*GW-073008-RR-021*	*GW-34084-012609-RR-029*	*GW-34084-072309-SD-012*
Sample Date:			*1/18/2008*	*7/30/2008*	*1/26/2009*	*7/23/2009*
Parameter	*Units*	*New York TOGs Table 1*				
PCBs						
Aroclor-1016 (PCB-1016)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Aroclor-1221 (PCB-1221)	µg/L	-	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Aroclor-1232 (PCB-1232)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Aroclor-1242 (PCB-1242)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Aroclor-1248 (PCB-1248)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Aroclor-1254 (PCB-1254)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Aroclor-1260 (PCB-1260)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Total PCBs	µg/L	-	ND	ND	ND	ND
Pesticides						
4,4'-DDD	µg/L	0.3	-	-	-	-
4,4'-DDE	µg/L	0.2	-	-	-	-
4,4'-DDT	µg/L	0.2	-	-	-	-
Aldrin	µg/L	-	-	-	-	-
alpha-BHC	µg/L	0.01	-	-	-	-
alpha-Chlordane	µg/L	-	-	-	-	-
beta-BHC	µg/L	0.04	-	-	-	-
delta-BHC	µg/L	0.04	-	-	-	-
Dieldrin	µg/L	0.004	-	-	-	-
Endosulfan I	µg/L	-	-	-	-	-
Endosulfan II	µg/L	-	-	-	-	-
Endosulfan sulfate	µg/L	-	-	-	-	-
Endrin	µg/L	-	-	-	-	-
Endrin aldehyde	µg/L	5	-	-	-	-
Endrin ketone	µg/L	5	-	-	-	-
gamma-BHC (lindane)	µg/L	0.05	-	-	-	-
gamma-Chlordane	µg/L	-	-	-	-	-
Heptachlor	µg/L	0.04	-	-	-	-
Heptachlor epoxide	µg/L	0.03	-	-	-	-
Methoxychlor	µg/L	35	-	-	-	-
Toxaphene	µg/L	0.06	-	-	-	-
General Chemistry						
Alkalinity, total (as CaCO3)	µg/L	-	-	-	-	-
Ammonia-N	µg/L	-	-	-	-	-
Biochemical oxygen demand (BOD)	µg/L	-	-	-	-	-
Biochemical oxygen demand (carbonaceous)	µg/L	-	-	-	-	-
Calcium carbonate	µg/L	-	-	-	-	-
Chemical oxygen demand (COD)	µg/L	-	-	-	-	-
Chloride	µg/L	250000	158000	127000	146000	133000
Conductivity	µmhos/cm	-	-	-	-	-
Cyanide (amenable)	µg/L	-	-	-	-	-
Cyanide (dissolved)	µg/L	-	-	-	-	-
Cyanide (total)	µg/L	200	-	-	-	-
Ignitability	deg C	-	-	-	-	-
Nitrate (as N)	µg/L	10000	-	-	-	-
Nitrite (as N)	µg/L	1000	-	-	-	-
Nitrite/Nitrate	µg/L	10000	-	-	-	-
Nitrogen	µg/L	-	-	-	-	-
pH	s.u.	6.5-8.5	-	-	-	-
pH (water)	s.u.	6.5-8.5	-	-	-	-
pH corrosivity	s.u.	-	-	-	-	-
Reactive cyanide	µg/L	-	-	-	-	-
Reactive sulfide	µg/L	-	-	-	-	-
Sulfate	µg/L	250000	-	-	-	-
Sulfide	µg/L	-	-	-	-	-
Total dissolved solids (TDS)	µg/L	500000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW12R-07*	*OW12R-07*	*OW12R-07*	*OW12R-07*
Sample ID:			*GW-34084-011808-SD-021*	*GW-073008-RR-021*	*GW-34084-012609-RR-029*	*GW-34084-072309-SD-012*
Sample Date:			*1/18/2008*	*7/30/2008*	*1/26/2009*	*7/23/2009*
Parameter	*Units*	*New York TOGs Table 1*				
Total kjeldahl nitrogen (TKN)	µg/L	-	-	-	-	-
Total organic carbon (TOC)	µg/L	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/L	-	-	-	-	-
Total Petroleum Hydrocarbons - Non-Polar Material - SGT HEM	µg/L	-	-	-	-	-
Total solids	µg/L	-	-	-	-	-
Total suspended solids (TSS)	µg/L	-	-	-	-	-
Field Parameters						
Conductivity, field	mS/cm	-	-	-	-	-
Dissolved oxygen (DO), field	µg/L	-	-	-	-	-
Oxidation reduction potential (ORP), field	millivolts	-	-	-	-	-
pH, field	s.u.	6.5-8.5	-	-	-	-
Salinity	%	-	-	-	-	-
Temperature, field	deg C	-	-	-	-	-
Turbidity	NTU	5	-	-	-	-

Notes:

(DT) - Analytical results for total and dissolved metals were originally reversed in the original analytical data package, and have been corrected in this table.

> - Greater than amount reported.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

S - Value determined by the method of standard addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

W - Post-digestion spike out of control limits.

- - Not applicable.

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW12R-07*	*OW12R-07*	*OW12R-07*	*OW12R-07*
Sample ID:			*GW-34084-072309-SD-013*	*GW-34084-012010-RR-025*	*GW-34084-072310-RR-021*	*GW-34084-012611-RR-019*
Sample Date:			*7/23/2009*	*1/20/2010*	*7/23/2010*	*1/26/2011*
		New York	*Duplicate*			
Parameter	*Units*	*TOGs Table 1*				
Volatiles						
1,1,1-Trichloroethane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
1,1,2,2-Tetrachloroethane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
1,1,2-Trichloroethane	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)
1,1-Dichloroethane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
1,1-Dichloroethene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
1,2,4-Trichlorobenzene	µg/L	5	ND (10) UJ	ND (10)	ND (10)	ND (10)
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	0.04	ND (10)	ND (10)	ND (10)	ND (10)
1,2-Dibromoethane (Ethylene dibromide)	µg/L	0.0006	ND (10)	ND (10)	ND (10)	ND (10)
1,2-Dichlorobenzene	µg/L	3	ND (10)	ND (10)	ND (10)	ND (10)
1,2-Dichloroethane	µg/L	0.6	ND (10)	ND (10)	ND (10)	ND (10)
1,2-Dichloroethene (total)	µg/L	-	-	-	-	-
1,2-Dichloropropane	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)
1,3-Dichlorobenzene	µg/L	3	ND (10)	ND (10)	ND (10)	ND (10)
1,4-Dichlorobenzene	µg/L	3	ND (10)	ND (10)	ND (10)	ND (10)
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	-	ND (10)	ND (10)	3 J	ND (10)
2-Hexanone	µg/L	-	ND (10) UJ	ND (10)	ND (10) UJ	ND (10)
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	-	ND (10)	ND (10)	ND (10) UJ	ND (10)
Acetone	µg/L	-	ND (10)	ND (10)	27	ND (10)
Benzene	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)
Bromodichloromethane	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Bromoform	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Bromomethane (Methyl bromide)	µg/L	5	ND (10)	ND (10) UJ	ND (10) UJ	ND (10)
Carbon disulfide	µg/L	60	ND (10)	ND (10)	ND (10)	ND (10)
Carbon tetrachloride	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Chlorobenzene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Chloroethane	µg/L	5	ND (10)	ND (10)	ND (10) UJ	ND (10)
Chloroform (Trichloromethane)	µg/L	7	ND (10)	ND (10)	ND (10)	ND (10)
Chloromethane (Methyl chloride)	µg/L	5	ND (10)	ND (10)	ND (10) UJ	ND (10)
cis-1,2-Dichloroethene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
cis-1,3-Dichloropropene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Cyclohexane	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10) UJ
Dibromochloromethane	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Dichlorodifluoromethane (CFC-12)	µg/L	5	ND (10)	ND (10) UJ	ND (10) UJ	ND (10)
Ethylbenzene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Isopropyl benzene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
m&p-Xylenes	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Methyl acetate	µg/L	-	ND (10)	ND (10)	ND (10) UJ	ND (10)
Methyl cyclohexane	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10) UJ
Methyl tert butyl ether (MTBE)	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Methylene chloride	µg/L	5	ND (10)	ND (10) UJ	ND (10) UJ	ND (10)
o-Xylene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Styrene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Tetrachloroethene	µg/L	5	47	22	5 J	77
Toluene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
trans-1,2-Dichloroethene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
trans-1,3-Dichloropropene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Trichloroethene	µg/L	5	2 J	1 J	ND (10)	3 J
Trichlorofluoromethane (CFC-11)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Trifluorotrichloroethane (Freon 113)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Vinyl chloride	µg/L	2	ND (10)	ND (10)	ND (10)	ND (10)
Xylenes (total)	µg/L	-	-	-	-	-
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg/L	5	-	-	-	-
1,2-Dichlorobenzene	µg/L	3	-	-	-	-
1,3-Dichlorobenzene	µg/L	3	-	-	-	-
1,4-Dichlorobenzene	µg/L	3	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW12R-07*	*OW12R-07*	*OW12R-07*	*OW12R-07*
Sample ID:			*GW-34084-072309-SD-013*	*GW-34084-012010-RR-025*	*GW-34084-072310-RR-021*	*GW-34084-012611-RR-019*
Sample Date:			*7/23/2009*	*1/20/2010*	*7/23/2010*	*1/26/2011*
		New York	*Duplicate*			
Parameter	*Units*	*TOGs Table 1*				
2,4,5-Trichlorophenol	µg/L	-	ND (25)	ND (25)	ND (25)	ND (25)
2,4,6-Trichlorophenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2,4-Dichlorophenol	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
2,4-Dimethylphenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2,4-Dinitrophenol	µg/L	-	ND (25)	ND (25) UJ	ND (25)	ND (25)
2,4-Dinitrotoluene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
2,6-Dinitrotoluene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
2-Chloronaphthalene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2-Chlorophenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2-Methylnaphthalene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2-Methylphenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2-Nitroaniline	µg/L	5	ND (25)	ND (25)	ND (25)	ND (25)
2-Nitrophenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
3,3'-Dichlorobenzidine	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
3-Nitroaniline	µg/L	5	ND (25)	ND (25)	ND (25)	ND (25)
4,6-Dinitro-2-methylphenol	µg/L	-	ND (25)	ND (25) UJ	ND (25)	ND (25)
4-Bromophenyl phenyl ether	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
4-Chloro-3-methylphenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
4-Chloroaniline	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
4-Chlorophenyl phenyl ether	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
4-Methylphenol	µg/L	-	ND (10) UJ	ND (10) UJ	ND (10) UJ	ND (10) UJ
4-Nitroaniline	µg/L	5	ND (25)	ND (25)	ND (25)	ND (25)
4-Nitrophenol	µg/L	-	ND (25) UJ	ND (25) UJ	ND (25)	ND (25)
Acenaphthene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Acenaphthylene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Acetophenone	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Anthracene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Atrazine	µg/L	7.5	ND (10)	ND (10)	ND (10)	ND (10)
Benzaldehyde	µg/L	-	ND (10) UJ	ND (10) UJ	ND (10) UJ	ND (10)
Benzo(a)anthracene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Benzo(a)pyrene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Benzo(b)fluoranthene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Benzo(g,h,i)perylene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Benzo(k)fluoranthene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Biphenyl (1,1-Biphenyl)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
bis(2-Chloroethoxy)methane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
bis(2-Chloroethyl)ether	µg/L	1	ND (10) UJ	ND (10)	ND (10)	ND (10)
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	5	ND (10)	ND (10)	**16**	2 J
Butyl benzylphthalate (BBP)	µg/L	-	ND (10)	ND (10)	1 J	ND (10) UJ
Caprolactam	µg/L	-	ND (10) UJ	ND (10) UJ	ND (10) UJ	ND (10)
Carbazole	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Chrysene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Dibenz(a,h)anthracene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Dibenz(a,j)acridine	µg/L	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/L	-	-	-	-	-
Dibenzofuran	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Diethyl phthalate	µg/L	-	ND (10)	ND (10)	44	ND (10)
Dimethyl phthalate	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Di-n-butylphthalate (DBP)	µg/L	50	ND (10)	ND (10)	ND (10)	ND (10)
Di-n-octyl phthalate (DnOP)	µg/L	-	ND (10)	ND (10)	2 J	ND (10)
Fluoranthene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Fluorene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Hexachlorobenzene	µg/L	0.04	ND (10)	ND (10)	ND (10)	ND (10)
Hexachlorobutadiene	µg/L	0.5	ND (10)	ND (10)	ND (10)	ND (10)
Hexachlorocyclopentadiene	µg/L	5	ND (10) UJ	ND (10) UJ	ND (10) U	ND (10)
Hexachloroethane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Indeno(1,2,3-cd)pyrene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Isophorone	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Naphthalene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW12R-07*	*OW12R-07*	*OW12R-07*	*OW12R-07*
Sample ID:			*GW-34084-072309-SD-013*	*GW-34084-012010-RR-025*	*GW-34084-072310-RR-021*	*GW-34084-012611-RR-019*
Sample Date:			*7/23/2009*	*1/20/2010*	*7/23/2010*	*1/26/2011*
		New York	*Duplicate*			
Parameter	*Units*	*TOGs Table 1*				
Nitrobenzene	µg/L	0.4	ND (10)	ND (10)	ND (10)	ND (10)
N-Nitrosodi-n-propylamine	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
N-Nitrosodiphenylamine	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Pentachlorophenol	µg/L	1	ND (25)	ND (25)	ND (25)	ND (25)
Phenanthrene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Phenol	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)
Pyrene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Metals						
Aluminum	µg/L	-	255	539	ND (379) U	ND (106) U
Aluminum (dissolved)	µg/L	-	26.7 J	53.1	ND (8.0)	ND (21.4) U
Antimony	µg/L	3	ND (2.5)	ND (2.1)	ND (2.9)	ND (1.9) U
Antimony (dissolved)	µg/L	3	ND (2.5) UJ	ND (2.1)	ND (2.9)	ND (2.0) U
Arsenic	µg/L	25	ND (3.0)	ND (2.3)	ND (2.5)	ND (2.4)
Arsenic (dissolved)	µg/L	25	ND (3.3) UJ	ND (2.3)	ND (2.5)	ND (2.4)
Barium	µg/L	1000	87.0	95.9	72.9	88.1
Barium (dissolved)	µg/L	1000	87.3 J	92.3	68.4	84.8 J
Beryllium	µg/L	-	ND (0.13)	ND (0.26)	ND (0.17)	ND (0.17)
Beryllium (dissolved)	µg/L	-	ND (0.13) UJ	ND (0.26)	ND (0.17)	ND (0.17)
Cadmium	µg/L	5	ND (0.26)	ND (0.34)	ND (0.33)	ND (0.20)
Cadmium (dissolved)	µg/L	5	ND (0.26) UJ	ND (0.34)	ND (0.33)	ND (0.20)
Calcium	µg/L	-	124000	132000	86100	128000
Calcium (dissolved)	µg/L	-	127000 J	135000	100000	126000
Chromium	µg/L	50	ND (2.8) U	2.5	29.4	2.0
Chromium Total (dissolved)	µg/L	50	ND (2.5) UJ	0.75	31.0	1.7
Chromium VI (hexavalent)	µg/L	50	-	-	-	-
Chromium VI (hexavalent) (dissolved)	µg/L	50	-	-	-	-
Cobalt	µg/L	-	ND (0.76)	ND (1.2)	1.4	ND (0.45) U
Cobalt (dissolved)	µg/L	-	ND (0.76) UJ	ND (1.2)	ND (1.4)	ND (0.33)
Copper	µg/L	200	9.2	21.4	34.6	6.0
Copper (dissolved)	µg/L	200	23.0 J	14.0	14.4	6.2
Iron	µg/L	300	**408**	**884**	**1230**	180
Iron (dissolved)	µg/L	300	ND (12.5) UJ	75.7	54.7	ND (14.4) U
Lead	µg/L	25	**26.1**	ND (1.8)	8.1	1.6
Lead (dissolved)	µg/L	25	**26.9 J**	ND (1.8)	ND (1.3)	ND (1.1)
Magnesium	µg/L	-	38100	46900	29000	46800
Magnesium (dissolved)	µg/L	-	39300 J	47400	34100	46000
Manganese	µg/L	300	34.9	63.4	57.6	16.4
Manganese (dissolved)	µg/L	300	ND (0.90) UJ	5.1	20.2	1.2
Mercury	µg/L	0.7	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
Mercury (dissolved)	µg/L	0.7	ND (0.10) UJ	ND (0.10)	ND (0.10)	ND (0.10)
Nickel	µg/L	100	ND (2.7) U	2.4	ND (7.0) U	3.1
Nickel (dissolved)	µg/L	100	31.8 J	1.7	ND (4.8) U	5.4
Potassium	µg/L	-	3670	4280	3800	3890
Potassium (dissolved)	µg/L	-	3800 J	4170	3840	3800
Selenium	µg/L	10	**11.8 J**	**12.8**	ND (10.2) U	**11.6 J**
Selenium (dissolved)	µg/L	10	**16.6 J**	**14.4**	ND (10.6) U	9.8
Silver	µg/L	50	ND (0.33)	ND (0.83)	ND (0.62) U	ND (0.93) U
Silver (dissolved)	µg/L	50	ND (0.33) UJ	ND (0.83)	ND (0.44) U	ND (0.81) U
Sodium	µg/L	20000	**47400**	**48400**	**30900**	**45900**
Sodium (dissolved)	µg/L	20000	**51500 J**	**49100**	**35400**	**45500**
Thallium	µg/L	-	ND (3.9)	ND (3.2)	ND (3.0)	ND (2.3)
Thallium (dissolved)	µg/L	-	ND (3.9) UJ	ND (3.2)	ND (3.0)	ND (2.3)
Vanadium	µg/L	-	1.0	1.7	3.5	ND (0.29)
Vanadium (dissolved)	µg/L	-	ND (0.77) UJ	ND (1.4)	1.3	ND (0.29)
Zinc	µg/L	-	ND (4.6) U	ND (17.0) U	119	ND (17.2) U
Zinc (dissolved)	µg/L	-	ND (4.3) UJ	ND (14.2) U	ND (61.6) U	ND (13.2) U

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW12R-07*	*OW12R-07*	*OW12R-07*	*OW12R-07*
Sample ID:			*GW-34084-072309-SD-013*	*GW-34084-012010-RR-025*	*GW-34084-072310-RR-021*	*GW-34084-012611-RR-019*
Sample Date:			*7/23/2009*	*1/20/2010*	*7/23/2010*	*1/26/2011*
		New York	*Duplicate*			
Parameter	*Units*	*TOGs Table 1*				
PCBs						
Aroclor-1016 (PCB-1016)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Aroclor-1221 (PCB-1221)	µg/L	-	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Aroclor-1232 (PCB-1232)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Aroclor-1242 (PCB-1242)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Aroclor-1248 (PCB-1248)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Aroclor-1254 (PCB-1254)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Aroclor-1260 (PCB-1260)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Total PCBs	µg/L	-	ND	ND	ND	ND
Pesticides						
4,4'-DDD	µg/L	0.3	-	-	-	-
4,4'-DDE	µg/L	0.2	-	-	-	-
4,4'-DDT	µg/L	0.2	-	-	-	-
Aldrin	µg/L	-	-	-	-	-
alpha-BHC	µg/L	0.01	-	-	-	-
alpha-Chlordane	µg/L	-	-	-	-	-
beta-BHC	µg/L	0.04	-	-	-	-
delta-BHC	µg/L	0.04	-	-	-	-
Dieldrin	µg/L	0.004	-	-	-	-
Endosulfan I	µg/L	-	-	-	-	-
Endosulfan II	µg/L	-	-	-	-	-
Endosulfan sulfate	µg/L	-	-	-	-	-
Endrin	µg/L	-	-	-	-	-
Endrin aldehyde	µg/L	5	-	-	-	-
Endrin ketone	µg/L	5	-	-	-	-
gamma-BHC (lindane)	µg/L	0.05	-	-	-	-
gamma-Chlordane	µg/L	-	-	-	-	-
Heptachlor	µg/L	0.04	-	-	-	-
Heptachlor epoxide	µg/L	0.03	-	-	-	-
Methoxychlor	µg/L	35	-	-	-	-
Toxaphene	µg/L	0.06	-	-	-	-
General Chemistry						
Alkalinity, total (as CaCO3)	µg/L	-	-	-	-	-
Ammonia-N	µg/L	-	-	-	-	-
Biochemical oxygen demand (BOD)	µg/L	-	-	-	-	-
Biochemical oxygen demand (carbonaceous)	µg/L	-	-	-	-	-
Calcium carbonate	µg/L	-	-	-	-	-
Chemical oxygen demand (COD)	µg/L	-	-	-	-	-
Chloride	µg/L	250000	129000	158000	108000	148000
Conductivity	µmhos/cm	-	-	-	-	-
Cyanide (amenable)	µg/L	-	-	-	-	-
Cyanide (dissolved)	µg/L	-	-	-	-	-
Cyanide (total)	µg/L	200	-	-	-	-
Ignitability	deg C	-	-	-	-	-
Nitrate (as N)	µg/L	10000	-	-	-	-
Nitrite (as N)	µg/L	1000	-	-	-	-
Nitrite/Nitrate	µg/L	10000	-	-	-	-
Nitrogen	µg/L	-	-	-	-	-
pH	s.u.	6.5-8.5	-	-	-	-
pH (water)	s.u.	6.5-8.5	-	-	-	-
pH corrosivity	s.u.	-	-	-	-	-
Reactive cyanide	µg/L	-	-	-	-	-
Reactive sulfide	µg/L	-	-	-	-	-
Sulfate	µg/L	250000	-	-	-	-
Sulfide	µg/L	-	-	-	-	-
Total dissolved solids (TDS)	µg/L	500000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW12R-07*	*OW12R-07*	*OW12R-07*	*OW12R-07*
Sample ID:			*GW-34084-072309-SD-013*	*GW-34084-012010-RR-025*	*GW-34084-072310-RR-021*	*GW-34084-012611-RR-019*
Sample Date:			*7/23/2009*	*1/20/2010*	*7/23/2010*	*1/26/2011*
		New York	*Duplicate*			
Parameter	*Units*	*TOGs Table 1*				
Total kjeldahl nitrogen (TKN)	µg/L	-	-	-	-	-
Total organic carbon (TOC)	µg/L	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/L	-	-	-	-	-
Total Petroleum Hydrocarbons - Non-Polar Material - SGT HEM	µg/L	-	-	-	-	-
Total solids	µg/L	-	-	-	-	-
Total suspended solids (TSS)	µg/L	-	-	-	-	-
Field Parameters						
Conductivity, field	mS/cm	-	-	-	-	1.52
Dissolved oxygen (DO), field	µg/L	-	-	-	-	7270
Oxidation reduction potential (ORP), field	millivolts	-	-	-	-	122
pH, field	s.u.	6.5-8.5	-	-	-	7.84
Salinity	%	-	-	-	-	0.1
Temperature, field	deg C	-	-	-	-	2.29
Turbidity	NTU	5	-	-	-	**14.3**

Notes:

(DT) - Analytical results for total and dissolved metals were originally reversed in the original analytical data package, and have been corrected in this table.

> - Greater than amount reported.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

S - Value determined by the method of standard addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

W - Post-digestion spike out of control limits.

- - Not applicable.

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW12R-07*	*OW13-00*	*OW13-00*	*OW13-00*	*OW14-00*
Sample ID:			*GW-34084-071311-RR-017*	*GW-MEJ-001*	*GW-34084-123003-RAM-011*	*GW-34084-040204-RR-007*	*GW-MEJ-004*
Sample Date:			*7/13/2011*	*9/15/2000*	*12/30/2003*	*4/2/2004*	*9/15/2000*
Parameter	*Units*	*New York TOGs Table 1*					
Volatiles							
1,1,1-Trichloroethane	µg/L	5	ND (10)	ND (10)	ND (10)	-	**210**
1,1,2,2-Tetrachloroethane	µg/L	5	ND (10)	ND (10)	ND (10)	-	ND (10)
1,1,2-Trichloroethane	µg/L	1	ND (10)	ND (10)	ND (10)	-	ND (10)
1,1-Dichloroethane	µg/L	5	ND (10)	ND (10)	ND (10)	-	**11**
1,1-Dichloroethene	µg/L	5	ND (10)	ND (10)	ND (10)	-	ND (10)
1,2,4-Trichlorobenzene	µg/L	5	ND (10) UJ	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	0.04	ND (10)	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/L	0.0006	ND (10)	-	-	-	-
1,2-Dichlorobenzene	µg/L	3	ND (10)	-	-	-	-
1,2-Dichloroethane	µg/L	0.6	ND (10)	ND (10)	ND (10)	-	ND (10)
1,2-Dichloroethene (total)	µg/L	-	-	ND (10)	ND (10)	-	ND (10)
1,2-Dichloropropane	µg/L	1	ND (10)	ND (10)	ND (10)	-	ND (10)
1,3-Dichlorobenzene	µg/L	3	ND (10)	-	-	-	-
1,4-Dichlorobenzene	µg/L	3	ND (10)	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	-	ND (10)	ND (10)	ND (10) UJ	-	ND (10)
2-Hexanone	µg/L	-	ND (10)	ND (10)	ND (10) UJ	-	ND (10)
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	-	ND (10)	ND (10)	ND (10) UJ	-	ND (10)
Acetone	µg/L	-	ND (10)	ND (10)	12 J	-	ND (10)
Benzene	µg/L	1	ND (10)	ND (10)	ND (10)	-	ND (10)
Bromodichloromethane	µg/L	-	ND (10)	ND (10)	ND (10)	-	ND (10)
Bromoform	µg/L	-	ND (10)	ND (10)	ND (10) UJ	-	ND (10)
Bromomethane (Methyl bromide)	µg/L	5	ND (10)	ND (10)	ND (10)	-	ND (10)
Carbon disulfide	µg/L	60	ND (10)	ND (10)	ND (10)	-	ND (10)
Carbon tetrachloride	µg/L	5	ND (10)	ND (10)	ND (10)	-	ND (10)
Chlorobenzene	µg/L	5	ND (10)	ND (10)	ND (10)	-	ND (10)
Chloroethane	µg/L	5	ND (10) UJ	ND (10)	ND (10)	-	ND (10)
Chloroform (Trichloromethane)	µg/L	7	ND (10)	ND (10)	ND (10)	-	ND (10)
Chloromethane (Methyl chloride)	µg/L	5	ND (10) UJ	ND (10)	ND (10)	-	ND (10)
cis-1,2-Dichloroethene	µg/L	5	ND (10)	-	-	-	-
cis-1,3-Dichloropropene	µg/L	-	ND (10)	ND (10)	ND (10)	-	ND (10)
Cyclohexane	µg/L	-	ND (10)	-	-	-	-
Dibromochloromethane	µg/L	-	ND (10)	ND (10)	ND (10)	-	ND (10)
Dichlorodifluoromethane (CFC-12)	µg/L	5	ND (10)	-	-	-	-
Ethylbenzene	µg/L	5	ND (10)	ND (10)	ND (10)	-	ND (10)
Isopropyl benzene	µg/L	5	ND (10)	-	-	-	-
m&p-Xylenes	µg/L	-	ND (10)	-	-	-	-
Methyl acetate	µg/L	-	ND (10)	-	-	-	-
Methyl cyclohexane	µg/L	-	ND (10)	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/L	-	ND (10)	-	-	-	-
Methylene chloride	µg/L	5	ND (10)	ND (10)	ND (10)	-	ND (10)
o-Xylene	µg/L	5	ND (10)	-	-	-	-
Styrene	µg/L	5	ND (10)	ND (10)	ND (10)	-	ND (10)
Tetrachloroethene	µg/L	5	**29**	ND (10)	ND (10) UJ	-	ND (10)
Toluene	µg/L	5	ND (10)	ND (10)	ND (10)	-	ND (10)
trans-1,2-Dichloroethene	µg/L	5	ND (10)	-	-	-	-
trans-1,3-Dichloropropene	µg/L	-	ND (10)	ND (10)	ND (10)	-	ND (10)
Trichloroethene	µg/L	5	2 J	ND (10)	ND (10)	-	ND (10)
Trichlorofluoromethane (CFC-11)	µg/L	5	ND (10) UJ	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/L	5	ND (10)	-	-	-	-
Vinyl chloride	µg/L	2	ND (10)	ND (10)	ND (10)	-	ND (10)
Xylenes (total)	µg/L	-	-	ND (10)	ND (10)	-	ND (10)
Semi-Volatiles							
1,2,4-Trichlorobenzene	µg/L	5	-	ND (10)	ND (10)	-	ND (10)
1,2-Dichlorobenzene	µg/L	3	-	ND (10)	ND (10)	-	ND (10)
1,3-Dichlorobenzene	µg/L	3	-	ND (10)	ND (10)	-	ND (10)
1,4-Dichlorobenzene	µg/L	3	-	ND (10)	ND (10)	-	ND (10)
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	5	ND (10)	ND (10)	ND (10)	-	ND (10)

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW12R-07*	*OW13-00*	*OW13-00*	*OW13-00*	*OW14-00*
Sample ID:			*GW-34084-071311-RR-017*	*GW-MEJ-001*	*GW-34084-123003-RAM-011*	*GW-34084-040204-RR-007*	*GW-MEJ-004*
Sample Date:			*7/13/2011*	*9/15/2000*	*12/30/2003*	*4/2/2004*	*9/15/2000*
Parameter	*Units*	*New York TOGs Table 1*					
2,4,5-Trichlorophenol	µg/L	-	ND (25)	ND (25)	ND (25)	-	ND (25)
2,4,6-Trichlorophenol	µg/L	-	ND (10)	ND (10)	ND (10)	-	ND (10)
2,4-Dichlorophenol	µg/L	5	ND (10)	ND (10)	ND (10)	-	ND (10)
2,4-Dimethylphenol	µg/L	-	ND (10)	ND (10)	ND (10)	-	ND (10)
2,4-Dinitrophenol	µg/L	-	ND (25)	ND (25)	ND (25)	-	ND (25)
2,4-Dinitrotoluene	µg/L	5	ND (10)	ND (10)	ND (10)	-	ND (10)
2,6-Dinitrotoluene	µg/L	5	ND (10)	ND (10)	ND (10)	-	ND (10)
2-Chloronaphthalene	µg/L	-	ND (10)	ND (10)	ND (10)	-	ND (10)
2-Chlorophenol	µg/L	-	ND (10)	ND (10)	ND (10)	-	ND (10)
2-Methylnaphthalene	µg/L	-	ND (10)	ND (10)	ND (10)	-	ND (10)
2-Methylphenol	µg/L	-	ND (10)	ND (10)	ND (10)	-	ND (10)
2-Nitroaniline	µg/L	5	ND (25)	ND (25)	ND (25)	-	ND (25)
2-Nitrophenol	µg/L	-	ND (10)	ND (10)	ND (10)	-	ND (10)
3,3'-Dichlorobenzidine	µg/L	5	ND (10)	ND (10)	ND (20)	-	ND (10)
3-Nitroaniline	µg/L	5	ND (25)	ND (25)	ND (25)	-	ND (25)
4,6-Dinitro-2-methylphenol	µg/L	-	ND (25)	ND (25)	ND (25)	-	ND (25)
4-Bromophenyl phenyl ether	µg/L	-	ND (10)	ND (10)	ND (10)	-	ND (10)
4-Chloro-3-methylphenol	µg/L	-	ND (10)	ND (10)	ND (10)	-	ND (10)
4-Chloroaniline	µg/L	5	ND (10)	ND (10)	ND (10)	-	ND (10)
4-Chlorophenyl phenyl ether	µg/L	-	ND (10)	ND (10)	ND (10)	-	ND (10)
4-Methylphenol	µg/L	-	ND (10) UJ	ND (10)	ND (10)	-	ND (10)
4-Nitroaniline	µg/L	5	ND (25)	ND (25)	ND (25)	-	ND (25)
4-Nitrophenol	µg/L	-	ND (25)	ND (25)	ND (25)	-	ND (25)
Acenaphthene	µg/L	-	ND (10)	ND (10)	ND (10)	-	ND (10)
Acenaphthylene	µg/L	-	ND (10)	ND (10)	ND (10)	-	ND (10)
Acetophenone	µg/L	-	ND (10)	-	-	-	-
Anthracene	µg/L	-	ND (10)	ND (10)	ND (10)	-	ND (10)
Atrazine	µg/L	7.5	ND (10)	-	-	-	-
Benzaldehyde	µg/L	-	ND (10) UJ	-	-	-	-
Benzo(a)anthracene	µg/L	-	ND (10)	ND (10)	ND (10)	-	ND (10)
Benzo(a)pyrene	µg/L	-	ND (10)	ND (10)	ND (10)	-	ND (10)
Benzo(b)fluoranthene	µg/L	-	ND (10)	ND (10)	ND (10)	-	ND (10)
Benzo(g,h,i)perylene	µg/L	-	ND (10)	ND (10)	ND (10)	-	ND (10)
Benzo(k)fluoranthene	µg/L	-	ND (10)	ND (10)	ND (10)	-	ND (10)
Biphenyl (1,1-Biphenyl)	µg/L	5	ND (10)	-	-	-	-
bis(2-Chloroethoxy)methane	µg/L	5	ND (10)	ND (10)	ND (10)	-	ND (10)
bis(2-Chloroethyl)ether	µg/L	1	ND (10)	ND (10)	ND (10)	-	ND (10)
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	5	ND (10)	ND (10)	ND (10)	-	ND (10)
Butyl benzylphthalate (BBP)	µg/L	-	ND (10)	ND (10)	ND (10)	-	ND (10)
Caprolactam	µg/L	-	ND (10) UJ	-	-	-	-
Carbazole	µg/L	-	ND (10)	ND (10)	ND (10)	-	ND (10)
Chrysene	µg/L	-	ND (10)	ND (10)	ND (10)	-	ND (10)
Dibenz(a,h)anthracene	µg/L	-	ND (10)	ND (10)	ND (10)	-	ND (10)
Dibenz(a,j)acridine	µg/L	-	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/L	-	-	-	-	-	-
Dibenzofuran	µg/L	-	ND (10)	ND (10)	ND (10)	-	ND (10)
Diethyl phthalate	µg/L	-	ND (10)	ND (10)	ND (10)	-	ND (10)
Dimethyl phthalate	µg/L	-	ND (10)	ND (10)	ND (10)	-	ND (10)
Di-n-butylphthalate (DBP)	µg/L	50	ND (10)	ND (10)	ND (10)	-	ND (10)
Di-n-octyl phthalate (DnOP)	µg/L	-	ND (10)	ND (10)	ND (10)	-	ND (10)
Fluoranthene	µg/L	-	ND (10)	ND (10)	ND (10)	-	ND (10)
Fluorene	µg/L	-	ND (10)	ND (10)	ND (10)	-	ND (10)
Hexachlorobenzene	µg/L	0.04	ND (10)	ND (10)	ND (10)	-	ND (10)
Hexachlorobutadiene	µg/L	0.5	ND (10)	ND (10)	ND (10)	-	ND (10)
Hexachlorocyclopentadiene	µg/L	5	ND (10) UJ	ND (10)	ND (10)	-	ND (10)
Hexachloroethane	µg/L	5	ND (10)	ND (10)	ND (10)	-	ND (10)
Indeno(1,2,3-cd)pyrene	µg/L	-	ND (10)	ND (10)	ND (10)	-	ND (10)
Isophorone	µg/L	-	ND (10)	ND (10)	ND (10)	-	ND (10)
Naphthalene	µg/L	-	ND (10)	ND (10)	ND (10)	-	ND (10)

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW12R-07*	*OW13-00*	*OW13-00*	*OW13-00*	*OW14-00*
Sample ID:			*GW-34084-071311-RR-017*	*GW-MEJ-001*	*GW-34084-123003-RAM-011*	*GW-34084-040204-RR-007*	*GW-MEJ-004*
Sample Date:			*7/13/2011*	*9/15/2000*	*12/30/2003*	*4/2/2004*	*9/15/2000*
Parameter	*Units*	*New York TOGs Table 1*					
Nitrobenzene	µg/L	0.4	ND (10)	ND (10)	ND (10)	-	ND (10)
N-Nitrosodi-n-propylamine	µg/L	-	ND (10)	ND (10)	ND (10)	-	ND (10)
N-Nitrosodiphenylamine	µg/L	-	ND (10)	ND (10)	ND (10)	-	ND (10)
Pentachlorophenol	µg/L	1	ND (25)	ND (25)	ND (25)	-	ND (25)
Phenanthrene	µg/L	-	ND (10)	ND (10)	ND (10)	-	ND (10)
Phenol	µg/L	1	ND (10)	ND (10)	ND (10)	-	ND (10)
Pyrene	µg/L	-	ND (10)	1 J	ND (10)	-	ND (10)
Metals							
Aluminum	µg/L	-	ND (173) U	1610	ND (67.8) U	57.1 J	337
Aluminum (dissolved)	µg/L	-	ND (81.0) U	ND (12.2)	-	-	47.2
Antimony	µg/L	3	ND (2.1)	**15.2**	ND (2.8)	**4.7 J**	**338**
Antimony (dissolved)	µg/L	3	ND (2.1)	ND (1.7)	-	-	**320**
Arsenic	µg/L	25	ND (1.9)	**439**	**149**	**96.2**	**947**
Arsenic (dissolved)	µg/L	25	ND (1.9)	**332**	-	-	**372**
Barium	µg/L	1000	89.4	112	36.4	35.5 J	62.9
Barium (dissolved)	µg/L	1000	88.3	55.2	-	-	54
Beryllium	µg/L	-	ND (0.47) U	ND (0.1)	ND (0.11) U	ND (0.10)	ND (0.1)
Beryllium (dissolved)	µg/L	-	ND (0.61) U	ND (0.1)	-	-	ND (0.1)
Cadmium	µg/L	5	ND (0.27)	0.7	0.31	ND (0.20)	4.4
Cadmium (dissolved)	µg/L	5	ND (0.27)	ND (0.4)	-	-	**7**
Calcium	µg/L	-	120000	177000	133000	95200	310000
Calcium (dissolved)	µg/L	-	124000	178000	-	-	333000
Chromium	µg/L	50	ND (2.4) U	19.9	1.2	1.8 J	ND (3.5)
Chromium Total (dissolved)	µg/L	50	ND (2.0) U	ND (3.5)	-	-	ND (3.5)
Chromium VI (hexavalent)	µg/L	50	-	-	-	-	-
Chromium VI (hexavalent) (dissolved)	µg/L	50	-	-	-	-	-
Cobalt	µg/L	-	ND (0.53) U	7.4	ND (1.6)	3.0 J	30.3
Cobalt (dissolved)	µg/L	-	0.61	4.7	-	-	41.1
Copper	µg/L	200	8.1	**419**	2.8	4.6 J	**2180**
Copper (dissolved)	µg/L	200	ND (8.6) U	ND (1.5)	-	-	**2140**
Iron	µg/L	300	ND (290) U	**28700**	**23400**	**13600**	**1870**
Iron (dissolved)	µg/L	300	ND (32.4) U	**21700**	-	-	**1810**
Lead	µg/L	25	ND (2.1) U	**4420**	**47.6**	**59.0**	**100**
Lead (dissolved)	µg/L	25	ND (1.5)	**63.2**	-	-	5.6
Magnesium	µg/L	-	38000	17000	11300	8500	24500
Magnesium (dissolved)	µg/L	-	42000	16800	-	-	25900
Manganese	µg/L	300	18.7	**596**	**304**	220	225
Manganese (dissolved)	µg/L	300	ND (1.7) U	**583**	-	-	**318**
Mercury	µg/L	0.7	ND (0.10)	**7.2**	0.10 J	ND (0.10)	ND (0.1)
Mercury (dissolved)	µg/L	0.7	ND (0.10)	ND (0.1)	-	-	ND (0.1)
Nickel	µg/L	100	3.3	6.6	1.5	4.4 J	**3080**
Nickel (dissolved)	µg/L	100	3.4	ND (1.9)	-	-	**4240**
Potassium	µg/L	-	5000 J	12600	11500 J	7730	19100
Potassium (dissolved)	µg/L	-	4740 J	12100	-	-	20200
Selenium	µg/L	10	9.9	**31**	4.9 J	**11.9**	**1170**
Selenium (dissolved)	µg/L	10	ND (12.7) U	6	-	-	**1150**
Silver	µg/L	50	ND (0.62) UJ	ND (3.3) J	ND (0.40)	ND (0.50)	ND (3.4) J
Silver (dissolved)	µg/L	50	ND (0.52) UJ	ND (0.5) J	-	-	ND (1.1) J
Sodium	µg/L	20000	**49500**	**24200**	**26700**	**37100**	**118000**
Sodium (dissolved)	µg/L	20000	**47800**	**24100**	-	-	**128000**
Thallium	µg/L	-	ND (2.7)	2.8	ND (2.3)	ND (1.9)	ND (2.3)
Thallium (dissolved)	µg/L	-	ND (2.7)	ND (2.3)	-	-	ND (2.3)
Vanadium	µg/L	-	0.85	8	ND (1.3)	ND (1.0)	1.3
Vanadium (dissolved)	µg/L	-	ND (0.82) U	ND (0.7)	-	-	0.83
Zinc	µg/L	-	ND (17.5) U	312	77.7	60.5	503
Zinc (dissolved)	µg/L	-	ND (13.1) U	15	-	-	608

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW12R-07*	*OW13-00*	*OW13-00*	*OW13-00*	*OW14-00*
Sample ID:			*GW-34084-071311-RR-017*	*GW-MEJ-001*	*GW-34084-123003-RAM-011*	*GW-34084-040204-RR-007*	*GW-MEJ-004*
Sample Date:			*7/13/2011*	*9/15/2000*	*12/30/2003*	*4/2/2004*	*9/15/2000*
Parameter	*Units*	*New York TOGs Table 1*					
PCBs							
Aroclor-1016 (PCB-1016)	µg/L	-	ND (1.0)	ND (1)	ND (1.0)	-	ND (1)
Aroclor-1221 (PCB-1221)	µg/L	-	ND (2.0)	ND (2)	ND (2.0)	-	ND (2)
Aroclor-1232 (PCB-1232)	µg/L	-	ND (1.0)	ND (1)	ND (1.0)	-	ND (1)
Aroclor-1242 (PCB-1242)	µg/L	-	ND (1.0)	ND (1)	ND (1.0)	-	ND (1)
Aroclor-1248 (PCB-1248)	µg/L	-	ND (1.0)	ND (1)	ND (1.0)	-	ND (1)
Aroclor-1254 (PCB-1254)	µg/L	-	ND (1.0)	ND (1)	ND (1.0)	-	ND (1)
Aroclor-1260 (PCB-1260)	µg/L	-	ND (1.0)	ND (1)	ND (1.0)	-	ND (1)
Total PCBs	µg/L	-	ND	ND	ND	-	ND
Pesticides							
4,4'-DDD	µg/L	0.3	-	ND (0.1)	ND (0.10)	-	ND (0.1)
4,4'-DDE	µg/L	0.2	-	ND (0.1)	ND (0.10)	-	ND (0.1)
4,4'-DDT	µg/L	0.2	-	ND (0.1)	ND (0.10)	-	ND (0.1)
Aldrin	µg/L	-	-	ND (0.05)	ND (0.050)	-	ND (0.05)
alpha-BHC	µg/L	0.01	-	**0.050**	ND (0.050)	-	ND (0.05)
alpha-Chlordane	µg/L	-	-	0.035	ND (0.050)	-	ND (0.05)
beta-BHC	µg/L	0.04	-	**0.041**	ND (0.050)	-	ND (0.05)
delta-BHC	µg/L	0.04	-	ND (0.05)	ND (0.050)	-	ND (0.05)
Dieldrin	µg/L	0.004	-	ND (0.1)	ND (0.10)	-	ND (0.1)
Endosulfan I	µg/L	-	-	ND (0.05)	ND (0.050)	-	ND (0.05)
Endosulfan II	µg/L	-	-	ND (0.1)	ND (0.10)	-	ND (0.1)
Endosulfan sulfate	µg/L	-	-	ND (0.1)	ND (0.10)	-	ND (0.1)
Endrin	µg/L	-	-	ND (0.1)	ND (0.10)	-	ND (0.1)
Endrin aldehyde	µg/L	5	-	ND (0.1)	ND (0.10)	-	ND (0.1)
Endrin ketone	µg/L	5	-	ND (0.1)	ND (0.10)	-	ND (0.1)
gamma-BHC (lindane)	µg/L	0.05	-	0.034	ND (0.050)	-	ND (0.05)
gamma-Chlordane	µg/L	-	-	ND (0.05)	ND (0.050)	-	ND (0.05)
Heptachlor	µg/L	0.04	-	ND (0.05)	ND (0.050)	-	ND (0.05)
Heptachlor epoxide	µg/L	0.03	-	ND (0.05)	ND (0.050)	-	ND (0.05)
Methoxychlor	µg/L	35	-	ND (0.5)	ND (0.50)	-	ND (0.5)
Toxaphene	µg/L	0.06	-	ND (5)	ND (5.0)	-	ND (5)
General Chemistry							
Alkalinity, total (as CaCO3)	µg/L	-	-	-	-	-	-
Ammonia-N	µg/L	-	-	-	-	-	-
Biochemical oxygen demand (BOD)	µg/L	-	-	-	-	-	-
Biochemical oxygen demand (carbonaceous)	µg/L	-	-	-	-	-	-
Calcium carbonate	µg/L	-	-	-	-	-	-
Chemical oxygen demand (COD)	µg/L	-	-	-	-	-	-
Chloride	µg/L	250000	118000	-	-	-	-
Conductivity	µmhos/cm	-	-	-	-	-	-
Cyanide (amenable)	µg/L	-	-	-	-	-	-
Cyanide (dissolved)	µg/L	-	-	101	-	-	ND (10)
Cyanide (total)	µg/L	200	-	**536**	48.6	-	ND (10)
Ignitability	deg C	-	-	-	-	-	-
Nitrate (as N)	µg/L	10000	-	-	-	-	-
Nitrite (as N)	µg/L	1000	-	-	-	-	-
Nitrite/Nitrate	µg/L	10000	-	-	-	-	-
Nitrogen	µg/L	-	-	-	-	-	-
pH	s.u.	6.5-8.5	-	-	-	-	-
pH (water)	s.u.	6.5-8.5	-	-	-	-	-
pH corrosivity	s.u.	-	-	-	-	-	-
Reactive cyanide	µg/L	-	-	-	-	-	-
Reactive sulfide	µg/L	-	-	-	-	-	-
Sulfate	µg/L	250000	-	-	-	-	-
Sulfide	µg/L	-	-	-	-	-	-
Total dissolved solids (TDS)	µg/L	500000	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW12R-07*	*OW13-00*	*OW13-00*	*OW13-00*	*OW14-00*
Sample ID:			*GW-34084-071311-RR-017*	*GW-MEJ-001*	*GW-34084-123003-RAM-011*	*GW-34084-040204-RR-007*	*GW-MEJ-004*
Sample Date:			*7/13/2011*	*9/15/2000*	*12/30/2003*	*4/2/2004*	*9/15/2000*
Parameter	*Units*	*New York TOGs Table 1*					
Total kjeldahl nitrogen (TKN)	µg/L	-	-	-	-	-	-
Total organic carbon (TOC)	µg/L	-	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/L	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Non-Polar Material - SGT HEM	µg/L	-	-	-	-	-	-
Total solids	µg/L	-	-	-	-	-	-
Total suspended solids (TSS)	µg/L	-	-	-	-	-	-
Field Parameters							
Conductivity, field	mS/cm	-	1.18	-	-	-	-
Dissolved oxygen (DO), field	µg/L	-	8520	-	-	-	-
Oxidation reduction potential (ORP), field	millivolts	-	142	-	-	-	-
pH, field	s.u.	6.5-8.5	**5.4**	-	-	-	-
Salinity	%	-	0.1	-	-	-	-
Temperature, field	deg C	-	18.2	-	-	-	-
Turbidity	NTU	5	0	-	-	-	-

Notes:

(DT) - Analytical results for total and dissolved metals were originally reversed in the original analytical data package, and have been corrected in this table.

> - Greater than amount reported.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

S - Value determined by the method of standard addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

W - Post-digestion spike out of control limits.

- - Not applicable.

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW14-00*	*OW14-00*	*OW15-00*	*OW15-00*
Sample ID:			*GW-34084-123003-RR-012*	*GW-34084-040204-RR-012*	*GW-MEJ-006*	*GW-34084-122903-RR-002*
Sample Date:			*12/30/2003*	*4/2/2004*	*9/15/2000*	*12/29/2003*
Parameter	*Units*	*New York TOGs Table 1*				
Volatiles						
1,1,1-Trichloroethane	µg/L	5	3 J	-	3 J	2 J
1,1,2,2-Tetrachloroethane	µg/L	5	ND (10)	-	ND (10)	ND (10)
1,1,2-Trichloroethane	µg/L	1	ND (10)	-	ND (10)	ND (10)
1,1-Dichloroethane	µg/L	5	ND (10)	-	ND (10)	ND (10)
1,1-Dichloroethene	µg/L	5	ND (10)	-	ND (10)	ND (10)
1,2,4-Trichlorobenzene	µg/L	5	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	0.04	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/L	0.0006	-	-	-	-
1,2-Dichlorobenzene	µg/L	3	-	-	-	-
1,2-Dichloroethane	µg/L	0.6	ND (10)	-	ND (10)	ND (10)
1,2-Dichloroethene (total)	µg/L	-	ND (10)	-	ND (10)	ND (10)
1,2-Dichloropropane	µg/L	1	ND (10)	-	ND (10)	ND (10)
1,3-Dichlorobenzene	µg/L	3	-	-	-	-
1,4-Dichlorobenzene	µg/L	3	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	-	ND (10) UJ	-	ND (10)	ND (10) UJ
2-Hexanone	µg/L	-	ND (10) UJ	-	ND (10)	ND (10) UJ
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	-	ND (10) UJ	-	ND (10)	ND (10) UJ
Acetone	µg/L	-	ND (10) UJ	-	ND (10)	ND (10) UJ
Benzene	µg/L	1	ND (10)	-	ND (10)	ND (10)
Bromodichloromethane	µg/L	-	ND (10)	-	ND (10)	ND (10)
Bromoform	µg/L	-	ND (10) UJ	-	ND (10)	ND (10) UJ
Bromomethane (Methyl bromide)	µg/L	5	ND (10)	-	ND (10)	ND (10)
Carbon disulfide	µg/L	60	ND (10)	-	ND (10)	ND (10)
Carbon tetrachloride	µg/L	5	ND (10)	-	ND (10)	ND (10)
Chlorobenzene	µg/L	5	ND (10)	-	ND (10)	ND (10)
Chloroethane	µg/L	5	ND (10)	-	ND (10)	ND (10)
Chloroform (Trichloromethane)	µg/L	7	ND (10)	-	ND (10)	ND (10)
Chloromethane (Methyl chloride)	µg/L	5	ND (10)	-	ND (10)	ND (10)
cis-1,2-Dichloroethene	µg/L	5	-	-	-	-
cis-1,3-Dichloropropene	µg/L	-	ND (10)	-	ND (10)	ND (10)
Cyclohexane	µg/L	-	-	-	-	-
Dibromochloromethane	µg/L	-	ND (10)	-	ND (10)	ND (10)
Dichlorodifluoromethane (CFC-12)	µg/L	5	-	-	-	-
Ethylbenzene	µg/L	5	ND (10)	-	ND (10)	1 J
Isopropyl benzene	µg/L	5	-	-	-	-
m&p-Xylenes	µg/L	-	-	-	-	-
Methyl acetate	µg/L	-	-	-	-	-
Methyl cyclohexane	µg/L	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/L	-	-	-	-	-
Methylene chloride	µg/L	5	ND (10)	-	ND (10)	ND (10)
o-Xylene	µg/L	5	-	-	-	-
Styrene	µg/L	5	ND (10)	-	ND (10)	ND (10)
Tetrachloroethene	µg/L	5	ND (10) UJ	-	**24**	**6 J**
Toluene	µg/L	5	ND (10)	-	1 J	ND (10)
trans-1,2-Dichloroethene	µg/L	5	-	-	-	-
trans-1,3-Dichloropropene	µg/L	-	ND (10)	-	ND (10)	ND (10)
Trichloroethene	µg/L	5	ND (10)	-	4 J	2 J
Trichlorofluoromethane (CFC-11)	µg/L	5	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/L	5	-	-	-	-
Vinyl chloride	µg/L	2	ND (10)	-	ND (10)	ND (10)
Xylenes (total)	µg/L	-	ND (10)	-	3 J	9 J
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg/L	5	ND (10)	-	ND (10)	ND (10)
1,2-Dichlorobenzene	µg/L	3	ND (10)	-	ND (10)	ND (10)
1,3-Dichlorobenzene	µg/L	3	ND (10)	-	ND (10)	ND (10)
1,4-Dichlorobenzene	µg/L	3	ND (10)	-	ND (10)	ND (10)
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	5	ND (10)	-	ND (10)	ND (10)

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW14-00*	*OW14-00*	*OW15-00*	*OW15-00*
Sample ID:			*GW-34084-123003-RR-012*	*GW-34084-040204-RR-012*	*GW-MEJ-006*	*GW-34084-122903-RR-002*
Sample Date:			*12/30/2003*	*4/2/2004*	*9/15/2000*	*12/29/2003*
Parameter	*Units*	*New York TOGs Table 1*				
2,4,5-Trichlorophenol	µg/L	-	ND (25)	-	ND (25)	ND (25)
2,4,6-Trichlorophenol	µg/L	-	ND (10)	-	ND (10)	ND (10)
2,4-Dichlorophenol	µg/L	5	ND (10)	-	ND (10)	ND (10)
2,4-Dimethylphenol	µg/L	-	ND (10)	-	1 J	ND (10)
2,4-Dinitrophenol	µg/L	-	ND (25)	-	ND (25)	ND (25)
2,4-Dinitrotoluene	µg/L	5	ND (10)	-	ND (10)	ND (10)
2,6-Dinitrotoluene	µg/L	5	ND (10)	-	ND (10)	ND (10)
2-Chloronaphthalene	µg/L	-	ND (10)	-	ND (10)	ND (10)
2-Chlorophenol	µg/L	-	ND (10)	-	ND (10)	ND (10)
2-Methylnaphthalene	µg/L	-	ND (10)	-	2 J	5 J
2-Methylphenol	µg/L	-	ND (10)	-	ND (10)	ND (10)
2-Nitroaniline	µg/L	5	ND (25)	-	ND (25)	ND (25)
2-Nitrophenol	µg/L	-	ND (10)	-	ND (10)	ND (10)
3,3'-Dichlorobenzidine	µg/L	5	ND (20)	-	ND (10)	ND (20)
3-Nitroaniline	µg/L	5	ND (25)	-	ND (25)	ND (25)
4,6-Dinitro-2-methylphenol	µg/L	-	ND (25)	-	ND (25)	ND (25)
4-Bromophenyl phenyl ether	µg/L	-	ND (10)	-	ND (10)	ND (10)
4-Chloro-3-methylphenol	µg/L	-	ND (10)	-	ND (10)	ND (10)
4-Chloroaniline	µg/L	5	ND (10)	-	ND (10)	ND (10)
4-Chlorophenyl phenyl ether	µg/L	-	ND (10)	-	ND (10)	ND (10)
4-Methylphenol	µg/L	-	ND (10)	-	ND (10)	ND (10)
4-Nitroaniline	µg/L	5	ND (25)	-	ND (25)	ND (25)
4-Nitrophenol	µg/L	-	ND (25)	-	ND (25)	ND (25)
Acenaphthene	µg/L	-	ND (10)	-	ND (10)	2 J
Acenaphthylene	µg/L	-	ND (10)	-	ND (10)	ND (10)
Acetophenone	µg/L	-	-	-	-	-
Anthracene	µg/L	-	ND (10)	-	ND (10)	ND (10)
Atrazine	µg/L	7.5	-	-	-	-
Benzaldehyde	µg/L	-	-	-	-	-
Benzo(a)anthracene	µg/L	-	ND (10)	-	ND (10)	ND (10)
Benzo(a)pyrene	µg/L	-	ND (10)	-	ND (10)	ND (10)
Benzo(b)fluoranthene	µg/L	-	ND (10)	-	ND (10)	ND (10)
Benzo(g,h,i)perylene	µg/L	-	ND (10)	-	ND (10)	ND (10)
Benzo(k)fluoranthene	µg/L	-	ND (10)	-	ND (10)	ND (10)
Biphenyl (1,1-Biphenyl)	µg/L	5	-	-	-	-
bis(2-Chloroethoxy)methane	µg/L	5	ND (10)	-	ND (10)	ND (10)
bis(2-Chloroethyl)ether	µg/L	1	ND (10)	-	ND (10)	ND (10)
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	5	ND (10)	-	ND (10)	ND (10)
Butyl benzylphthalate (BBP)	µg/L	-	ND (10)	-	ND (10)	ND (10)
Caprolactam	µg/L	-	-	-	-	-
Carbazole	µg/L	-	ND (10)	-	ND (10)	ND (10)
Chrysene	µg/L	-	ND (10)	-	ND (10)	ND (10)
Dibenz(a,h)anthracene	µg/L	-	ND (10)	-	ND (10)	ND (10)
Dibenz(a,j)acridine	µg/L	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/L	-	-	-	-	-
Dibenzofuran	µg/L	-	ND (10)	-	ND (10)	ND (10)
Diethyl phthalate	µg/L	-	ND (10)	-	ND (10)	ND (10)
Dimethyl phthalate	µg/L	-	ND (10)	-	ND (10)	ND (10)
Di-n-butylphthalate (DBP)	µg/L	50	ND (10)	-	ND (10)	ND (10)
Di-n-octyl phthalate (DnOP)	µg/L	-	ND (10)	-	ND (10)	ND (10)
Fluoranthene	µg/L	-	ND (10)	-	ND (10)	ND (10)
Fluorene	µg/L	-	ND (10)	-	ND (10)	ND (10)
Hexachlorobenzene	µg/L	0.04	ND (10)	-	ND (10)	ND (10)
Hexachlorobutadiene	µg/L	0.5	ND (10)	-	ND (10)	ND (10)
Hexachlorocyclopentadiene	µg/L	5	ND (10)	-	ND (10)	ND (10)
Hexachloroethane	µg/L	5	ND (10)	-	ND (10)	ND (10)
Indeno(1,2,3-cd)pyrene	µg/L	-	ND (10)	-	ND (10)	ND (10)
Isophorone	µg/L	-	ND (10)	-	ND (10)	ND (10)
Naphthalene	µg/L	-	ND (10)	-	ND (10)	9 J

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
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Sample Location:			*OW14-00*	*OW14-00*	*OW15-00*	*OW15-00*
Sample ID:			*GW-34084-123003-RR-012*	*GW-34084-040204-RR-012*	*GW-MEJ-006*	*GW-34084-122903-RR-002*
Sample Date:			*12/30/2003*	*4/2/2004*	*9/15/2000*	*12/29/2003*
Parameter	*Units*	*New York TOGs Table 1*				
Nitrobenzene	µg/L	0.4	ND (10)	-	ND (10)	ND (10)
N-Nitrosodi-n-propylamine	µg/L	-	ND (10)	-	ND (10)	ND (10)
N-Nitrosodiphenylamine	µg/L	-	ND (10)	-	ND (10)	ND (10)
Pentachlorophenol	µg/L	1	ND (25)	-	ND (25)	ND (25)
Phenanthrene	µg/L	-	ND (10)	-	ND (10)	ND (10)
Phenol	µg/L	1	ND (10)	-	ND (10)	ND (10)
Pyrene	µg/L	-	ND (10)	-	ND (10)	ND (10)
Metals						
Aluminum	µg/L	-	ND (60.2) U	103 J	22200	6270
Aluminum (dissolved)	µg/L	-	-	-	973	5850
Antimony	µg/L	3	**259**	**322**	**19.2**	ND (2.8)
Antimony (dissolved)	µg/L	3	-	-	ND (1.7)	ND (2.8)
Arsenic	µg/L	25	**198**	**610**	**137**	**72.7**
Arsenic (dissolved)	µg/L	25	-	-	ND (2.5)	**63.9**
Barium	µg/L	1000	28.1	25.0 J	115	5.4
Barium (dissolved)	µg/L	1000	-	-	17.9	5.0
Beryllium	µg/L	-	ND (0.54) U	0.12 J	1.7	1.7
Beryllium (dissolved)	µg/L	-	-	-	0.58	2.1
Cadmium	µg/L	5	2.0	1.8 J	3.4	**6.4**
Cadmium (dissolved)	µg/L	5	-	-	3.8	**6.3**
Calcium	µg/L	-	309000	324000	244000	346000
Calcium (dissolved)	µg/L	-	-	-	260000	312000
Chromium	µg/L	50	0.84	3.0 J	39.2	2.7
Chromium Total (dissolved)	µg/L	50	-	-	ND (3.5)	3.3
Chromium VI (hexavalent)	µg/L	50	-	-	-	-
Chromium VI (hexavalent) (dissolved)	µg/L	50	-	-	-	-
Cobalt	µg/L	-	10.2	12.7 J	132	161
Cobalt (dissolved)	µg/L	-	-	-	111	148
Copper	µg/L	200	**1200**	**1710**	**1120**	**1480**
Copper (dissolved)	µg/L	200	-	-	**737**	**1400**
Iron	µg/L	300	247	**1500**	**27600**	155
Iron (dissolved)	µg/L	300	-	-	24.4	62.5
Lead	µg/L	25	15.4	**49.1**	**349**	3.3
Lead (dissolved)	µg/L	25	-	-	5.2	2.2
Magnesium	µg/L	-	10700	10100	50500	50700
Magnesium (dissolved)	µg/L	-	-	-	46800	45500
Manganese	µg/L	300	78.2	99.2	**4080**	**2600**
Manganese (dissolved)	µg/L	300	-	-	**2850**	**2410**
Mercury	µg/L	0.7	ND (0.10)	ND (0.10)	**3.3**	ND (0.10)
Mercury (dissolved)	µg/L	0.7	-	-	ND (0.1)	ND (0.10)
Nickel	µg/L	100	**952**	**917**	**475**	**1950**
Nickel (dissolved)	µg/L	100	-	-	**496**	**1750**
Potassium	µg/L	-	49100 J	56500	6240	4910 J
Potassium (dissolved)	µg/L	-	-	-	3880	4500
Selenium	µg/L	10	**2620 J**	**3410**	**631**	**670 J**
Selenium (dissolved)	µg/L	10	-	-	**684**	**585**
Silver	µg/L	50	ND (1.2) U	ND (0.50)	ND (2.1) J	ND (0.40)
Silver (dissolved)	µg/L	50	-	-	ND (0.9) J	ND (0.71) U
Sodium	µg/L	20000	**76500**	**83200**	**52400**	**71900**
Sodium (dissolved)	µg/L	20000	-	-	**56500**	**66300**
Thallium	µg/L	-	ND (2.3)	ND (1.9)	ND (2.3)	ND (2.3)
Thallium (dissolved)	µg/L	-	-	-	ND (2.3)	ND (2.3)
Vanadium	µg/L	-	ND (1.3)	ND (1.0)	34.2	ND (1.3)
Vanadium (dissolved)	µg/L	-	-	-	ND (0.7)	ND (1.3)
Zinc	µg/L	-	551	503	821	1550
Zinc (dissolved)	µg/L	-	-	-	796	1410

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW14-00*	*OW14-00*	*OW15-00*	*OW15-00*
Sample ID:			*GW-34084-123003-RR-012*	*GW-34084-040204-RR-012*	*GW-MEJ-006*	*GW-34084-122903-RR-002*
Sample Date:			*12/30/2003*	*4/2/2004*	*9/15/2000*	*12/29/2003*
Parameter	*Units*	*New York TOGs Table 1*				
PCBs						
Aroclor-1016 (PCB-1016)	µg/L	-	ND (1.0)	-	ND (1)	ND (1.0)
Aroclor-1221 (PCB-1221)	µg/L	-	ND (2.0)	-	ND (2)	ND (2.0)
Aroclor-1232 (PCB-1232)	µg/L	-	ND (1.0)	-	ND (1)	ND (1.0)
Aroclor-1242 (PCB-1242)	µg/L	-	ND (1.0)	-	ND (1)	ND (1.0)
Aroclor-1248 (PCB-1248)	µg/L	-	ND (1.0)	-	ND (1)	ND (1.0)
Aroclor-1254 (PCB-1254)	µg/L	-	ND (1.0)	-	ND (1.01)	ND (1.0)
Aroclor-1260 (PCB-1260)	µg/L	-	ND (1.0)	-	ND (1)	ND (1.0)
Total PCBs	µg/L	-	ND	-	ND	ND
Pesticides						
4,4'-DDD	µg/L	0.3	ND (0.10)	-	ND (0.1)	ND (0.10)
4,4'-DDE	µg/L	0.2	ND (0.10)	-	ND (0.1)	ND (0.10)
4,4'-DDT	µg/L	0.2	ND (0.10)	-	ND (0.1)	ND (0.10)
Aldrin	µg/L	-	ND (0.050)	-	ND (0.05)	ND (0.050)
alpha-BHC	µg/L	0.01	ND (0.050)	-	ND (0.05)	ND (0.050)
alpha-Chlordane	µg/L	-	ND (0.050)	-	ND (0.05)	ND (0.050)
beta-BHC	µg/L	0.04	ND (0.050)	-	ND (0.05)	ND (0.050)
delta-BHC	µg/L	0.04	ND (0.050)	-	ND (0.05)	ND (0.050)
Dieldrin	µg/L	0.004	ND (0.10)	-	ND (0.1)	ND (0.10)
Endosulfan I	µg/L	-	ND (0.050)	-	ND (0.05)	ND (0.050)
Endosulfan II	µg/L	-	ND (0.10)	-	ND (0.1)	ND (0.10)
Endosulfan sulfate	µg/L	-	ND (0.10)	-	ND (0.1)	ND (0.10)
Endrin	µg/L	-	ND (0.10)	-	ND (0.1)	ND (0.10)
Endrin aldehyde	µg/L	5	ND (0.10)	-	ND (0.1)	ND (0.10)
Endrin ketone	µg/L	5	ND (0.10)	-	ND (0.1)	ND (0.10)
gamma-BHC (lindane)	µg/L	0.05	ND (0.050)	-	ND (0.05)	ND (0.050)
gamma-Chlordane	µg/L	-	ND (0.050)	-	ND (0.05)	ND (0.050)
Heptachlor	µg/L	0.04	ND (0.050)	-	ND (0.05)	ND (0.050)
Heptachlor epoxide	µg/L	0.03	ND (0.050)	-	ND (0.05)	ND (0.050)
Methoxychlor	µg/L	35	ND (0.50)	-	ND (0.5)	ND (0.50)
Toxaphene	µg/L	0.06	ND (5.0)	-	ND (5)	ND (5.0)
General Chemistry						
Alkalinity, total (as CaCO3)	µg/L	-	-	-	-	-
Ammonia-N	µg/L	-	-	-	-	-
Biochemical oxygen demand (BOD)	µg/L	-	-	-	-	-
Biochemical oxygen demand (carbonaceous)	µg/L	-	-	-	-	-
Calcium carbonate	µg/L	-	-	-	-	-
Chemical oxygen demand (COD)	µg/L	-	-	-	-	-
Chloride	µg/L	250000	-	-	-	-
Conductivity	µmhos/cm	-	-	-	-	-
Cyanide (amenable)	µg/L	-	-	-	-	-
Cyanide (dissolved)	µg/L	-	-	-	ND (10)	-
Cyanide (total)	µg/L	200	ND (10.0)	-	ND (10)	ND (10.0)
Ignitability	deg C	-	-	-	-	-
Nitrate (as N)	µg/L	10000	-	-	-	-
Nitrite (as N)	µg/L	1000	-	-	-	-
Nitrite/Nitrate	µg/L	10000	-	-	-	-
Nitrogen	µg/L	-	-	-	-	-
pH	s.u.	6.5-8.5	-	-	-	-
pH (water)	s.u.	6.5-8.5	-	-	-	-
pH corrosivity	s.u.	-	-	-	-	-
Reactive cyanide	µg/L	-	-	-	-	-
Reactive sulfide	µg/L	-	-	-	-	-
Sulfate	µg/L	250000	-	-	-	-
Sulfide	µg/L	-	-	-	-	-
Total dissolved solids (TDS)	µg/L	500000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW14-00*	*OW14-00*	*OW15-00*	*OW15-00*
Sample ID:			*GW-34084-123003-RR-012*	*GW-34084-040204-RR-012*	*GW-MEJ-006*	*GW-34084-122903-RR-002*
Sample Date:			*12/30/2003*	*4/2/2004*	*9/15/2000*	*12/29/2003*
Parameter	*Units*	*New York TOGs Table 1*				
Total kjeldahl nitrogen (TKN)	µg/L	-	-	-	-	-
Total organic carbon (TOC)	µg/L	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/L	-	-	-	-	-
Total Petroleum Hydrocarbons - Non-Polar Material - SGT HEM	µg/L	-	-	-	-	-
Total solids	µg/L	-	-	-	-	-
Total suspended solids (TSS)	µg/L	-	-	-	-	-
Field Parameters						
Conductivity, field	mS/cm	-	-	-	-	-
Dissolved oxygen (DO), field	µg/L	-	-	-	-	-
Oxidation reduction potential (ORP), field	millivolts	-	-	-	-	-
pH, field	s.u.	6.5-8.5	-	-	-	-
Salinity	%	-	-	-	-	-
Temperature, field	deg C	-	-	-	-	-
Turbidity	NTU	5	-	-	-	-

Notes:

(DT) - Analytical results for total and dissolved metals were originally reversed in the original analytical data package, and have been corrected in this table.

> - Greater than amount reported.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

S - Value determined by the method of standard addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

W - Post-digestion spike out of control limits.

- - Not applicable.

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW15-00*	*OW16D-03*	*OW16D-03*	*OW16S-03*
Sample ID:			*GW-34084-040204-RR-013*	*GW-34084-123003-RR-008*	*GW-34084-040104-RR-002*	*GW-34084-123003-RR-010*
Sample Date:			*4/2/2004*	*12/30/2003*	*4/1/2004*	*12/30/2003*
Parameter	*Units*	*New York TOGs Table 1*				
Volatiles						
1,1,1-Trichloroethane	µg/L	5	-	ND (10)	-	ND (10)
1,1,2,2-Tetrachloroethane	µg/L	5	-	ND (10)	-	ND (10)
1,1,2-Trichloroethane	µg/L	1	-	ND (10)	-	ND (10)
1,1-Dichloroethane	µg/L	5	-	ND (10)	-	ND (10)
1,1-Dichloroethene	µg/L	5	-	ND (10)	-	ND (10)
1,2,4-Trichlorobenzene	µg/L	5	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	0.04	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/L	0.0006	-	-	-	-
1,2-Dichlorobenzene	µg/L	3	-	-	-	-
1,2-Dichloroethane	µg/L	0.6	-	ND (10)	-	ND (10)
1,2-Dichloroethene (total)	µg/L	-	-	ND (10)	-	ND (10)
1,2-Dichloropropane	µg/L	1	-	ND (10)	-	ND (10)
1,3-Dichlorobenzene	µg/L	3	-	-	-	-
1,4-Dichlorobenzene	µg/L	3	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	-	-	ND (10) UJ	-	ND (10) UJ
2-Hexanone	µg/L	-	-	ND (10) UJ	-	ND (10) UJ
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	-	-	ND (10) UJ	-	ND (10) UJ
Acetone	µg/L	-	-	ND (10) UJ	-	8 J
Benzene	µg/L	1	-	ND (10)	-	ND (10)
Bromodichloromethane	µg/L	-	-	ND (10)	-	ND (10)
Bromoform	µg/L	-	-	ND (10) UJ	-	ND (10) UJ
Bromomethane (Methyl bromide)	µg/L	5	-	ND (10)	-	ND (10)
Carbon disulfide	µg/L	60	-	ND (10)	-	ND (10)
Carbon tetrachloride	µg/L	5	-	ND (10)	-	ND (10)
Chlorobenzene	µg/L	5	-	ND (10)	-	ND (10)
Chloroethane	µg/L	5	-	ND (10)	-	ND (10)
Chloroform (Trichloromethane)	µg/L	7	-	ND (10)	-	ND (10)
Chloromethane (Methyl chloride)	µg/L	5	-	ND (10)	-	ND (10)
cis-1,2-Dichloroethene	µg/L	5	-	-	-	-
cis-1,3-Dichloropropene	µg/L	-	-	ND (10)	-	ND (10)
Cyclohexane	µg/L	-	-	-	-	-
Dibromochloromethane	µg/L	-	-	ND (10)	-	ND (10)
Dichlorodifluoromethane (CFC-12)	µg/L	5	-	-	-	-
Ethylbenzene	µg/L	5	-	ND (10)	-	ND (10)
Isopropyl benzene	µg/L	5	-	-	-	-
m&p-Xylenes	µg/L	-	-	-	-	-
Methyl acetate	µg/L	-	-	-	-	-
Methyl cyclohexane	µg/L	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/L	-	-	-	-	-
Methylene chloride	µg/L	5	-	ND (10)	-	ND (10)
o-Xylene	µg/L	5	-	-	-	-
Styrene	µg/L	5	-	ND (10)	-	ND (10)
Tetrachloroethene	µg/L	5	-	ND (10) UJ	-	ND (10) UJ
Toluene	µg/L	5	-	ND (10)	-	ND (10)
trans-1,2-Dichloroethene	µg/L	5	-	-	-	-
trans-1,3-Dichloropropene	µg/L	-	-	ND (10)	-	ND (10)
Trichloroethene	µg/L	5	-	ND (10)	-	ND (10)
Trichlorofluoromethane (CFC-11)	µg/L	5	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/L	5	-	-	-	-
Vinyl chloride	µg/L	2	-	ND (10)	-	ND (10)
Xylenes (total)	µg/L	-	-	ND (10)	-	ND (10)
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg/L	5	-	ND (10)	-	ND (10)
1,2-Dichlorobenzene	µg/L	3	-	ND (10)	-	ND (10)
1,3-Dichlorobenzene	µg/L	3	-	ND (10)	-	ND (10)
1,4-Dichlorobenzene	µg/L	3	-	ND (10)	-	ND (10)
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	5	-	ND (10)	-	ND (10)

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW15-00*	*OW16D-03*	*OW16D-03*	*OW16S-03*
Sample ID:			*GW-34084-040204-RR-013*	*GW-34084-123003-RR-008*	*GW-34084-040104-RR-002*	*GW-34084-123003-RR-010*
Sample Date:			*4/2/2004*	*12/30/2003*	*4/1/2004*	*12/30/2003*
Parameter	*Units*	*New York TOGs Table 1*				
2,4,5-Trichlorophenol	µg/L	-	-	ND (25)	-	ND (25)
2,4,6-Trichlorophenol	µg/L	-	-	ND (10)	-	ND (10)
2,4-Dichlorophenol	µg/L	5	-	ND (10)	-	ND (10)
2,4-Dimethylphenol	µg/L	-	-	ND (10)	-	ND (10)
2,4-Dinitrophenol	µg/L	-	-	ND (25)	-	ND (25)
2,4-Dinitrotoluene	µg/L	5	-	ND (10)	-	ND (10)
2,6-Dinitrotoluene	µg/L	5	-	ND (10)	-	ND (10)
2-Chloronaphthalene	µg/L	-	-	ND (10)	-	ND (10)
2-Chlorophenol	µg/L	-	-	ND (10)	-	ND (10)
2-Methylnaphthalene	µg/L	-	-	ND (10)	-	ND (10)
2-Methylphenol	µg/L	-	-	ND (10)	-	ND (10)
2-Nitroaniline	µg/L	5	-	ND (25)	-	ND (25)
2-Nitrophenol	µg/L	-	-	ND (10)	-	ND (10)
3,3'-Dichlorobenzidine	µg/L	5	-	ND (20)	-	ND (20)
3-Nitroaniline	µg/L	5	-	ND (25)	-	ND (25)
4,6-Dinitro-2-methylphenol	µg/L	-	-	ND (25)	-	ND (25)
4-Bromophenyl phenyl ether	µg/L	-	-	ND (10)	-	ND (10)
4-Chloro-3-methylphenol	µg/L	-	-	ND (10)	-	ND (10)
4-Chloroaniline	µg/L	5	-	ND (10)	-	ND (10)
4-Chlorophenyl phenyl ether	µg/L	-	-	ND (10)	-	ND (10)
4-Methylphenol	µg/L	-	-	ND (10)	-	ND (10)
4-Nitroaniline	µg/L	5	-	ND (25)	-	ND (25)
4-Nitrophenol	µg/L	-	-	ND (25)	-	ND (25)
Acenaphthene	µg/L	-	-	ND (10)	-	ND (10)
Acenaphthylene	µg/L	-	-	ND (10)	-	ND (10)
Acetophenone	µg/L	-	-	-	-	-
Anthracene	µg/L	-	-	ND (10)	-	ND (10)
Atrazine	µg/L	7.5	-	-	-	-
Benzaldehyde	µg/L	-	-	-	-	-
Benzo(a)anthracene	µg/L	-	-	ND (10)	-	ND (10)
Benzo(a)pyrene	µg/L	-	-	ND (10)	-	ND (10)
Benzo(b)fluoranthene	µg/L	-	-	ND (10)	-	ND (10)
Benzo(g,h,i)perylene	µg/L	-	-	ND (10)	-	ND (10)
Benzo(k)fluoranthene	µg/L	-	-	ND (10)	-	ND (10)
Biphenyl (1,1-Biphenyl)	µg/L	5	-	-	-	-
bis(2-Chloroethoxy)methane	µg/L	5	-	ND (10)	-	ND (10)
bis(2-Chloroethyl)ether	µg/L	1	-	ND (10)	-	ND (10)
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	5	-	ND (10)	-	ND (10)
Butyl benzylphthalate (BBP)	µg/L	-	-	ND (10)	-	ND (10)
Caprolactam	µg/L	-	-	-	-	-
Carbazole	µg/L	-	-	ND (10)	-	ND (10)
Chrysene	µg/L	-	-	ND (10)	-	ND (10)
Dibenz(a,h)anthracene	µg/L	-	-	ND (10)	-	ND (10)
Dibenz(a,j)acridine	µg/L	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/L	-	-	-	-	-
Dibenzofuran	µg/L	-	-	ND (10)	-	ND (10)
Diethyl phthalate	µg/L	-	-	ND (10)	-	ND (10)
Dimethyl phthalate	µg/L	-	-	ND (10)	-	ND (10)
Di-n-butylphthalate (DBP)	µg/L	50	-	ND (10)	-	ND (10)
Di-n-octyl phthalate (DnOP)	µg/L	-	-	ND (10)	-	ND (10)
Fluoranthene	µg/L	-	-	ND (10)	-	ND (10)
Fluorene	µg/L	-	-	ND (10)	-	ND (10)
Hexachlorobenzene	µg/L	0.04	-	ND (10)	-	ND (10)
Hexachlorobutadiene	µg/L	0.5	-	ND (10)	-	ND (10)
Hexachlorocyclopentadiene	µg/L	5	-	ND (10)	-	ND (10)
Hexachloroethane	µg/L	5	-	ND (10)	-	ND (10)
Indeno(1,2,3-cd)pyrene	µg/L	-	-	ND (10)	-	ND (10)
Isophorone	µg/L	-	-	ND (10)	-	ND (10)
Naphthalene	µg/L	-	-	ND (10)	-	ND (10)

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW15-00*	*OW16D-03*	*OW16D-03*	*OW16S-03*
Sample ID:			*GW-34084-040204-RR-013*	*GW-34084-123003-RR-008*	*GW-34084-040104-RR-002*	*GW-34084-123003-RR-010*
Sample Date:			*4/2/2004*	*12/30/2003*	*4/1/2004*	*12/30/2003*
Parameter	*Units*	*New York TOGs Table 1*				
Nitrobenzene	µg/L	0.4	-	ND (10)	-	ND (10)
N-Nitrosodi-n-propylamine	µg/L	-	-	ND (10)	-	ND (10)
N-Nitrosodiphenylamine	µg/L	-	-	ND (10)	-	ND (10)
Pentachlorophenol	µg/L	1	-	ND (25)	-	ND (25)
Phenanthrene	µg/L	-	-	ND (10)	-	ND (10)
Phenol	µg/L	1	-	ND (10)	-	ND (10)
Pyrene	µg/L	-	-	ND (10)	-	ND (10)
Metals						
Aluminum	µg/L	-	3530	336	169 J	ND (117) U
Aluminum (dissolved)	µg/L	-	-	ND (20.8) U	-	-
Antimony	µg/L	3	**3.6 J**	ND (2.8)	**4.4 J**	**28.6**
Antimony (dissolved)	µg/L	3	-	ND (2.8)	-	-
Arsenic	µg/L	25	**38.3**	3.8	6.6 J	**74.8**
Arsenic (dissolved)	µg/L	25	-	3.4	-	-
Barium	µg/L	1000	8.5 J	15.8	13.1 J	113
Barium (dissolved)	µg/L	1000	-	14.4	-	-
Beryllium	µg/L	-	1.3 J	ND (0.11) U	0.69 J	ND (0.15) U
Beryllium (dissolved)	µg/L	-	-	ND (0.14) U	-	-
Cadmium	µg/L	5	4.4 J	0.34	0.94 J	2.2
Cadmium (dissolved)	µg/L	5	-	ND (0.30) U	-	-
Calcium	µg/L	-	253000	476000	432000	268000
Calcium (dissolved)	µg/L	-	-	467000	-	-
Chromium	µg/L	50	3.1 J	0.72	2.1 J	3.9
Chromium Total (dissolved)	µg/L	50	-	0.65	-	-
Chromium VI (hexavalent)	µg/L	50	-	-	-	-
Chromium VI (hexavalent) (dissolved)	µg/L	50	-	-	-	-
Cobalt	µg/L	-	108	4.8	5.3 J	14.4
Cobalt (dissolved)	µg/L	-	-	4.7	-	-
Copper	µg/L	200	**949**	5.8	8.6 J	83.9
Copper (dissolved)	µg/L	200	-	3.3	-	-
Iron	µg/L	300	296	**3950**	**3540**	**8060**
Iron (dissolved)	µg/L	300	-	**3500**	-	-
Lead	µg/L	25	6.9	ND (1.1)	ND (1.8) U	9.6
Lead (dissolved)	µg/L	25	-	ND (1.1)	-	-
Magnesium	µg/L	-	40800	210000	180000	40000
Magnesium (dissolved)	µg/L	-	-	207000	-	-
Manganese	µg/L	300	**1970**	**4870**	**4390**	**419**
Manganese (dissolved)	µg/L	300	-	**4880**	-	-
Mercury	µg/L	0.7	ND (0.10)	ND (0.10)	ND (0.10)	0.31 J
Mercury (dissolved)	µg/L	0.7	-	ND (0.10)	-	-
Nickel	µg/L	100	**1070**	11.8	10.4 J	45.1
Nickel (dissolved)	µg/L	100	-	11.2	-	-
Potassium	µg/L	-	3990 J	17400 J	17200	99100 J
Potassium (dissolved)	µg/L	-	-	18400	-	-
Selenium	µg/L	10	**713**	4.0 J	9.1	**31.1 J**
Selenium (dissolved)	µg/L	10	-	5.0	-	-
Silver	µg/L	50	ND (0.50)	ND (0.40)	ND (0.50)	ND (1.7) U
Silver (dissolved)	µg/L	50	-	ND (0.46) U	-	-
Sodium	µg/L	20000	**69100**	**57600**	**59900**	**844000**
Sodium (dissolved)	µg/L	20000	-	**60900**	-	-
Thallium	µg/L	-	ND (1.9)	ND (2.3)	ND (1.9)	ND (2.3)
Thallium (dissolved)	µg/L	-	-	ND (2.3)	-	-
Vanadium	µg/L	-	ND (1.0)	ND (1.3)	ND (1.0)	2.1
Vanadium (dissolved)	µg/L	-	-	ND (1.3)	-	-
Zinc	µg/L	-	912	55.1	29.9	779
Zinc (dissolved)	µg/L	-	-	37.2	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW15-00*	*OW16D-03*	*OW16D-03*	*OW16S-03*
Sample ID:			*GW-34084-040204-RR-013*	*GW-34084-123003-RR-008*	*GW-34084-040104-RR-002*	*GW-34084-123003-RR-010*
Sample Date:			*4/2/2004*	*12/30/2003*	*4/1/2004*	*12/30/2003*
Parameter	*Units*	*New York TOGs Table 1*				
PCBs						
Aroclor-1016 (PCB-1016)	µg/L	-	-	ND (1.0)	-	ND (1.0)
Aroclor-1221 (PCB-1221)	µg/L	-	-	ND (2.0)	-	ND (2.0)
Aroclor-1232 (PCB-1232)	µg/L	-	-	ND (1.0)	-	ND (1.0)
Aroclor-1242 (PCB-1242)	µg/L	-	-	ND (1.0)	-	ND (1.0)
Aroclor-1248 (PCB-1248)	µg/L	-	-	ND (1.0)	-	ND (1.0)
Aroclor-1254 (PCB-1254)	µg/L	-	-	ND (1.0)	-	ND (1.0)
Aroclor-1260 (PCB-1260)	µg/L	-	-	ND (1.0)	-	ND (1.0)
Total PCBs	µg/L	-	-	ND	-	ND
Pesticides						
4,4'-DDD	µg/L	0.3	-	ND (0.10)	-	ND (0.10)
4,4'-DDE	µg/L	0.2	-	ND (0.10)	-	ND (0.10)
4,4'-DDT	µg/L	0.2	-	ND (0.10)	-	ND (0.10)
Aldrin	µg/L	-	-	ND (0.050)	-	ND (0.050)
alpha-BHC	µg/L	0.01	-	ND (0.050)	-	ND (0.050)
alpha-Chlordane	µg/L	-	-	ND (0.050)	-	ND (0.050)
beta-BHC	µg/L	0.04	-	ND (0.050)	-	ND (0.050)
delta-BHC	µg/L	0.04	-	ND (0.050)	-	ND (0.050)
Dieldrin	µg/L	0.004	-	ND (0.10)	-	ND (0.10)
Endosulfan I	µg/L	-	-	ND (0.050)	-	ND (0.050)
Endosulfan II	µg/L	-	-	ND (0.10)	-	ND (0.10)
Endosulfan sulfate	µg/L	-	-	ND (0.10)	-	ND (0.10)
Endrin	µg/L	-	-	ND (0.10)	-	ND (0.10)
Endrin aldehyde	µg/L	5	-	ND (0.10)	-	ND (0.10)
Endrin ketone	µg/L	5	-	ND (0.10)	-	ND (0.10)
gamma-BHC (lindane)	µg/L	0.05	-	ND (0.050)	-	ND (0.050)
gamma-Chlordane	µg/L	-	-	ND (0.050)	-	ND (0.050)
Heptachlor	µg/L	0.04	-	ND (0.050)	-	ND (0.050)
Heptachlor epoxide	µg/L	0.03	-	ND (0.050)	-	ND (0.050)
Methoxychlor	µg/L	35	-	ND (0.50)	-	ND (0.50)
Toxaphene	µg/L	0.06	-	ND (5.0)	-	ND (5.0)
General Chemistry						
Alkalinity, total (as CaCO3)	µg/L	-	-	-	-	-
Ammonia-N	µg/L	-	-	-	-	-
Biochemical oxygen demand (BOD)	µg/L	-	-	-	-	-
Biochemical oxygen demand (carbonaceous)	µg/L	-	-	-	-	-
Calcium carbonate	µg/L	-	-	-	-	-
Chemical oxygen demand (COD)	µg/L	-	-	-	-	-
Chloride	µg/L	250000	-	-	-	-
Conductivity	µmhos/cm	-	-	-	-	-
Cyanide (amenable)	µg/L	-	-	-	-	-
Cyanide (dissolved)	µg/L	-	-	-	-	-
Cyanide (total)	µg/L	200	-	ND (10.0)	-	ND (10.0)
Ignitability	deg C	-	-	-	-	-
Nitrate (as N)	µg/L	10000	-	-	-	-
Nitrite (as N)	µg/L	1000	-	-	-	-
Nitrite/Nitrate	µg/L	10000	-	-	-	-
Nitrogen	µg/L	-	-	-	-	-
pH	s.u.	6.5-8.5	-	-	-	-
pH (water)	s.u.	6.5-8.5	-	-	-	-
pH corrosivity	s.u.	-	-	-	-	-
Reactive cyanide	µg/L	-	-	-	-	-
Reactive sulfide	µg/L	-	-	-	-	-
Sulfate	µg/L	250000	-	-	-	-
Sulfide	µg/L	-	-	-	-	-
Total dissolved solids (TDS)	µg/L	500000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW15-00*	*OW16D-03*	*OW16D-03*	*OW16S-03*
Sample ID:			*GW-34084-040204-RR-013*	*GW-34084-123003-RR-008*	*GW-34084-040104-RR-002*	*GW-34084-123003-RR-010*
Sample Date:			*4/2/2004*	*12/30/2003*	*4/1/2004*	*12/30/2003*
Parameter	*Units*	*New York TOGs Table 1*				
Total kjeldahl nitrogen (TKN)	µg/L	-	-	-	-	-
Total organic carbon (TOC)	µg/L	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/L	-	-	-	-	-
Total Petroleum Hydrocarbons - Non-Polar Material - SGT HEM	µg/L	-	-	-	-	-
Total solids	µg/L	-	-	-	-	-
Total suspended solids (TSS)	µg/L	-	-	-	-	-
Field Parameters						
Conductivity, field	mS/cm	-	-	-	-	-
Dissolved oxygen (DO), field	µg/L	-	-	-	-	-
Oxidation reduction potential (ORP), field	millivolts	-	-	-	-	-
pH, field	s.u.	6.5-8.5	-	-	-	-
Salinity	%	-	-	-	-	-
Temperature, field	deg C	-	-	-	-	-
Turbidity	NTU	5	-	-	-	-

Notes:

(DT) - Analytical results for total and dissolved metals were originally reversed in the original analytical data package, and have been corrected in this table.

> - Greater than amount reported.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

S - Value determined by the method of standard addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

W - Post-digestion spike out of control limits.

- - Not applicable.

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW16S-03*	*OW17R-07*	*OW17R-07*	*OW17R-07*
Sample ID:			*GW-34084-040104-RR-001*	*GW-34084-011608-RR-010*	*GW-072808-RR-013*	*GW-34084-012109-RR-020*
Sample Date:			*4/1/2004*	*1/16/2008*	*7/28/2008*	*1/21/2009*
Parameter	*Units*	*New York TOGs Table 1*				
Volatiles						
1,1,1-Trichloroethane	µg/L	5	-	ND (10)	ND (10) UJ	ND (10)
1,1,2,2-Tetrachloroethane	µg/L	5	-	ND (10)	ND (10)	ND (10)
1,1,2-Trichloroethane	µg/L	1	-	ND (10)	ND (10)	ND (10)
1,1-Dichloroethane	µg/L	5	-	ND (10)	ND (10)	ND (10)
1,1-Dichloroethene	µg/L	5	-	ND (10)	ND (10)	ND (10)
1,2,4-Trichlorobenzene	µg/L	5	-	ND (10)	ND (10) UJ	ND (10)
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	0.04	-	ND (10)	ND (10) UJ	ND (10)
1,2-Dibromoethane (Ethylene dibromide)	µg/L	0.0006	-	ND (10)	ND (10)	ND (10)
1,2-Dichlorobenzene	µg/L	3	-	ND (10)	ND (10)	ND (10)
1,2-Dichloroethane	µg/L	0.6	-	ND (10)	ND (10) UJ	ND (10)
1,2-Dichloroethene (total)	µg/L	-	-	-	-	-
1,2-Dichloropropane	µg/L	1	-	ND (10)	ND (10)	ND (10)
1,3-Dichlorobenzene	µg/L	3	-	ND (10)	ND (10)	ND (10)
1,4-Dichlorobenzene	µg/L	3	-	ND (10)	ND (10)	ND (10)
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	-	-	ND (10) UJ	ND (10)	ND (10)
2-Hexanone	µg/L	-	-	ND (10)	ND (10)	ND (10)
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	-	-	ND (10)	ND (10)	ND (10)
Acetone	µg/L	-	-	ND (10)	ND (10)	ND (10) U
Benzene	µg/L	1	-	ND (10)	ND (10)	ND (10)
Bromodichloromethane	µg/L	-	-	ND (10)	ND (10)	ND (10)
Bromoform	µg/L	-	-	ND (10)	ND (10)	ND (10)
Bromomethane (Methyl bromide)	µg/L	5	-	ND (10)	ND (10)	ND (10)
Carbon disulfide	µg/L	60	-	ND (10)	ND (10) UJ	ND (10)
Carbon tetrachloride	µg/L	5	-	ND (10)	ND (10)	ND (10)
Chlorobenzene	µg/L	5	-	ND (10)	ND (10)	ND (10)
Chloroethane	µg/L	5	-	ND (10)	ND (10)	ND (10)
Chloroform (Trichloromethane)	µg/L	7	-	ND (10)	ND (10)	ND (10)
Chloromethane (Methyl chloride)	µg/L	5	-	ND (10)	ND (10)	ND (10)
cis-1,2-Dichloroethene	µg/L	5	-	ND (10)	ND (10)	ND (10)
cis-1,3-Dichloropropene	µg/L	-	-	ND (10)	ND (10)	ND (10)
Cyclohexane	µg/L	-	-	ND (10)	ND (10)	ND (10)
Dibromochloromethane	µg/L	-	-	ND (10)	ND (10)	ND (10)
Dichlorodifluoromethane (CFC-12)	µg/L	5	-	ND (10)	ND (10)	ND (10)
Ethylbenzene	µg/L	5	-	ND (10)	ND (10)	ND (10)
Isopropyl benzene	µg/L	5	-	ND (10)	ND (10)	ND (10)
m&p-Xylenes	µg/L	-	-	ND (10)	ND (10)	ND (10)
Methyl acetate	µg/L	-	-	ND (10)	ND (10)	ND (10) UJ
Methyl cyclohexane	µg/L	-	-	ND (10)	ND (10)	ND (10)
Methyl tert butyl ether (MTBE)	µg/L	-	-	ND (10)	ND (10)	ND (10)
Methylene chloride	µg/L	5	-	ND (10)	ND (10)	ND (10)
o-Xylene	µg/L	5	-	ND (10)	ND (10)	ND (10)
Styrene	µg/L	5	-	ND (10)	ND (10)	ND (10)
Tetrachloroethene	µg/L	5	-	ND (10)	ND (10) UJ	ND (10) UJ
Toluene	µg/L	5	-	ND (10)	ND (10)	ND (10)
trans-1,2-Dichloroethene	µg/L	5	-	ND (10)	ND (10)	ND (10)
trans-1,3-Dichloropropene	µg/L	-	-	ND (10)	ND (10)	ND (10)
Trichloroethene	µg/L	5	-	ND (10)	ND (10)	ND (10)
Trichlorofluoromethane (CFC-11)	µg/L	5	-	ND (10)	ND (10) UJ	ND (10)
Trifluorotrichloroethane (Freon 113)	µg/L	5	-	ND (10)	ND (10)	ND (10)
Vinyl chloride	µg/L	2	-	ND (10)	ND (10)	ND (10)
Xylenes (total)	µg/L	-	-	-	-	-
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg/L	5	-	-	-	-
1,2-Dichlorobenzene	µg/L	3	-	-	-	-
1,3-Dichlorobenzene	µg/L	3	-	-	-	-
1,4-Dichlorobenzene	µg/L	3	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	5	-	ND (10)	ND (10)	ND (10)

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW16S-03*	*OW17R-07*	*OW17R-07*	*OW17R-07*
Sample ID:			*GW-34084-040104-RR-001*	*GW-34084-011608-RR-010*	*GW-072808-RR-013*	*GW-34084-012109-RR-020*
Sample Date:			*4/1/2004*	*1/16/2008*	*7/28/2008*	*1/21/2009*
Parameter	*Units*	*New York TOGs Table 1*				
2,4,5-Trichlorophenol	µg/L	-	-	ND (25)	ND (25)	ND (25)
2,4,6-Trichlorophenol	µg/L	-	-	ND (10)	ND (10)	ND (10)
2,4-Dichlorophenol	µg/L	5	-	ND (10)	ND (10)	ND (10)
2,4-Dimethylphenol	µg/L	-	-	ND (10)	ND (10)	ND (10)
2,4-Dinitrophenol	µg/L	-	-	ND (25)	ND (25)	ND (25) UJ
2,4-Dinitrotoluene	µg/L	5	-	ND (10)	ND (10)	ND (10)
2,6-Dinitrotoluene	µg/L	5	-	ND (10)	ND (10)	ND (10)
2-Chloronaphthalene	µg/L	-	-	ND (10)	ND (10)	ND (10)
2-Chlorophenol	µg/L	-	-	ND (10)	ND (10)	ND (10)
2-Methylnaphthalene	µg/L	-	-	ND (10)	ND (10)	ND (10)
2-Methylphenol	µg/L	-	-	ND (10)	ND (10)	ND (10)
2-Nitroaniline	µg/L	5	-	ND (25)	ND (25)	ND (25)
2-Nitrophenol	µg/L	-	-	ND (10)	ND (10)	ND (10)
3,3'-Dichlorobenzidine	µg/L	5	-	ND (10)	ND (10)	ND (10)
3-Nitroaniline	µg/L	5	-	ND (25)	ND (25)	ND (25)
4,6-Dinitro-2-methylphenol	µg/L	-	-	ND (25)	ND (25)	ND (25)
4-Bromophenyl phenyl ether	µg/L	-	-	ND (10)	ND (10)	ND (10)
4-Chloro-3-methylphenol	µg/L	-	-	ND (10)	ND (10)	ND (10)
4-Chloroaniline	µg/L	5	-	ND (10)	ND (10)	ND (10)
4-Chlorophenyl phenyl ether	µg/L	-	-	ND (10)	ND (10)	ND (10)
4-Methylphenol	µg/L	-	-	ND (10)	ND (10) UJ	ND (10) UJ
4-Nitroaniline	µg/L	5	-	ND (25)	ND (25)	ND (25)
4-Nitrophenol	µg/L	-	-	ND (25)	ND (25)	ND (25)
Acenaphthene	µg/L	-	-	ND (10)	ND (10)	ND (10)
Acenaphthylene	µg/L	-	-	ND (10)	ND (10)	ND (10)
Acetophenone	µg/L	-	-	ND (10)	ND (10)	ND (10)
Anthracene	µg/L	-	-	ND (10)	ND (10)	ND (10)
Atrazine	µg/L	7.5	-	ND (10) UJ	ND (10)	ND (10) UJ
Benzaldehyde	µg/L	-	-	ND (10) UJ	ND (10) UJ	ND (10) UJ
Benzo(a)anthracene	µg/L	-	-	ND (10)	ND (10)	ND (10)
Benzo(a)pyrene	µg/L	-	-	ND (10)	ND (10)	ND (10)
Benzo(b)fluoranthene	µg/L	-	-	ND (10)	ND (10)	ND (10) UJ
Benzo(g,h,i)perylene	µg/L	-	-	ND (10)	ND (10)	ND (10)
Benzo(k)fluoranthene	µg/L	-	-	ND (10) UJ	ND (10)	ND (10)
Biphenyl (1,1-Biphenyl)	µg/L	5	-	ND (10)	ND (10)	ND (10)
bis(2-Chloroethoxy)methane	µg/L	5	-	ND (10)	ND (10)	ND (10)
bis(2-Chloroethyl)ether	µg/L	1	-	ND (10)	ND (10)	ND (10)
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	5	-	ND (10)	ND (10)	ND (10)
Butyl benzylphthalate (BBP)	µg/L	-	-	ND (10)	ND (10)	ND (10)
Caprolactam	µg/L	-	-	ND (10)	ND (10)	ND (10) UJ
Carbazole	µg/L	-	-	ND (10)	ND (10)	ND (10)
Chrysene	µg/L	-	-	ND (10)	ND (10)	ND (10)
Dibenz(a,h)anthracene	µg/L	-	-	ND (10)	ND (10)	ND (10)
Dibenz(a,j)acridine	µg/L	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/L	-	-	-	-	-
Dibenzofuran	µg/L	-	-	ND (10)	ND (10)	ND (10)
Diethyl phthalate	µg/L	-	-	ND (10)	ND (10)	ND (10)
Dimethyl phthalate	µg/L	-	-	ND (10)	ND (10)	ND (10)
Di-n-butylphthalate (DBP)	µg/L	50	-	ND (10)	ND (10)	ND (10)
Di-n-octyl phthalate (DnOP)	µg/L	-	-	ND (10)	ND (10)	ND (10)
Fluoranthene	µg/L	-	-	ND (10)	ND (10)	ND (10)
Fluorene	µg/L	-	-	ND (10)	ND (10)	ND (10)
Hexachlorobenzene	µg/L	0.04	-	ND (10)	ND (10)	ND (10)
Hexachlorobutadiene	µg/L	0.5	-	ND (10)	ND (10)	ND (10)
Hexachlorocyclopentadiene	µg/L	5	-	ND (10)	ND (10) UJ	ND (10) UJ
Hexachloroethane	µg/L	5	-	ND (10) UJ	ND (10)	ND (10)
Indeno(1,2,3-cd)pyrene	µg/L	-	-	ND (10)	ND (10)	ND (10)
Isophorone	µg/L	-	-	ND (10) UJ	ND (10)	ND (10)
Naphthalene	µg/L	-	-	ND (10)	ND (10)	ND (10)

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
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Sample Location:			*OW16S-03*	*OW17R-07*	*OW17R-07*	*OW17R-07*
Sample ID:			*GW-34084-040104-RR-001*	*GW-34084-011608-RR-010*	*GW-072808-RR-013*	*GW-34084-012109-RR-020*
Sample Date:			*4/1/2004*	*1/16/2008*	*7/28/2008*	*1/21/2009*
Parameter	*Units*	*New York TOGs Table 1*				
Nitrobenzene	µg/L	0.4	-	ND (10)	ND (10)	ND (10)
N-Nitrosodi-n-propylamine	µg/L	-	-	ND (10)	ND (10)	ND (10)
N-Nitrosodiphenylamine	µg/L	-	-	ND (10)	ND (10)	ND (10)
Pentachlorophenol	µg/L	1	-	ND (25)	ND (25)	ND (25)
Phenanthrene	µg/L	-	-	ND (10)	ND (10)	ND (10)
Phenol	µg/L	1	-	ND (10)	ND (10)	ND (10)
Pyrene	µg/L	-	-	ND (10)	ND (10)	ND (10)
Metals						
Aluminum	µg/L	-	242	2160	78.3	ND (50.8) U
Aluminum (dissolved)	µg/L	-	-	543	ND (7.5)	ND (77.1) U
Antimony	µg/L	3	**6.8 J**	ND (4.4) U	ND (4.4)	ND (2.3)
Antimony (dissolved)	µg/L	3	-	ND (2.7) U	ND (4.4)	ND (2.3)
Arsenic	µg/L	25	**32.2**	**1800**	**2040**	**1450**
Arsenic (dissolved)	µg/L	25	-	**331**	**1920**	**1380**
Barium	µg/L	1000	67.2 J	37.5	10.2	8.2
Barium (dissolved)	µg/L	1000	-	16.9	ND (8.8) U	8.2
Beryllium	µg/L	-	0.19 J	0.86	ND (0.10)	ND (0.096)
Beryllium (dissolved)	µg/L	-	-	0.94	ND (0.10)	ND (0.41) U
Cadmium	µg/L	5	1.7 J	2.6	2.5	1.2
Cadmium (dissolved)	µg/L	5	-	2.8	ND (0.27)	ND (0.35)
Calcium	µg/L	-	197000	375000	306000	322000
Calcium (dissolved)	µg/L	-	-	358000	ND (302000) U	320000
Chromium	µg/L	50	2.0 J	6.5	0.91	0.94
Chromium Total (dissolved)	µg/L	50	-	ND (2.8) U	ND (0.75)	0.76
Chromium VI (hexavalent)	µg/L	50	-	-	-	-
Chromium VI (hexavalent) (dissolved)	µg/L	50	-	-	-	-
Cobalt	µg/L	-	11.7 J	23.0	14.2	16.0
Cobalt (dissolved)	µg/L	-	-	21.7	13.5	16.0
Copper	µg/L	200	**229**	**677**	**221**	**268**
Copper (dissolved)	µg/L	200	-	**296**	193	**261**
Iron	µg/L	300	**32800**	**81400**	**51000**	**62100**
Iron (dissolved)	µg/L	300	-	**44700**	**50200**	**62200**
Lead	µg/L	25	4.7	2.6	3.5	ND (1.3)
Lead (dissolved)	µg/L	25	-	ND (1.4)	ND (2.3)	ND (1.3)
Magnesium	µg/L	-	47900	47900	37000	38600
Magnesium (dissolved)	µg/L	-	-	45800	ND (35300) U	39600
Manganese	µg/L	300	**548**	**1910**	**1310**	**1480**
Manganese (dissolved)	µg/L	300	-	**1820**	**1290**	**1480**
Mercury	µg/L	0.7	ND (0.10)	ND (0.10)	ND (0.13)	ND (0.10)
Mercury (dissolved)	µg/L	0.7	-	ND (0.10)	ND (0.13)	ND (0.13)
Nickel	µg/L	100	39.0 J	62.2	39.3	43.7
Nickel (dissolved)	µg/L	100	-	58.5	37.8	44.1
Potassium	µg/L	-	64900	96600	83900 J	72400
Potassium (dissolved)	µg/L	-	-	92100	79900 J	76500 J
Selenium	µg/L	10	5.9	3.9	ND (4.3)	ND (1.9)
Selenium (dissolved)	µg/L	10	-	ND (2.4)	ND (4.3)	ND (1.9)
Silver	µg/L	50	ND (0.50)	1.0	ND (0.89)	ND (1.1) U
Silver (dissolved)	µg/L	50	-	1.2	ND (0.89)	1.1
Sodium	µg/L	20000	**458000**	**599000**	**455000**	**443000**
Sodium (dissolved)	µg/L	20000	-	**577000**	**441000**	**456000**
Thallium	µg/L	-	2.5 J	ND (2.3)	ND (2.5)	6.9
Thallium (dissolved)	µg/L	-	-	2.7	ND (2.5)	ND (4.6) U
Vanadium	µg/L	-	ND (1.0)	6.5	ND (2.2)	2.0
Vanadium (dissolved)	µg/L	-	-	2.8	ND (2.2)	2.0
Zinc	µg/L	-	768	374	134	155
Zinc (dissolved)	µg/L	-	-	381	ND (132) U	165

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
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Sample Location:			*OW16S-03*	*OW17R-07*	*OW17R-07*	*OW17R-07*
Sample ID:			*GW-34084-040104-RR-001*	*GW-34084-011608-RR-010*	*GW-072808-RR-013*	*GW-34084-012109-RR-020*
Sample Date:			*4/1/2004*	*1/16/2008*	*7/28/2008*	*1/21/2009*
Parameter	*Units*	*New York TOGs Table 1*				
PCBs						
Aroclor-1016 (PCB-1016)	µg/L	-	-	ND (1.0)	ND (1.0)	ND (1.0)
Aroclor-1221 (PCB-1221)	µg/L	-	-	ND (2.0)	ND (2.0)	ND (2.0)
Aroclor-1232 (PCB-1232)	µg/L	-	-	ND (1.0)	ND (1.0)	ND (1.0)
Aroclor-1242 (PCB-1242)	µg/L	-	-	ND (1.0)	ND (1.0)	ND (1.0)
Aroclor-1248 (PCB-1248)	µg/L	-	-	ND (1.0)	ND (1.0)	ND (1.0)
Aroclor-1254 (PCB-1254)	µg/L	-	-	ND (1.0)	ND (1.0)	ND (1.0)
Aroclor-1260 (PCB-1260)	µg/L	-	-	ND (1.0)	ND (1.0)	ND (1.0)
Total PCBs	µg/L	-	-	ND	ND	ND
Pesticides						
4,4'-DDD	µg/L	0.3	-	-	-	-
4,4'-DDE	µg/L	0.2	-	-	-	-
4,4'-DDT	µg/L	0.2	-	-	-	-
Aldrin	µg/L	-	-	-	-	-
alpha-BHC	µg/L	0.01	-	-	-	-
alpha-Chlordane	µg/L	-	-	-	-	-
beta-BHC	µg/L	0.04	-	-	-	-
delta-BHC	µg/L	0.04	-	-	-	-
Dieldrin	µg/L	0.004	-	-	-	-
Endosulfan I	µg/L	-	-	-	-	-
Endosulfan II	µg/L	-	-	-	-	-
Endosulfan sulfate	µg/L	-	-	-	-	-
Endrin	µg/L	-	-	-	-	-
Endrin aldehyde	µg/L	5	-	-	-	-
Endrin ketone	µg/L	5	-	-	-	-
gamma-BHC (lindane)	µg/L	0.05	-	-	-	-
gamma-Chlordane	µg/L	-	-	-	-	-
Heptachlor	µg/L	0.04	-	-	-	-
Heptachlor epoxide	µg/L	0.03	-	-	-	-
Methoxychlor	µg/L	35	-	-	-	-
Toxaphene	µg/L	0.06	-	-	-	-
General Chemistry						
Alkalinity, total (as CaCO3)	µg/L	-	-	-	-	-
Ammonia-N	µg/L	-	-	-	-	-
Biochemical oxygen demand (BOD)	µg/L	-	-	-	-	-
Biochemical oxygen demand (carbonaceous)	µg/L	-	-	-	-	-
Calcium carbonate	µg/L	-	-	-	-	-
Chemical oxygen demand (COD)	µg/L	-	-	-	-	-
Chloride	µg/L	250000	-	**768000**	**461000**	**447000**
Conductivity	µmhos/cm	-	-	-	-	-
Cyanide (amenable)	µg/L	-	-	-	-	-
Cyanide (dissolved)	µg/L	-	-	-	-	-
Cyanide (total)	µg/L	200	-	-	-	-
Ignitability	deg C	-	-	-	-	-
Nitrate (as N)	µg/L	10000	-	-	-	-
Nitrite (as N)	µg/L	1000	-	-	-	-
Nitrite/Nitrate	µg/L	10000	-	-	-	-
Nitrogen	µg/L	-	-	-	-	-
pH	s.u.	6.5-8.5	-	-	-	-
pH (water)	s.u.	6.5-8.5	-	-	-	-
pH corrosivity	s.u.	-	-	-	-	-
Reactive cyanide	µg/L	-	-	-	-	-
Reactive sulfide	µg/L	-	-	-	-	-
Sulfate	µg/L	250000	-	-	-	-
Sulfide	µg/L	-	-	-	-	-
Total dissolved solids (TDS)	µg/L	500000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW16S-03*	*OW17R-07*	*OW17R-07*	*OW17R-07*
Sample ID:			*GW-34084-040104-RR-001*	*GW-34084-011608-RR-010*	*GW-072808-RR-013*	*GW-34084-012109-RR-020*
Sample Date:			*4/1/2004*	*1/16/2008*	*7/28/2008*	*1/21/2009*
Parameter	*Units*	*New York TOGs Table 1*				
Total kjeldahl nitrogen (TKN)	µg/L	-	-	-	-	-
Total organic carbon (TOC)	µg/L	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/L	-	-	-	-	-
Total Petroleum Hydrocarbons - Non-Polar Material - SGT HEM	µg/L	-	-	-	-	-
Total solids	µg/L	-	-	-	-	-
Total suspended solids (TSS)	µg/L	-	-	-	-	-
Field Parameters						
Conductivity, field	mS/cm	-	-	-	-	-
Dissolved oxygen (DO), field	µg/L	-	-	-	-	-
Oxidation reduction potential (ORP), field	millivolts	-	-	-	-	-
pH, field	s.u.	6.5-8.5	-	-	-	-
Salinity	%	-	-	-	-	-
Temperature, field	deg C	-	-	-	-	-
Turbidity	NTU	5	-	-	-	-

Notes:

(DT) - Analytical results for total and dissolved metals were originally reversed in the original analytical data package, and have been corrected in this table.

> - Greater than amount reported.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

S - Value determined by the method of standard addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

W - Post-digestion spike out of control limits.

- - Not applicable.

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW17R-07*	*OW17R-07*	*OW17R-07*	*OW17R-07*
Sample ID:			*GW-34084-072709-SD-016*	*GW-34084-011510-RR-003*	*GW-34084-071910-RR-008*	*GW-34084-021011-RR-025*
Sample Date:			*7/27/2009*	*1/15/2010*	*7/19/2010*	*2/10/2011*
Parameter	*Units*	*New York TOGs Table 1*				
Volatiles						
1,1,1-Trichloroethane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
1,1,2,2-Tetrachloroethane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
1,1,2-Trichloroethane	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)
1,1-Dichloroethane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
1,1-Dichloroethene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
1,2,4-Trichlorobenzene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10) UJ
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	0.04	ND (10)	ND (10)	ND (10)	ND (10)
1,2-Dibromoethane (Ethylene dibromide)	µg/L	0.0006	ND (10)	ND (10)	ND (10)	ND (10)
1,2-Dichlorobenzene	µg/L	3	ND (10)	ND (10)	ND (10)	ND (10) UJ
1,2-Dichloroethane	µg/L	0.6	ND (10)	ND (10)	ND (10)	ND (10)
1,2-Dichloroethene (total)	µg/L	-	-	-	-	-
1,2-Dichloropropane	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)
1,3-Dichlorobenzene	µg/L	3	ND (10)	ND (10)	ND (10)	ND (10) UJ
1,4-Dichlorobenzene	µg/L	3	ND (10)	ND (10)	ND (10)	ND (10) UJ
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2-Hexanone	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Acetone	µg/L	-	ND (10) U	ND (10) U	ND (10) U	ND (10)
Benzene	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)
Bromodichloromethane	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Bromoform	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Bromomethane (Methyl bromide)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Carbon disulfide	µg/L	60	ND (10)	ND (10)	ND (10)	ND (10)
Carbon tetrachloride	µg/L	5	ND (10)	ND (10)	ND (10) UJ	ND (10)
Chlorobenzene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Chloroethane	µg/L	5	ND (10)	ND (10)	ND (10) UJ	ND (10)
Chloroform (Trichloromethane)	µg/L	7	ND (10)	ND (10)	ND (10)	ND (10)
Chloromethane (Methyl chloride)	µg/L	5	ND (10)	ND (10) UJ	ND (10) UJ	ND (10)
cis-1,2-Dichloroethene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
cis-1,3-Dichloropropene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Cyclohexane	µg/L	-	ND (10) UJ	ND (10)	ND (10)	ND (10) UJ
Dibromochloromethane	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Dichlorodifluoromethane (CFC-12)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Ethylbenzene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Isopropyl benzene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
m&p-Xylenes	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Methyl acetate	µg/L	-	ND (10)	ND (10)	ND (10) UJ	ND (10)
Methyl cyclohexane	µg/L	-	ND (10) UJ	ND (10)	ND (10) UJ	ND (10) UJ
Methyl tert butyl ether (MTBE)	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Methylene chloride	µg/L	5	ND (10)	ND (10) UJ	ND (10) UJ	ND (10)
o-Xylene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10) UJ
Styrene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Tetrachloroethene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Toluene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
trans-1,2-Dichloroethene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
trans-1,3-Dichloropropene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Trichloroethene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Trichlorofluoromethane (CFC-11)	µg/L	5	ND (10) UJ	ND (10)	ND (10)	ND (10)
Trifluorotrichloroethane (Freon 113)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10) UJ
Vinyl chloride	µg/L	2	ND (10)	ND (10)	ND (10)	ND (10)
Xylenes (total)	µg/L	-	-	-	-	-
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg/L	5	-	-	-	-
1,2-Dichlorobenzene	µg/L	3	-	-	-	-
1,3-Dichlorobenzene	µg/L	3	-	-	-	-
1,4-Dichlorobenzene	µg/L	3	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW17R-07*	*OW17R-07*	*OW17R-07*	*OW17R-07*
Sample ID:			*GW-34084-072709-SD-016*	*GW-34084-011510-RR-003*	*GW-34084-071910-RR-008*	*GW-34084-021011-RR-025*
Sample Date:			*7/27/2009*	*1/15/2010*	*7/19/2010*	*2/10/2011*
Parameter	*Units*	*New York TOGs Table 1*				
2,4,5-Trichlorophenol	µg/L	-	ND (25)	ND (25)	ND (25)	ND (25)
2,4,6-Trichlorophenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2,4-Dichlorophenol	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
2,4-Dimethylphenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2,4-Dinitrophenol	µg/L	-	ND (25)	ND (25) UJ	ND (25)	ND (25) UJ
2,4-Dinitrotoluene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
2,6-Dinitrotoluene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
2-Chloronaphthalene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2-Chlorophenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2-Methylnaphthalene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2-Methylphenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2-Nitroaniline	µg/L	5	ND (25)	ND (25)	ND (25)	ND (25)
2-Nitrophenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
3,3'-Dichlorobenzidine	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
3-Nitroaniline	µg/L	5	ND (25)	ND (25)	ND (25)	ND (25)
4,6-Dinitro-2-methylphenol	µg/L	-	ND (25)	ND (25)	ND (25)	ND (25)
4-Bromophenyl phenyl ether	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
4-Chloro-3-methylphenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
4-Chloroaniline	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
4-Chlorophenyl phenyl ether	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
4-Methylphenol	µg/L	-	ND (10) UJ	ND (10) UJ	ND (10) UJ	ND (10) UJ
4-Nitroaniline	µg/L	5	ND (25)	ND (25)	ND (25)	ND (25)
4-Nitrophenol	µg/L	-	ND (25) UJ	ND (25) UJ	ND (25)	ND (25)
Acenaphthene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Acenaphthylene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Acetophenone	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Anthracene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Atrazine	µg/L	7.5	ND (10)	ND (10)	ND (10)	ND (10)
Benzaldehyde	µg/L	-	ND (10) UJ	ND (10)	ND (10) UJ	ND (10) UJ
Benzo(a)anthracene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Benzo(a)pyrene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Benzo(b)fluoranthene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Benzo(g,h,i)perylene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Benzo(k)fluoranthene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Biphenyl (1,1-Biphenyl)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
bis(2-Chloroethoxy)methane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
bis(2-Chloroethyl)ether	µg/L	1	ND (10) UJ	ND (10)	ND (10)	ND (10)
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10) UJ
Butyl benzylphthalate (BBP)	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10) UJ
Caprolactam	µg/L	-	ND (10) UJ	ND (10) UJ	ND (10) UJ	ND (10)
Carbazole	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Chrysene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Dibenz(a,h)anthracene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Dibenz(a,j)acridine	µg/L	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/L	-	-	-	-	-
Dibenzofuran	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Diethyl phthalate	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Dimethyl phthalate	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Di-n-butylphthalate (DBP)	µg/L	50	ND (10)	ND (10)	ND (10)	ND (10)
Di-n-octyl phthalate (DnOP)	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Fluoranthene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Fluorene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Hexachlorobenzene	µg/L	0.04	ND (10)	ND (10)	ND (10)	ND (10)
Hexachlorobutadiene	µg/L	0.5	ND (10)	ND (10)	ND (10)	ND (10)
Hexachlorocyclopentadiene	µg/L	5	ND (10) UJ	ND (10) UJ	ND (10) U	ND (10)
Hexachloroethane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Indeno(1,2,3-cd)pyrene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Isophorone	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Naphthalene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
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Sample Location:			*OW17R-07*	*OW17R-07*	*OW17R-07*	*OW17R-07*
Sample ID:			*GW-34084-072709-SD-016*	*GW-34084-011510-RR-003*	*GW-34084-071910-RR-008*	*GW-34084-021011-RR-025*
Sample Date:			*7/27/2009*	*1/15/2010*	*7/19/2010*	*2/10/2011*
Parameter	*Units*	*New York TOGs Table 1*				
Nitrobenzene	µg/L	0.4	ND (10)	ND (10)	ND (10)	ND (10)
N-Nitrosodi-n-propylamine	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
N-Nitrosodiphenylamine	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Pentachlorophenol	µg/L	1	ND (25)	ND (25)	ND (25)	ND (25)
Phenanthrene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Phenol	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)
Pyrene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Metals						
Aluminum	µg/L	-	623	148	ND (62.5) U	ND (52.1) U
Aluminum (dissolved)	µg/L	-	80.8 J	26.9	ND (29.9) U	ND (36.8) U
Antimony	µg/L	3	ND (2.5)	ND (2.1)	**3.6**	ND (6.1) U
Antimony (dissolved)	µg/L	3	ND (2.5) UJ	2.1	**5.2**	ND (1.8) U
Arsenic	µg/L	25	**1800**	**1420**	**1680**	**1410**
Arsenic (dissolved)	µg/L	25	**84.3 J**	**1310**	**1600**	**1270**
Barium	µg/L	1000	14.4	12.8	9.9	8.9 J
Barium (dissolved)	µg/L	1000	9.6 J	11.2	9.5	8.8
Beryllium	µg/L	-	ND (0.13)	ND (0.26)	ND (0.17)	ND (0.17)
Beryllium (dissolved)	µg/L	-	ND (0.13) UJ	ND (0.26)	ND (0.17)	ND (0.17)
Cadmium	µg/L	5	ND (1.5) U	1.0	ND (0.33)	0.58
Cadmium (dissolved)	µg/L	5	0.50 J	1.2	ND (0.33)	0.49
Calcium	µg/L	-	313000	296000	258000	260000
Calcium (dissolved)	µg/L	-	308000 J	289000	267000	267000
Chromium	µg/L	50	ND (1.7) U	ND (0.62) U	ND (2.3)	ND (0.33)
Chromium Total (dissolved)	µg/L	50	ND (1.5) UJ	ND (0.44)	ND (2.3)	ND (0.33)
Chromium VI (hexavalent)	µg/L	50	-	-	-	-
Chromium VI (hexavalent) (dissolved)	µg/L	50	-	-	-	-
Cobalt	µg/L	-	14.4	15.2	12.8	12.6
Cobalt (dissolved)	µg/L	-	13.5 J	14.3	13.6	13.6
Copper	µg/L	200	**394**	**224**	**203**	167
Copper (dissolved)	µg/L	200	42.8 J	195	168	154 J
Iron	µg/L	300	**54800**	**54800 J**	**45400**	**54400**
Iron (dissolved)	µg/L	300	**7990 J**	**52600**	**46000**	**54600 J**
Lead	µg/L	25	**47.2**	3.9	5.7	17.9
Lead (dissolved)	µg/L	25	**37.4 J**	3.8	5.2	17.7
Magnesium	µg/L	-	36600	43900	35700	39000
Magnesium (dissolved)	µg/L	-	36200 J	43200	36600	39900
Manganese	µg/L	300	**1500**	**1470**	**1270**	**1430**
Manganese (dissolved)	µg/L	300	**1480 J**	**1440**	**1320**	**1470**
Mercury	µg/L	0.7	0.11	ND (0.10)	ND (0.10)	ND (0.10)
Mercury (dissolved)	µg/L	0.7	ND (0.10) UJ	ND (0.10)	ND (0.10)	ND (0.10)
Nickel	µg/L	100	37.7	42.6	36.2	37.7
Nickel (dissolved)	µg/L	100	39.6 J	42.1	38.6	39.8
Potassium	µg/L	-	60200	66500 J	65200	53200 J
Potassium (dissolved)	µg/L	-	59500 J	65600 J	66700	55000 J
Selenium	µg/L	10	ND (5.3) UJ	ND (2.5)	ND (2.8)	ND (1.6)
Selenium (dissolved)	µg/L	10	ND (5.3) UJ	ND (2.5)	ND (2.8)	2.1 J
Silver	µg/L	50	ND (0.33)	ND (0.83)	ND (0.35) U	ND (1.2) U
Silver (dissolved)	µg/L	50	ND (0.33) UJ	ND (0.83)	ND (0.53) U	ND (1.4) U
Sodium	µg/L	20000	**411000**	**358000**	**339000**	**338000**
Sodium (dissolved)	µg/L	20000	**408000 J**	**355000**	**351000**	**348000**
Thallium	µg/L	-	ND (3.9)	ND (3.2)	ND (3.0)	ND (2.3)
Thallium (dissolved)	µg/L	-	ND (3.9) UJ	ND (3.2)	ND (3.0)	ND (2.3)
Vanadium	µg/L	-	1.3	2.2	1.8	1.3
Vanadium (dissolved)	µg/L	-	ND (0.77) UJ	1.6	1.5	1.3
Zinc	µg/L	-	131	143	107	94.2 J
Zinc (dissolved)	µg/L	-	112 J	136	107	94.4

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
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Sample Location:			*OW17R-07*	*OW17R-07*	*OW17R-07*	*OW17R-07*
Sample ID:			*GW-34084-072709-SD-016*	*GW-34084-011510-RR-003*	*GW-34084-071910-RR-008*	*GW-34084-021011-RR-025*
Sample Date:			*7/27/2009*	*1/15/2010*	*7/19/2010*	*2/10/2011*
Parameter	*Units*	*New York TOGs Table 1*				
PCBs						
Aroclor-1016 (PCB-1016)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Aroclor-1221 (PCB-1221)	µg/L	-	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Aroclor-1232 (PCB-1232)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Aroclor-1242 (PCB-1242)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Aroclor-1248 (PCB-1248)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Aroclor-1254 (PCB-1254)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Aroclor-1260 (PCB-1260)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Total PCBs	µg/L	-	ND	ND	ND	ND
Pesticides						
4,4'-DDD	µg/L	0.3	-	-	-	-
4,4'-DDE	µg/L	0.2	-	-	-	-
4,4'-DDT	µg/L	0.2	-	-	-	-
Aldrin	µg/L	-	-	-	-	-
alpha-BHC	µg/L	0.01	-	-	-	-
alpha-Chlordane	µg/L	-	-	-	-	-
beta-BHC	µg/L	0.04	-	-	-	-
delta-BHC	µg/L	0.04	-	-	-	-
Dieldrin	µg/L	0.004	-	-	-	-
Endosulfan I	µg/L	-	-	-	-	-
Endosulfan II	µg/L	-	-	-	-	-
Endosulfan sulfate	µg/L	-	-	-	-	-
Endrin	µg/L	-	-	-	-	-
Endrin aldehyde	µg/L	5	-	-	-	-
Endrin ketone	µg/L	5	-	-	-	-
gamma-BHC (lindane)	µg/L	0.05	-	-	-	-
gamma-Chlordane	µg/L	-	-	-	-	-
Heptachlor	µg/L	0.04	-	-	-	-
Heptachlor epoxide	µg/L	0.03	-	-	-	-
Methoxychlor	µg/L	35	-	-	-	-
Toxaphene	µg/L	0.06	-	-	-	-
General Chemistry						
Alkalinity, total (as CaCO3)	µg/L	-	-	-	-	-
Ammonia-N	µg/L	-	-	-	-	-
Biochemical oxygen demand (BOD)	µg/L	-	-	-	-	-
Biochemical oxygen demand (carbonaceous)	µg/L	-	-	-	-	-
Calcium carbonate	µg/L	-	-	-	-	-
Chemical oxygen demand (COD)	µg/L	-	-	-	-	-
Chloride	µg/L	250000	**441000**	**416000**	**609000**	**476000**
Conductivity	µmhos/cm	-	-	-	-	-
Cyanide (amenable)	µg/L	-	-	-	-	-
Cyanide (dissolved)	µg/L	-	-	-	-	-
Cyanide (total)	µg/L	200	-	-	-	-
Ignitability	deg C	-	-	-	-	-
Nitrate (as N)	µg/L	10000	-	-	-	-
Nitrite (as N)	µg/L	1000	-	-	-	-
Nitrite/Nitrate	µg/L	10000	-	-	-	-
Nitrogen	µg/L	-	-	-	-	-
pH	s.u.	6.5-8.5	-	-	-	-
pH (water)	s.u.	6.5-8.5	-	-	-	-
pH corrosivity	s.u.	-	-	-	-	-
Reactive cyanide	µg/L	-	-	-	-	-
Reactive sulfide	µg/L	-	-	-	-	-
Sulfate	µg/L	250000	-	-	-	-
Sulfide	µg/L	-	-	-	-	-
Total dissolved solids (TDS)	µg/L	500000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW17R-07*	*OW17R-07*	*OW17R-07*	*OW17R-07*
Sample ID:			*GW-34084-072709-SD-016*	*GW-34084-011510-RR-003*	*GW-34084-071910-RR-008*	*GW-34084-021011-RR-025*
Sample Date:			*7/27/2009*	*1/15/2010*	*7/19/2010*	*2/10/2011*
Parameter	*Units*	*New York TOGs Table 1*				
Total kjeldahl nitrogen (TKN)	µg/L	-	-	-	-	-
Total organic carbon (TOC)	µg/L	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/L	-	-	-	-	-
Total Petroleum Hydrocarbons - Non-Polar Material - SGT HEM	µg/L	-	-	-	-	-
Total solids	µg/L	-	-	-	-	-
Total suspended solids (TSS)	µg/L	-	-	-	-	-
Field Parameters						
Conductivity, field	mS/cm	-	-	-	-	3.39
Dissolved oxygen (DO), field	µg/L	-	-	-	-	3430
Oxidation reduction potential (ORP), field	millivolts	-	-	-	-	68
pH, field	s.u.	6.5-8.5	-	-	-	6.62
Salinity	%	-	-	-	-	1.1
Temperature, field	deg C	-	-	-	-	6.45
Turbidity	NTU	5	-	-	-	0.9

Notes:

(DT) - Analytical results for total and dissolved metals were originally reversed in the original analytical data package, and have been corrected in this table.

> - Greater than amount reported.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

S - Value determined by the method of standard addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

W - Post-digestion spike out of control limits.

- - Not applicable.

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW17R-07*	*OW21R-07*	*OW21R-07*	*OW21R-07*
Sample ID:			*GW-34084-071311-RR-018*	*GW-34084-011508-SD-003*	*GW-072908-RR-018*	*GW-34084-012009-RR-018*
Sample Date:			*7/13/2011*	*1/15/2008*	*7/29/2008*	*1/20/2009*
Parameter	*Units*	*New York TOGs Table 1*				
Volatiles						
1,1,1-Trichloroethane	µg/L	5	ND (10)	ND (10)	ND (10) UJ	ND (10)
1,1,2,2-Tetrachloroethane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
1,1,2-Trichloroethane	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)
1,1-Dichloroethane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
1,1-Dichloroethene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
1,2,4-Trichlorobenzene	µg/L	5	ND (10) UJ	ND (10)	ND (10) UJ	ND (10)
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	0.04	ND (10)	ND (10)	ND (10) UJ	ND (10)
1,2-Dibromoethane (Ethylene dibromide)	µg/L	0.0006	ND (10)	ND (10)	ND (10)	ND (10)
1,2-Dichlorobenzene	µg/L	3	ND (10)	ND (10)	ND (10)	ND (10)
1,2-Dichloroethane	µg/L	0.6	ND (10)	ND (10)	ND (10) UJ	ND (10)
1,2-Dichloroethene (total)	µg/L	-	-	-	-	-
1,2-Dichloropropane	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)
1,3-Dichlorobenzene	µg/L	3	ND (10)	ND (10)	ND (10)	ND (10)
1,4-Dichlorobenzene	µg/L	3	ND (10)	ND (10)	ND (10)	ND (10)
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	-	ND (10)	ND (10) UJ	ND (10)	ND (10)
2-Hexanone	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Acetone	µg/L	-	ND (10)	4 J	8 J	ND (10) U
Benzene	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)
Bromodichloromethane	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Bromoform	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Bromomethane (Methyl bromide)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Carbon disulfide	µg/L	60	ND (10)	ND (10)	ND (10) UJ	ND (10)
Carbon tetrachloride	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Chlorobenzene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Chloroethane	µg/L	5	ND (10) UJ	ND (10)	ND (10)	ND (10)
Chloroform (Trichloromethane)	µg/L	7	ND (10)	ND (10)	ND (10)	ND (10)
Chloromethane (Methyl chloride)	µg/L	5	ND (10) UJ	ND (10)	ND (10)	ND (10)
cis-1,2-Dichloroethene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
cis-1,3-Dichloropropene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Cyclohexane	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Dibromochloromethane	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Dichlorodifluoromethane (CFC-12)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Ethylbenzene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Isopropyl benzene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
m&p-Xylenes	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Methyl acetate	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10) UJ
Methyl cyclohexane	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Methyl tert butyl ether (MTBE)	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Methylene chloride	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
o-Xylene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Styrene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Tetrachloroethene	µg/L	5	ND (10)	ND (10)	ND (10) UJ	ND (10) UJ
Toluene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
trans-1,2-Dichloroethene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
trans-1,3-Dichloropropene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Trichloroethene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Trichlorofluoromethane (CFC-11)	µg/L	5	ND (10) UJ	ND (10)	ND (10) UJ	ND (10)
Trifluorotrichloroethane (Freon 113)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Vinyl chloride	µg/L	2	ND (10)	ND (10)	ND (10)	ND (10)
Xylenes (total)	µg/L	-	-	-	-	-
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg/L	5	-	-	-	-
1,2-Dichlorobenzene	µg/L	3	-	-	-	-
1,3-Dichlorobenzene	µg/L	3	-	-	-	-
1,4-Dichlorobenzene	µg/L	3	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)

ANALYTICAL RESULTS SUMMARY
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Sample Location:			*OW17R-07*	*OW21R-07*	*OW21R-07*	*OW21R-07*
Sample ID:			*GW-34084-071311-RR-018*	*GW-34084-011508-SD-003*	*GW-072908-RR-018*	*GW-34084-012009-RR-018*
Sample Date:			*7/13/2011*	*1/15/2008*	*7/29/2008*	*1/20/2009*
Parameter	*Units*	*New York TOGs Table 1*				
2,4,5-Trichlorophenol	µg/L	-	ND (25)	ND (25)	ND (25)	ND (25)
2,4,6-Trichlorophenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2,4-Dichlorophenol	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
2,4-Dimethylphenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2,4-Dinitrophenol	µg/L	-	ND (25)	ND (25)	ND (25)	ND (25) UJ
2,4-Dinitrotoluene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
2,6-Dinitrotoluene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
2-Chloronaphthalene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2-Chlorophenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2-Methylnaphthalene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2-Methylphenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2-Nitroaniline	µg/L	5	ND (25)	ND (25)	ND (25)	ND (25)
2-Nitrophenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
3,3'-Dichlorobenzidine	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
3-Nitroaniline	µg/L	5	ND (25)	ND (25)	ND (25)	ND (25)
4,6-Dinitro-2-methylphenol	µg/L	-	ND (25)	ND (25)	ND (25)	ND (25)
4-Bromophenyl phenyl ether	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
4-Chloro-3-methylphenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
4-Chloroaniline	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
4-Chlorophenyl phenyl ether	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
4-Methylphenol	µg/L	-	ND (10) UJ	ND (10)	ND (10) UJ	ND (10) UJ
4-Nitroaniline	µg/L	5	ND (25)	ND (25)	ND (25)	ND (25)
4-Nitrophenol	µg/L	-	ND (25)	ND (25)	ND (25)	ND (25)
Acenaphthene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Acenaphthylene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Acetophenone	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Anthracene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Atrazine	µg/L	7.5	ND (10)	ND (10) UJ	ND (10)	ND (10) UJ
Benzaldehyde	µg/L	-	ND (10) UJ	ND (10) UJ	ND (10) UJ	ND (10) UJ
Benzo(a)anthracene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Benzo(a)pyrene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Benzo(b)fluoranthene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10) UJ
Benzo(g,h,i)perylene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Benzo(k)fluoranthene	µg/L	-	ND (10)	ND (10) UJ	ND (10)	ND (10)
Biphenyl (1,1-Biphenyl)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
bis(2-Chloroethoxy)methane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
bis(2-Chloroethyl)ether	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Butyl benzylphthalate (BBP)	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Caprolactam	µg/L	-	ND (10) UJ	ND (10)	ND (10)	ND (10) UJ
Carbazole	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Chrysene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Dibenz(a,h)anthracene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Dibenz(a,j)acridine	µg/L	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/L	-	-	-	-	-
Dibenzofuran	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Diethyl phthalate	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Dimethyl phthalate	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Di-n-butylphthalate (DBP)	µg/L	50	ND (10)	ND (10)	ND (10)	ND (10)
Di-n-octyl phthalate (DnOP)	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Fluoranthene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Fluorene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Hexachlorobenzene	µg/L	0.04	ND (10)	ND (10)	ND (10)	ND (10)
Hexachlorobutadiene	µg/L	0.5	ND (10)	ND (10)	ND (10)	ND (10)
Hexachlorocyclopentadiene	µg/L	5	ND (10) UJ	ND (10)	ND (10) UJ	ND (10) UJ
Hexachloroethane	µg/L	5	ND (10)	ND (10) UJ	ND (10)	ND (10)
Indeno(1,2,3-cd)pyrene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Isophorone	µg/L	-	ND (10)	ND (10) UJ	ND (10)	ND (10)
Naphthalene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)

ANALYTICAL RESULTS SUMMARY
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Sample Location:			*OW17R-07*	*OW21R-07*	*OW21R-07*	*OW21R-07*
Sample ID:			*GW-34084-071311-RR-018*	*GW-34084-011508-SD-003*	*GW-072908-RR-018*	*GW-34084-012009-RR-018*
Sample Date:			*7/13/2011*	*1/15/2008*	*7/29/2008*	*1/20/2009*
Parameter	*Units*	*New York TOGs Table 1*				
Nitrobenzene	µg/L	0.4	ND (10)	ND (10)	ND (10)	ND (10)
N-Nitrosodi-n-propylamine	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
N-Nitrosodiphenylamine	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Pentachlorophenol	µg/L	1	ND (25)	ND (25)	ND (25)	ND (25)
Phenanthrene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Phenol	µg/L	1	ND (10)	ND (10)	ND (10)	1 J
Pyrene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Metals						
Aluminum	µg/L	-	ND (118) U	179	161	ND (359) U
Aluminum (dissolved)	µg/L	-	ND (73.7) U	ND (34.3) U	ND (7.5)	ND (82.3) U
Antimony	µg/L	3	ND (2.1)	**17.3**	ND (4.4)	ND (2.3)
Antimony (dissolved)	µg/L	3	ND (2.1)	**14.5**	ND (4.4)	ND (2.5) U
Arsenic	µg/L	25	**1490**	4.4	21.4	19.1
Arsenic (dissolved)	µg/L	25	**1470**	1.8	13.7	17.8
Barium	µg/L	1000	12.0	52.7	76.3	51.6
Barium (dissolved)	µg/L	1000	12.4	49.4	ND (68.5) U	49.7
Beryllium	µg/L	-	ND (0.56) U	ND (0.18)	ND (0.10)	ND (0.096)
Beryllium (dissolved)	µg/L	-	ND (0.55) U	ND (0.18)	ND (0.10)	ND (0.24) U
Cadmium	µg/L	5	1.4	**13.4**	ND (1.2) U	1.6
Cadmium (dissolved)	µg/L	5	1.7	**12.8**	ND (0.27)	1.2
Calcium	µg/L	-	292000	131000	73500	61600
Calcium (dissolved)	µg/L	-	311000	129000	ND (69300) U	59600
Chromium	µg/L	50	ND (1.5) U	ND (1.5) U	1.6	1.4
Chromium Total (dissolved)	µg/L	50	ND (0.85) U	ND (0.57)	ND (0.75)	0.67
Chromium VI (hexavalent)	µg/L	50	-	-	-	-
Chromium VI (hexavalent) (dissolved)	µg/L	50	-	-	-	-
Cobalt	µg/L	-	14.5	55.0	6.4	6.0
Cobalt (dissolved)	µg/L	-	14.1	52.5	4.9	4.8
Copper	µg/L	200	**220**	**902**	184	165
Copper (dissolved)	µg/L	200	**208**	**554**	ND (5.2) U	53.9
Iron	µg/L	300	**49700**	**1180**	**1810**	**661**
Iron (dissolved)	µg/L	300	**52000**	ND (24.8) U	ND (1100) U	78.1
Lead	µg/L	25	11.7	**26.9**	17.7	9.0
Lead (dissolved)	µg/L	25	14.0	ND (1.4)	ND (2.3)	ND (1.3)
Magnesium	µg/L	-	39200	61200	31100	23800
Magnesium (dissolved)	µg/L	-	43000	60600	ND (28400) U	24000
Manganese	µg/L	300	**1510**	**519**	179	140
Manganese (dissolved)	µg/L	300	**1500**	**509**	160	124
Mercury	µg/L	0.7	ND (0.10)	0.14	ND (0.13)	ND (0.10)
Mercury (dissolved)	µg/L	0.7	ND (0.10)	ND (0.10)	ND (0.13)	ND (0.13)
Nickel	µg/L	100	41.7	**209**	26.0	22.3
Nickel (dissolved)	µg/L	100	41.6	**207**	20.9	22.0
Potassium	µg/L	-	76100 J	46700 J	47900 J	31200
Potassium (dissolved)	µg/L	-	72600 J	46200	43700 J	32500 J
Selenium	µg/L	10	ND (2.6)	**24.7**	ND (4.3)	ND (1.9)
Selenium (dissolved)	µg/L	10	ND (3.9) U	**21.2 J**	ND (4.3)	ND (1.9)
Silver	µg/L	50	ND (0.96) UJ	0.61	ND (0.89)	ND (0.73) U
Silver (dissolved)	µg/L	50	ND (0.52) UJ	ND (0.41)	ND (0.89)	ND (0.54)
Sodium	µg/L	20000	**403000**	**58300**	**77500**	**51300**
Sodium (dissolved)	µg/L	20000	**394000**	**57600**	ND (73100) U	**51900**
Thallium	µg/L	-	ND (2.7)	ND (2.3)	ND (2.5)	ND (1.9)
Thallium (dissolved)	µg/L	-	ND (2.7)	ND (2.3)	ND (2.5)	ND (1.9)
Vanadium	µg/L	-	2.2	1.2	4.8	4.1
Vanadium (dissolved)	µg/L	-	ND (2.6) U	ND (0.89)	3.3	3.3
Zinc	µg/L	-	ND (105) U	1820	177	182
Zinc (dissolved)	µg/L	-	112	1730	ND (95.1) U	131

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Sample Location:			*OW17R-07*	*OW21R-07*	*OW21R-07*	*OW21R-07*
Sample ID:			*GW-34084-071311-RR-018*	*GW-34084-011508-SD-003*	*GW-072908-RR-018*	*GW-34084-012009-RR-018*
Sample Date:			*7/13/2011*	*1/15/2008*	*7/29/2008*	*1/20/2009*
Parameter	*Units*	*New York TOGs Table 1*				
PCBs						
Aroclor-1016 (PCB-1016)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Aroclor-1221 (PCB-1221)	µg/L	-	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Aroclor-1232 (PCB-1232)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Aroclor-1242 (PCB-1242)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Aroclor-1248 (PCB-1248)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Aroclor-1254 (PCB-1254)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Aroclor-1260 (PCB-1260)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Total PCBs	µg/L	-	ND	ND	ND	ND
Pesticides						
4,4'-DDD	µg/L	0.3	-	-	-	-
4,4'-DDE	µg/L	0.2	-	-	-	-
4,4'-DDT	µg/L	0.2	-	-	-	-
Aldrin	µg/L	-	-	-	-	-
alpha-BHC	µg/L	0.01	-	-	-	-
alpha-Chlordane	µg/L	-	-	-	-	-
beta-BHC	µg/L	0.04	-	-	-	-
delta-BHC	µg/L	0.04	-	-	-	-
Dieldrin	µg/L	0.004	-	-	-	-
Endosulfan I	µg/L	-	-	-	-	-
Endosulfan II	µg/L	-	-	-	-	-
Endosulfan sulfate	µg/L	-	-	-	-	-
Endrin	µg/L	-	-	-	-	-
Endrin aldehyde	µg/L	5	-	-	-	-
Endrin ketone	µg/L	5	-	-	-	-
gamma-BHC (lindane)	µg/L	0.05	-	-	-	-
gamma-Chlordane	µg/L	-	-	-	-	-
Heptachlor	µg/L	0.04	-	-	-	-
Heptachlor epoxide	µg/L	0.03	-	-	-	-
Methoxychlor	µg/L	35	-	-	-	-
Toxaphene	µg/L	0.06	-	-	-	-
General Chemistry						
Alkalinity, total (as CaCO3)	µg/L	-	-	-	-	-
Ammonia-N	µg/L	-	-	-	-	-
Biochemical oxygen demand (BOD)	µg/L	-	-	-	-	-
Biochemical oxygen demand (carbonaceous)	µg/L	-	-	-	-	-
Calcium carbonate	µg/L	-	-	-	-	-
Chemical oxygen demand (COD)	µg/L	-	-	-	-	-
Chloride	µg/L	250000	**515000**	56600	67000	39900
Conductivity	µmhos/cm	-	-	-	-	-
Cyanide (amenable)	µg/L	-	-	-	-	-
Cyanide (dissolved)	µg/L	-	-	-	-	-
Cyanide (total)	µg/L	200	-	-	-	-
Ignitability	deg C	-	-	-	-	-
Nitrate (as N)	µg/L	10000	-	-	-	-
Nitrite (as N)	µg/L	1000	-	-	-	-
Nitrite/Nitrate	µg/L	10000	-	-	-	-
Nitrogen	µg/L	-	-	-	-	-
pH	s.u.	6.5-8.5	-	-	-	-
pH (water)	s.u.	6.5-8.5	-	-	-	-
pH corrosivity	s.u.	-	-	-	-	-
Reactive cyanide	µg/L	-	-	-	-	-
Reactive sulfide	µg/L	-	-	-	-	-
Sulfate	µg/L	250000	-	-	-	-
Sulfide	µg/L	-	-	-	-	-
Total dissolved solids (TDS)	µg/L	500000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
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Sample Location:			*OW17R-07*	*OW21R-07*	*OW21R-07*	*OW21R-07*
Sample ID:			*GW-34084-071311-RR-018*	*GW-34084-011508-SD-003*	*GW-072908-RR-018*	*GW-34084-012009-RR-018*
Sample Date:			*7/13/2011*	*1/15/2008*	*7/29/2008*	*1/20/2009*
Parameter	*Units*	*New York TOGs Table 1*				
Total kjeldahl nitrogen (TKN)	µg/L	-	-	-	-	-
Total organic carbon (TOC)	µg/L	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/L	-	-	-	-	-
Total Petroleum Hydrocarbons - Non-Polar Material - SGT HEM	µg/L	-	-	-	-	-
Total solids	µg/L	-	-	-	-	-
Total suspended solids (TSS)	µg/L	-	-	-	-	-
Field Parameters						
Conductivity, field	mS/cm	-	3.65	-	-	-
Dissolved oxygen (DO), field	µg/L	-	750	-	-	-
Oxidation reduction potential (ORP), field	millivolts	-	0	-	-	-
pH, field	s.u.	6.5-8.5	**4.98**	-	-	-
Salinity	%	-	0.2	-	-	-
Temperature, field	deg C	-	22.08	-	-	-
Turbidity	NTU	5	**10.89**	-	-	-

Notes:

(DT) - Analytical results for total and dissolved metals were originally reversed in the original analytical data package, and have been corrected in this table.

> - Greater than amount reported.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

S - Value determined by the method of standard addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

W - Post-digestion spike out of control limits.

- - Not applicable.

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW21R-07*	*OW21R-07*	*OW21R-07*	*OW21R-07*
Sample ID:			*GW-34084-072209-SD-010*	*GW-34084-012510-RR-039*	*GW-34084-072110-RR-014*	*GW-34084-032411-RR-050*
Sample Date:			*7/22/2009*	*1/25/2010*	*7/21/2010*	*3/24/2011*
Parameter	*Units*	*New York TOGs Table 1*				
Volatiles						
1,1,1-Trichloroethane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
1,1,2,2-Tetrachloroethane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
1,1,2-Trichloroethane	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)
1,1-Dichloroethane	µg/L	5	1 J	2 J	2 J	2 J
1,1-Dichloroethene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
1,2,4-Trichlorobenzene	µg/L	5	ND (10) UJ	ND (10)	ND (10)	ND (10) UJ
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	0.04	ND (10)	ND (10) UJ	ND (10)	ND (10)
1,2-Dibromoethane (Ethylene dibromide)	µg/L	0.0006	ND (10)	ND (10)	ND (10)	ND (10)
1,2-Dichlorobenzene	µg/L	3	ND (10)	ND (10)	ND (10)	ND (10)
1,2-Dichloroethane	µg/L	0.6	ND (10)	ND (10)	ND (10)	ND (10)
1,2-Dichloroethene (total)	µg/L	-	-	-	-	-
1,2-Dichloropropane	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)
1,3-Dichlorobenzene	µg/L	3	ND (10)	ND (10)	ND (10)	ND (10)
1,4-Dichlorobenzene	µg/L	3	ND (10)	ND (10)	ND (10)	ND (10)
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	-	ND (10)	ND (10)	3 J	ND (10)
2-Hexanone	µg/L	-	ND (10) UJ	ND (10)	ND (10) UJ	ND (10)
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	-	ND (10)	ND (10)	ND (10) UJ	ND (10)
Acetone	µg/L	-	ND (10) U	3 J	22	ND (10) UJ
Benzene	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)
Bromodichloromethane	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Bromoform	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Bromomethane (Methyl bromide)	µg/L	5	ND (10)	ND (10)	ND (10) UJ	ND (10) UJ
Carbon disulfide	µg/L	60	ND (10)	ND (10)	ND (10)	ND (10)
Carbon tetrachloride	µg/L	5	ND (10)	ND (10) UJ	ND (10)	ND (10) UJ
Chlorobenzene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Chloroethane	µg/L	5	ND (10)	ND (10)	ND (10) UJ	ND (10)
Chloroform (Trichloromethane)	µg/L	7	ND (10)	ND (10)	2 J	3 J
Chloromethane (Methyl chloride)	µg/L	5	ND (10)	ND (10)	ND (10) UJ	ND (10) UJ
cis-1,2-Dichloroethene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
cis-1,3-Dichloropropene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Cyclohexane	µg/L	-	ND (10)	ND (10) UJ	ND (10)	ND (10)
Dibromochloromethane	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Dichlorodifluoromethane (CFC-12)	µg/L	5	ND (10)	ND (10)	ND (10) UJ	ND (10) UJ
Ethylbenzene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Isopropyl benzene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
m&p-Xylenes	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Methyl acetate	µg/L	-	ND (10)	ND (10)	ND (10) UJ	ND (10)
Methyl cyclohexane	µg/L	-	ND (10)	ND (10) UJ	ND (10)	ND (10)
Methyl tert butyl ether (MTBE)	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Methylene chloride	µg/L	5	ND (10)	ND (10) UJ	ND (10) UJ	ND (10)
o-Xylene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Styrene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Tetrachloroethene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Toluene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
trans-1,2-Dichloroethene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
trans-1,3-Dichloropropene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Trichloroethene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Trichlorofluoromethane (CFC-11)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10) UJ
Trifluorotrichloroethane (Freon 113)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Vinyl chloride	µg/L	2	ND (10)	ND (10)	ND (10)	ND (10)
Xylenes (total)	µg/L	-	-	-	-	-
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg/L	5	-	-	-	-
1,2-Dichlorobenzene	µg/L	3	-	-	-	-
1,3-Dichlorobenzene	µg/L	3	-	-	-	-
1,4-Dichlorobenzene	µg/L	3	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW21R-07*	*OW21R-07*	*OW21R-07*	*OW21R-07*
Sample ID:			*GW-34084-072209-SD-010*	*GW-34084-012510-RR-039*	*GW-34084-072110-RR-014*	*GW-34084-032411-RR-050*
Sample Date:			*7/22/2009*	*1/25/2010*	*7/21/2010*	*3/24/2011*
Parameter	*Units*	*New York TOGs Table 1*				
2,4,5-Trichlorophenol	µg/L	-	ND (25)	ND (25)	ND (25)	ND (25)
2,4,6-Trichlorophenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2,4-Dichlorophenol	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
2,4-Dimethylphenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2,4-Dinitrophenol	µg/L	-	ND (25)	ND (25) UJ	ND (25)	ND (25)
2,4-Dinitrotoluene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
2,6-Dinitrotoluene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
2-Chloronaphthalene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2-Chlorophenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2-Methylnaphthalene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2-Methylphenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2-Nitroaniline	µg/L	5	ND (25)	ND (25)	ND (25)	ND (25)
2-Nitrophenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
3,3'-Dichlorobenzidine	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
3-Nitroaniline	µg/L	5	ND (25)	ND (25)	ND (25)	ND (25)
4,6-Dinitro-2-methylphenol	µg/L	-	ND (25)	ND (25)	ND (25)	ND (25)
4-Bromophenyl phenyl ether	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
4-Chloro-3-methylphenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
4-Chloroaniline	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
4-Chlorophenyl phenyl ether	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
4-Methylphenol	µg/L	-	ND (10) UJ	ND (10) UJ	ND (10) UJ	ND (10) UJ
4-Nitroaniline	µg/L	5	ND (25)	ND (25)	ND (25)	ND (25)
4-Nitrophenol	µg/L	-	ND (25) UJ	ND (25) UJ	ND (25)	ND (25)
Acenaphthene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Acenaphthylene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Acetophenone	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Anthracene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Atrazine	µg/L	7.5	ND (10)	ND (10)	ND (10)	ND (10)
Benzaldehyde	µg/L	-	ND (10) UJ	ND (10) UJ	ND (10) UJ	ND (10) UJ
Benzo(a)anthracene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Benzo(a)pyrene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Benzo(b)fluoranthene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Benzo(g,h,i)perylene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Benzo(k)fluoranthene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Biphenyl (1,1-Biphenyl)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
bis(2-Chloroethoxy)methane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
bis(2-Chloroethyl)ether	µg/L	1	ND (10) UJ	ND (10)	ND (10)	ND (10)
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Butyl benzylphthalate (BBP)	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Caprolactam	µg/L	-	ND (10) UJ	ND (10) UJ	ND (10) UJ	ND (10)
Carbazole	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Chrysene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Dibenz(a,h)anthracene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Dibenz(a,j)acridine	µg/L	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/L	-	-	-	-	-
Dibenzofuran	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Diethyl phthalate	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Dimethyl phthalate	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Di-n-butylphthalate (DBP)	µg/L	50	ND (10)	ND (10)	ND (10)	ND (10)
Di-n-octyl phthalate (DnOP)	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Fluoranthene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Fluorene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Hexachlorobenzene	µg/L	0.04	ND (10)	ND (10)	ND (10)	ND (10)
Hexachlorobutadiene	µg/L	0.5	ND (10)	ND (10)	ND (10)	ND (10)
Hexachlorocyclopentadiene	µg/L	5	ND (10) UJ	ND (10) UJ	ND (10) U	ND (10)
Hexachloroethane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Indeno(1,2,3-cd)pyrene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Isophorone	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Naphthalene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW21R-07*	*OW21R-07*	*OW21R-07*	*OW21R-07*
Sample ID:			*GW-34084-072209-SD-010*	*GW-34084-012510-RR-039*	*GW-34084-072110-RR-014*	*GW-34084-032411-RR-050*
Sample Date:			*7/22/2009*	*1/25/2010*	*7/21/2010*	*3/24/2011*
Parameter	*Units*	*New York TOGs Table 1*				
Nitrobenzene	µg/L	0.4	ND (10)	ND (10)	ND (10)	ND (10)
N-Nitrosodi-n-propylamine	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
N-Nitrosodiphenylamine	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Pentachlorophenol	µg/L	1	ND (25)	ND (25)	ND (25)	ND (25)
Phenanthrene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Phenol	µg/L	1	ND (10)	ND (10)	**10**	ND (10)
Pyrene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Metals						
Aluminum	µg/L	-	1290	1260	847	547
Aluminum (dissolved)	µg/L	-	283 J	438	88.5	429
Antimony	µg/L	3	**15.9**	**12.9**	**46.9**	**18.9 J**
Antimony (dissolved)	µg/L	3	**14.7 J**	**11.6**	**47.9**	**20.5 J**
Arsenic	µg/L	25	**68.3**	**39.3**	**62.6 J**	**47.5**
Arsenic (dissolved)	µg/L	25	**64.6 J**	**38.9**	**58.9 J**	**44.0**
Barium	µg/L	1000	61.2	31.3	33.0	31.0 J
Barium (dissolved)	µg/L	1000	49.3 J	21.6	21.2	28.6 J
Beryllium	µg/L	-	ND (0.13)	ND (0.26)	ND (0.64) U	0.97 J
Beryllium (dissolved)	µg/L	-	ND (0.13) UJ	ND (0.26)	ND (0.52) U	ND (0.24) U
Cadmium	µg/L	5	2.6	ND (0.86) U	ND (1.5) U	0.72 J
Cadmium (dissolved)	µg/L	5	0.50 J	ND (0.34)	ND (0.33)	ND (0.27)
Calcium	µg/L	-	59400	52000	45800	62900
Calcium (dissolved)	µg/L	-	58900 J	52200	45400	61900
Chromium	µg/L	50	ND (4.2) U	7.1	5.3	3.6 J
Chromium Total (dissolved)	µg/L	50	ND (2.0) UJ	4.0	ND (2.3)	1.7 J
Chromium VI (hexavalent)	µg/L	50	-	-	-	-
Chromium VI (hexavalent) (dissolved)	µg/L	50	-	-	-	-
Cobalt	µg/L	-	5.3	3.0	3.8	0.69 J
Cobalt (dissolved)	µg/L	-	1.8 J	ND (1.2)	ND (1.4)	ND (0.49)
Copper	µg/L	200	**418**	172	**613**	103
Copper (dissolved)	µg/L	200	90.3 J	28.7	82.2	23.4 J
Iron	µg/L	300	**2240**	**1580**	**1570**	213
Iron (dissolved)	µg/L	300	298 J	61.1	ND (34.8) U	20.5 J
Lead	µg/L	25	**59.0**	21.6	**39.2**	4.5
Lead (dissolved)	µg/L	25	21.5 J	ND (1.8)	1.8	ND (1.5)
Magnesium	µg/L	-	7700	1390	663	343 J
Magnesium (dissolved)	µg/L	-	7220 J	1130	322	376 J
Manganese	µg/L	300	63.6	26.0	19.4	3.3 J
Manganese (dissolved)	µg/L	300	39.4 J	2.7	ND (1.3) U	0.50 J
Mercury	µg/L	0.7	0.35	0.14	0.36	ND (0.10)
Mercury (dissolved)	µg/L	0.7	ND (0.10) UJ	ND (0.10)	ND (0.10)	ND (0.10)
Nickel	µg/L	100	20.4	7.7	ND (14.9) U	3.3 J
Nickel (dissolved)	µg/L	100	ND (10.8) UJ	3.4	ND (7.1) U	2.0 J
Potassium	µg/L	-	35000	21300	21800	20700
Potassium (dissolved)	µg/L	-	34400 J	20700	21700	20300 J
Selenium	µg/L	10	**14.1 J**	**25.2**	**21.0**	**17.9**
Selenium (dissolved)	µg/L	10	9.8 J	**24.2**	ND (18.9) U	**15.2 J**
Silver	µg/L	50	1.4	ND (0.83)	ND (1.8) U	1.0 J
Silver (dissolved)	µg/L	50	ND (0.33) UJ	ND (0.83)	ND (0.52) U	0.63 J
Sodium	µg/L	20000	**46900**	**38700**	**34600**	**68900**
Sodium (dissolved)	µg/L	20000	**43800 J**	**38200**	**34900**	**68300**
Thallium	µg/L	-	ND (3.9)	ND (3.2)	ND (3.0)	ND (2.7)
Thallium (dissolved)	µg/L	-	ND (3.9) UJ	ND (3.2)	ND (3.0)	ND (2.7)
Vanadium	µg/L	-	10.6	19.2	37.0	50.2
Vanadium (dissolved)	µg/L	-	7.6 J	16.9	35.3	50.0 J
Zinc	µg/L	-	284	176	220	31.9
Zinc (dissolved)	µg/L	-	57.6 J	ND (18.2) U	ND (26.7) U	ND (20.1) U

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW21R-07*	*OW21R-07*	*OW21R-07*	*OW21R-07*
Sample ID:			*GW-34084-072209-SD-010*	*GW-34084-012510-RR-039*	*GW-34084-072110-RR-014*	*GW-34084-032411-RR-050*
Sample Date:			*7/22/2009*	*1/25/2010*	*7/21/2010*	*3/24/2011*
Parameter	*Units*	*New York TOGs Table 1*				
PCBs						
Aroclor-1016 (PCB-1016)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0)	ND (0.10)
Aroclor-1221 (PCB-1221)	µg/L	-	ND (2.0)	ND (2.0)	ND (2.0)	ND (0.20)
Aroclor-1232 (PCB-1232)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0)	ND (0.10)
Aroclor-1242 (PCB-1242)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0)	ND (0.10)
Aroclor-1248 (PCB-1248)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0)	ND (0.10)
Aroclor-1254 (PCB-1254)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0)	ND (0.10)
Aroclor-1260 (PCB-1260)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0)	ND (0.10)
Total PCBs	µg/L	-	ND	ND	ND	ND
Pesticides						
4,4'-DDD	µg/L	0.3	-	-	-	-
4,4'-DDE	µg/L	0.2	-	-	-	-
4,4'-DDT	µg/L	0.2	-	-	-	-
Aldrin	µg/L	-	-	-	-	-
alpha-BHC	µg/L	0.01	-	-	-	-
alpha-Chlordane	µg/L	-	-	-	-	-
beta-BHC	µg/L	0.04	-	-	-	-
delta-BHC	µg/L	0.04	-	-	-	-
Dieldrin	µg/L	0.004	-	-	-	-
Endosulfan I	µg/L	-	-	-	-	-
Endosulfan II	µg/L	-	-	-	-	-
Endosulfan sulfate	µg/L	-	-	-	-	-
Endrin	µg/L	-	-	-	-	-
Endrin aldehyde	µg/L	5	-	-	-	-
Endrin ketone	µg/L	5	-	-	-	-
gamma-BHC (lindane)	µg/L	0.05	-	-	-	-
gamma-Chlordane	µg/L	-	-	-	-	-
Heptachlor	µg/L	0.04	-	-	-	-
Heptachlor epoxide	µg/L	0.03	-	-	-	-
Methoxychlor	µg/L	35	-	-	-	-
Toxaphene	µg/L	0.06	-	-	-	-
General Chemistry						
Alkalinity, total (as CaCO3)	µg/L	-	-	-	-	-
Ammonia-N	µg/L	-	-	-	-	-
Biochemical oxygen demand (BOD)	µg/L	-	-	-	-	-
Biochemical oxygen demand (carbonaceous)	µg/L	-	-	-	-	-
Calcium carbonate	µg/L	-	-	-	-	-
Chemical oxygen demand (COD)	µg/L	-	-	-	-	-
Chloride	µg/L	250000	45300	47600	37500	115000
Conductivity	µmhos/cm	-	-	-	-	-
Cyanide (amenable)	µg/L	-	-	-	-	-
Cyanide (dissolved)	µg/L	-	-	-	-	-
Cyanide (total)	µg/L	200	-	-	-	-
Ignitability	deg C	-	-	-	-	-
Nitrate (as N)	µg/L	10000	-	-	-	-
Nitrite (as N)	µg/L	1000	-	-	-	-
Nitrite/Nitrate	µg/L	10000	-	-	-	-
Nitrogen	µg/L	-	-	-	-	-
pH	s.u.	6.5-8.5	-	-	-	-
pH (water)	s.u.	6.5-8.5	-	-	-	-
pH corrosivity	s.u.	-	-	-	-	-
Reactive cyanide	µg/L	-	-	-	-	-
Reactive sulfide	µg/L	-	-	-	-	-
Sulfate	µg/L	250000	-	-	-	-
Sulfide	µg/L	-	-	-	-	-
Total dissolved solids (TDS)	µg/L	500000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW21R-07*	*OW21R-07*	*OW21R-07*	*OW21R-07*
Sample ID:			*GW-34084-072209-SD-010*	*GW-34084-012510-RR-039*	*GW-34084-072110-RR-014*	*GW-34084-032411-RR-050*
Sample Date:			*7/22/2009*	*1/25/2010*	*7/21/2010*	*3/24/2011*
Parameter	*Units*	*New York TOGs Table 1*				
Total kjeldahl nitrogen (TKN)	µg/L	-	-	-	-	-
Total organic carbon (TOC)	µg/L	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/L	-	-	-	-	-
Total Petroleum Hydrocarbons - Non-Polar Material - SGT HEM	µg/L	-	-	-	-	-
Total solids	µg/L	-	-	-	-	-
Total suspended solids (TSS)	µg/L	-	-	-	-	-
Field Parameters						
Conductivity, field	mS/cm	-	-	-	-	1.42
Dissolved oxygen (DO), field	µg/L	-	-	-	-	6000
Oxidation reduction potential (ORP), field	millivolts	-	-	-	-	-141
pH, field	s.u.	6.5-8.5	-	-	-	**10.78**
Salinity	%	-	-	-	-	0
Temperature, field	deg C	-	-	-	-	7.51
Turbidity	NTU	5	-	-	-	0

Notes:

(DT) - Analytical results for total and dissolved metals were originally reversed in the original analytical data package, and have been corrected in this table.

> - Greater than amount reported.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

S - Value determined by the method of standard addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

W - Post-digestion spike out of control limits.

- - Not applicable.

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW21R-07*	*OW25R*	*OW25R*	*OW25R*
Sample ID:			*GW-34084-071211-RR-016*	*GW-34084-011508-RR-002*	*GW-34084-011508-RR-004*	*GW-072208-RR-001*
Sample Date:			*7/12/2011*	*1/15/2008*	*1/15/2008*	*7/22/2008*
		New York			*Duplicate*	
Parameter	*Units*	*TOGs Table 1*				
Volatiles						
1,1,1-Trichloroethane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10) UJ
1,1,2,2-Tetrachloroethane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
1,1,2-Trichloroethane	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)
1,1-Dichloroethane	µg/L	5	2 J	ND (10)	ND (10)	ND (10)
1,1-Dichloroethene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
1,2,4-Trichlorobenzene	µg/L	5	ND (10) UJ	ND (10)	ND (10)	ND (10) UJ
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	0.04	ND (10)	ND (10)	ND (10)	ND (10) UJ
1,2-Dibromoethane (Ethylene dibromide)	µg/L	0.0006	ND (10)	ND (10)	ND (10)	ND (10)
1,2-Dichlorobenzene	µg/L	3	ND (10)	ND (10)	ND (10)	ND (10)
1,2-Dichloroethane	µg/L	0.6	ND (10)	ND (10)	ND (10)	ND (10) UJ
1,2-Dichloroethene (total)	µg/L	-	-	-	-	-
1,2-Dichloropropane	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)
1,3-Dichlorobenzene	µg/L	3	ND (10)	ND (10)	ND (10)	ND (10)
1,4-Dichlorobenzene	µg/L	3	ND (10)	ND (10)	ND (10)	ND (10)
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	-	ND (10)	ND (10) UJ	ND (10) UJ	ND (10)
2-Hexanone	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Acetone	µg/L	-	ND (10) U	ND (10)	ND (10)	ND (10)
Benzene	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)
Bromodichloromethane	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Bromoform	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Bromomethane (Methyl bromide)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Carbon disulfide	µg/L	60	ND (10)	ND (10)	ND (10)	ND (10) UJ
Carbon tetrachloride	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Chlorobenzene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Chloroethane	µg/L	5	ND (10) UJ	ND (10)	ND (10)	ND (10)
Chloroform (Trichloromethane)	µg/L	7	2 J	ND (10)	ND (10)	ND (10)
Chloromethane (Methyl chloride)	µg/L	5	ND (10) UJ	ND (10)	ND (10)	ND (10)
cis-1,2-Dichloroethene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
cis-1,3-Dichloropropene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Cyclohexane	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Dibromochloromethane	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Dichlorodifluoromethane (CFC-12)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Ethylbenzene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Isopropyl benzene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
m&p-Xylenes	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Methyl acetate	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Methyl cyclohexane	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Methyl tert butyl ether (MTBE)	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Methylene chloride	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
o-Xylene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Styrene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Tetrachloroethene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10) UJ
Toluene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
trans-1,2-Dichloroethene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
trans-1,3-Dichloropropene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Trichloroethene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Trichlorofluoromethane (CFC-11)	µg/L	5	ND (10) UJ	ND (10)	ND (10)	ND (10) UJ
Trifluorotrichloroethane (Freon 113)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Vinyl chloride	µg/L	2	ND (10)	ND (10)	ND (10)	ND (10)
Xylenes (total)	µg/L	-	-	-	-	-
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg/L	5	-	-	-	-
1,2-Dichlorobenzene	µg/L	3	-	-	-	-
1,3-Dichlorobenzene	µg/L	3	-	-	-	-
1,4-Dichlorobenzene	µg/L	3	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW21R-07*	*OW25R*	*OW25R*	*OW25R*
Sample ID:			*GW-34084-071211-RR-016*	*GW-34084-011508-RR-002*	*GW-34084-011508-RR-004*	*GW-072208-RR-001*
Sample Date:			*7/12/2011*	*1/15/2008*	*1/15/2008*	*7/22/2008*
		New York			*Duplicate*	
Parameter	*Units*	*TOGs Table 1*				
2,4,5-Trichlorophenol	µg/L	-	ND (25)	ND (25)	ND (25)	ND (25)
2,4,6-Trichlorophenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2,4-Dichlorophenol	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
2,4-Dimethylphenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2,4-Dinitrophenol	µg/L	-	ND (25)	ND (25)	ND (25)	ND (25)
2,4-Dinitrotoluene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
2,6-Dinitrotoluene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
2-Chloronaphthalene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2-Chlorophenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2-Methylnaphthalene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2-Methylphenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2-Nitroaniline	µg/L	5	ND (25)	ND (25)	ND (25)	ND (25)
2-Nitrophenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
3,3'-Dichlorobenzidine	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
3-Nitroaniline	µg/L	5	ND (25)	ND (25)	ND (25)	ND (25)
4,6-Dinitro-2-methylphenol	µg/L	-	ND (25)	ND (25)	ND (25)	ND (25)
4-Bromophenyl phenyl ether	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
4-Chloro-3-methylphenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
4-Chloroaniline	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
4-Chlorophenyl phenyl ether	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
4-Methylphenol	µg/L	-	ND (10) UJ	ND (10)	ND (10)	ND (10) UJ
4-Nitroaniline	µg/L	5	ND (25)	ND (25)	ND (25)	ND (25)
4-Nitrophenol	µg/L	-	ND (25)	ND (25)	ND (25)	ND (25)
Acenaphthene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Acenaphthylene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Acetophenone	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Anthracene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Atrazine	µg/L	7.5	ND (10)	ND (10) UJ	ND (10) UJ	ND (10)
Benzaldehyde	µg/L	-	ND (10) UJ	ND (10) UJ	ND (10) UJ	ND (10) UJ
Benzo(a)anthracene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Benzo(a)pyrene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Benzo(b)fluoranthene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Benzo(g,h,i)perylene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Benzo(k)fluoranthene	µg/L	-	ND (10)	ND (10) UJ	ND (10) UJ	ND (10)
Biphenyl (1,1-Biphenyl)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
bis(2-Chloroethoxy)methane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
bis(2-Chloroethyl)ether	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Butyl benzylphthalate (BBP)	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Caprolactam	µg/L	-	ND (10) UJ	ND (10)	ND (10)	ND (10)
Carbazole	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Chrysene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Dibenz(a,h)anthracene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Dibenz(a,j)acridine	µg/L	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/L	-	-	-	-	-
Dibenzofuran	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Diethyl phthalate	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Dimethyl phthalate	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Di-n-butylphthalate (DBP)	µg/L	50	ND (10)	ND (10)	ND (10)	ND (10)
Di-n-octyl phthalate (DnOP)	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Fluoranthene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Fluorene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Hexachlorobenzene	µg/L	0.04	ND (10)	ND (10)	ND (10)	ND (10)
Hexachlorobutadiene	µg/L	0.5	ND (10)	ND (10)	ND (10)	ND (10)
Hexachlorocyclopentadiene	µg/L	5	ND (10) UJ	ND (10)	ND (10)	ND (10) UJ
Hexachloroethane	µg/L	5	ND (10)	ND (10) UJ	ND (10) UJ	ND (10)
Indeno(1,2,3-cd)pyrene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Isophorone	µg/L	-	ND (10)	ND (10) UJ	ND (10) UJ	ND (10)
Naphthalene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW21R-07*	*OW25R*	*OW25R*	*OW25R*
Sample ID:			*GW-34084-071211-RR-016*	*GW-34084-011508-RR-002*	*GW-34084-011508-RR-004*	*GW-072208-RR-001*
Sample Date:			*7/12/2011*	*1/15/2008*	*1/15/2008*	*7/22/2008*
					Duplicate	
Parameter	*Units*	*New York TOGs Table 1*				
Nitrobenzene	µg/L	0.4	ND (10)	ND (10)	ND (10)	ND (10)
N-Nitrosodi-n-propylamine	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
N-Nitrosodiphenylamine	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Pentachlorophenol	µg/L	1	ND (25)	ND (25)	ND (25)	ND (25)
Phenanthrene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Phenol	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)
Pyrene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Metals						
Aluminum	µg/L	-	861	295	218	99.8
Aluminum (dissolved)	µg/L	-	357	ND (54.8) U	ND (34.5) U	7.8
Antimony	µg/L	3	**30.4**	**8.8**	**10.7**	ND (4.4)
Antimony (dissolved)	µg/L	3	**30.8**	**9.6**	**8.1**	ND (4.4)
Arsenic	µg/L	25	**87.0**	8.1	7.2	**105**
Arsenic (dissolved)	µg/L	25	**89.2**	5.6	4.6	**88.8**
Barium	µg/L	1000	34.2	128	132	166
Barium (dissolved)	µg/L	1000	26.8	113	121	158
Beryllium	µg/L	-	ND (0.51) U	ND (0.18)	ND (0.18)	0.41
Beryllium (dissolved)	µg/L	-	ND (0.62) U	ND (0.18)	ND (0.18)	ND (0.55) U
Cadmium	µg/L	5	0.43	**6.8**	**7.3**	2.6
Cadmium (dissolved)	µg/L	5	ND (0.27)	1.3	1.0	0.64
Calcium	µg/L	-	44900	113000	120000	218000
Calcium (dissolved)	µg/L	-	46100	110000	118000	220000
Chromium	µg/L	50	ND (2.8) U	ND (1.7) U	ND (1.1) U	2.0
Chromium Total (dissolved)	µg/L	50	ND (0.91) U	ND (1.1) U	ND (0.57)	0.90
Chromium VI (hexavalent)	µg/L	50	-	-	-	-
Chromium VI (hexavalent) (dissolved)	µg/L	50	-	-	-	-
Cobalt	µg/L	-	ND (2.5) U	14.3	15.8	14.9
Cobalt (dissolved)	µg/L	-	ND (0.49)	14.0	15.8	13.9
Copper	µg/L	200	197	121	111	64.8
Copper (dissolved)	µg/L	200	ND (25.6) U	ND (5.3) U	ND (8.2) U	2.7
Iron	µg/L	300	**886**	**934**	**727**	**5510**
Iron (dissolved)	µg/L	300	ND (55.8) U	ND (24.2)	ND (38.5) U	**4530**
Lead	µg/L	25	16.1	**37.7**	**28.1**	16.9
Lead (dissolved)	µg/L	25	ND (1.5)	ND (1.4)	ND (1.4)	ND (2.3)
Magnesium	µg/L	-	ND (403) U	34800	36700	72000
Magnesium (dissolved)	µg/L	-	ND (273) U	33900	36100	70100
Manganese	µg/L	300	15.8	109	115	248
Manganese (dissolved)	µg/L	300	ND (1.1) U	103	111	249
Mercury	µg/L	0.7	0.11	0.35	0.26	0.42
Mercury (dissolved)	µg/L	0.7	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.13)
Nickel	µg/L	100	8.7	95.7	**104**	71.3
Nickel (dissolved)	µg/L	100	5.5	95.2	**104**	70.5
Potassium	µg/L	-	23200 J	18200 J	19400 J	36600 J
Potassium (dissolved)	µg/L	-	21900 J	17800	18900	35400 J
Selenium	µg/L	10	5.5	**32.8**	**28.5**	ND (4.3)
Selenium (dissolved)	µg/L	10	ND (6.0) U	**33.1 J**	**29.7 J**	ND (4.3)
Silver	µg/L	50	ND (0.99) UJ	ND (0.41)	ND (0.41)	ND (0.89)
Silver (dissolved)	µg/L	50	ND (0.52) UJ	ND (0.41)	ND (0.41)	ND (0.89)
Sodium	µg/L	20000	**45300**	**105000**	**111000**	**171000**
Sodium (dissolved)	µg/L	20000	**43400**	**102000**	**109000**	**170000**
Thallium	µg/L	-	ND (2.7)	ND (2.3)	ND (2.3)	ND (2.5)
Thallium (dissolved)	µg/L	-	ND (2.7)	ND (2.3)	ND (2.3)	ND (2.5)
Vanadium	µg/L	-	56.2	1.8	1.2	ND (2.2)
Vanadium (dissolved)	µg/L	-	54.3	1.1	0.98	ND (2.2)
Zinc	µg/L	-	118	2040	2250	1100
Zinc (dissolved)	µg/L	-	ND (7.0) U	1670	1680	ND (30.2) U

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW21R-07*	*OW25R*	*OW25R*	*OW25R*
Sample ID:			*GW-34084-071211-RR-016*	*GW-34084-011508-RR-002*	*GW-34084-011508-RR-004*	*GW-072208-RR-001*
Sample Date:			*7/12/2011*	*1/15/2008*	*1/15/2008*	*7/22/2008*
		New York			*Duplicate*	
Parameter	*Units*	*TOGs Table 1*				
PCBs						
Aroclor-1016 (PCB-1016)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Aroclor-1221 (PCB-1221)	µg/L	-	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Aroclor-1232 (PCB-1232)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Aroclor-1242 (PCB-1242)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Aroclor-1248 (PCB-1248)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Aroclor-1254 (PCB-1254)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Aroclor-1260 (PCB-1260)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Total PCBs	µg/L	-	ND	ND	ND	ND
Pesticides						
4,4'-DDD	µg/L	0.3	-	-	-	-
4,4'-DDE	µg/L	0.2	-	-	-	-
4,4'-DDT	µg/L	0.2	-	-	-	-
Aldrin	µg/L	-	-	-	-	-
alpha-BHC	µg/L	0.01	-	-	-	-
alpha-Chlordane	µg/L	-	-	-	-	-
beta-BHC	µg/L	0.04	-	-	-	-
delta-BHC	µg/L	0.04	-	-	-	-
Dieldrin	µg/L	0.004	-	-	-	-
Endosulfan I	µg/L	-	-	-	-	-
Endosulfan II	µg/L	-	-	-	-	-
Endosulfan sulfate	µg/L	-	-	-	-	-
Endrin	µg/L	-	-	-	-	-
Endrin aldehyde	µg/L	5	-	-	-	-
Endrin ketone	µg/L	5	-	-	-	-
gamma-BHC (lindane)	µg/L	0.05	-	-	-	-
gamma-Chlordane	µg/L	-	-	-	-	-
Heptachlor	µg/L	0.04	-	-	-	-
Heptachlor epoxide	µg/L	0.03	-	-	-	-
Methoxychlor	µg/L	35	-	-	-	-
Toxaphene	µg/L	0.06	-	-	-	-
General Chemistry						
Alkalinity, total (as CaCO3)	µg/L	-	-	-	-	-
Ammonia-N	µg/L	-	-	-	-	-
Biochemical oxygen demand (BOD)	µg/L	-	-	-	-	-
Biochemical oxygen demand (carbonaceous)	µg/L	-	-	-	-	-
Calcium carbonate	µg/L	-	-	-	-	-
Chemical oxygen demand (COD)	µg/L	-	-	-	-	-
Chloride	µg/L	250000	50800	124000	124000	218000
Conductivity	µmhos/cm	-	-	-	-	-
Cyanide (amenable)	µg/L	-	-	-	-	-
Cyanide (dissolved)	µg/L	-	-	-	-	-
Cyanide (total)	µg/L	200	-	-	-	-
Ignitability	deg C	-	-	-	-	-
Nitrate (as N)	µg/L	10000	-	-	-	-
Nitrite (as N)	µg/L	1000	-	-	-	-
Nitrite/Nitrate	µg/L	10000	-	-	-	-
Nitrogen	µg/L	-	-	-	-	-
pH	s.u.	6.5-8.5	-	-	-	-
pH (water)	s.u.	6.5-8.5	-	-	-	-
pH corrosivity	s.u.	-	-	-	-	-
Reactive cyanide	µg/L	-	-	-	-	-
Reactive sulfide	µg/L	-	-	-	-	-
Sulfate	µg/L	250000	-	-	-	-
Sulfide	µg/L	-	-	-	-	-
Total dissolved solids (TDS)	µg/L	500000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW21R-07*	*OW25R*	*OW25R*	*OW25R*
Sample ID:			*GW-34084-071211-RR-016*	*GW-34084-011508-RR-002*	*GW-34084-011508-RR-004*	*GW-072208-RR-001*
Sample Date:			*7/12/2011*	*1/15/2008*	*1/15/2008*	*7/22/2008*
		New York			*Duplicate*	
Parameter	*Units*	*TOGs Table 1*				
Total kjeldahl nitrogen (TKN)	µg/L	-	-	-	-	-
Total organic carbon (TOC)	µg/L	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/L	-	-	-	-	-
Total Petroleum Hydrocarbons - Non-Polar Material - SGT HEM	µg/L	-	-	-	-	-
Total solids	µg/L	-	-	-	-	-
Total suspended solids (TSS)	µg/L	-	-	-	-	-
Field Parameters						
Conductivity, field	mS/cm	-	0.6	-	-	-
Dissolved oxygen (DO), field	µg/L	-	2830	-	-	-
Oxidation reduction potential (ORP), field	millivolts	-	-42	-	-	-
pH, field	s.u.	6.5-8.5	8.39	-	-	-
Salinity	%	-	0	-	-	-
Temperature, field	deg C	-	28.81	-	-	-
Turbidity	NTU	5	**16.38**	-	-	-

Notes:

(DT) - Analytical results for total and dissolved metals were originally reversed in the original analytical data package, and have been corrected in this table.

> - Greater than amount reported.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

S - Value determined by the method of standard addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

W - Post-digestion spike out of control limits.

- - Not applicable.

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW25R*	*OW25R*	*OW25R*	*OW25R*
Sample ID:			*GW-34084-010809-RR-007*	*GW-34084-071709-SD-006*	*GW-34084-011810-RR-005*	*GW-34084-071510-RR-002*
Sample Date:			*1/8/2009*	*7/17/2009*	*1/18/2010*	*7/15/2010*
Parameter	*Units*	*New York TOGs Table 1*				
Volatiles						
1,1,1-Trichloroethane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
1,1,2,2-Tetrachloroethane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
1,1,2-Trichloroethane	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)
1,1-Dichloroethane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
1,1-Dichloroethene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
1,2,4-Trichlorobenzene	µg/L	5	ND (10)	ND (10) UJ	ND (10)	ND (10)
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	0.04	ND (10)	ND (10)	ND (10)	ND (10)
1,2-Dibromoethane (Ethylene dibromide)	µg/L	0.0006	ND (10)	ND (10)	ND (10)	ND (10)
1,2-Dichlorobenzene	µg/L	3	ND (10)	ND (10)	ND (10)	ND (10)
1,2-Dichloroethane	µg/L	0.6	ND (10)	ND (10)	ND (10)	ND (10)
1,2-Dichloroethene (total)	µg/L	-	-	-	-	-
1,2-Dichloropropane	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)
1,3-Dichlorobenzene	µg/L	3	ND (10)	ND (10)	ND (10)	ND (10)
1,4-Dichlorobenzene	µg/L	3	ND (10)	ND (10)	ND (10)	ND (10)
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2-Hexanone	µg/L	-	ND (10)	ND (10) UJ	ND (10)	ND (10)
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Acetone	µg/L	-	ND (10) U	ND (10) U	ND (10)	ND (10)
Benzene	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)
Bromodichloromethane	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Bromoform	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Bromomethane (Methyl bromide)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Carbon disulfide	µg/L	60	ND (10)	ND (10)	ND (10)	ND (10)
Carbon tetrachloride	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10) UJ
Chlorobenzene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Chloroethane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10) UJ
Chloroform (Trichloromethane)	µg/L	7	ND (10)	ND (10)	ND (10)	ND (10)
Chloromethane (Methyl chloride)	µg/L	5	ND (10)	ND (10)	ND (10) UJ	ND (10) UJ
cis-1,2-Dichloroethene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
cis-1,3-Dichloropropene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Cyclohexane	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Dibromochloromethane	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Dichlorodifluoromethane (CFC-12)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Ethylbenzene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Isopropyl benzene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10) UJ
m&p-Xylenes	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Methyl acetate	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10) UJ
Methyl cyclohexane	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Methyl tert butyl ether (MTBE)	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Methylene chloride	µg/L	5	ND (10)	ND (10)	ND (10) UJ	ND (10) UJ
o-Xylene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Styrene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Tetrachloroethene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Toluene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
trans-1,2-Dichloroethene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
trans-1,3-Dichloropropene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Trichloroethene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Trichlorofluoromethane (CFC-11)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10) UJ
Trifluorotrichloroethane (Freon 113)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Vinyl chloride	µg/L	2	ND (10)	ND (10)	ND (10)	ND (10)
Xylenes (total)	µg/L	-	-	-	-	-
Semi-Volatiles						
1,2,4-Trichlorobenzene	µg/L	5	-	-	-	-
1,2-Dichlorobenzene	µg/L	3	-	-	-	-
1,3-Dichlorobenzene	µg/L	3	-	-	-	-
1,4-Dichlorobenzene	µg/L	3	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW25R*	*OW25R*	*OW25R*	*OW25R*
Sample ID:			*GW-34084-010809-RR-007*	*GW-34084-071709-SD-006*	*GW-34084-011810-RR-005*	*GW-34084-071510-RR-002*
Sample Date:			*1/8/2009*	*7/17/2009*	*1/18/2010*	*7/15/2010*
Parameter	*Units*	*New York TOGs Table 1*				
2,4,5-Trichlorophenol	µg/L	-	ND (25)	ND (25)	ND (25)	ND (25)
2,4,6-Trichlorophenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2,4-Dichlorophenol	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
2,4-Dimethylphenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2,4-Dinitrophenol	µg/L	-	ND (25)	ND (25)	ND (25) UJ	ND (25)
2,4-Dinitrotoluene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
2,6-Dinitrotoluene	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
2-Chloronaphthalene	µg/L	-	ND (10) UJ	ND (10)	ND (10)	ND (10)
2-Chlorophenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2-Methylnaphthalene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2-Methylphenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
2-Nitroaniline	µg/L	5	ND (25)	ND (25)	ND (25)	ND (25)
2-Nitrophenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
3,3'-Dichlorobenzidine	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
3-Nitroaniline	µg/L	5	ND (25)	ND (25)	ND (25)	ND (25)
4,6-Dinitro-2-methylphenol	µg/L	-	ND (25)	ND (25)	ND (25)	ND (25)
4-Bromophenyl phenyl ether	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
4-Chloro-3-methylphenol	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
4-Chloroaniline	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
4-Chlorophenyl phenyl ether	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
4-Methylphenol	µg/L	-	ND (10) UJ	ND (10)	ND (10)	ND (10)
4-Nitroaniline	µg/L	5	ND (25)	ND (25)	ND (25)	ND (25)
4-Nitrophenol	µg/L	-	ND (25)	ND (25)	ND (25) UJ	ND (25)
Acenaphthene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Acenaphthylene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Acetophenone	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Anthracene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Atrazine	µg/L	7.5	ND (10)	ND (10)	ND (10)	ND (10)
Benzaldehyde	µg/L	-	ND (10) UJ	ND (10)	ND (10) UJ	ND (10) UJ
Benzo(a)anthracene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Benzo(a)pyrene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Benzo(b)fluoranthene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Benzo(g,h,i)perylene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Benzo(k)fluoranthene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Biphenyl (1,1-Biphenyl)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
bis(2-Chloroethoxy)methane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
bis(2-Chloroethyl)ether	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Butyl benzylphthalate (BBP)	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Caprolactam	µg/L	-	ND (10) UJ	ND (10) UJ	ND (10)	ND (10)
Carbazole	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Chrysene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Dibenz(a,h)anthracene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Dibenz(a,j)acridine	µg/L	-	-	-	-	-
Dibenzo(a,i)pyrene	µg/L	-	-	-	-	-
Dibenzofuran	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Diethyl phthalate	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Dimethyl phthalate	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Di-n-butylphthalate (DBP)	µg/L	50	ND (10)	ND (10)	ND (10)	ND (10)
Di-n-octyl phthalate (DnOP)	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Fluoranthene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Fluorene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Hexachlorobenzene	µg/L	0.04	ND (10)	ND (10)	ND (10)	ND (10)
Hexachlorobutadiene	µg/L	0.5	ND (10)	ND (10)	ND (10)	ND (10)
Hexachlorocyclopentadiene	µg/L	5	ND (10) UJ	ND (10)	ND (10) UJ	ND (10) UJ
Hexachloroethane	µg/L	5	ND (10)	ND (10)	ND (10)	ND (10)
Indeno(1,2,3-cd)pyrene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Isophorone	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Naphthalene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW25R*	*OW25R*	*OW25R*	*OW25R*
Sample ID:			*GW-34084-010809-RR-007*	*GW-34084-071709-SD-006*	*GW-34084-011810-RR-005*	*GW-34084-071510-RR-002*
Sample Date:			*1/8/2009*	*7/17/2009*	*1/18/2010*	*7/15/2010*
Parameter	*Units*	*New York TOGs Table 1*				
Nitrobenzene	µg/L	0.4	ND (10)	ND (10)	ND (10)	ND (10)
N-Nitrosodi-n-propylamine	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
N-Nitrosodiphenylamine	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Pentachlorophenol	µg/L	1	ND (25)	ND (25)	ND (25)	ND (25)
Phenanthrene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Phenol	µg/L	1	ND (10)	ND (10)	ND (10)	ND (10)
Pyrene	µg/L	-	ND (10)	ND (10)	ND (10)	ND (10)
Metals						
Aluminum	µg/L	-	ND (32.7) U	3770	49.5	ND (9.8) U
Aluminum (dissolved)	µg/L	-	9.7	58.9 J	ND (17.7)	ND (8.0)
Antimony	µg/L	3	ND (7.6) U	**14.3**	ND (6.9) U	ND (2.9)
Antimony (dissolved)	µg/L	3	**7.1**	ND (2.5) UJ	ND (6.7) U	ND (2.9)
Arsenic	µg/L	25	3.1	**460**	5.7	ND (31.1) U
Arsenic (dissolved)	µg/L	25	4.6	**38.8 J**	ND (2.3)	**27.9**
Barium	µg/L	1000	73.9	285	60.2	150
Barium (dissolved)	µg/L	1000	67.8	108 J	57.3	139
Beryllium	µg/L	-	ND (0.14) U	ND (0.30) U	ND (0.26)	ND (0.17)
Beryllium (dissolved)	µg/L	-	ND (0.096)	ND (0.13) UJ	ND (0.26)	ND (0.17)
Cadmium	µg/L	5	**6.8**	**12.6**	**5.6**	5.0
Cadmium (dissolved)	µg/L	5	**6.6**	ND (0.26) UJ	**5.5**	5.0
Calcium	µg/L	-	79700	223000	45600	210000
Calcium (dissolved)	µg/L	-	77000	227000 J	45600	205000
Chromium	µg/L	50	ND (1.6) U	15.5	ND (0.44)	ND (2.3)
Chromium Total (dissolved)	µg/L	50	0.72	ND (1.9) UJ	ND (0.44)	ND (2.3)
Chromium VI (hexavalent)	µg/L	50	-	-	-	-
Chromium VI (hexavalent) (dissolved)	µg/L	50	-	-	-	-
Cobalt	µg/L	-	19.2	20.5	10.0	19.2
Cobalt (dissolved)	µg/L	-	19.5	14.5 J	9.9	20.9
Copper	µg/L	200	189	**1330**	190	108
Copper (dissolved)	µg/L	200	154	ND (5.3) UJ	148	50.4
Iron	µg/L	300	ND (177) U	**32000**	**411**	**1990**
Iron (dissolved)	µg/L	300	ND (33.9) U	**326 J**	ND (14.2) U	**1590**
Lead	µg/L	25	ND (7.0) U	**456**	17.3	7.5
Lead (dissolved)	µg/L	25	ND (1.3)	**28.9 J**	2.9	ND (1.3)
Magnesium	µg/L	-	19900	57000	9470	55100
Magnesium (dissolved)	µg/L	-	22000	56600 J	9430	53100
Manganese	µg/L	300	71.9	**354**	26.8	**356**
Manganese (dissolved)	µg/L	300	68.2	285 J	28.5	**364**
Mercury	µg/L	0.7	ND (0.10)	**4.9**	0.16	**0.77**
Mercury (dissolved)	µg/L	0.7	ND (0.10)	ND (0.10) UJ	ND (0.10)	0.39
Nickel	µg/L	100	**177**	**109**	98.7	90.5
Nickel (dissolved)	µg/L	100	**173**	78.3 J	96.0	96.8
Potassium	µg/L	-	7450 J	28100	3900 J	30600
Potassium (dissolved)	µg/L	-	8360 J	28000 J	3870 J	29000 J
Selenium	µg/L	10	**33.4**	**19.2 J**	**97.2**	ND (7.2) U
Selenium (dissolved)	µg/L	10	**34.2**	ND (5.3) UJ	**92.0**	ND (7.3) U
Silver	µg/L	50	ND (0.54)	1.2	ND (0.83)	ND (0.32)
Silver (dissolved)	µg/L	50	ND (0.54)	ND (0.33) UJ	ND (0.83)	ND (0.32)
Sodium	µg/L	20000	**26700**	**142000**	10400	**127000**
Sodium (dissolved)	µg/L	20000	**51200**	**134000 J**	10200	**117000**
Thallium	µg/L	-	ND (2.2) U	ND (3.9)	ND (3.2)	3.3
Thallium (dissolved)	µg/L	-	ND (1.9)	ND (3.9) UJ	ND (3.2)	ND (3.0)
Vanadium	µg/L	-	ND (0.74)	16.9	ND (1.4)	1.4
Vanadium (dissolved)	µg/L	-	ND (0.74)	ND (0.77) UJ	ND (1.4)	ND (1.1)
Zinc	µg/L	-	3120	3220	2130	1570
Zinc (dissolved)	µg/L	-	3120	580 J	2130	1670

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW25R*	*OW25R*	*OW25R*	*OW25R*
Sample ID:			*GW-34084-010809-RR-007*	*GW-34084-071709-SD-006*	*GW-34084-011810-RR-005*	*GW-34084-071510-RR-002*
Sample Date:			*1/8/2009*	*7/17/2009*	*1/18/2010*	*7/15/2010*
Parameter	*Units*	*New York TOGs Table 1*				
PCBs						
Aroclor-1016 (PCB-1016)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Aroclor-1221 (PCB-1221)	µg/L	-	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Aroclor-1232 (PCB-1232)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Aroclor-1242 (PCB-1242)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Aroclor-1248 (PCB-1248)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Aroclor-1254 (PCB-1254)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Aroclor-1260 (PCB-1260)	µg/L	-	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Total PCBs	µg/L	-	ND	ND	ND	ND
Pesticides						
4,4'-DDD	µg/L	0.3	-	-	-	-
4,4'-DDE	µg/L	0.2	-	-	-	-
4,4'-DDT	µg/L	0.2	-	-	-	-
Aldrin	µg/L	-	-	-	-	-
alpha-BHC	µg/L	0.01	-	-	-	-
alpha-Chlordane	µg/L	-	-	-	-	-
beta-BHC	µg/L	0.04	-	-	-	-
delta-BHC	µg/L	0.04	-	-	-	-
Dieldrin	µg/L	0.004	-	-	-	-
Endosulfan I	µg/L	-	-	-	-	-
Endosulfan II	µg/L	-	-	-	-	-
Endosulfan sulfate	µg/L	-	-	-	-	-
Endrin	µg/L	-	-	-	-	-
Endrin aldehyde	µg/L	5	-	-	-	-
Endrin ketone	µg/L	5	-	-	-	-
gamma-BHC (lindane)	µg/L	0.05	-	-	-	-
gamma-Chlordane	µg/L	-	-	-	-	-
Heptachlor	µg/L	0.04	-	-	-	-
Heptachlor epoxide	µg/L	0.03	-	-	-	-
Methoxychlor	µg/L	35	-	-	-	-
Toxaphene	µg/L	0.06	-	-	-	-
General Chemistry						
Alkalinity, total (as CaCO3)	µg/L	-	-	-	-	-
Ammonia-N	µg/L	-	-	-	-	-
Biochemical oxygen demand (BOD)	µg/L	-	-	-	-	-
Biochemical oxygen demand (carbonaceous)	µg/L	-	-	-	-	-
Calcium carbonate	µg/L	-	-	-	-	-
Chemical oxygen demand (COD)	µg/L	-	-	-	-	-
Chloride	µg/L	250000	34500	131000	12700	133000
Conductivity	µmhos/cm	-	-	-	-	-
Cyanide (amenable)	µg/L	-	-	-	-	-
Cyanide (dissolved)	µg/L	-	-	-	-	-
Cyanide (total)	µg/L	200	-	-	-	-
Ignitability	deg C	-	-	-	-	-
Nitrate (as N)	µg/L	10000	-	-	-	-
Nitrite (as N)	µg/L	1000	-	-	-	-
Nitrite/Nitrate	µg/L	10000	-	-	-	-
Nitrogen	µg/L	-	-	-	-	-
pH	s.u.	6.5-8.5	-	-	-	-
pH (water)	s.u.	6.5-8.5	-	-	-	-
pH corrosivity	s.u.	-	-	-	-	-
Reactive cyanide	µg/L	-	-	-	-	-
Reactive sulfide	µg/L	-	-	-	-	-
Sulfate	µg/L	250000	-	-	-	-
Sulfide	µg/L	-	-	-	-	-
Total dissolved solids (TDS)	µg/L	500000	-	-	-	-

ANALYTICAL RESULTS SUMMARY
GROUNDWATER
LAUREL HILL

Sample Location:			*OW25R*	*OW25R*	*OW25R*	*OW25R*
Sample ID:			*GW-34084-010809-RR-007*	*GW-34084-071709-SD-006*	*GW-34084-011810-RR-005*	*GW-34084-071510-RR-002*
Sample Date:			*1/8/2009*	*7/17/2009*	*1/18/2010*	*7/15/2010*
Parameter	*Units*	*New York TOGs Table 1*				
Total kjeldahl nitrogen (TKN)	µg/L	-	-	-	-	-
Total organic carbon (TOC)	µg/L	-	-	-	-	-
Total Petroleum Hydrocarbons	µg/L	-	-	-	-	-
Total Petroleum Hydrocarbons - Non-Polar Material - SGT HEM	µg/L	-	-	-	-	-
Total solids	µg/L	-	-	-	-	-
Total suspended solids (TSS)	µg/L	-	-	-	-	-
Field Parameters						
Conductivity, field	mS/cm	-	-	-	-	-
Dissolved oxygen (DO), field	µg/L	-	-	-	-	-
Oxidation reduction potential (ORP), field	millivolts	-	-	-	-	-
pH, field	s.u.	6.5-8.5	-	-	-	-
Salinity	%	-	-	-	-	-
Temperature, field	deg C	-	-	-	-	-
Turbidity	NTU	5	-	-	-	-

Notes:

(DT) - Analytical results for total and dissolved metals were originally reversed in the original analytical data package, and have been corrected in this table.

> - Greater than amount reported.

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

E - Reported values is estimated due to the presence of interference.

J - Estimated.

ND - Non-detect at associated value.

P - Diference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

S - Value determined by the method of standard addition.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

W - Post-digestion spike out of control limits.

- - Not applicable.

ATTACHMENT E

SEDIMENT SAMPLE DATA

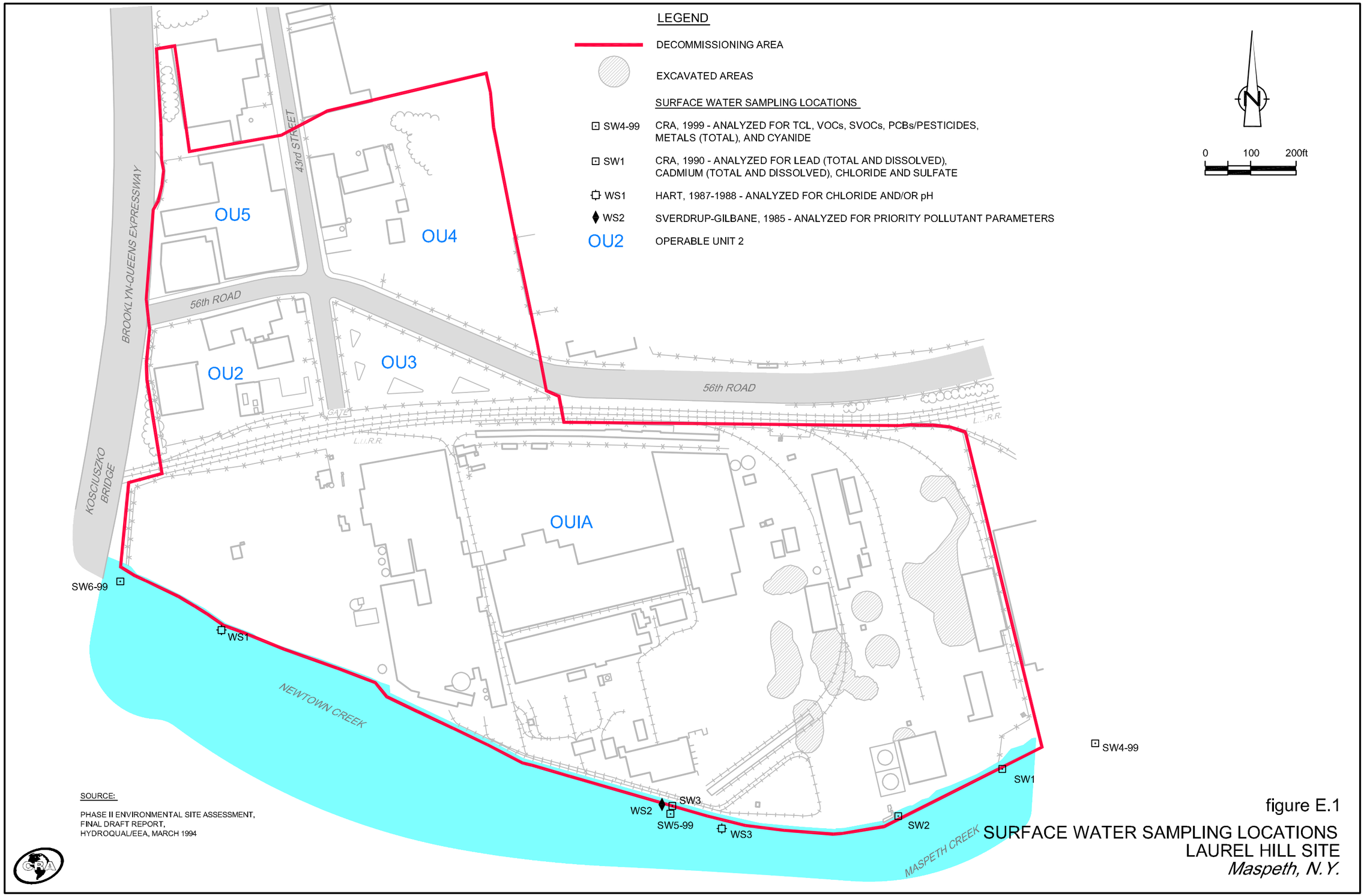


figure E.1

SURFACE WATER SAMPLING LOCATIONS
LAUREL HILL SITE
Maspeth, N.Y.

02939-40(071)GN-WA026 JAN 27/2012

ANALYTICAL RESULTS SUMMARY
SURFACE WATER
LAUREL HILL

Sample Location:									*SW-4H*	*SW-4L*	*SW-5H*	*SW-5L*	*SW-6H*	*SW-6H*	*SW-6L*
Sample ID:									*CN-010*	*CN-014*	*CN-011*	*CN-015*	*CN-012*	*CN-013*	*CN-016*
Sample Date:									*9/27/1999*	*9/27/1999*	*9/27/1999*	*9/27/1999*	*9/27/1999*	*9/27/1999*	*9/27/1999*
														Duplicate	
Parameter	*Units*	*# of Samples*	*# of Detects*	*Min Detect*	*Max Detect*	*Min ND*	*Max ND*	*Max Location*							
Volatiles															
1,1,1-Trichloroethane	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
1,1,2,2-Tetrachloroethane	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
1,1,2-Trichloroethane	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
1,1-Dichloroethane	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
1,1-Dichloroethene	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
1,2-Dichloroethane	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
1,2-Dichloroethene (total)	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
1,2-Dichloropropane	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2-Hexanone	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Acetone	µg/L	7	0	N/A	N/A	ND (10) J	ND (10) J	N/A	ND (10) J	ND (10) J	ND (10) J	ND (10) J	ND (10) J	ND (10) J	ND (10) J
Benzene	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Bromodichloromethane	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Bromoform	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Bromomethane (Methyl bromide)	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Carbon disulfide	µg/L	7	0	N/A	N/A	ND (10) J	ND (10) J	N/A	ND (10) J	ND (10) J	ND (10) J	ND (10) J	ND (10) J	ND (10) J	ND (10) J
Carbon tetrachloride	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Chlorobenzene	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Chloroethane	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Chloroform (Trichloromethane)	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Chloromethane (Methyl chloride)	µg/L	7	0	N/A	N/A	ND (10) J	ND (10) J	N/A	ND (10) J	ND (10) J	ND (10) J	ND (10) J	ND (10) J	ND (10) J	ND (10) J
cis-1,3-Dichloropropene	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Dibromochloromethane	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Ethylbenzene	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Methylene chloride	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Styrene	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Tetrachloroethene	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Toluene	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
trans-1,3-Dichloropropene	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Trichloroethene	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Vinyl chloride	µg/L	7	0	N/A	N/A	ND (10) J	ND (10) J	N/A	ND (10) J	ND (10) J	ND (10) J	ND (10) J	ND (10) J	ND (10) J	ND (10) J
Xylenes (total)	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Semi-Volatiles															
1,2,4-Trichlorobenzene	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
1,2-Dichlorobenzene	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
1,3-Dichlorobenzene	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
1,4-Dichlorobenzene	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2,4,5-Trichlorophenol	µg/L	7	0	N/A	N/A	ND (25)	ND (25)	N/A	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)
2,4,6-Trichlorophenol	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2,4-Dichlorophenol	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2,4-Dimethylphenol	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2,4-Dinitrophenol	µg/L	7	0	N/A	N/A	ND (25)	ND (25)	N/A	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)
2,4-Dinitrotoluene	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2,6-Dinitrotoluene	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2-Chloronaphthalene	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2-Chlorophenol	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2-Methylnaphthalene	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2-Methylphenol	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2-Nitroaniline	µg/L	7	0	N/A	N/A	ND (25)	ND (25)	N/A	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)
2-Nitrophenol	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
3,3'-Dichlorobenzidine	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
3-Nitroaniline	µg/L	7	0	N/A	N/A	ND (25)	ND (25)	N/A	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)
4,6-Dinitro-2-methylphenol	µg/L	7	0	N/A	N/A	ND (25)	ND (25)	N/A	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)
4-Bromophenyl phenyl ether	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
4-Chloro-3-methylphenol	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
4-Chloroaniline	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
4-Chlorophenyl phenyl ether	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
4-Methylphenol	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
4-Nitroaniline	µg/L	7	0	N/A	N/A	ND (25)	ND (25)	N/A	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)
4-Nitrophenol	µg/L	7	0	N/A	N/A	ND (25)	ND (25)	N/A	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)
Acenaphthene	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Acenaphthylene	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Anthracene	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Benzo(a)anthracene	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Benzo(a)pyrene	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)

ANALYTICAL RESULTS SUMMARY
SURFACE WATER
LAUREL HILL

Sample Location:									*SW-4H*	*SW-4L*	*SW-5H*	*SW-5L*	*SW-6H*	*SW-6H*	*SW-6L*
Sample ID:									*CN-010*	*CN-014*	*CN-011*	*CN-015*	*CN-012*	*CN-013*	*CN-016*
Sample Date:									*9/27/1999*	*9/27/1999*	*9/27/1999*	*9/27/1999*	*9/27/1999*	*9/27/1999*	*9/27/1999*
														Duplicate	
Parameter	*Units*	*# of Samples*	*# of Detects*	*Min Detect*	*Max Detect*	*Min ND*	*Max ND*	*Max Location*							
Benzo(b)fluoranthene	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Benzo(g,h,i)perylene	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Benzo(k)fluoranthene	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
bis(2-Chloroethoxy)methane	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
bis(2-Chloroethyl)ether	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	7	4	1 J	23	ND (10)	ND (10)	SW-6L	ND (10)	7 J	ND (10)	7 J	ND (10)	1 J	23
Butyl benzylphthalate (BBP)	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Carbazole	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Chrysene	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Dibenz(a,h)anthracene	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Dibenzofuran	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Diethyl phthalate	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Dimethyl phthalate	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Di-n-butylphthalate (DBP)	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Di-n-octyl phthalate (DnOP)	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Fluoranthene	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Fluorene	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Hexachlorobenzene	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Hexachlorobutadiene	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Hexachlorocyclopentadiene	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Hexachloroethane	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Indeno(1,2,3-cd)pyrene	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Isophorone	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Naphthalene	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Nitrobenzene	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
N-Nitrosodi-n-propylamine	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
N-Nitrosodiphenylamine	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Pentachlorophenol	µg/L	7	0	N/A	N/A	ND (25)	ND (25)	N/A	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)
Phenanthrene	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Phenol	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Pyrene	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Metals															
Aluminum	µg/L	7	6	29.2	56.3	ND (42.4)	ND (42.4)	SW-6L	46.1	46.0	ND (42.4)	29.2	55.1	55.9	56.3
Antimony	µg/L	7	0	N/A	N/A	ND (7.2)	ND (7.2)	N/A	ND (7.2)	ND (7.2)	ND (7.2)	ND (7.2)	ND (7.2)	ND (7.2)	ND (7.2)
Arsenic	µg/L	7	7	4.7	7.9	N/A	N/A	SW-6H	6.4	4.9	4.7	6.8	7.9	5.9	6.9
Barium	µg/L	7	7	27.5	36.6	N/A	N/A	SW-4H	36.6	35.5	28.8	27.5	30.7	31.6	30.8
Beryllium	µg/L	7	7	0.11	0.18	N/A	N/A	SW-4H/SW-6L	0.18	0.12	0.13	0.11	0.13	0.15	0.18
Cadmium	µg/L	7	1	0.46	0.46	ND (0.30)	ND (0.30)	SW-6L	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	0.46
Calcium	µg/L	7	7	222000	254000	N/A	N/A	SW-6H	226000	236000	251000	222000	254000	254000	249000
Chromium	µg/L	7	2	0.9	37.1	ND (0.60)	ND (0.60)	SW-4L	ND (0.60)	37.1	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	0.90
Cobalt	µg/L	7	3	1.4	1.8	ND (1.3)	ND (1.3)	SW-6L	ND (1.3)	ND (1.3)	ND (1.3)	1.4	1.4	ND (1.3)	1.8
Copper	µg/L	7	7	4.8	14.6	N/A	N/A	SW-6L	4.8	7.1	7.4	13.5	6.4	6.0	14.6
Iron	µg/L	7	7	217	334	N/A	N/A	SW-4L	247	334	217	282	248	248	296
Lead	µg/L	7	1	1.5	1.5	ND (1.0)	ND (1.0)	SW-4L	ND (1.0)	1.5	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Magnesium	µg/L	7	7	682000	782000	N/A	N/A	SW-6H	690000	719000	772000	682000	782000	777000	758000
Manganese	µg/L	7	7	80.1	99.6	N/A	N/A	SW-6H	89.0	83.8	88.0	80.1	97.0	99.6	93.3
Mercury	µg/L	7	0	N/A	N/A	ND (0.10)	ND (0.10)	N/A	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
Nickel	µg/L	7	7	2.1	14.3	N/A	N/A	SW-4L	2.9	14.3	2.9	4.4	3.6	2.1	5.1
Potassium	µg/L	7	7	264000 J	316000 J	N/A	N/A	SW-6H	269000 J	281000 J	315000 J	264000 J	316000 J	316000 J	312000 J
Selenium	µg/L	7	0	N/A	N/A	ND (3.7)	ND (3.7)	N/A	ND (3.7)	ND (3.7)	ND (3.7)	ND (3.7)	ND (3.7)	ND (3.7)	ND (3.7)
Silver	µg/L	7	6	0.87	2.7	ND (0.60)	ND (0.60)	SW-4H	2.7	1.6	2.5	2.5	0.87	ND (0.60)	2.5
Sodium	µg/L	7	7	5750000	6680000	N/A	N/A	SW-6H	5840000	6050000	6670000	5750000	6680000	6680000	6630000
Thallium	µg/L	7	0	N/A	N/A	ND (2.2)	ND (4.4)	N/A	ND (2.8)	ND (2.2)	ND (4.3)	ND (3.3)	ND (4.1)	ND (2.2)	ND (4.4)
Vanadium	µg/L	7	4	1.1	3.1	ND (1.1)	ND (1.1)	SW-4L	1.8	3.1	1.4	ND (1.1)	ND (1.1)	ND (1.1)	1.1
Zinc	µg/L	7	7	18	31.6	N/A	N/A	SW-5L	21.3	18.0	21.3	31.6	20.5	20.4	29.0
PCBs															
Aroclor-1016 (PCB-1016)	µg/L	7	0	N/A	N/A	ND (1.0)	ND (1.0)	N/A	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Aroclor-1221 (PCB-1221)	µg/L	7	0	N/A	N/A	ND (2.0)	ND (2.0)	N/A	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Aroclor-1232 (PCB-1232)	µg/L	7	0	N/A	N/A	ND (1.0)	ND (1.0)	N/A	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Aroclor-1242 (PCB-1242)	µg/L	7	0	N/A	N/A	ND (1.0)	ND (1.0)	N/A	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Aroclor-1248 (PCB-1248)	µg/L	7	0	N/A	N/A	ND (1.0)	ND (1.0)	N/A	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Aroclor-1254 (PCB-1254)	µg/L	7	0	N/A	N/A	ND (1.0)	ND (1.0)	N/A	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Aroclor-1260 (PCB-1260)	µg/L	7	0	N/A	N/A	ND (1.0)	ND (1.0)	N/A	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Total PCBs	µg/L	0	0	N/A	N/A	ND	ND		ND	ND	ND	ND	ND	ND	ND
Pesticides															
4,4'-DDD	µg/L	7	0	N/A	N/A	ND (0.10)	ND (0.10)	N/A	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)

ANALYTICAL RESULTS SUMMARY
SURFACE WATER
LAUREL HILL

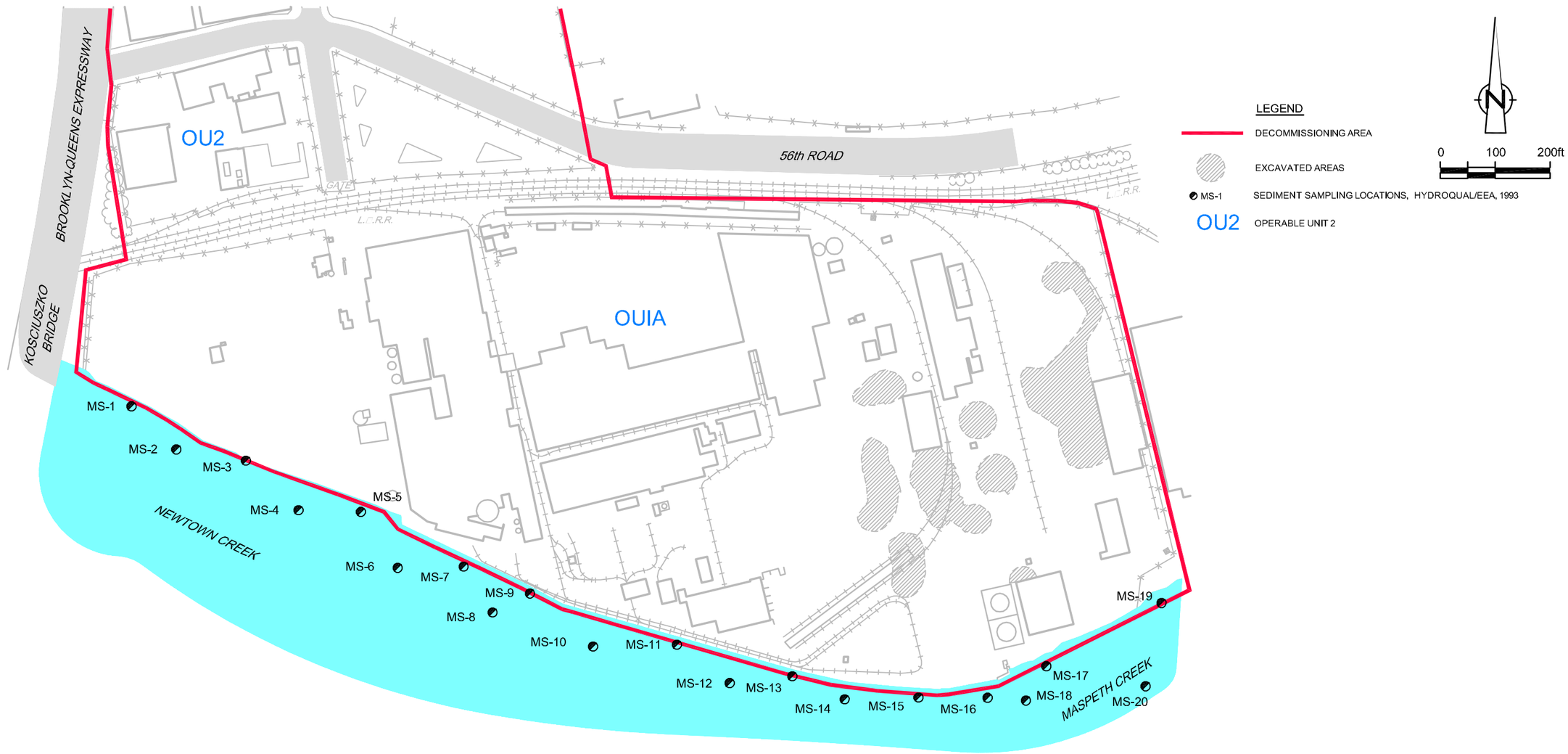
Sample Location:									*SW-4H*	*SW-4L*	*SW-5H*	*SW-5L*	*SW-6H*	*SW-6H*	*SW-6L*
Sample ID:									*CN-010*	*CN-014*	*CN-011*	*CN-015*	*CN-012*	*CN-013*	*CN-016*
Sample Date:									*9/27/1999*	*9/27/1999*	*9/27/1999*	*9/27/1999*	*9/27/1999*	*9/27/1999*	*9/27/1999*
														Duplicate	
Parameter	*Units*	*# of Samples*	*# of Detects*	*Min Detect*	*Max Detect*	*Min ND*	*Max ND*	*Max Location*							
4,4'-DDE	µg/L	7	0	N/A	N/A	ND (0.10)	ND (0.10)	N/A	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
4,4'-DDT	µg/L	7	0	N/A	N/A	ND (0.10)	ND (0.10)	N/A	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
Aldrin	µg/L	7	0	N/A	N/A	ND (0.050)	ND (0.050)	N/A	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)
alpha-BHC	µg/L	7	0	N/A	N/A	ND (0.050)	ND (0.050)	N/A	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)
alpha-Chlordane	µg/L	7	0	N/A	N/A	ND (0.050)	ND (0.050)	N/A	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)
beta-BHC	µg/L	7	0	N/A	N/A	ND (0.050)	ND (0.050)	N/A	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)
delta-BHC	µg/L	7	0	N/A	N/A	ND (0.050)	ND (0.050)	N/A	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)
Dieldrin	µg/L	7	0	N/A	N/A	ND (0.10)	ND (0.10)	N/A	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
Endosulfan I	µg/L	7	0	N/A	N/A	ND (0.050)	ND (0.050)	N/A	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)
Endosulfan II	µg/L	7	0	N/A	N/A	ND (0.10)	ND (0.10)	N/A	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
Endosulfan sulfate	µg/L	7	0	N/A	N/A	ND (0.10)	ND (0.10)	N/A	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
Endrin	µg/L	7	0	N/A	N/A	ND (0.10)	ND (0.10)	N/A	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
Endrin aldehyde	µg/L	7	0	N/A	N/A	ND (0.10)	ND (0.10)	N/A	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
Endrin ketone	µg/L	7	0	N/A	N/A	ND (0.10)	ND (0.10)	N/A	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
gamma-BHC (lindane)	µg/L	7	0	N/A	N/A	ND (0.050)	ND (0.050)	N/A	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)
gamma-Chlordane	µg/L	7	0	N/A	N/A	ND (0.050)	ND (0.050)	N/A	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)
Heptachlor	µg/L	7	0	N/A	N/A	ND (0.050)	ND (0.050)	N/A	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)
Heptachlor epoxide	µg/L	7	0	N/A	N/A	ND (0.050)	ND (0.050)	N/A	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)
Methoxychlor	µg/L	7	0	N/A	N/A	ND (0.50)	ND (0.50)	N/A	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)
Toxaphene	µg/L	7	0	N/A	N/A	ND (5.0)	ND (5.0)	N/A	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
General Chemistry															
Cyanide (total)	µg/L	7	0	N/A	N/A	ND (10)	ND (10)	N/A	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)

Notes:

J - Estimated.
ND - Non-detect at associated value.

ATTACHMENT F

SURFACE WATER DATA



SOURCE:
REMEDIAL INVESTIGATION REPORT,
NOVEMBER 2000

figure F.1

SEDIMENT SAMPLING LOCATIONS
LAUREL HILL SITE
Maspeth, N.Y.

02939-40(071)GN-WA024 JAN 27/2012

ANALYTICAL RESULTS SUMMARY
SEDIMENT SAMPLE DATA
LAUREL HILL

Sample Location:									*MS01*	*MS01*	*MS01*	*MS02*
Sample ID:									*MS-0101-C*	*MS-0102-C*	*MS-0102-FD*	*MS-0201-C*
Sample Date:									*11/10/1993*	*11/10/1993*	*11/10/1993*	*11/10/1993*
Sample Depth:									*0-2 ft BGS*	*5-20 ft BGS*	*5-20 ft BGS Duplicate*	*0-2 ft BGS*
Parameter	*Units*	*# of Samples*	*# of Detects*	*Min Detect*	*Max Detect*	*Min ND*	*Max ND*	*Max Location*				
Volatiles												
1,1,1-Trichloroethane	µg/kg	39	0	N/A	N/A	ND (9)	ND (25000)	N/A	ND (3700)	ND (67)	ND (64)	ND (4800)
1,1,2,2-Tetrachloroethane	µg/kg	39	0	N/A	N/A	ND (9)	ND (25000)	N/A	ND (3700)	ND (67)	ND (64)	ND (4800)
1,1,2-Trichloroethane	µg/kg	39	0	N/A	N/A	ND (9)	ND (25000)	N/A	ND (3700)	ND (67)	ND (64)	ND (4800)
1,1-Dichloroethane	µg/kg	39	0	N/A	N/A	ND (9)	ND (25000)	N/A	ND (3700)	ND (67)	ND (64)	ND (4800)
1,1-Dichloroethene	µg/kg	39	0	N/A	N/A	ND (9)	ND (25000)	N/A	ND (3700)	ND (67)	ND (64)	ND (4800)
1,2-Dichloroethane	µg/kg	39	0	N/A	N/A	ND (9)	ND (25000)	N/A	ND (3700)	ND (67)	ND (64)	ND (4800)
1,2-Dichloroethene (total)	µg/kg	39	0	N/A	N/A	ND (9)	ND (25000)	N/A	ND (3700)	ND (67)	ND (64)	ND (4800)
1,2-Dichloropropane	µg/kg	39	0	N/A	N/A	ND (9)	ND (25000)	N/A	ND (3700)	ND (67)	ND (64)	ND (4800)
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	39	4	1100 J	2300 J	ND (12)	ND (25000)	MS19	ND (3700)	ND (67)	ND (64)	ND (4800)
2-Hexanone	µg/kg	39	0	N/A	N/A	ND (12)	ND (25000)	N/A	ND (3700)	ND (67)	ND (64)	ND (4800)
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	39	0	N/A	N/A	ND (12)	ND (25000)	N/A	ND (3700)	ND (67)	ND (64)	ND (4800)
Acetone	µg/kg	39	3	140	12000 J	ND (19)	ND (13000)	MS16	ND (3700)	ND (67)	ND (53)	ND (4800)
Benzene	µg/kg	39	11	430 J	8000 J	ND (9)	ND (13000)	MS16	ND (3700)	ND (67)	ND (64)	ND (4800)
Bromodichloromethane	µg/kg	39	0	N/A	N/A	ND (9)	ND (25000)	N/A	ND (3700)	ND (67)	ND (64)	ND (4800)
Bromoform	µg/kg	39	0	N/A	N/A	ND (9)	ND (25000)	N/A	ND (3700)	ND (67)	ND (64)	ND (4800)
Bromomethane (Methyl bromide)	µg/kg	39	0	N/A	N/A	ND (12)	ND (25000)	N/A	ND (3700)	ND (67)	ND (64)	ND (4800)
Carbon disulfide	µg/kg	39	1	5 J	5 J	ND (9)	ND (25000)	MS05	ND (3700)	ND (67)	ND (64)	ND (4800)
Carbon tetrachloride	µg/kg	39	0	N/A	N/A	ND (9)	ND (25000)	N/A	ND (3700)	ND (67)	ND (64)	ND (4800)
Chlorobenzene	µg/kg	39	1	3700 J	3700 J	ND (9)	ND (25000)	MS08	ND (3700)	ND (67)	ND (64)	ND (4800)
Chloroethane	µg/kg	39	0	N/A	N/A	ND (12)	ND (25000)	N/A	ND (3700)	ND (67)	ND (64)	ND (4800)
Chloroform (Trichloromethane)	µg/kg	39	0	N/A	N/A	ND (9)	ND (25000)	N/A	ND (3700)	ND (67)	ND (64)	ND (4800)
Chloromethane (Methyl chloride)	µg/kg	39	0	N/A	N/A	ND (12)	ND (25000)	N/A	ND (3700)	ND (67)	ND (64)	ND (4800)
cis-1,3-Dichloropropene	µg/kg	39	0	N/A	N/A	ND (9)	ND (25000)	N/A	ND (3700)	ND (67)	ND (64)	ND (4800)
Dibromochloromethane	µg/kg	39	0	N/A	N/A	ND (9)	ND (25000)	N/A	ND (3700)	ND (67)	ND (64)	ND (4800)
Ethylbenzene	µg/kg	39	17	350 J	41000	ND (9)	ND (13000)	MS16	ND (3700)	ND (67)	ND (64)	ND (4800)
Methylene chloride	µg/kg	39	2	340 J	2200 J	ND (9)	ND (25000)	MS06	ND (3700)	ND (67)	ND (49)	ND (4800)
Styrene	µg/kg	39	0	N/A	N/A	ND (9)	ND (25000)	N/A	ND (3700)	ND (67)	ND (64)	ND (4800)
Tetrachloroethene	µg/kg	39	6	510 J	2200 J	ND (9)	ND (25000)	MS04	1400 J	ND (67)	ND (64)	ND (4800)
Toluene	µg/kg	39	14	35 J	31000	ND (9)	ND (13000)	MS16	ND (3700)	ND (67)	ND (64)	ND (4800)
trans-1,3-Dichloropropene	µg/kg	39	0	N/A	N/A	ND (9)	ND (25000)	N/A	ND (3700)	ND (67)	ND (64)	ND (4800)
Trichloroethene	µg/kg	39	1	4 J	4 J	ND (10)	ND (25000)	MS18	ND (3700)	ND (67)	ND (64)	ND (4800)
Vinyl chloride	µg/kg	39	0	N/A	N/A	ND (12)	ND (25000)	N/A	ND (3700)	ND (67)	ND (64)	ND (4800)
Xylenes (total)	µg/kg	39	21	190 J	170000	ND (9)	ND (13000)	MS16	ND (3700)	ND (67)	ND (64)	ND (4800)
Semi-Volatiles												
2-Methylnaphthalene	µg/kg	10	10	480	5700	N/A	N/A	MS16	-	-	-	-
Acenaphthylene	µg/kg	3	3	690	1700	N/A	N/A	MS04	-	-	-	-
Anthracene	µg/kg	3	3	1200	2700	N/A	N/A	MS04	-	-	-	-
Benzo(a)anthracene	µg/kg	4	4	1000	3200	N/A	N/A	MS04	1000	-	-	-
Benzo(a)pyrene	µg/kg	3	3	870	2000	N/A	N/A	MS04	-	-	-	-
Benzo(b)fluoranthene	µg/kg	2	2	680	2800	N/A	N/A	MS04	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	23	23	610	36300	N/A	N/A	MS01	36300	610	-	13300
Chrysene	µg/kg	6	6	430	3600	N/A	N/A	MS04	1300	430	-	-
Fluoranthene	µg/kg	11	11	500	4900	N/A	N/A	MS04	2000	500	-	-

ANALYTICAL RESULTS SUMMARY
SEDIMENT SAMPLE DATA
LAUREL HILL

Sample Location:									*MS01*	*MS01*	*MS01*	*MS02*
Sample ID:									*MS-0101-C*	*MS-0102-C*	*MS-0102-FD*	*MS-0201-C*
Sample Date:									*11/10/1993*	*11/10/1993*	*11/10/1993*	*11/10/1993*
Sample Depth:									*0-2 ft BGS*	*5-20 ft BGS*	*5-20 ft BGS Duplicate*	*0-2 ft BGS*
Parameter	*Units*	*# of Samples*	*# of Detects*	*Min Detect*	*Max Detect*	*Min ND*	*Max ND*	*Max Location*				
Fluorene	µg/kg	3	3	860	1200	N/A	N/A	MS04/MS16	-	-	-	-
Naphthalene	µg/kg	9	9	530	5600	N/A	N/A	MS16	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	1	1	1000	1000	N/A	N/A	MS03	-	-	-	-
PAHs	µg/kg	22	22	980	31100	N/A	N/A	MS04	7300	1750	-	980
Phenanthrene	µg/kg	18	18	490	5700	N/A	N/A	MS04	-	-	-	-
Pyrene	µg/kg	14	14	580	3300	N/A	N/A	MS03	3000	820	-	980
Metals												
Aluminum	µg/kg	37	37	2880000	21100000	N/A	N/A	MS03	15100000	2880000	2900000	14000000
Antimony	µg/kg	38	12	21300	140000	ND (11000)	ND (36700)	MS12	ND (27700)	ND (11400)	ND (11400)	ND (24400)
Arsenic	µg/kg	38	38	4400	1790000	N/A	N/A	MS12	244000	69600	87900	158000
Barium	µg/kg	38	38	20900 B	536000	N/A	N/A	MS04	209000	20900 B	20900 B	100000
Beryllium	µg/kg	39	36	420 B	3600	ND (250)	ND (330)	MS19	1700 B	ND (250)	ND (250)	1500 B
Cadmium	µg/kg	39	33	1300	156000	ND (950)	ND (1600)	MS16	56700	2300	2200	48200
Calcium	µg/kg	39	39	2280000	78700000	N/A	N/A	MS07	20500000	2280000	2310000	21600000
Chromium	µg/kg	38	38	15200	1100000	N/A	N/A	MS16	535000	37900	38800	416000
Cobalt	µg/kg	38	38	5900 B	98700	N/A	N/A	MS19	24400 B	13900	14200	15800 B
Copper	µg/kg	38	38	16200	34300000	N/A	N/A	MS12	9330000	905000	907000	4280000
Iron	µg/kg	39	39	8950000	54800000	N/A	N/A	MS17	39700000	8950000	9000000	31600000
Iron & manganese (U=0)	µg/kg	39	39	9039400	55198000	N/A	N/A	MS17	40548000	9039400	9090000	31899000
Lead	µg/kg	38	38	7300	5370000	N/A	N/A	MS12	1320000	96100	97900	772000
Magnesium	µg/kg	38	38	1270000	15500000	N/A	N/A	MS02	10700000	1270000	1280000	15500000
Manganese	µg/kg	37	37	89400	848000	N/A	N/A	MS01	848000	89400	90000	299000
Mercury	µg/kg	39	15	240	3100	ND (120)	ND (310)	MS19	ND (300)	ND (120)	ND (120)	ND (270)
Nickel	µg/kg	38	38	24000	4270000	N/A	N/A	MS06	1140000	392000	398000	546000
Potassium	µg/kg	38	38	144000 B	4840000	N/A	N/A	MS02	873000 B	144000 B	164000 B	4840000
Selenium	µg/kg	39	22	770 B	194000	ND (720)	ND (23900)	MS11	33800	2200	770 B	ND (1600)
Silver	µg/kg	39	28	1900 B	144000	ND (1700)	ND (3000)	MS12	20400	ND (1700)	ND (1700)	14800
Sodium	µg/kg	33	33	201000 B	23400000	N/A	N/A	MS15	2960000 B	201000 B	206000 B	-
Thallium	µg/kg	37	19	270 B	1500 B	ND (240)	ND (800)	MS01	1500 B	630 B	320 B	690 B
Vanadium	µg/kg	38	38	13500	180000	N/A	N/A	MS15	106000	14400	13500	83700
Zinc	µg/kg	38	38	93200	12300000	N/A	N/A	MS19	-	741000	762000	2600000
PCBs												
Aroclor-1016 (PCB-1016)	µg/kg	39	0	N/A	N/A	ND (12)	ND (190)	N/A	ND (49)	ND (22)	ND (21)	ND (38)
Aroclor-1221 (PCB-1221)	µg/kg	39	0	N/A	N/A	ND (12)	ND (190)	N/A	ND (49)	ND (22)	ND (21)	ND (38)
Aroclor-1232 (PCB-1232)	µg/kg	39	0	N/A	N/A	ND (12)	ND (190)	N/A	ND (49)	ND (22)	ND (21)	ND (38)
Aroclor-1242 (PCB-1242)	µg/kg	39	2	810	1900	ND (12)	ND (190)	MS10	810	ND (22)	ND (21)	ND (38)
Aroclor-1248 (PCB-1248)	µg/kg	39	0	N/A	N/A	ND (12)	ND (190)	N/A	ND (49)	ND (22)	ND (21)	ND (38)
Aroclor-1254 (PCB-1254)	µg/kg	39	1	250	250	ND (12)	ND (190)	MS12	ND (49)	ND (22)	ND (21)	ND (38)
Aroclor-1260 (PCB-1260)	µg/kg	39	22	86	3000	ND (12)	ND (1700)	MS19	890	ND (22)	ND (21)	ND (38)
Total PCBs	µg/kg	39	23	86	3000	ND	ND	MS19	1700	ND	ND	ND
Pesticides												
4,4'-DDD	µg/kg	39	0	N/A	N/A	ND (1.2)	ND (19)	N/A	ND (4.9)	ND (2.2)	ND (2.1)	ND (3.8)

ANALYTICAL RESULTS SUMMARY
SEDIMENT SAMPLE DATA
LAUREL HILL

Sample Location:									*MS01*	*MS01*	*MS01*	*MS02*
Sample ID:									*MS-0101-C*	*MS-0102-C*	*MS-0102-FD*	*MS-0201-C*
Sample Date:									*11/10/1993*	*11/10/1993*	*11/10/1993*	*11/10/1993*
Sample Depth:									*0-2 ft BGS*	*5-20 ft BGS*	*5-20 ft BGS Duplicate*	*0-2 ft BGS*
Parameter	*Units*	*# of Samples*	*# of Detects*	*Min Detect*	*Max Detect*	*Min ND*	*Max ND*	*Max Location*				
4,4'-DDE	µg/kg	39	0	N/A	N/A	ND (1.2)	ND (19)	N/A	ND (4.9)	ND (2.2)	ND (2.1)	ND (3.8)
4,4'-DDT	µg/kg	39	0	N/A	N/A	ND (2.4)	ND (37)	N/A	ND (9.8)	ND (4.4)	ND (4.3)	ND (7.7)
Aldrin	µg/kg	39	0	N/A	N/A	ND (0.968)	ND (15)	N/A	ND (3.9)	ND (1.8)	ND (1.7)	ND (3.1)
alpha-BHC	µg/kg	39	0	N/A	N/A	ND (0.61)	ND (9.3)	N/A	ND (2.5)	ND (1.1)	ND (1.1)	ND (1.9)
alpha-Chlordane	µg/kg	39	0	N/A	N/A	ND (1.2)	ND (19)	N/A	ND (4.9)	ND (2.2)	ND (2.1)	ND (3.8)
beta-BHC	µg/kg	39	0	N/A	N/A	ND (1.2)	ND (19)	N/A	ND (4.9)	ND (2.2)	ND (2.1)	ND (3.8)
delta-BHC	µg/kg	39	0	N/A	N/A	ND (1.2)	ND (19)	N/A	ND (4.9)	ND (2.2)	ND (2.1)	ND (3.8)
Dieldrin	µg/kg	39	0	N/A	N/A	ND (1.2)	ND (19)	N/A	ND (4.9)	ND (2.2)	ND (2.1)	ND (3.8)
Endosulfan I	µg/kg	39	0	N/A	N/A	ND (1.2)	ND (19)	N/A	ND (4.9)	ND (2.2)	ND (2.1)	ND (3.8)
Endosulfan II	µg/kg	39	0	N/A	N/A	ND (1.2)	ND (19)	N/A	ND (4.9)	ND (2.2)	ND (2.1)	ND (3.8)
Endosulfan sulfate	µg/kg	39	0	N/A	N/A	ND (2.4)	ND (37)	N/A	ND (9.8)	ND (4.4)	ND (4.3)	ND (7.7)
Endrin	µg/kg	39	0	N/A	N/A	ND (1.2)	ND (19)	N/A	ND (4.9)	ND (2.2)	ND (2.1)	ND (3.8)
Endrin aldehyde	µg/kg	39	0	N/A	N/A	ND (1.2)	ND (19)	N/A	ND (4.9)	ND (2.2)	ND (2.1)	ND (3.8)
Endrin ketone	µg/kg	39	0	N/A	N/A	ND (2.1)	ND (19)	N/A	ND (4.9)	ND (2.2)	ND (2.1)	ND (3.8)
gamma-BHC (lindane)	µg/kg	39	0	N/A	N/A	ND (1.2)	ND (19)	N/A	ND (4.9)	ND (2.2)	ND (2.1)	ND (3.8)
gamma-Chlordane	µg/kg	39	0	N/A	N/A	ND (1.2)	ND (19)	N/A	ND (4.9)	ND (2.2)	ND (2.1)	ND (3.8)
Heptachlor	µg/kg	39	0	N/A	N/A	ND (0.98)	ND (15)	N/A	ND (3.9)	ND (1.8)	ND (1.7)	ND (3.1)
Heptachlor epoxide	µg/kg	39	0	N/A	N/A	ND (2.4)	ND (37)	N/A	ND (9.8)	ND (4.4)	ND (4.3)	ND (7.7)
Methoxychlor	µg/kg	39	0	N/A	N/A	ND (9.8)	ND (150)	N/A	ND (39)	ND (18)	ND (17)	ND (31)
Total aldrin & dieldrin (U=0)	µg/kg	39	0	N/A	N/A	ND (0)	ND (0)	N/A	ND (0)	ND (0)	ND (0)	ND (0)
Total DDT (ND=0)	µg/kg	39	0	N/A	N/A	ND (0)	ND (0)	N/A	ND (0)	ND (0)	ND (0)	ND (0)
Total heptachlor & heptachlor epoxide (U=0)	µg/kg	39	0	N/A	N/A	ND (0)	ND (0)	N/A	ND (0)	ND (0)	ND (0)	ND (0)
Toxaphene	µg/kg	39	0	N/A	N/A	ND (6.1)	ND (93)	N/A	ND (25)	ND (11)	ND (11)	ND (19)
Petroleum Hydrocarbons												
Total Petroleum Hydrocarbons	µg/kg	38	38	229000	34200000	N/A	N/A	MS10	18800000	3430000	3530000	9740000
General Chemistry												
Cyanide (total)	µg/kg	37	2	500	16900	ND (1200)	ND (4000)	MS11	ND (3000)	ND (1200)	ND (1200)	ND (2700)
Oil and grease	µg/kg	36	36	351000	52500000	N/A	N/A	MS10	24300000	3820000	3600000	11200000

Notes:

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

E - Exceed calibration range of GC/MS instrument.

J - Estimated.

P - Difference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

U - Not present at or above the associated value.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

ANALYTICAL RESULTS SUMMARY
SEDIMENT SAMPLE DATA
LAUREL HILL

Sample Location:		*MS02*	*MS03*	*MS03*	*MS04*	*MS04*	*MS05*	*MS06*	*MS06*	*MS07*	*MS08*	*MS08*	*MS09*	*MS09*
Sample ID:		*MS-0202-C*	*MS-0301-C*	*MS-0302-C*	*MS-0401-C*	*MS-0402-C*	*MS-0501-C*	*MS-0601-C*	*MS-0602-C*	*MS-0701-C*	*MS-0801-C*	*MS-0802-C*	*MS-0901-C*	*MS-0902-C*
Sample Date:		*11/10/1993*	*11/10/1993*	*11/10/1993*	*11/10/1993*	*11/10/1993*	*11/10/1993*	*11/10/1993*	*11/10/1993*	*10/26/1993*	*11/10/1993*	*11/10/1993*	*11/1/1993*	*11/1/1993*
Sample Depth:		*5-20 ft BGS*	*0-2 ft BGS*	*5-20 ft BGS*	*0-2 ft BGS*	*5-20 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*5-20 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*5-20 ft BGS*	*0-2 ft BGS*	*5-20 ft BGS*
Parameter	*Units*													
Volatiles														
1,1,1-Trichloroethane	µg/kg	ND (2400)	ND (6800)	ND (2500)	ND (3700)	ND (2600)	ND (12)	ND (3900)	ND (3700)	ND (5800)	ND (3900)	ND (2700)	ND (2600)	ND (1700)
1,1,2,2-Tetrachloroethane	µg/kg	ND (2400)	ND (6800)	ND (2500)	ND (3700)	ND (2600)	ND (12)	ND (3900)	ND (3700)	ND (5800)	ND (3900)	ND (2700)	ND (2600)	ND (1700)
1,1,2-Trichloroethane	µg/kg	ND (2400)	ND (6800)	ND (2500)	ND (3700)	ND (2600)	ND (12)	ND (3900)	ND (3700)	ND (5800)	ND (3900)	ND (2700)	ND (2600)	ND (1700)
1,1-Dichloroethane	µg/kg	ND (2400)	ND (6800)	ND (2500)	ND (3700)	ND (2600)	ND (12)	ND (3900)	ND (3700)	ND (5800)	ND (3900)	ND (2700)	ND (2600)	ND (1700)
1,1-Dichloroethene	µg/kg	ND (2400)	ND (6800)	ND (2500)	ND (3700)	ND (2600)	ND (12)	ND (3900)	ND (3700)	ND (5800)	ND (3900)	ND (2700)	ND (2600)	ND (1700)
1,2-Dichloroethane	µg/kg	ND (2400)	ND (6800)	ND (2500)	ND (3700)	ND (2600)	ND (12)	ND (3900)	ND (3700)	ND (5800)	ND (3900)	ND (2700)	ND (2600)	ND (1700)
1,2-Dichloroethene (total)	µg/kg	ND (2400)	ND (6800)	ND (2500)	ND (3700)	ND (2600)	ND (12)	ND (3900)	ND (3700)	ND (5800)	ND (3900)	ND (2700)	ND (2600)	ND (1700)
1,2-Dichloropropane	µg/kg	ND (2400)	ND (6800)	ND (2500)	ND (3700)	ND (2600)	ND (12)	ND (3900)	ND (3700)	ND (5800)	ND (3900)	ND (2700)	ND (2600)	ND (1700)
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	ND (2400)	ND (6800)	ND (2500)	ND (3700)	ND (2600)	ND (12)	ND (3900)	ND (3700)	ND (5800)	ND (3900)	ND (2700)	1100 J	ND (1700)
2-Hexanone	µg/kg	ND (2400)	ND (6800)	ND (2500)	ND (3700)	ND (2600)	ND (12)	ND (3900)	ND (3700)	ND (5800)	ND (3900)	ND (2700)	ND (2600)	ND (1700)
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	ND (2400)	ND (6800)	ND (2500)	ND (3700)	ND (2600)	ND (12)	ND (3900)	ND (3700)	ND (5800)	ND (3900)	ND (2700)	ND (2600)	ND (1700)
Acetone	µg/kg	ND (2400)	ND (6800)	ND (2500)	ND (3700)	ND (2600)	140	ND (3900)	ND (3700)	ND (5800)	ND (3900)	4900	ND (2600)	ND (1700)
Benzene	µg/kg	ND (2400)	920 J	ND (2500)	ND (3700)	ND (2600)	ND (12)	ND (3900)	890 J	1300 J	830 J	ND (2700)	1900 J	770 J
Bromodichloromethane	µg/kg	ND (2400)	ND (6800)	ND (2500)	ND (3700)	ND (2600)	ND (12)	ND (3900)	ND (3700)	ND (5800)	ND (3900)	ND (2700)	ND (2600)	ND (1700)
Bromoform	µg/kg	ND (2400)	ND (6800)	ND (2500)	ND (3700)	ND (2600)	ND (12)	ND (3900)	ND (3700)	ND (5800)	ND (3900)	ND (2700)	ND (2600)	ND (1700)
Bromomethane (Methyl bromide)	µg/kg	ND (2400)	ND (6800)	ND (2500)	ND (3700)	ND (2600)	ND (12)	ND (3900)	ND (3700)	ND (5800)	ND (3900)	ND (2700)	ND (2600)	ND (1700)
Carbon disulfide	µg/kg	ND (2400)	ND (6800)	ND (2500)	ND (3700)	ND (2600)	5 J	ND (3900)	ND (3700)	ND (5800)	ND (3900)	ND (2700)	ND (2600)	ND (1700)
Carbon tetrachloride	µg/kg	ND (2400)	ND (6800)	ND (2500)	ND (3700)	ND (2600)	ND (12)	ND (3900)	ND (3700)	ND (5800)	ND (3900)	ND (2700)	ND (2600)	ND (1700)
Chlorobenzene	µg/kg	ND (2400)	ND (6800)	ND (2500)	ND (3700)	ND (2600)	ND (12)	ND (3900)	ND (3700)	ND (5800)	3700 J	ND (2700)	ND (2600)	ND (1700)
Chloroethane	µg/kg	ND (2400)	ND (6800)	ND (2500)	ND (3700)	ND (2600)	ND (12)	ND (3900)	ND (3700)	ND (5800)	ND (3900)	ND (2700)	ND (2600)	ND (1700)
Chloroform (Trichloromethane)	µg/kg	ND (2400)	ND (6800)	ND (2500)	ND (3700)	ND (2600)	ND (12)	ND (3900)	ND (3700)	ND (5800)	ND (3900)	ND (2700)	ND (2600)	ND (1700)
Chloromethane (Methyl chloride)	µg/kg	ND (2400)	ND (6800)	ND (2500)	ND (3700)	ND (2600)	ND (12)	ND (3900)	ND (3700)	ND (5800)	ND (3900)	ND (2700)	ND (2600)	ND (1700)
cis-1,3-Dichloropropene	µg/kg	ND (2400)	ND (6800)	ND (2500)	ND (3700)	ND (2600)	ND (12)	ND (3900)	ND (3700)	ND (5800)	ND (3900)	ND (2700)	ND (2600)	ND (1700)
Dibromochloromethane	µg/kg	ND (2400)	ND (6800)	ND (2500)	ND (3700)	ND (2600)	ND (12)	ND (3900)	ND (3700)	ND (5800)	ND (3900)	ND (2700)	ND (2600)	ND (1700)
Ethylbenzene	µg/kg	400 J	820 J	630 J	ND (3700)	ND (2600)	ND (12)	ND (3900)	2700 J	4200 J	3100 J	ND (2700)	4900	350 J
Methylene chloride	µg/kg	ND (2400)	ND (6800)	ND (2500)	ND (3700)	ND (2600)	ND (12)	2200 J	ND (3700)	ND (5800)	ND (3900)	ND (2700)	340 J	ND (1700)
Styrene	µg/kg	ND (2400)	ND (6800)	ND (2500)	ND (3700)	ND (2600)	ND (12)	ND (3900)	ND (3700)	ND (5800)	ND (3900)	ND (2700)	ND (2600)	ND (1700)
Tetrachloroethene	µg/kg	ND (2400)	ND (6800)	ND (2500)	2200 J	1800 J	ND (12)	ND (3900)	ND (3700)	ND (5800)	ND (3900)	ND (2700)	ND (2600)	ND (1700)
Toluene	µg/kg	240 J	ND (6800)	ND (2500)	ND (3700)	ND (2600)	ND (12)	ND (3900)	1500 J	1100 J	720 J	ND (2700)	1300 J	470 J
trans-1,3-Dichloropropene	µg/kg	ND (2400)	ND (6800)	ND (2500)	ND (3700)	ND (2600)	ND (12)	ND (3900)	ND (3700)	ND (5800)	ND (3900)	ND (2700)	ND (2600)	ND (1700)
Trichloroethene	µg/kg	ND (2400)	ND (6800)	ND (2500)	ND (3700)	ND (2600)	ND (12)	ND (3900)	ND (3700)	ND (5800)	ND (3900)	ND (2700)	ND (2600)	ND (1700)
Vinyl chloride	µg/kg	ND (2400)	ND (6800)	ND (2500)	ND (3700)	ND (2600)	ND (12)	ND (3900)	ND (3700)	ND (5800)	ND (3900)	ND (2700)	ND (2600)	ND (1700)
Xylenes (total)	µg/kg	580	ND (6800)	2900	780 J	ND (2600)	ND (12)	1500 J	5400	50000	4700	840 J	47000	2200
Semi-Volatiles														
2-Methylnaphthalene	µg/kg	-	2900	1600	-	1300	-	-	1100	1600	-	-	-	480
Acenaphthylene	µg/kg	-	-	690	-	1700	-	-	-	-	-	-	-	-
Anthracene	µg/kg	-	-	1200	-	2700	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	-	-	1400	-	3200	-	-	-	-	-	-	-	-
Benzo(a)pyrene	µg/kg	-	-	870	-	2000	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	-	-	680	-	2800	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	1200	7800	740	2300	-	-	11800	1800	1600	-	-	-	-
Chrysene	µg/kg	-	990	1600	-	3600	-	-	-	-	-	-	-	-
Fluoranthene	µg/kg	560	1600	2500	-	4900	-	1400	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SEDIMENT SAMPLE DATA
LAUREL HILL

Sample Location:		*MS02*	*MS03*	*MS03*	*MS04*	*MS04*	*MS05*	*MS06*	*MS06*	*MS07*	*MS08*	*MS08*	*MS09*	*MS09*
Sample ID:		*MS-0202-C*	*MS-0301-C*	*MS-0302-C*	*MS-0401-C*	*MS-0402-C*	*MS-0501-C*	*MS-0601-C*	*MS-0602-C*	*MS-0701-C*	*MS-0801-C*	*MS-0802-C*	*MS-0901-C*	*MS-0902-C*
Sample Date:		*11/10/1993*	*11/10/1993*	*11/10/1993*	*11/10/1993*	*11/10/1993*	*11/10/1993*	*11/10/1993*	*11/10/1993*	*10/26/1993*	*11/10/1993*	*11/10/1993*	*11/1/1993*	*11/1/1993*
Sample Depth:		*5-20 ft BGS*	*0-2 ft BGS*	*5-20 ft BGS*	*0-2 ft BGS*	*5-20 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*5-20 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*5-20 ft BGS*	*0-2 ft BGS*	*5-20 ft BGS*
Parameter	*Units*													
Fluorene	µg/kg	-	-	860	-	1200	-	-	-	-	-	-	-	-
Naphthalene	µg/kg	530	-	2200	-	3300	-	-	-	-	1000	-	-	650
N-Nitrosodiphenylamine	µg/kg	-	1000	-	-	-	-	-	-	-	-	-	-	-
PAHs	µg/kg	2770	9290	19500	-	31100	-	5400	1500	2410	2000	1320	990	1140
Phenanthrene	µg/kg	910	4200	4200	-	5700	-	1800	1500	1500	1000	740	990	490
Pyrene	µg/kg	770	2500	3300	-	-	-	2200	-	910	-	580	-	-
Metals														
Aluminum	µg/kg	14100000	-	21100000	13200000	12800000	4330000	14100000	11300000	-	11100000	5360000	11400000	4770000
Antimony	µg/kg	ND (14500)	ND (25000)	ND (17800)	ND (26400)	49800	ND (11000)	ND (28300)	ND (24700)	44300	53200	21300	-	ND (11200)
Arsenic	µg/kg	102000	201000	304000	189000	394000	9500	145000	245000	475000	-	108000	476000	4400
Barium	µg/kg	203000	235000	335000	222000	536000	67300	226000	225000	227000	-	285000	239000	35000 B
Beryllium	µg/kg	1200 B	960 B	1400 B	1100 B	1300 B	670 B	1100 B	1000 B	1100 B	1700 B	ND (330)	910 B	590 B
Cadmium	µg/kg	10900	102000	6500	93400	7600	ND (950)	78900	133000	39100	29600	2900	47500	ND (970)
Calcium	µg/kg	15700000	22900000	9200000	23300000	9580000	3510000	22300000	24600000	78700000	24900000	7190000	37900000	3520000
Chromium	µg/kg	190000	756000	153000	725000	142000	30400	710000	775000	907000	-	50100	841000	15200
Cobalt	µg/kg	17900	29400	22700	28900	29000	37200	25100 B	25700 B	29900	-	11600 B	26300	5900 B
Copper	µg/kg	2900000	9630000	3290000	14300000	6730000	1730000	10700000	-	33900000	12600000	2690000	27900000	438000
Iron	µg/kg	29600000	38900000	36800000	38700000	32900000	19300000	38600000	39500000	43000000	38300000	14700000	39700000	12000000
Iron & manganese (U=0)	µg/kg	30030000	39194000	37170000	38977000	33142000	19458000	38600000	39500000	43206000	38720000	14816000	39930000	12197000
Lead	µg/kg	366000	1120000	1030000	1180000	1210000	218000	1470000	1070000	1470000	-	446000	1850000	7300
Magnesium	µg/kg	11500000	8480000	10000000	9110000	5590000	2280000	10100000	6590000	5270000	-	2790000	6470000	3820000
Manganese	µg/kg	430000	294000	370000	277000	242000	158000	-	-	206000	420000	116000	230000	197000
Mercury	µg/kg	ND (160)	ND (270)	ND (190)	ND (290)	ND (210)	ND (120)	ND (290)	ND (270)	860	ND (300)	ND (170)	360	240
Nickel	µg/kg	673000	2880000	834000	2470000	1080000	163000	1310000	4270000	3090000	-	310000	2150000	35400
Potassium	µg/kg	756000 B	1290000 B	4070000	1230000 B	1170000 B	319000 B	1580000 B	1200000 B	2550000	1450000 B	-	2850000	1420000
Selenium	µg/kg	ND (9400)	ND (1600)	52500	ND (17200)	ND (12400)	ND (720)	8100	ND (16100)	14500	4500	24400	34800	ND (730)
Silver	µg/kg	ND (2200)	25700	6500	27000	13700	ND (1700)	26800	25500	20500	21800	3900	26700	ND (1700)
Sodium	µg/kg	681000 B	12200000	2520000	9260000	1320000 B	1710000	-	-	7410000	-	3410000	10800000	913000 B
Thallium	µg/kg	490 B	790 B	810 B	770 B	1300 B	270 B	800 B	810 B	ND (470)	-	530 B	ND (480)	ND (240)
Vanadium	µg/kg	52400	109000	69000	117000	41100	16900	98900	106000	86800	-	18000	89300	18300
Zinc	µg/kg	1530000	5430000	1550000	5660000	2320000	1730000	5900000	6100000	6450000	5540000	905000	6350000	97700
PCBs														
Aroclor-1016 (PCB-1016)	µg/kg	ND (31)	ND (46)	ND (33)	ND (49)	ND (35)	ND (12)	ND (52)	ND (49)	ND (39)	ND (52)	ND (36)	ND (35)	ND (23)
Aroclor-1221 (PCB-1221)	µg/kg	ND (31)	ND (46)	ND (33)	ND (49)	ND (35)	ND (12)	ND (52)	ND (49)	ND (39)	ND (52)	ND (36)	ND (35)	ND (23)
Aroclor-1232 (PCB-1232)	µg/kg	ND (31)	ND (46)	ND (33)	ND (49)	ND (35)	ND (12)	ND (52)	ND (49)	ND (39)	ND (52)	ND (36)	ND (35)	ND (23)
Aroclor-1242 (PCB-1242)	µg/kg	ND (31)	ND (46)	ND (33)	ND (49)	ND (35)	ND (12)	ND (52)	ND (49)	ND (39)	ND (52)	ND (36)	ND (35)	ND (23)
Aroclor-1248 (PCB-1248)	µg/kg	ND (31)	ND (46)	ND (33)	ND (49)	ND (35)	ND (12)	ND (52)	ND (49)	ND (39)	ND (52)	ND (36)	ND (35)	ND (23)
Aroclor-1254 (PCB-1254)	µg/kg	ND (31)	ND (46)	ND (33)	ND (49)	ND (35)	ND (12)	ND (52)	ND (49)	ND (39)	ND (52)	ND (36)	ND (35)	ND (23)
Aroclor-1260 (PCB-1260)	µg/kg	ND (31)	640	ND (33)	ND (49)	ND (35)	ND (12)	ND (52)	ND (49)	180	ND (52)	ND (36)	160	86
Total PCBs	µg/kg	ND	640	ND	ND	ND	ND	ND	ND	180	ND	ND	160	86
Pesticides														
4,4'-DDD	µg/kg	ND (3.1)	ND (4.6)	ND (3.3)	ND (4.9)	ND (3.5)	ND (1.2)	ND (5.2)	ND (4.9)	ND (3.9)	ND (5.2)	ND (3.6)	ND (3.5)	ND (2.3)

ANALYTICAL RESULTS SUMMARY
SEDIMENT SAMPLE DATA
LAUREL HILL

Sample Location:		*MS02*	*MS03*	*MS03*	*MS04*	*MS04*	*MS05*	*MS06*	*MS06*	*MS07*	*MS08*	*MS08*	*MS09*	*MS09*
Sample ID:		*MS-0202-C*	*MS-0301-C*	*MS-0302-C*	*MS-0401-C*	*MS-0402-C*	*MS-0501-C*	*MS-0601-C*	*MS-0602-C*	*MS-0701-C*	*MS-0801-C*	*MS-0802-C*	*MS-0901-C*	*MS-0902-C*
Sample Date:		*11/10/1993*	*11/10/1993*	*11/10/1993*	*11/10/1993*	*11/10/1993*	*11/10/1993*	*11/10/1993*	*11/10/1993*	*10/26/1993*	*11/10/1993*	*11/10/1993*	*11/1/1993*	*11/1/1993*
Sample Depth:		*5-20 ft BGS*	*0-2 ft BGS*	*5-20 ft BGS*	*0-2 ft BGS*	*5-20 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*5-20 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*5-20 ft BGS*	*0-2 ft BGS*	*5-20 ft BGS*
Parameter	*Units*													
4,4'-DDE	µg/kg	ND (3.1)	ND (4.6)	ND (3.3)	ND (4.9)	ND (3.5)	ND (1.2)	ND (5.2)	ND (4.9)	ND (3.9)	ND (5.2)	ND (3.6)	ND (3.5)	ND (2.3)
4,4'-DDT	µg/kg	ND (6.3)	ND (9.3)	ND (6.7)	ND (9.8)	ND (6.9)	ND (2.4)	ND (10)	ND (9.8)	ND (7.8)	ND (10)	ND (7.2)	ND (6.9)	ND (4.6)
Aldrin	µg/kg	ND (2.5)	ND (3.7)	ND (2.7)	ND (3.9)	ND (2.8)	ND (0.968)	ND (4.2)	ND (3.9)	ND (3.1)	ND (4.2)	ND (2.9)	ND (2.8)	ND (1.9)
alpha-BHC	µg/kg	ND (1.6)	ND (2.3)	ND (1.7)	ND (2.5)	ND (1.7)	ND (0.61)	ND (2.6)	ND (2.5)	ND (1.9)	ND (2.6)	ND (1.8)	ND (1.7)	ND (1.2)
alpha-Chlordane	µg/kg	ND (3.1)	ND (4.6)	ND (3.3)	ND (4.9)	ND (3.5)	ND (1.2)	ND (5.2)	ND (4.9)	ND (3.9)	ND (5.2)	ND (3.6)	ND (3.5)	ND (2.3)
beta-BHC	µg/kg	ND (3.1)	ND (4.6)	ND (3.3)	ND (4.9)	ND (3.5)	ND (1.2)	ND (5.2)	ND (4.9)	ND (3.9)	ND (5.2)	ND (3.6)	ND (3.5)	ND (2.3)
delta-BHC	µg/kg	ND (3.1)	ND (4.6)	ND (3.3)	ND (4.9)	ND (3.5)	ND (1.2)	ND (5.2)	ND (4.9)	ND (3.9)	ND (5.2)	ND (3.6)	ND (3.5)	ND (2.3)
Dieldrin	µg/kg	ND (3.1)	ND (4.6)	ND (3.3)	ND (4.9)	ND (3.5)	ND (1.2)	ND (5.2)	ND (4.9)	ND (3.9)	ND (5.2)	ND (3.6)	ND (3.5)	ND (2.3)
Endosulfan I	µg/kg	ND (3.1)	ND (4.6)	ND (3.3)	ND (4.9)	ND (3.5)	ND (1.2)	ND (5.2)	ND (4.9)	ND (3.9)	ND (5.2)	ND (3.6)	ND (3.5)	ND (2.3)
Endosulfan II	µg/kg	ND (3.1)	ND (4.6)	ND (3.3)	ND (4.9)	ND (3.5)	ND (1.2)	ND (5.2)	ND (4.9)	ND (3.9)	ND (5.2)	ND (3.6)	ND (3.5)	ND (2.3)
Endosulfan sulfate	µg/kg	ND (6.3)	ND (9.3)	ND (6.7)	ND (9.8)	ND (6.9)	ND (2.4)	ND (10)	ND (9.8)	ND (7.8)	ND (10)	ND (7.2)	ND (6.9)	ND (4.6)
Endrin	µg/kg	ND (3.1)	ND (4.6)	ND (3.3)	ND (4.9)	ND (3.5)	ND (1.2)	ND (5.2)	ND (4.9)	ND (3.9)	ND (5.2)	ND (3.6)	ND (3.5)	ND (2.3)
Endrin aldehyde	µg/kg	ND (3.1)	ND (4.6)	ND (3.3)	ND (4.9)	ND (3.5)	ND (1.2)	ND (5.2)	ND (4.9)	ND (3.9)	ND (5.2)	ND (3.6)	ND (3.5)	ND (2.3)
Endrin ketone	µg/kg	ND (3.1)	ND (4.6)	ND (3.3)	ND (4.9)	ND (3.5)	ND (2.1)	ND (5.2)	ND (4.9)	ND (3.9)	ND (5.2)	ND (3.6)	ND (3.5)	ND (2.3)
gamma-BHC (lindane)	µg/kg	ND (3.1)	ND (4.6)	ND (3.3)	ND (4.9)	ND (3.5)	ND (1.2)	ND (5.2)	ND (4.9)	ND (3.9)	ND (5.2)	ND (3.6)	ND (3.5)	ND (2.3)
gamma-Chlordane	µg/kg	ND (3.1)	ND (4.6)	ND (3.3)	ND (4.9)	ND (3.5)	ND (1.2)	ND (5.2)	ND (4.9)	ND (3.9)	ND (5.2)	ND (3.6)	ND (3.5)	ND (2.3)
Heptachlor	µg/kg	ND (2.5)	ND (3.7)	ND (2.7)	ND (3.9)	ND (2.8)	ND (0.98)	ND (4.2)	ND (3.9)	ND (3.1)	ND (4.2)	ND (2.9)	ND (2.8)	ND (1.9)
Heptachlor epoxide	µg/kg	ND (6.3)	ND (9.3)	ND (6.7)	ND (9.8)	ND (6.8)	ND (2.4)	ND (10)	ND (9.8)	ND (7.8)	ND (10)	ND (7.2)	ND (6.9)	ND (4.6)
Methoxychlor	µg/kg	ND (25)	ND (37)	ND (27)	ND (39)	ND (28)	ND (9.8)	ND (42)	ND (39)	ND (31)	ND (42)	ND (29)	ND (28)	ND (19)
Total aldrin & dieldrin (U=0)	µg/kg	ND (0)	ND (0)	ND (0)	ND (0)	ND (0)	ND (0)	ND (0)	ND (0)	ND (0)	ND (0)	ND (0)	ND (0)	ND (0)
Total DDT (ND=0)	µg/kg	ND (0)	ND (0)	ND (0)	ND (0)	ND (0)	ND (0)	ND (0)	ND (0)	ND (0)	ND (0)	ND (0)	ND (0)	ND (0)
Total heptachlor & heptachlor epoxide (U=0)	µg/kg	ND (0)	ND (0)	ND (0)	ND (0)	ND (0)	ND (0)	ND (0)	ND (0)	ND (0)	ND (0)	ND (0)	ND (0)	ND (0)
Toxaphene	µg/kg	ND (16)	ND (23)	ND (17)	ND (25)	ND (17)	ND (6.1)	ND (26)	ND (25)	ND (19)	ND (26)	ND (18)	ND (17)	ND (12)
Petroleum Hydrocarbons														
Total Petroleum Hydrocarbons	µg/kg	-	12700000	3960000	13900000	11600000	744000	15300000	14200000	14300000	22900000	5140000	19000000	1720000
General Chemistry														
Cyanide (total)	µg/kg	ND (1600)	ND (2700)	ND (1900)	ND (2900)	ND (2100)	ND (1200)	ND (2900)	ND (2700)	ND (2300)	-	ND (1700)	ND (2400)	ND (1200)
Oil and grease	µg/kg	4850000	-	-	19500000	16800000	927000	27000000	23100000	21100000	29200000	8600000	25000000	2630000

Notes:

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

E - Exceed calibration range of GC/MS instrument.

J - Estimated.

P - Difference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

U - Not present at or above the associated value.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

ANALYTICAL RESULTS SUMMARY
SEDIMENT SAMPLE DATA
LAUREL HILL

Sample Location:		*MS10*	*MS10*	*MS11*	*MS12*	*MS12*	*MS13*	*MS13*	*MS14*	*MS14*	*MS15*	*MS15*	*MS16*	*MS16*
Sample ID:		*MS-1001-C*	*MS-1002-C*	*MS-1101-C*	*MS-1201-C*	*MS-1202-C*	*MS-1301-C*	*MS-1302-C*	*MS-1401-C*	*MS-1402-C*	*MS-1501-C*	*MS-1502-C*	*MS-1601-C*	*MS-1602-C*
Sample Date:		*11/10/1993*	*11/10/1993*	*10/25/1993*	*11/10/1993*	*11/10/1993*	*10/25/1993*	*10/25/1993*	*11/10/1993*	*11/10/1993*	*10/25/1993*	*10/25/1993*	*10/26/1993*	*10/26/1993*
Sample Depth:		*0-2 ft BGS*	*5-20 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*5-20 ft BGS*	*0-2 ft BGS*	*5-20 ft BGS*	*0-2 ft BGS*	*5-20 ft BGS*	*0-2 ft BGS*	*5-20 ft BGS*	*0-2 ft BGS*	*5-20 ft BGS*
Parameter	*Units*													
Volatiles														
1,1,1-Trichloroethane	µg/kg	ND (3800)	ND (1800)	ND (13000)	ND (3900)	ND (1900)	ND (12000)	ND (6800)	ND (5400)	ND (1600)	ND (9300)	ND (7000)	ND (3800)	ND (25000)
1,1,2,2-Tetrachloroethane	µg/kg	ND (3800)	ND (1800)	ND (13000)	ND (3900)	ND (1900)	ND (12000)	ND (6800)	ND (5400)	ND (1600)	ND (9300)	ND (7000)	ND (3800)	ND (25000)
1,1,2-Trichloroethane	µg/kg	ND (3800)	ND (1800)	ND (13000)	ND (3900)	ND (1900)	ND (12000)	ND (6800)	ND (5400)	ND (1600)	ND (9300)	ND (7000)	ND (3800)	ND (25000)
1,1-Dichloroethane	µg/kg	ND (3800)	ND (1800)	ND (13000)	ND (3900)	ND (1900)	ND (12000)	ND (6800)	ND (5400)	ND (1600)	ND (9300)	ND (7000)	ND (3800)	ND (25000)
1,1-Dichloroethene	µg/kg	ND (3800)	ND (1800)	ND (13000)	ND (3900)	ND (1900)	ND (12000)	ND (6800)	ND (5400)	ND (1600)	ND (9300)	ND (7000)	ND (3800)	ND (25000)
1,2-Dichloroethane	µg/kg	ND (3800)	ND (1800)	ND (13000)	ND (3900)	ND (1900)	ND (12000)	ND (6800)	ND (5400)	ND (1600)	ND (9300)	ND (7000)	ND (3800)	ND (25000)
1,2-Dichloroethene (total)	µg/kg	ND (3800)	ND (1800)	ND (13000)	ND (3900)	ND (1900)	ND (12000)	ND (6800)	ND (5400)	ND (1600)	ND (9300)	ND (7000)	ND (3800)	ND (25000)
1,2-Dichloropropane	µg/kg	ND (3800)	ND (1800)	ND (13000)	ND (3900)	ND (1900)	ND (12000)	ND (6800)	ND (5400)	ND (1600)	ND (9300)	ND (7000)	ND (3800)	ND (25000)
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	ND (3800)	ND (1800)	ND (13000)	ND (3900)	ND (1900)	ND (12000)	ND (6800)	ND (5400)	ND (1600)	ND (9300)	ND (7000)	1600 J	ND (25000)
2-Hexanone	µg/kg	ND (3800)	ND (1800)	ND (13000)	ND (3900)	ND (1900)	ND (12000)	ND (6800)	ND (5400)	ND (1600)	ND (9300)	ND (7000)	ND (3800)	ND (25000)
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	ND (3800)	ND (1800)	ND (13000)	ND (3900)	ND (1900)	ND (12000)	ND (6800)	ND (5400)	ND (1600)	ND (9300)	ND (7000)	ND (3800)	ND (25000)
Acetone	µg/kg	ND (3800)	ND (1800)	ND (13000)	ND (3900)	ND (1900)	ND (12000)	ND (6800)	ND (5400)	ND (1600)	ND (9300)	ND (7000)	ND (3800)	12000 J
Benzene	µg/kg	430 J	ND (1800)	ND (13000)	ND (3900)	ND (1900)	ND (12000)	ND (6800)	ND (5400)	ND (1600)	ND (9300)	ND (7000)	640 J	8000 J
Bromodichloromethane	µg/kg	ND (3800)	ND (1800)	ND (13000)	ND (3900)	ND (1900)	ND (12000)	ND (6800)	ND (5400)	ND (1600)	ND (9300)	ND (7000)	ND (3800)	ND (25000)
Bromoform	µg/kg	ND (3800)	ND (1800)	ND (13000)	ND (3900)	ND (1900)	ND (12000)	ND (6800)	ND (5400)	ND (1600)	ND (9300)	ND (7000)	ND (3800)	ND (25000)
Bromomethane (Methyl bromide)	µg/kg	ND (3800)	ND (1800)	ND (13000)	ND (3900)	ND (1900)	ND (12000)	ND (6800)	ND (5400)	ND (1600)	ND (9300)	ND (7000)	ND (3800)	ND (25000)
Carbon disulfide	µg/kg	ND (3800)	ND (1800)	ND (13000)	ND (3900)	ND (1900)	ND (12000)	ND (6800)	ND (5400)	ND (1600)	ND (9300)	ND (7000)	ND (3800)	ND (25000)
Carbon tetrachloride	µg/kg	ND (3800)	ND (1800)	ND (13000)	ND (3900)	ND (1900)	ND (12000)	ND (6800)	ND (5400)	ND (1600)	ND (9300)	ND (7000)	ND (3800)	ND (25000)
Chlorobenzene	µg/kg	ND (3800)	ND (1800)	ND (13000)	ND (3900)	ND (1900)	ND (12000)	ND (6800)	ND (5400)	ND (1600)	ND (9300)	ND (7000)	ND (3800)	ND (25000)
Chloroethane	µg/kg	ND (3800)	ND (1800)	ND (13000)	ND (3900)	ND (1900)	ND (12000)	ND (6800)	ND (5400)	ND (1600)	ND (9300)	ND (7000)	ND (3800)	ND (25000)
Chloroform (Trichloromethane)	µg/kg	ND (3800)	ND (1800)	ND (13000)	ND (3900)	ND (1900)	ND (12000)	ND (6800)	ND (5400)	ND (1600)	ND (9300)	ND (7000)	ND (3800)	ND (25000)
Chloromethane (Methyl chloride)	µg/kg	ND (3800)	ND (1800)	ND (13000)	ND (3900)	ND (1900)	ND (12000)	ND (6800)	ND (5400)	ND (1600)	ND (9300)	ND (7000)	ND (3800)	ND (25000)
cis-1,3-Dichloropropene	µg/kg	ND (3800)	ND (1800)	ND (13000)	ND (3900)	ND (1900)	ND (12000)	ND (6800)	ND (5400)	ND (1600)	ND (9300)	ND (7000)	ND (3800)	ND (25000)
Dibromochloromethane	µg/kg	ND (3800)	ND (1800)	ND (13000)	ND (3900)	ND (1900)	ND (12000)	ND (6800)	ND (5400)	ND (1600)	ND (9300)	ND (7000)	ND (3800)	ND (25000)
Ethylbenzene	µg/kg	ND (3800)	ND (1800)	ND (13000)	ND (3900)	390 J	1400 J	ND (6800)	ND (5400)	ND (1600)	ND (9300)	ND (7000)	940 J	41000
Methylene chloride	µg/kg	ND (3800)	ND (1800)	ND (13000)	ND (3900)	ND (1900)	ND (12000)	ND (6800)	ND (5400)	ND (1600)	ND (9300)	ND (7000)	ND (3800)	ND (25000)
Styrene	µg/kg	ND (3800)	ND (1800)	ND (13000)	ND (3900)	ND (1900)	ND (12000)	ND (6800)	ND (5400)	ND (1600)	ND (9300)	ND (7000)	ND (3800)	ND (25000)
Tetrachloroethene	µg/kg	ND (3800)	ND (1800)	ND (13000)	ND (3900)	830 J	ND (12000)	ND (6800)	ND (5400)	ND (1600)	ND (9300)	ND (7000)	ND (3800)	ND (25000)
Toluene	µg/kg	ND (3800)	ND (1800)	ND (13000)	ND (3900)	ND (1900)	ND (12000)	ND (6800)	ND (5400)	ND (1600)	ND (9300)	ND (7000)	480 J	31000
trans-1,3-Dichloropropene	µg/kg	ND (3800)	ND (1800)	ND (13000)	ND (3900)	ND (1900)	ND (12000)	ND (6800)	ND (5400)	ND (1600)	ND (9300)	ND (7000)	ND (3800)	ND (25000)
Trichloroethene	µg/kg	ND (3800)	ND (1800)	ND (13000)	ND (3900)	ND (1900)	ND (12000)	ND (6800)	ND (5400)	ND (1600)	ND (9300)	ND (7000)	ND (3800)	ND (25000)
Vinyl chloride	µg/kg	ND (3800)	ND (1800)	ND (13000)	ND (3900)	ND (1900)	ND (12000)	ND (6800)	ND (5400)	ND (1600)	ND (9300)	ND (7000)	ND (3800)	ND (25000)
Xylenes (total)	µg/kg	2100 J	190 J	ND (13000)	ND (3900)	810 J	8300 J	ND (6800)	ND (5400)	ND (1600)	ND (9300)	ND (7000)	5700	170000
Semi-Volatiles														
2-Methylnaphthalene	µg/kg	2100	-	-	-	-	-	-	-	-	-	-	-	5700
Acenaphthylene	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-	1500
Anthracene	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-	1400
Benzo(a)anthracene	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-	1100
Benzo(a)pyrene	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-	1000
Benzo(b)fluoranthene	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	2300	-	1700	1100	-	800	-	10400	-	10800	1500	15600	2300
Chrysene	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-	1300
Fluoranthene	µg/kg	1400	-	-	-	690	-	-	-	-	-	-	-	1900

ANALYTICAL RESULTS SUMMARY
SEDIMENT SAMPLE DATA
LAUREL HILL

Sample Location:		*MS10*	*MS10*	*MS11*	*MS12*	*MS12*	*MS13*	*MS13*	*MS14*	*MS14*	*MS15*	*MS15*	*MS16*	*MS16*
Sample ID:		*MS-1001-C*	*MS-1002-C*	*MS-1101-C*	*MS-1201-C*	*MS-1202-C*	*MS-1301-C*	*MS-1302-C*	*MS-1401-C*	*MS-1402-C*	*MS-1501-C*	*MS-1502-C*	*MS-1601-C*	*MS-1602-C*
Sample Date:		*11/10/1993*	*11/10/1993*	*10/25/1993*	*11/10/1993*	*11/10/1993*	*10/25/1993*	*10/25/1993*	*11/10/1993*	*11/10/1993*	*10/25/1993*	*10/25/1993*	*10/26/1993*	*10/26/1993*
Sample Depth:		*0-2 ft BGS*	*5-20 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*5-20 ft BGS*	*0-2 ft BGS*	*5-20 ft BGS*	*0-2 ft BGS*	*5-20 ft BGS*	*0-2 ft BGS*	*5-20 ft BGS*	*0-2 ft BGS*	*5-20 ft BGS*
Parameter	*Units*													
Fluorene	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-	1200
Naphthalene	µg/kg	-	-	-	1500	1800	-	-	-	-	-	-	-	5600
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
PAHs	µg/kg	7300	-	1600	2600	4590	-	-	-	-	-	-	1600	23000
Phenanthrene	µg/kg	3700	-	1600	1100	1300	-	-	-	-	-	-	-	4900
Pyrene	µg/kg	2200	-	-	-	800	-	-	-	-	-	-	1600	3100
Metals														
Aluminum	µg/kg	11700000	5130000	10800000	10900000	12400000	12300000	6190000	14900000	5490000	17300000	5990000	17600000	14700000
Antimony	µg/kg	52000	22000	28200 B	140000	ND (19200)	23500 B	ND (12900)	ND (28100)	ND (12400)	ND (36700)	ND (12600)	34200 B	44100
Arsenic	µg/kg	406000	121000	542000	1790000	223000	332000	159000	149000	84500	128000	20400	132000	27100
Barium	µg/kg	320000	199000	208000	512000	275000	423000	133000	251000	84700	274000	77100	516000	426000
Beryllium	µg/kg	2100 B	720 B	1200 B	1600 B	1200 B	1900 B	550 B	1900 B	420 B	1400 B	450 B	1800 B	2600 B
Cadmium	µg/kg	86300	ND (1200)	113000	31500	4500	133000	3900	50900	1300	94700	11500	114000	156000
Calcium	µg/kg	19000000	8740000	20600000	15900000	6610000	16300000	4930000	13500000	3960000	19500000	4680000	20200000	19000000
Chromium	µg/kg	671000	48800	925000	268000	92000	943000	50800	439000	36100	764000	117000	964000	1100000
Cobalt	µg/kg	34900	13300 B	57100	48300	29300	94500	24300	29300 B	14600	36900 B	13400 B	74400	76400
Copper	µg/kg	22600000	2120000	33400000	34300000	4070000	20800000	2340000	5410000	801000	8900000	1140000	9950000	13400000
Iron	µg/kg	41900000	33300000	49800000	52400000	31900000	46100000	18400000	37600000	16100000	45400000	13200000	43100000	44400000
Iron & manganese (U=0)	µg/kg	42202000	33824000	50095000	52991000	32193000	46361000	18763000	37885000	16256000	45731000	13359000	43395000	44727000
Lead	µg/kg	1270000	277000	1480000	5370000	590000	1580000	302000	848000	161000	1320000	181000	1860000	1700000
Magnesium	µg/kg	6000000	3720000	7210000	7470000	5900000	7050000	4160000	11000000	3690000	13200000	4230000	10900000	7490000
Manganese	µg/kg	302000	524000	295000	591000	293000	261000	363000	285000	156000	331000	159000	295000	327000
Mercury	µg/kg	ND (300)	ND (150)	700	ND (310)	ND (210)	700	340	ND (310)	ND (140)	1600	ND (140)	930	1000
Nickel	µg/kg	343000	320000	2530000	3100000	654000	2200000	175000	732000	97600	1030000	165000	1760000	3870000
Potassium	µg/kg	1070000 B	504000 B	1780000 B	1320000 B	1340000 B	2290000 B	1110000 B	1600000 B	478000 B	3280000 B	1190000 B	4010000	3530000
Selenium	µg/kg	ND (18200)	21700	194000	43200	35900	33700	21000	11000	5800	ND (23900)	2900	6300	13700
Silver	µg/kg	20200	ND (2100)	43200	144000	5000	23200	2700 B	15600	ND (1900)	26000	1900 B	24900	27500
Sodium	µg/kg	5930000	1380000 B	11800000	15400000	4140000	12000000	1540000	15000000	1350000	23400000	2620000	18300000	15300000
Thallium	µg/kg	940 B	380 B	ND (500)	930 B	560 B	ND (480)	ND (280)	610 B	320 B	ND (800)	ND (270)	ND (660)	ND (560)
Vanadium	µg/kg	89100	24700	102000	47800	41500	116000	24700	82800	19500	180000	36300	137000	138000
Zinc	µg/kg	6820000	763000	8830000	8290000	1780000	9490000	962000	3670000	603000	5720000	906000	7860000	12100000
PCBs														
Aroclor-1016 (PCB-1016)	µg/kg	ND (51)	ND (23)	ND (42)	ND (52)	ND (25)	ND (41)	ND (23)	ND (72)	ND (21)	ND (64)	ND (23)	ND (51)	ND (42)
Aroclor-1221 (PCB-1221)	µg/kg	ND (51)	ND (23)	ND (42)	ND (52)	ND (25)	ND (41)	ND (23)	ND (72)	ND (21)	ND (64)	ND (23)	ND (51)	ND (42)
Aroclor-1232 (PCB-1232)	µg/kg	ND (51)	ND (23)	ND (42)	ND (52)	ND (25)	ND (41)	ND (23)	ND (72)	ND (21)	ND (64)	ND (23)	ND (51)	ND (42)
Aroclor-1242 (PCB-1242)	µg/kg	1900	ND (23)	ND (42)	ND (52)	ND (25)	ND (41)	ND (23)	ND (72)	ND (21)	ND (64)	ND (23)	ND (51)	ND (42)
Aroclor-1248 (PCB-1248)	µg/kg	ND (51)	ND (23)	ND (42)	ND (52)	ND (25)	ND (41)	ND (23)	ND (72)	ND (21)	ND (64)	ND (23)	ND (51)	ND (42)
Aroclor-1254 (PCB-1254)	µg/kg	ND (51)	ND (23)	ND (42)	ND (52)	250	ND (41)	ND (23)	ND (72)	ND (21)	ND (64)	ND (23)	ND (51)	ND (42)
Aroclor-1260 (PCB-1260)	µg/kg	910	ND (23)	1200	1100	ND (25)	1000	530	ND (72)	ND (21)	ND (1700)	610	320	340
Total PCBs	µg/kg	2810	ND	1200	1100	250	1000	530	ND	ND	ND	610	320	340
Pesticides														
4,4'-DDD	µg/kg	ND (5.1)	ND (2.3)	ND (4.2)	ND (5.2)	ND (2.5)	ND (4.1)	ND (2.3)	ND (7.2)	ND (2.1)	ND (6.4)	ND (2.3)	ND (5.1)	ND (4.2)

ANALYTICAL RESULTS SUMMARY
SEDIMENT SAMPLE DATA
LAUREL HILL

Sample Location:		*MS10*	*MS10*	*MS11*	*MS12*	*MS12*	*MS13*	*MS13*	*MS14*	*MS14*	*MS15*	*MS15*	*MS16*	*MS16*
Sample ID:		*MS-1001-C*	*MS-1002-C*	*MS-1101-C*	*MS-1201-C*	*MS-1202-C*	*MS-1301-C*	*MS-1302-C*	*MS-1401-C*	*MS-1402-C*	*MS-1501-C*	*MS-1502-C*	*MS-1601-C*	*MS-1602-C*
Sample Date:		*11/10/1993*	*11/10/1993*	*10/25/1993*	*11/10/1993*	*11/10/1993*	*10/25/1993*	*10/25/1993*	*11/10/1993*	*11/10/1993*	*10/25/1993*	*10/25/1993*	*10/26/1993*	*10/26/1993*
Sample Depth:		*0-2 ft BGS*	*5-20 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*5-20 ft BGS*	*0-2 ft BGS*	*5-20 ft BGS*	*0-2 ft BGS*	*5-20 ft BGS*	*0-2 ft BGS*	*5-20 ft BGS*	*0-2 ft BGS*	*5-20 ft BGS*
Parameter	*Units*													
4,4'-DDE	µg/kg	ND (5.1)	ND (2.3)	ND (4.2)	ND (5.2)	ND (2.5)	ND (4.1)	ND (2.3)	ND (7.2)	ND (2.1)	ND (6.4)	ND (2.3)	ND (5.1)	ND (4.2)
4,4'-DDT	µg/kg	ND (10)	ND (4.7)	ND (8.3)	ND (10)	ND (5.1)	ND (8.1)	ND (4.6)	ND (14)	ND (4.2)	ND (13)	ND (4.7)	ND (10)	ND (8.3)
Aldrin	µg/kg	ND (4.0)	ND (1.9)	ND (3.3)	ND (4.2)	ND (2.0)	ND (3.3)	ND (1.8)	ND (5.8)	ND (1.7)	ND (5.1)	ND (1.9)	ND (4.0)	ND (3.3)
alpha-BHC	µg/kg	ND (2.5)	ND (1.2)	ND (2.1)	ND (2.6)	ND (1.3)	ND (2.0)	ND (1.1)	ND (3.6)	ND (1.0)	ND (3.2)	ND (1.2)	ND (2.5)	ND (2.1)
alpha-Chlordane	µg/kg	ND (5.1)	ND (2.3)	ND (4.2)	ND (5.2)	ND (2.5)	ND (4.1)	ND (2.3)	ND (7.2)	ND (2.1)	ND (6.4)	ND (2.3)	ND (5.1)	ND (4.2)
beta-BHC	µg/kg	ND (5.1)	ND (2.3)	ND (4.2)	ND (5.2)	ND (2.5)	ND (4.1)	ND (2.3)	ND (7.2)	ND (2.1)	ND (6.4)	ND (2.3)	ND (5.1)	ND (4.2)
delta-BHC	µg/kg	ND (5.1)	ND (2.3)	ND (4.2)	ND (5.2)	ND (2.5)	ND (4.1)	ND (2.3)	ND (7.2)	ND (2.1)	ND (6.4)	ND (2.3)	ND (5.1)	ND (4.2)
Dieldrin	µg/kg	ND (5.1)	ND (2.3)	ND (4.2)	ND (5.2)	ND (2.5)	ND (4.1)	ND (2.3)	ND (7.2)	ND (2.1)	ND (6.4)	ND (2.3)	ND (5.1)	ND (4.2)
Endosulfan I	µg/kg	ND (5.1)	ND (2.3)	ND (4.2)	ND (5.2)	ND (2.5)	ND (4.1)	ND (2.3)	ND (7.2)	ND (2.1)	ND (6.4)	ND (2.3)	ND (5.1)	ND (4.2)
Endosulfan II	µg/kg	ND (5.1)	ND (2.3)	ND (4.2)	ND (5.2)	ND (2.5)	ND (4.1)	ND (2.3)	ND (7.2)	ND (2.1)	ND (6.4)	ND (2.3)	ND (5.1)	ND (4.2)
Endosulfan sulfate	µg/kg	ND (10)	ND (4.7)	ND (8.3)	ND (10)	ND (5.1)	ND (8.1)	ND (4.6)	ND (14)	ND (4.2)	ND (13)	ND (4.7)	ND (10)	ND (8.3)
Endrin	µg/kg	ND (5.1)	ND (2.3)	ND (4.2)	ND (5.2)	ND (2.5)	ND (4.1)	ND (2.3)	ND (7.2)	ND (2.1)	ND (6.4)	ND (2.3)	ND (5.1)	ND (4.2)
Endrin aldehyde	µg/kg	ND (5.1)	ND (2.3)	ND (4.2)	ND (5.2)	ND (2.5)	ND (4.1)	ND (2.3)	ND (7.2)	ND (2.1)	ND (6.4)	ND (2.3)	ND (5.1)	ND (4.2)
Endrin ketone	µg/kg	ND (5.1)	ND (2.3)	ND (4.2)	ND (5.2)	ND (2.5)	ND (4.1)	ND (2.3)	ND (7.2)	ND (2.1)	ND (6.4)	ND (2.3)	ND (5.1)	ND (4.2)
gamma-BHC (lindane)	µg/kg	ND (5.1)	ND (2.3)	ND (4.2)	ND (5.2)	ND (2.5)	ND (4.1)	ND (2.3)	ND (7.2)	ND (2.1)	ND (6.4)	ND (2.3)	ND (5.1)	ND (4.2)
gamma-Chlordane	µg/kg	ND (5.1)	ND (2.3)	ND (4.2)	ND (5.2)	ND (2.5)	ND (4.1)	ND (2.3)	ND (7.2)	ND (2.1)	ND (6.4)	ND (2.3)	ND (5.1)	ND (4.2)
Heptachlor	µg/kg	ND (4.0)	ND (1.9)	ND (3.3)	ND (4.2)	ND (2.0)	ND (3.3)	ND (1.8)	ND (5.8)	ND (1.7)	ND (5.1)	ND (1.9)	ND (4.0)	ND (3.3)
Heptachlor epoxide	µg/kg	ND (10)	ND (4.7)	ND (8.3)	ND (10)	ND (5.1)	ND (8.1)	ND (4.6)	ND (14)	ND (4.2)	ND (13)	ND (4.7)	ND (10)	ND (8.3)
Methoxychlor	µg/kg	ND (40)	ND (19)	ND (33)	ND (42)	ND (20)	ND (33)	ND (18)	ND (58)	ND (17)	ND (51)	ND (19)	ND (40)	ND (33)
Total aldrin & dieldrin (U=0)	µg/kg	ND (0)	ND (0)	ND (0)	ND (0)	ND (0)	ND (0)	ND (0)	ND (0)	ND (0)	ND (0)	ND (0)	ND (0)	ND (0)
Total DDT (ND=0)	µg/kg	ND (0)	ND (0)	ND (0)	ND (0)	ND (0)	ND (0)	ND (0)	ND (0)	ND (0)	ND (0)	ND (0)	ND (0)	ND (0)
Total heptachlor & heptachlor epoxide (U=0)	µg/kg	ND (0)	ND (0)	ND (0)	ND (0)	ND (0)	ND (0)	ND (0)	ND (0)	ND (0)	ND (0)	ND (0)	ND (0)	ND (0)
Toxaphene	µg/kg	ND (25)	ND (12)	ND (21)	ND (26)	ND (13)	ND (20)	ND (11)	ND (36)	ND (10)	ND (32)	ND (12)	ND (25)	ND (21)
Petroleum Hydrocarbons														
Total Petroleum Hydrocarbons	µg/kg	34200000	3970000	2300000	25600000	5520000	16400000	663000	13900000	1180000	2890000	937000	24000000	1810000
General Chemistry														
Cyanide (total)	µg/kg	ND (3000)	500	16900	ND (3100)	ND (2100)	ND (2400)	ND (1400)	ND (3100)	ND (1300)	ND (4000)	ND (1400)	ND (3300)	ND (2800)
Oil and grease	µg/kg	52500000	5220000	3460000	32600000	10300000	28000000	1100000	15600000	1830000	4060000	1360000	36300000	2710000

Notes:

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

E - Exceed calibration range of GC/MS instrument.

J - Estimated.

P - Difference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

U - Not present at or above the associated value.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.

ANALYTICAL RESULTS SUMMARY
SEDIMENT SAMPLE DATA
LAUREL HILL

Sample Location:		*MS17*	*MS17*	*MS18*	*MS18*	*MS19*	*MS19*	*MS19*	*MS20*	*MS20*
Sample ID:		*MS-1701-C*	*MS-1702-C*	*MS-1801-C*	*MS-1802-C*	*MS-1901-C*	*MS-1901-C-FD*	*MS-1902-C*	*MS-2001-C*	*MS-2002-C*
Sample Date:		*10/25/1993*	*10/25/1993*	*10/26/1993*	*10/26/1993*	*10/26/1993*	*10/26/1993*	*10/26/1993*	*10/26/1993*	*10/26/1993*
Sample Depth:		*0-2 ft BGS*	*5-20 ft BGS*	*0-2 ft BGS*	*5-20 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*5-20 ft BGS*	*0-2 ft BGS*	*5-20 ft BGS*
							Duplicate			
Parameter	*Units*									
Volatiles										
1,1,1-Trichloroethane	µg/kg	ND (7100)	ND (11000)	ND (9)	ND (10)	ND (6900)	ND (4000)	ND (5800)	ND (2700)	ND (69)
1,1,2,2-Tetrachloroethane	µg/kg	ND (7100)	ND (11000)	ND (9)	ND (10)	ND (6900)	ND (4000)	ND (5800)	ND (2700)	ND (69)
1,1,2-Trichloroethane	µg/kg	ND (7100)	ND (11000)	ND (9)	ND (10)	ND (6900)	ND (4000)	ND (5800)	ND (2700)	ND (69)
1,1-Dichloroethane	µg/kg	ND (7100)	ND (11000)	ND (9)	ND (10)	ND (6900)	ND (4000)	ND (5800)	ND (2700)	ND (69)
1,1-Dichloroethene	µg/kg	ND (7100)	ND (11000)	ND (9)	ND (10)	ND (6900)	ND (4000)	ND (5800)	ND (2700)	ND (69)
1,2-Dichloroethane	µg/kg	ND (7100)	ND (11000)	ND (9)	ND (10)	ND (6900)	ND (4000)	ND (5800)	ND (2700)	ND (69)
1,2-Dichloroethene (total)	µg/kg	ND (7100)	ND (11000)	ND (9)	ND (10)	ND (6900)	ND (4000)	ND (5800)	ND (2700)	ND (69)
1,2-Dichloropropane	µg/kg	ND (7100)	ND (11000)	ND (9)	ND (10)	ND (6900)	ND (4000)	ND (5800)	ND (2700)	ND (69)
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	ND (7100)	ND (11000)	ND (19)	ND (20)	ND (6900)	ND (4000)	2300 J	1200 J	ND (140)
2-Hexanone	µg/kg	ND (7100)	ND (11000)	ND (19)	ND (20)	ND (6900)	ND (4000)	ND (5800)	ND (2700)	ND (140)
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	ND (7100)	ND (11000)	ND (19)	ND (20)	ND (6900)	ND (4000)	ND (5800)	ND (2700)	ND (140)
Acetone	µg/kg	ND (7100)	ND (11000)	ND (19)	ND (20)	ND (6900)	ND (4000)	ND (5800)	ND (2700)	ND (140)
Benzene	µg/kg	ND (7100)	3200 J	ND (9)	ND (10)	ND (6900)	ND (4000)	3700 J	ND (2700)	ND (69)
Bromodichloromethane	µg/kg	ND (7100)	ND (11000)	ND (9)	ND (10)	ND (6900)	ND (4000)	ND (5800)	ND (2700)	ND (69)
Bromoform	µg/kg	ND (7100)	ND (11000)	ND (9)	ND (10)	ND (6900)	ND (4000)	ND (5800)	ND (2700)	ND (69)
Bromomethane (Methyl bromide)	µg/kg	ND (7100)	ND (11000)	ND (19)	ND (20)	ND (6900)	ND (4000)	ND (5800)	ND (2700)	ND (140)
Carbon disulfide	µg/kg	ND (7100)	ND (11000)	ND (9)	ND (10)	ND (6900)	ND (4000)	ND (5800)	ND (2700)	ND (69)
Carbon tetrachloride	µg/kg	ND (7100)	ND (11000)	ND (9)	ND (10)	ND (6900)	ND (4000)	ND (5800)	ND (2700)	ND (69)
Chlorobenzene	µg/kg	ND (7100)	ND (11000)	ND (9)	ND (10)	ND (6900)	ND (4000)	ND (5800)	ND (2700)	ND (69)
Chloroethane	µg/kg	ND (7100)	ND (11000)	ND (19)	ND (20)	ND (6900)	ND (4000)	ND (5800)	ND (2700)	ND (140)
Chloroform (Trichloromethane)	µg/kg	ND (7100)	ND (11000)	ND (9)	ND (10)	ND (6900)	ND (4000)	ND (5800)	ND (2700)	ND (69)
Chloromethane (Methyl chloride)	µg/kg	ND (7100)	ND (11000)	ND (19)	ND (20)	ND (6900)	ND (4000)	ND (5800)	ND (2700)	ND (140)
cis-1,3-Dichloropropene	µg/kg	ND (7100)	ND (11000)	ND (9)	ND (10)	ND (6900)	ND (4000)	ND (5800)	ND (2700)	ND (69)
Dibromochloromethane	µg/kg	ND (7100)	ND (11000)	ND (9)	ND (10)	ND (6900)	ND (4000)	ND (5800)	ND (2700)	ND (69)
Ethylbenzene	µg/kg	ND (7100)	5700 J	ND (9)	ND (10)	2300 J	1500 J	5500 J	350 J	ND (69)
Methylene chloride	µg/kg	ND (7100)	ND (11000)	ND (9)	ND (10)	ND (6900)	ND (4000)	ND (5800)	ND (2700)	ND (69)
Styrene	µg/kg	ND (7100)	ND (11000)	ND (9)	ND (10)	ND (6900)	ND (4000)	ND (5800)	ND (2700)	ND (69)
Tetrachloroethene	µg/kg	ND (7100)	ND (11000)	ND (9)	ND (10)	1600 J	ND (4000)	ND (5800)	510 J	ND (69)
Toluene	µg/kg	ND (7100)	2200 J	ND (9)	ND (10)	2000 J	1600 J	4700 J	390 J	35 J
trans-1,3-Dichloropropene	µg/kg	ND (7100)	ND (11000)	ND (9)	ND (10)	ND (6900)	ND (4000)	ND (5800)	ND (2700)	ND (69)
Trichloroethene	µg/kg	ND (7100)	ND (11000)	4 J	ND (10)	ND (6900)	ND (4000)	ND (5800)	ND (2700)	ND (69)
Vinyl chloride	µg/kg	ND (7100)	ND (11000)	ND (19)	ND (20)	ND (6900)	ND (4000)	ND (5800)	ND (2700)	ND (140)
Xylenes (total)	µg/kg	ND (7100)	17000	ND (9)	ND (10)	28000	17000	39000	1600 J	ND (69)
Semi-Volatiles										
2-Methylnaphthalene	µg/kg	-	850	-	-	-	-	860	-	-
Acenaphthylene	µg/kg	-	-	-	-	-	-	-	-	-
Anthracene	µg/kg	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	µg/kg	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	13100	-	-	-	6900	-	2000	4700	-
Chrysene	µg/kg	-	-	-	-	-	-	-	-	-
Fluoranthene	µg/kg	-	-	-	-	600	-	-	-	-

ANALYTICAL RESULTS SUMMARY
SEDIMENT SAMPLE DATA
LAUREL HILL

Sample Location:		*MS17*	*MS17*	*MS18*	*MS18*	*MS19*	*MS19*	*MS19*	*MS20*	*MS20*
Sample ID:		*MS-1701-C*	*MS-1702-C*	*MS-1801-C*	*MS-1802-C*	*MS-1901-C*	*MS-1901-C-FD*	*MS-1902-C*	*MS-2001-C*	*MS-2002-C*
Sample Date:		*10/25/1993*	*10/25/1993*	*10/26/1993*	*10/26/1993*	*10/26/1993*	*10/26/1993*	*10/26/1993*	*10/26/1993*	*10/26/1993*
Sample Depth:		*0-2 ft BGS*	*5-20 ft BGS*	*0-2 ft BGS*	*5-20 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*5-20 ft BGS*	*0-2 ft BGS*	*5-20 ft BGS*
							Duplicate			
Parameter	*Units*									
Fluorene	µg/kg	-	-	-	-	-	-	-	-	-
Naphthalene	µg/kg	-	1200	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-	-	-	-
PAHs	µg/kg	-	2300	-	-	1920	-	-	-	-
Phenanthrene	µg/kg	-	1100	-	-	620	-	-	-	-
Pyrene	µg/kg	-	-	-	-	700	-	-	-	-
Metals										
Aluminum	µg/kg	15600000	16200000	15900000	13600000	6710000	6680000	15200000	13300000	16500000
Antimony	µg/kg	ND (31000)	ND (21200)	ND (17400)	ND (16300)	ND (13600)	ND (13700)	45900	ND (19500)	ND (17900)
Arsenic	µg/kg	111000	525000	9300	9600	12900	25900	234000	26900	7700
Barium	µg/kg	345000	463000	35300 B	31300 B	502000	499000	478000	263000	37100 B
Beryllium	µg/kg	1300 B	1300 B	1300 B	1200 B	730 B	760 B	3600	1100 B	980 B
Cadmium	µg/kg	86000	22600	ND (1500)	ND (1400)	19100	19400	84500	17600	ND (1600)
Calcium	µg/kg	19600000	8900000	2420000	2620000	13900000	13800000	16600000	4970000	2800000
Chromium	µg/kg	580000	249000	34000	32100	222000	224000	895000	128000	37700
Cobalt	µg/kg	58100	66400	10800 B	10000 B	40000	40900	98700	44400	11900 B
Copper	µg/kg	6100000	8240000	16200	39200	1180000	1170000	15700000	7070000	36900
Iron	µg/kg	38200000	54800000	34100000	32700000	20400000	20300000	42800000	35600000	36000000
Iron & manganese (U=0)	µg/kg	38404000	55198000	34567000	33133000	20546000	20447000	43071000	35927000	36466000
Lead	µg/kg	1960000	1220000	15800	15400	1420000	1420000	2780000	928000	19500
Magnesium	µg/kg	11000000	7980000	7650000	6820000	5540000	5500000	7520000	6440000	7920000
Manganese	µg/kg	204000	398000	467000	433000	146000	147000	271000	327000	466000
Mercury	µg/kg	1000	2000	ND (190)	ND (180)	320	390	3100	680	ND (190)
Nickel	µg/kg	756000	1700000	25600	24000	213000	213000	2710000	256000	29400
Potassium	µg/kg	2400000 B	2990000	3090000	3120000	1510000	1380000 B	3100000	2720000	3200000
Selenium	µg/kg	ND (20200)	26700	ND (1100)	ND (1100)	ND (900)	ND (900)	13400	ND (1300)	ND (1200)
Silver	µg/kg	21500	3500 B	ND (2600)	ND (2500)	3500	4000	16900	ND (3000)	ND (2700)
Sodium	µg/kg	17900000	11300000	6160000	3840000	-	-	13400000	7650000	5200000
Thallium	µg/kg	ND (670)	ND (460)	ND (380)	ND (350)	ND (300)	ND (300)	ND (510)	-	ND (390)
Vanadium	µg/kg	131000	64300	37800	34900	43300	42200	135000	55900	39500
Zinc	µg/kg	5570000	5690000	95600	93200	1490000	1490000	12300000	2770000	107000
PCBs										
Aroclor-1016 (PCB-1016)	µg/kg	ND (95)	ND (76)	ND (31)	ND (33)	ND (190)	ND (27)	ND (39)	ND (35)	ND (46)
Aroclor-1221 (PCB-1221)	µg/kg	ND (95)	ND (76)	ND (31)	ND (33)	ND (190)	ND (27)	ND (39)	ND (35)	ND (46)
Aroclor-1232 (PCB-1232)	µg/kg	ND (95)	ND (76)	ND (31)	ND (33)	ND (190)	ND (27)	ND (39)	ND (35)	ND (46)
Aroclor-1242 (PCB-1242)	µg/kg	ND (95)	ND (76)	ND (31)	ND (33)	ND (190)	ND (27)	ND (39)	ND (35)	ND (46)
Aroclor-1248 (PCB-1248)	µg/kg	ND (95)	ND (76)	ND (31)	ND (33)	ND (190)	ND (27)	ND (39)	ND (35)	ND (46)
Aroclor-1254 (PCB-1254)	µg/kg	ND (95)	ND (76)	ND (31)	ND (33)	ND (190)	ND (27)	ND (39)	ND (35)	ND (46)
Aroclor-1260 (PCB-1260)	µg/kg	2100	1400	140	150	3000	240	140	900	190
Total PCBs	µg/kg	2100	1400	140	150	3000	240	140	900	190
Pesticides										
4,4'-DDD	µg/kg	ND (9.5)	ND (7.6)	ND (3.1)	ND (3.3)	ND (19)	ND (2.7)	ND (3.9)	ND (3.5)	ND (4.6)

ANALYTICAL RESULTS SUMMARY
SEDIMENT SAMPLE DATA
LAUREL HILL

Sample Location:		*MS17*	*MS17*	*MS18*	*MS18*	*MS19*	*MS19*	*MS19*	*MS20*	*MS20*
Sample ID:		*MS-1701-C*	*MS-1702-C*	*MS-1801-C*	*MS-1802-C*	*MS-1901-C*	*MS-1901-C-FD*	*MS-1902-C*	*MS-2001-C*	*MS-2002-C*
Sample Date:		*10/25/1993*	*10/25/1993*	*10/26/1993*	*10/26/1993*	*10/26/1993*	*10/26/1993*	*10/26/1993*	*10/26/1993*	*10/26/1993*
Sample Depth:		*0-2 ft BGS*	*5-20 ft BGS*	*0-2 ft BGS*	*5-20 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*5-20 ft BGS*	*0-2 ft BGS*	*5-20 ft BGS*
							Duplicate			
Parameter	*Units*									
4,4'-DDE	µg/kg	ND (9.5)	ND (7.6)	ND (3.1)	ND (3.3)	ND (19)	ND (2.7)	ND (3.9)	ND (3.5)	ND (4.6)
4,4'-DDT	µg/kg	ND (19)	ND (15)	ND (6.3)	ND (6.7)	ND (37)	ND (5.4)	ND (7.8)	ND (7.1)	ND (9.3)
Aldrin	µg/kg	ND (7.6)	ND (6.1)	ND (2.5)	ND (2.7)	ND (15)	ND (2.2)	ND (3.1)	ND (2.8)	ND (3.7)
alpha-BHC	µg/kg	ND (4.8)	ND (3.8)	ND (1.6)	ND (1.7)	ND (9.3)	ND (1.3)	ND (1.9)	ND (1.8)	ND (2.3)
alpha-Chlordane	µg/kg	ND (9.5)	ND (7.6)	ND (3.1)	ND (3.3)	ND (19)	ND (2.7)	ND (3.9)	ND (3.5)	ND (4.6)
beta-BHC	µg/kg	ND (9.5)	ND (7.6)	ND (3.1)	ND (3.3)	ND (19)	ND (2.7)	ND (3.9)	ND (3.5)	ND (4.6)
delta-BHC	µg/kg	ND (9.5)	ND (7.6)	ND (3.1)	ND (3.3)	ND (19)	ND (2.7)	ND (3.9)	ND (3.5)	ND (4.6)
Dieldrin	µg/kg	ND (9.5)	ND (7.6)	ND (3.1)	ND (3.3)	ND (19)	ND (2.7)	ND (3.9)	ND (3.5)	ND (4.6)
Endosulfan I	µg/kg	ND (9.5)	ND (7.6)	ND (3.1)	ND (3.3)	ND (19)	ND (2.7)	ND (3.9)	ND (3.5)	ND (4.6)
Endosulfan II	µg/kg	ND (9.5)	ND (7.6)	ND (3.1)	ND (3.3)	ND (19)	ND (2.7)	ND (3.9)	ND (3.5)	ND (4.6)
Endosulfan sulfate	µg/kg	ND (19)	ND (15)	ND (6.3)	ND (6.7)	ND (37)	ND (5.4)	ND (7.8)	ND (7.1)	ND (9.3)
Endrin	µg/kg	ND (9.5)	ND (7.6)	ND (3.1)	ND (3.3)	ND (19)	ND (2.7)	ND (3.9)	ND (3.5)	ND (4.6)
Endrin aldehyde	µg/kg	ND (9.5)	ND (7.6)	ND (3.1)	ND (3.3)	ND (19)	ND (2.7)	ND (3.9)	ND (3.5)	ND (4.6)
Endrin ketone	µg/kg	ND (9.5)	ND (7.6)	ND (3.1)	ND (3.3)	ND (19)	ND (2.7)	ND (3.9)	ND (3.5)	ND (4.6)
gamma-BHC (lindane)	µg/kg	ND (9.5)	ND (7.6)	ND (3.1)	ND (3.3)	ND (19)	ND (2.7)	ND (3.9)	ND (3.5)	ND (4.6)
gamma-Chlordane	µg/kg	ND (9.5)	ND (7.6)	ND (3.1)	ND (3.3)	ND (19)	ND (2.7)	ND (3.9)	ND (3.5)	ND (4.6)
Heptachlor	µg/kg	ND (7.6)	ND (6.1)	ND (2.5)	ND (2.7)	ND (15)	ND (2.2)	ND (3.1)	ND (2.8)	ND (3.7)
Heptachlor epoxide	µg/kg	ND (19)	ND (15)	ND (6.3)	ND (6.7)	ND (37)	ND (5.4)	ND (7.8)	ND (7.1)	ND (9.3)
Methoxychlor	µg/kg	ND (76)	ND (61)	ND (25)	ND (27)	ND (150)	ND (22)	ND (31)	ND (28)	ND (37)
Total aldrin & dieldrin (U=0)	µg/kg	ND (0)	ND (0)	ND (0)	ND (0)	ND (0)	ND (0)	ND (0)	ND (0)	ND (0)
Total DDT (ND=0)	µg/kg	ND (0)	ND (0)	ND (0)	ND (0)	ND (0)	ND (0)	ND (0)	ND (0)	ND (0)
Total heptachlor & heptachlor epoxide (U=0)	µg/kg	ND (0)	ND (0)	ND (0)	ND (0)	ND (0)	ND (0)	ND (0)	ND (0)	ND (0)
Toxaphene	µg/kg	ND (48)	ND (38)	ND (16)	ND (17)	ND (93)	R	ND (19)	ND (18)	ND (23)
Petroleum Hydrocarbons										
Total Petroleum Hydrocarbons	µg/kg	23000000	8890000	229000	330000	3150000	3010000	5550000	3760000	708000
General Chemistry										
Cyanide (total)	µg/kg	ND (3400)	ND (2300)	ND (1900)	ND (1800)	-	ND (1500)	ND (2500)	ND (2100)	ND (1900)
Oil and grease	µg/kg	41800000	14800000	351000	438000	4720000	-	8200000	5510000	1020000

Notes:

B - Reported value is less than the Contract Required Detection Limits but greater than the Instrument Detection Limits.

D - Compounds at secondary dilution factor.

E - Exceed calibration range of GC/MS instrument.

J - Estimated.

P - Difference for detected Aroclor > 25% between 2 GC columns.

R - Rejected.

U - Not present at or above the associated value.

X - Result may have been masked by the positive detection of another Aroclor.

- - Not applicable.