SOLUTIA. Solutions for a better life.™

Solutia Inc.
575 Maryville Centre Drive
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St. Louis, Missouri 63166-6760
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June 18, 2004

Mr. Bill Wentworth
Waste and Chemicals Management Division (3WC23)
USEPA Region III
1650 Arch Street
Philadelphia, Pennsylvania 19103

Mr. Thomas L. Bass
West Virginia Department of Environmental Protection
Office of Waste Management
1356 Hansford Street
Charleston, West Virginia 25301-1401

Re: Nitro, WV Flexsys Facility
PDA SWMU Investigation Final Report

Dear Mr. Wentworth and Mr. Bass:

Solutia Inc. is pleased to present the attached Past Disposal Area (PDA) SWMU Investigation Final Report. This field investigation and study was completed in accordance with the sampling plan and procedures proposed in the PDA Waste Characterization Investigation Work Plan dated October 2002. This report provides a summary of the field data and analytical results from soil samples collected at the site during the investigation.

Please feel free to contact me at 314-674-6717 should you have any questions or require additional information.

Sincerely,

Michael House

Michael House
Manager, Remedial Projects
Solutia Inc.

c: Bruce Yare – Solutia
Mike Light – Potesta
Ron Potesta – Potesta

PDA SWMU INVESTIGATION
FINAL REPORT

Past Disposal Area/Tee Pee Incinerator/Niran Pits
Flexsys Nitro Plant Facility
Nitro, West Virginia

Prepared for:

Solutia Inc.
675 Maryville Centre Drive
St. Louis, Missouri 63141

Prepared by:

Potesta & Associates, Inc.
2300 MacCorkle Avenue, SE
Charleston, West Virginia 25304
Phone: (304) 342-1400 Fax: (304) 343-9031
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Project No. 01-0081-120A

June 2004

POTESTA

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PDA SWMU INVESTIGATION
FINAL REPORT

Past Disposal Area/Tee Pee Incinerator/Niran Pits
Flexsys Nitro Plant Facility
Nitro, West Virginia

1.0 INTRODUCTION AND PURPOSE

This report presents a summary of work completed by Solutia Inc. (Solutia) and associated contractors/consultants related to the investigation of a Solid Waste Management Unit (SWMU) located within the boundaries of the Flexsys America L.P. (Flexsys) chemical production facility (plant) located in Nitro, West Virginia. This report has been prepared pursuant to the current facility Resource Conservation and Recovery Act (RCRA) permit (EPA ID No. WVD039990965). The site location map for this area is located in Appendix A (Figure 1).

The Past Disposal Area (PDA) encompasses approximately 10.5 acres and is located in the northern portion of the plant process area adjacent to the Kanawha River. The area was designated as a SWMU in the RCRA Facility Investigation (RFI) and Stabilization/Corrective Measures Plan, dated May 5, 1995. Two additional SWMU areas were also delineated within the limits of the PDA, these included the Niran Waste Pits and the Teepee Incinerator. A third area of concern was noted by the United States Environmental Protection Agency (USEPA) during a review of environmental data in 2002. This area was referred to as the water filled depression and is associated with a low area characterized by poor drainage which is located along the southeastern corner of the PDA.

The PDA was most recently used for the storage of salvage materials generated from demolition and retrofitting activities in various areas of the plant facility. The entire area was closed and the ground surface was covered by a layer of gravel in 1985 as part of a Consent Agreement with the USEPA Region III (III-85-17-DC). Surface water from the PDA is prevented from discharging off the property onto the adjacent West Virginia Alcohol Beverage Control Commission property by a site boundary perimeter berm constructed from soil. This berm is approximately 2 to 4 feet in height and runs the entire eastern boundary of the PDA. This berm also serves to concentrate surface runoff during storm events conveying it to a low area on the site which is often characterized by standing water. This area was described in the 1995 RFI Report as the water filled depression.

The RFI indicated that the Teepee Incinerator was utilized to burn general plant trash and rubbish. No records exist regarding the exact nature, quantity and type of trash burned in the facility; however, there is no specific knowledge that hazardous constituents were burned at the facility. The unit was in operation beginning in approximately 1958 and continued until 1962 when it was demolished and removed from the site.

The other SWMU located within the PDA is referred to as the Niran Pits. Little information is known regarding the use and extent of these waste disposal areas. It is generally thought that open pits were utilized for the disposal of materials associated with the production of a broad spectrum insecticide known as Niran (a.k.a. Ethyl Parathion). Compounds used in the production of Niran include 2,4,5-trichlorophenol. Hazardous compounds formed during the degradation of Niran include 2,4,5-trichlorophenol and p-nitrophenol. There is currently no evidence as to the depth or aerial extent of these waste disposal areas; however, two separate pit locations are delineated on the RFI site mapping.

The work proposed during this investigation was outlined in the Site Assessment Work Plan (SAWP) dated October 31, 2002. This document was prepared and submitted to both the United States Environmental Protection Agency (USEPA) – Region III and the West Virginia Department of Environmental Protection – Division of Land Restoration (WVDEP-DLR) for review, comment and approval. This report has been prepared to present the results of the PDA SWMU Investigation.

The analytical data generated as part of this investigation includes data resulting from two separate sampling events as described in the SAWP for the PDA Waste Characterization Investigation, dated June 2003, as well as the CA-750 Groundwater Characterization Investigation, dated May 2003. Analytical methods for these SAWPs were selected in order to identify constituents of potential concern (COPC), potential source areas, and affected media. COPC include:

- Target Compound List (TCL) VOCs
- TCL SVOCs plus Aniline, Ethyl Parathion, and n-Nitrosodiphenylamine
- TCL Chlorinated Dibenzo-p-Dioxin/Dibenzofuran Congeners
- TAL Metals
- Appendix IX Chlorinated Herbicides

This investigation was limited to the surficial and subsurface soils; groundwater results for the area are presented and summarized in the aforementioned CA-750 Groundwater Characterization Investigation which was prepared and issued final on May 28, 2004. This work was compiled to allow for the completion of the CA-750 Groundwater Environmental Indicator for the site.

This final report provides background information related to this site and summarizes the completed assessment activities and associated laboratory analyses. All work was performed in compliance with the current facility RCRA Corrective Action permit. Test results from previous sampling and analyses of near surface soils completed in the mid 1980s indicated that surficial soils in the PDA contain 2,3,7,8-TCDD. These results were considered in the development of the work plan, health and safety plan, and quality assurance protection plan. The health and safety plan addressed potential site worker exposure concerns from these chemicals. The quality assurance and quality controls were applied to this work as per the Quality Assurance Project Plan associated with this project. The purpose of the performed work was to safely assess the PDA's surficial and subsurface soils in general accordance with the state and federal regulations

and standard industry practices as a part of an initial screening investigation of this area of the chemical production facility.

1.1 Previous Investigations and Studies

Several other studies and investigations were completed under the guidance of the USEPA-Region III and the WVDEP-DLR on plant areas adjacent to the PDA as detailed in the following SAWPs:

- Surface Water and Sediment Sampling Event in the Kanawha River, Roux Associates, Inc., September/October 2001.
  - Collection of 23 sediment and 13 surface water samples from three segments along the eastern bank of the Kanawha River adjacent to the plant facility. Testing included VOC and SVOC analyses.
- Supplemental Surface Water and Sediment Sampling Work Plan, Roux Associates, Inc., September 2002.
  - Collection and analysis of sediment samples from seven of the locations sampled during the 2001 event. These samples were analyzed for dioxin/furan congeners only.
  - Collection of surface water and sediment samples from an additional 18 sediment and surface water sample locations from four new segments along the riverbank. These intervals were established to fill in the data gaps from the previously completed 2001 sampling event. The completed analyses included VOCs, SVOCs, Dioxins/Furans, and TOC.
  - Completion of bioassay toxicity tests utilizing soil samples collected from 24 locations along the riverbank.
  - Collection of Passive Vapor Diffusion Samples at 17 locations along the riverbank for soil vapor analysis.
- Low Flow Surface Water Sampling Event in the Kanawha River, Roux Associates, Inc., September 2002.
  - Collection of 21 surface water samples, including two background samples, from previously sampled locations.

- CA-750 Groundwater Characterization Investigation, Potesta & Associates, Inc., May 2004.
  - Collection of groundwater samples at 34 individual locations throughout both the process and wastewater treatment unit areas of the facility. Three individual groundwater samples were collected at each location, one at the potentiometric surface, a second from a depth midway between the potentiometric surface and the top of bedrock, and a third sample from a point immediately above bedrock at the base of the unconsolidated aquifer. Analyses included VOCs, SVOCs, dioxins/furans, herbicides, limited pesticides, and both total and suspended metals.

2.0 GENERAL SITE INFORMATION

2.1 Background Information

The Flexsys chemical production facility is located along the eastern bank of the Kanawha River within the city limits of Nitro in Putnam County, West Virginia. The general location of the facility is shown on the site location map presented in Appendix A (Figure 1), which was reproduced from the United States Geological Survey (USGS) 7.5-minute topographical St. Albans quadrangle map. The PDA site is a 10.5-acre triangular piece of land located in the northern portion of the process area adjacent to the Kanawha River within the Flexsys facility.

2.2 Topography and Geologic Setting

The city of Nitro is located in Putnam County in the southwest region of the state on the Allegheny Plateau physiographic province. The PDA site is located along the eastern bank of the Kanawha River upon a prominent alluvial terrace rising 20 to 30 feet above the surface of the river. The unconsolidated alluvial deposits consist predominantly of sand, silt and clay. Coarse sand and gravel are commonly found near the lower portions of the alluvial deposit just above shale bedrock. Bedrock underlying the site is encountered at an average depth of 58 feet below the ground surface. Site topography is relatively flat with a relief of less than 10 feet across the study area.

3.0 FIELD AND SAMPLING ACTIVITIES

3.1 Preliminary Activities

All on-site activities were coordinated with the USEPA - Region III and the WVDEP-DLR offices. Miss Utility of West Virginia and Flexsys plant personnel were notified before any on-site activities commenced. Prior to the July 29, 2003 startup date, Potesta & Associates, Inc. (POTESTA) deployed one Geoprobe direct-push sampling unit on-site along with supplemental and ancillary items required for the completion of these sampling activities. All on-site

personnel attended an initial safety meeting held by Mr. Dave Junker of POTESTA. Daily safety meetings were held to reemphasize the sound safety practices to be followed and to inform field personnel of the days planned activities. During the first day of the sampling event, a special excavation permit was obtained from Flexsys plant officials. This excavation permit was required since the drilling and sampling work was to be completed within the boundaries of the PDA which is designated as a "no-dig" area due to surficial 2,3,7,8-TCDD dioxin concentrations. This permit required the preparation of a health and safety plan which required the use of special personal protective equipment while on-site and during all sampling activities within the PDA.

After issuance of the required permits and buried utility clearances, the sampling grid was staked out in the field. Due to the use of a large portion of the PDA site for equipment storage, many of the sampling locations were obscured. In these cases, the samples were relocated to the nearest point of relief. The attached figures, which present analytical results of the investigation, show the proposed sample collection grid and points, as well as the final sample collection locations. Immediately after the collection of a sample, the point was delineated in the field with a survey stake. Following the completion of the field investigation, a POTESTA survey crew returned to the site to locate all of the sampling points. The results of this survey are shown on the attached figures indicating the exact location where samples were collected.

3.2 Sampling Event

On July 29, 2003, POTESTA personnel and a direct-push Geoprobe® rig and operator from EnviroProbe, Inc. of Spencer, West Virginia were on-site to begin sampling. Prior to beginning the investigation, a hotline outlining the exclusion zone was delineated around the Geoprobe® unit and sampling location. This exclusion zone was mobile and moved with the rig from location to location. This area was restricted to personnel performing the sampling and drilling procedures. All personnel in the exclusion zone, as well as personnel located in the support zone, were equipped with level "B" PPE. A Flame Ionization Detector (FID) was used to detect the presence of harmful volatiles in exposed core or grab samples; if the exposed core or grab samples tested negative, then the PPE could be downgraded.

3.2.1 Soil Sampling

Soil borings were advanced at 22 locations (Appendix C) with two homogenized soil samples collected per soil boring: a surficial sample (0 to 0.5 feet) and a 0.5-foot to 6.0-foot composite sample. The Geoprobe® unit was not utilized for the collection of the surficial soil samples; instead, the overlying gravel was removed to expose the ground surface and a plastic scoop was used to collect the sample to a depth of 6 inches. A plastic bag was then used for the sample collection. After the grab samples were collected, the soil samples were visually classified and logged by Dave Junker in general accordance with the Unified Soil Classification System (modified by American Society for Testing and Materials [ASTM], 2000). A log of the soil and waste descriptions was maintained and is presented in Appendix C. Once a proper description of the materials were made, the samples were placed into labeled sample containers and sent by appropriate chain-of-custody to the laboratory for testing.

For the 0.5-foot to 6.0-foot sample, the Geoprobe® direct-push unit was advanced to the proper depth, the drill probe extracted, and the Macro Core sampler removed and labeled appropriately. Following the logging, extraction of the soil sample was completed. This was completed by opening the sampling tubes using a Geoprobe® cutting shoe. Each of the core samples were immediately scanned using the FID for high levels of VOCs. After the soil description was recorded, a composite sample was taken composed of sections of the core sample where the higher FID readings were indicated. In those cases where high levels were not detected, or where the FID did not indicate any distinct range differences of VOCs, then a basic composite sample was collected for analytical testing.

3.2.2 Waste Sampling

Areas of concern associated with the PDA included the two individual Niran Pit areas, Teepee Incinerator and the Water-Filled Depression. These areas were denoted in the RFI report as potential waste disposal areas. As part of this investigation, soil borings were advanced in each of the areas in an attempt to characterize the waste materials. Continuous samples of soil and waste materials were collected from ground surface to 2 feet below the bottom of the suspected waste material. Once the Macro Core sampler was removed and the core exposed, a visual description of the waste material encountered was documented and is presented in the Soil and Waste Description Log in Appendix C. Visual observation and FID readings were collected and utilized to confirm the presence of waste material in the core borings. The waste was removed, segregated, temporarily stored and used at the completion of the soil boring to prepare a homogenized waste sample which was transferred to the appropriate sample container(s). Since VOC homogenized samples cannot be prepared without loss of volatiles, the waste sample with the highest FID reading was used for VOC analysis. TCL VOC samples were collected using TerraCore ™ sampling procedures.

Waste samples collected during the investigation included the following:

- SB-28W, Potential Niran Pit Waste Sample
- SB-3CW, Potential Niran Pit Waste Sample
- SB-TPI, Reported Teepee Incinerator Location
- SB-WFD, Water Filled Depression Location

These samples were analyzed for Toxicity Characteristic Leaching Procedure (TCLP) to aid in the characterization of the potential waste materials. Additionally, the samples were also subjected to Synthetic Precipitate Leaching Procedure (SPLP) tests to determine their potential to leach contaminants to groundwater.

3.3 Sample Handling and Custody Requirements

Collected samples were sealed and shipped by proper chain-of-custody to the laboratories in appropriate sample containers (shuttles). All sample containers and preservatives used during this investigation were within proper conformance to EPA SW-846 protocol and were kept at the

required refrigeration temperature of approximately 4 degrees Celsius. During the collection and shipping of the samples, strict adherence to the Quality Assurance Protection Plan (QAPP) protocol was followed.

4.0 SAMPLE ANALYSIS AND RESULTS

POTESTA performed the soil and waste characterization assessment in general accordance with methods approved by the USEPA Superfund Analytical Services/Contract Laboratory Program (CLP) and the WVDEP. Analytical methods utilized in this investigation include:

- Method 8260B – VOCs
- Method 8270C – SVOCs
- Method 6010B, 7471A – Metals
- Method 8151A – Chlorinated Herbicides
- Method 1312 – Synthetic Precipitate Leaching Procedure
- Method 1311 – Toxicity Characteristic Leaching Procedure
- Method 1613B - Chlorinated Dibenzo-p-dioxins/Dibenzofurans

Method 1613B is administered by the USEPA Office of Water and is used in data gathering and monitoring programs associated with the Clean Water Act, the Resource Conservation and Recovery Act, the Comprehensive Environmental Response, Compensation and Liability Act, and the Safe Drinking Water Act. All other methods are included in the EPA publication SW-846, entitled *Test Methods for Evaluating Solid Waste, Physical/Chemical Methods.* SW-846 is the Office of Solid Waste's official abstract of analytical and sampling methods that have been evaluated and approved for use in complying with the RCRA regulations.

Severn-Trent Laboratories (STL) performed all sample analyses and provided Level IV (CLP-like format) Data Reporting Packages as requested by the USEPA. STL-Savannah of Savannah, Georgia completed all analytical testing with the exception of the dioxin analyses, which were performed in STL-Sacramento of Sacramento, California. Analytical results from both the soil and "waste area" samples have been received, validated and submitted with this report. Refer to Appendix D for the summary of the data evaluation efforts on 100 percent of the data. This work was completed by POTESTA and a summary of the findings are attached in Appendix E.

Additional historic 2,3,7,8-TCDD results were also utilized to supplement the results collection during this investigation. This information is included on the summary figures 8 and 9 located in Appendix B. These sets of data were collected by NUS Corporation under contract to the USEPA to completed one of the first 2,3,7,8 TCDD investigations at the site. The results from this investigation were utilized to determine the limits of the excavation restrictions or "no-dig" limits for the various areas of the site.

Results from the initial field investigation were reported in "*Final Field Trip Report for Monsanto Company, TDD No. F3-8306-26, EPA No. WV-W-04, Contract No. 68-01-6699,*"

dated November 9, 1983, NUS Corporation. This work was completed to delineate the concentration of 2,3,7,8-TCDD in surficial soils not only throughout the plant site but adjoining areas as well. A second dioxin investigation was completed in the area of the current stormwater/equalization tanks. This work was conducted to determine the concentration of 2,3,7,8-TCDD of the area planned for foundation construction prior to erection of the tank structures. The results from this second investigation were reported in "*Final Field Trip Report for Monsanto Company, TDD No. F3-8308-31, EPA No. WV-029, Contract No. 68-01-6699,*" dated January 3, 1985, NUS Corporation. Many of these samples were collected in the upper 1 foot of soil throughout the PDA area. The results from the samples corresponding to the 0 to 6-inch surficial soil horizon were placed on the 0 to 0.5-foot depth dioxin summary mapping and samples collected from deeper horizons were placed on the 0.5 to 6-foot depth mapping.

4.1 Soil Sample Analysis

Two homogenized soil samples per soil boring location were submitted for laboratory analyses. One sample set was collected from soil representing the 0 to 0.5-foot interval (i.e., surficial). Laboratory analytical data generated from these samples will later be used to evaluate risks to potential receptors (i.e., site workers, trespassers) from COPCs in the surface soil. The second sample was collected from soil representing the 0.5 to 6.0-foot interval (i.e., subsurface). Both sample sets were analyzed by each of the analytical methods listed above with the exceptions of methods 1311 and 1312. Laboratory analytical data generated from these samples will later be used to evaluate risks to potential receptors (i.e., construction/utility workers exposed to below grade soils) from COPCs existing in the subsurface soils. Tables presenting the analytical results for the soil samples are presented in Appendix D.

4.2 Waste Sample Analysis

The "waste area" samples were analyzed for the same parameter list as the soil samples; however, the analyses were performed on sample extractions by EPA Method 1311 – TCLP and EPA Method 1312 – SPLP. These two extraction methods are similar in that both are designed to determine the mobility of contaminates in liquid, solid, or multi-phase wastes. However, the TCLP was designed specifically to simulate a waste's toxicity in a municipal solid waste landfill; whereas, the SPLP was designed to simulate toxicity in an industrial waste monofill. Typically, the SPLP method is utilized by risk assessment personnel to determine the potential for soil leaching of a contaminant to groundwater. Tabular results from the waste sample analyses can be found in Appendix D. These results will be utilized to further understand and characterize the wastes reportedly associated with the Niran Pits, Tee Pee Incinerator and Water-Filled Depression. This information will be evaluated and considered during the development of a final stabilization and closure plan for this SWMU facility.

5.0 LABORATORY AND DATA VALIDATION SUMMARIES

Sample analyses, with the exception of dioxins/furans analyses, were conducted by STL-Savannah of Savannah, Georgia by the USEPA SW-846 methods indicated in Section 4.0.

Dioxin/furan analysis was conducted by STL-Sacramento of Sacramento, California by USEPA Method 1613B. Also, as requested by the USEPA, laboratory analytical data was 100 percent validated at the M3 level by a party other than the laboratory itself. Mr. John W. McDonald from POTESTA preformed the data validation process. The data validation summaries are located in Appendix E.

6.0 CLOSING

This final report has been prepared by POTESTA in order to address the work performed in accordance with the PDA Waste Characterization Investigation Work Plan, and to present the findings thereof. The report addresses the tasks required by the approved work plan and explains the method tasks which were performed to meet the requirements set forth in the interim measures work plan. The tasks performed in order to achieve this final report include various submittals, sampling procedures, testing methods, QA/QC monitoring, laboratory qualifications, and other techniques issued under the work plan. This final report was developed and presented to aid the USEPA and WVDEP in determining that all the requirements set forth by the PDA Work Plan tasks were fully performed in accordance with the appropriate EPA standards.

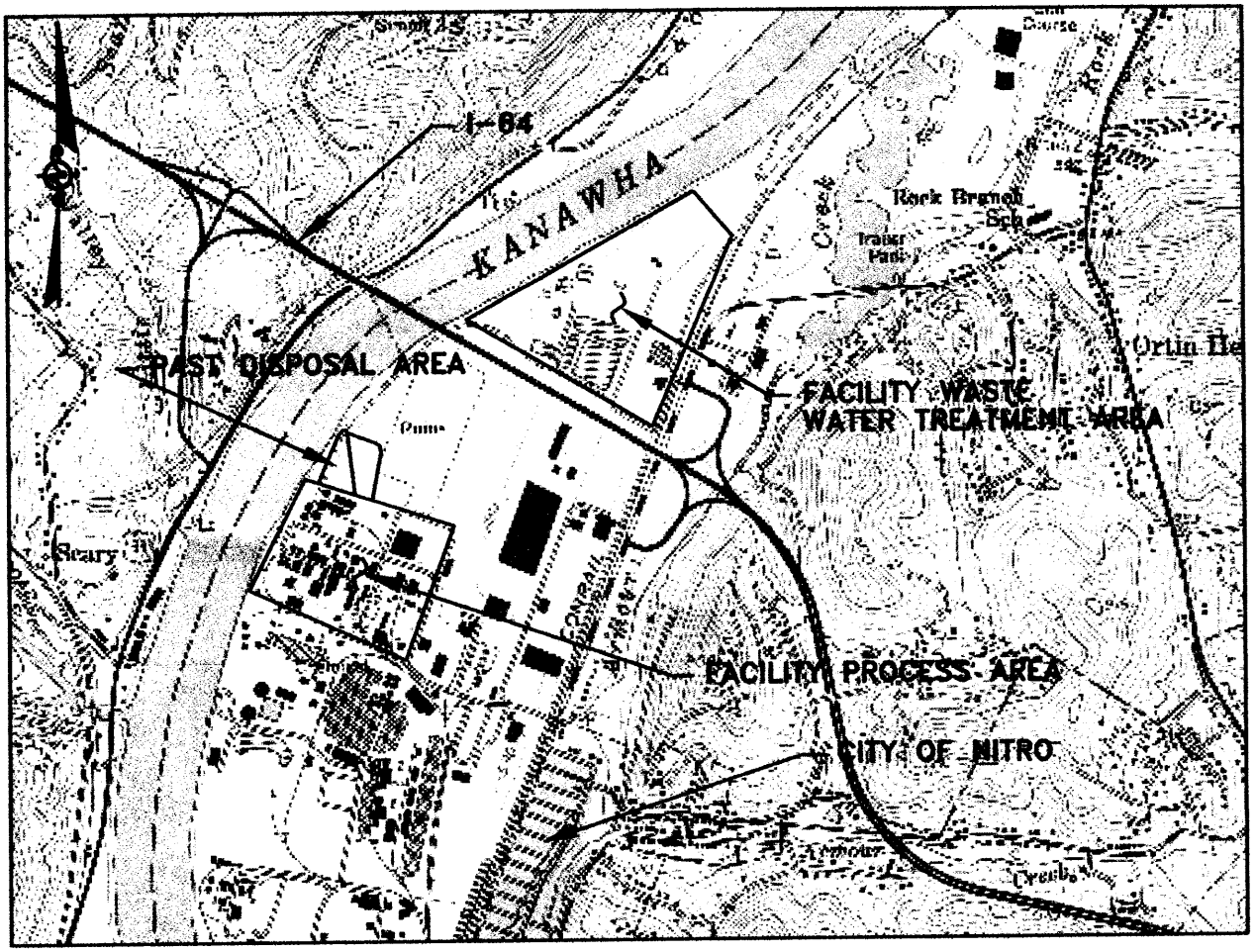
Respectfully submitted,

POTESTA & ASSOCIATES, INC.

Chris A. Grosé
Senior Engineering Associate I

CAG:JWM/clr

APPENDIX A



SITE LOCATION MAP

QUADRANGLE: SAINT ALBANS
USGS 7.5' SERIES
TOPOGRAPHIC MAP
PHOTOREVISED: YEAR_1976

GRAPHIC SCALE

2000 1000 0 2000 4000

1 INCH = 2000 FEET

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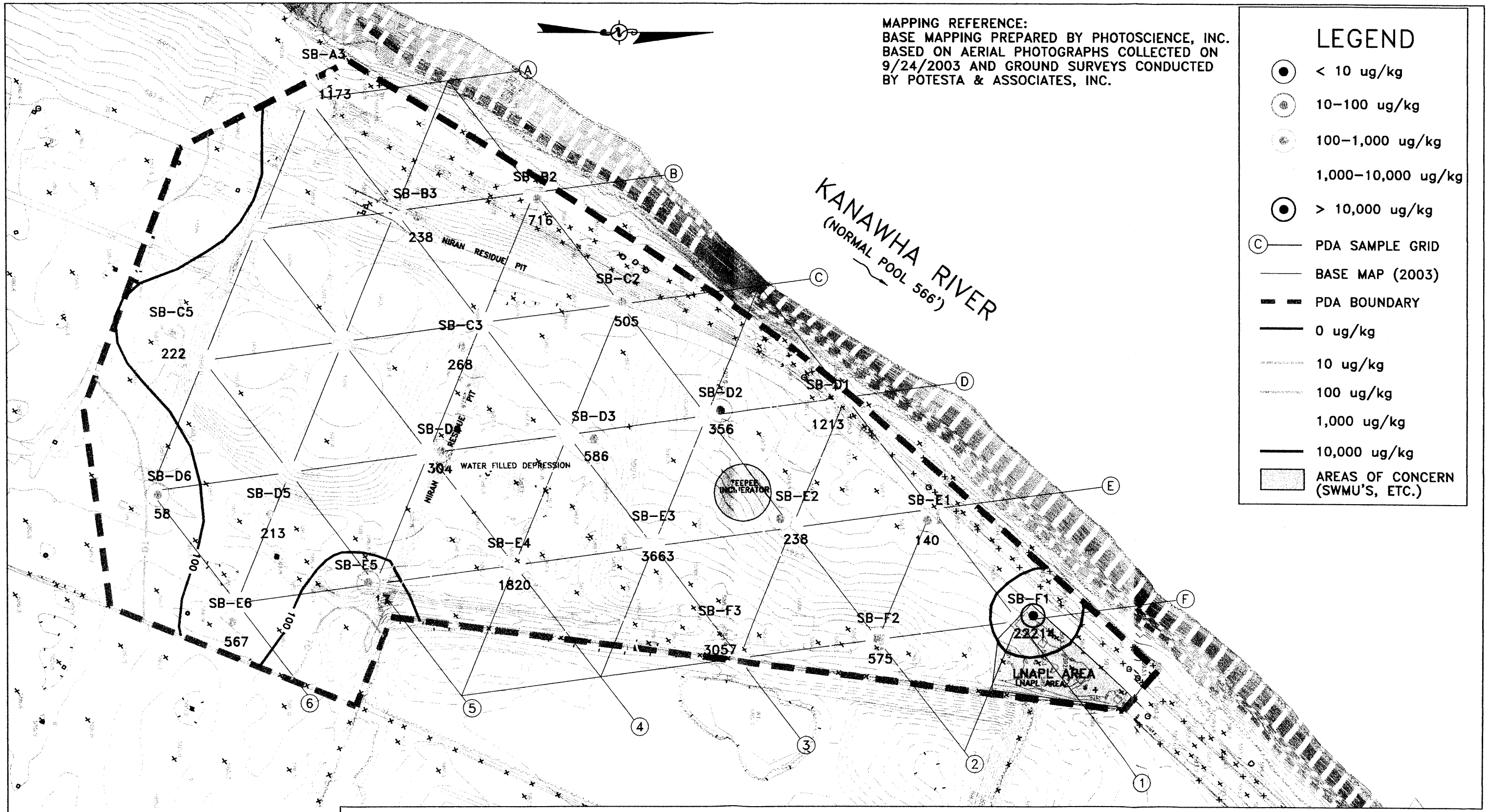
Project
PDA SWMU INVESTIGATION
FLEXSYS AMERICA LP. PLANT
NITRO, WEST VIRGINIA

Scale 1"=2000'
Date JUNE 2004
Dwg. No. FIGURE 1

APPENDIX B

MAPPING REFERENCE:
BASE MAPPING PREPARED BY PHOTOSCIENCE, INC. BASED ON AERIAL PHOTOGRAPHS COLLECTED ON 9/24/2003 AND GROUND SURVEYS CONDUCTED BY POTESTA & ASSOCIATES, INC.



PROJECT #: 01-0081-120A FILE: B01-0081-120A-VOC01

POTESTA

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Project
TOTAL VOC RESULTS
0-0.5' DEPTH
PDA SWMU INVESTIGATION

Scale 1"=100'
Date JUNE 2004
Dwg. No. FIGURE 2

XREF Files: Aerial Topo 2003 wvsps PDA IMAGE Files: Potesta Logo-C copy.jpg
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Plotted By: RSBria

MAPPING REFERENCE:
BASE MAPPING PREPARED BY PHOTOSCIENCE, INC. BASED ON AERIAL PHOTOGRAPHS COLLECTED ON 9/24/2003 AND GROUND SURVEYS CONDUCTED BY POTESTA & ASSOCIATES, INC.

KANAWHA RIVER
(NORMAL POOL 566')

NIRAN RESIDUE PIT

WATER FILLED DEPRESSION

WEEPEE INCINERATOR

LNAPL AREA

SB-A3 6923
SB-B2 558
SB-B3 3719
SB-C2 317
SB-C3 66736
SB-C5 351
SB-D1 297
SB-D2 54482
SB-D3 1148
SB-D4 886
SB-D5 89
SB-D6 184
SB-E1 295
SB-E2 1140
SB-E3 4996
SB-E4 151
SB-E5 10271
SB-E6 228
SB-F1 7068+
SB-F2 3469
SB-F3 76309

10000

LEGEND

- < 10 ug/kg
- 10–100 ug/kg
- 100–1,000 ug/kg
- 1,000–10,000 ug/kg
- > 10,000 ug/kg
- PDA SAMPLE GRID
- BASE MAP (2003)
- PDA BOUNDARY
- 0 ug/kg
- 10 ug/kg
- 100 ug/kg
- 1,000 ug/kg
- 10,000 ug/kg
- AREAS OF CONCERN (SWMU'S, ETC.)

GRAPHIC SCALE
100 50 0 100 200

PROJECT #: 01-0081-120A FILE: B01-0081-120A-VOC02

POTESTA

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Project
TOTAL VOC RESULTS
0.5–6.0' DEPTH
PDA SWMU INVESTIGATION

Scale 1"=100'
Date JUNE 2004
Dwg. No. FIGURE 3

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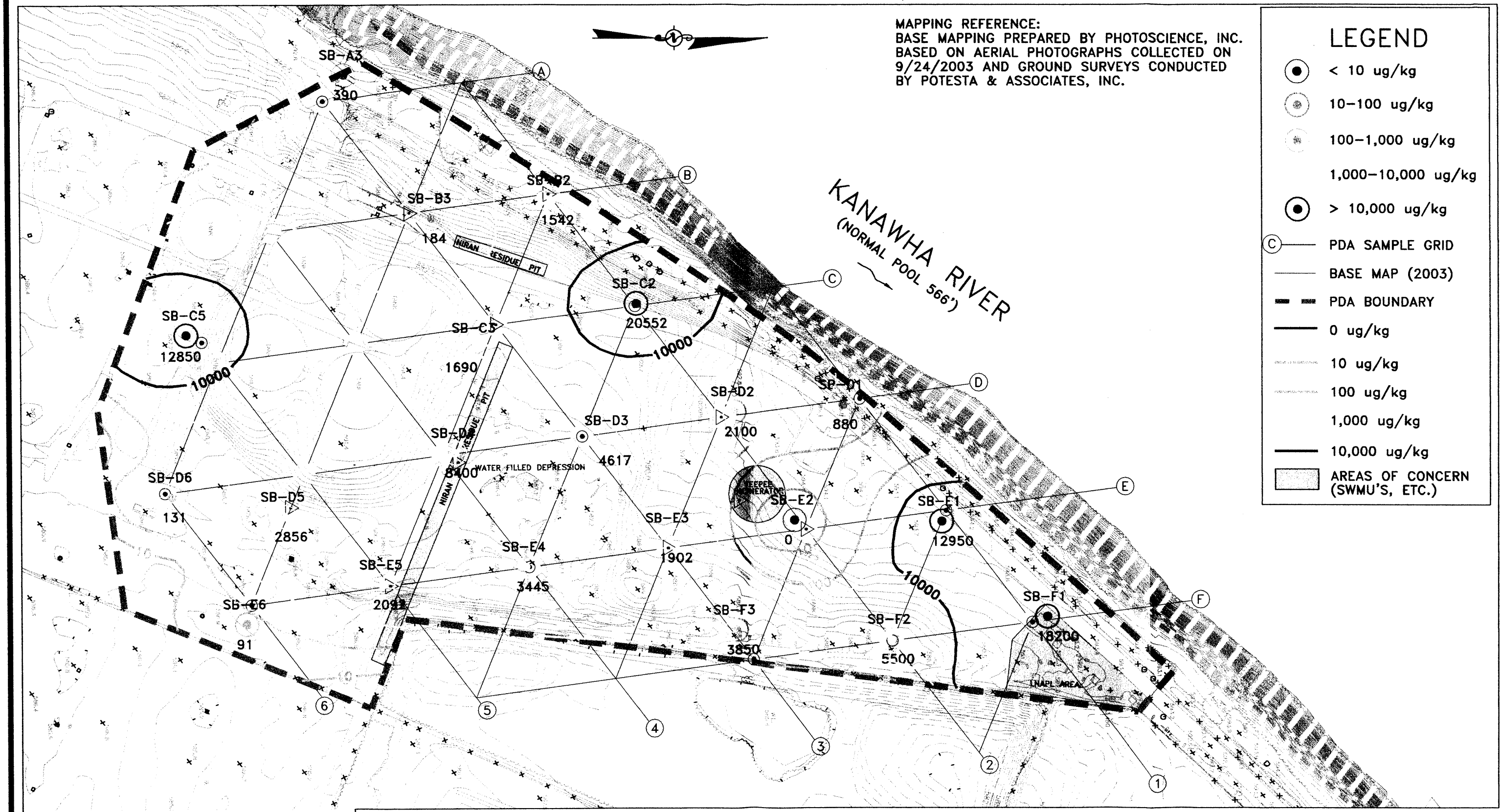
Plot Date/Time: Jun 16, 2004 - 8:51am
Plotted By: RSBrid

MAPPING REFERENCE:
BASE MAPPING PREPARED BY PHOTOSCIENCE, INC.
BASED ON AERIAL PHOTOGRAPHS COLLECTED ON
9/24/2003 AND GROUND SURVEYS CONDUCTED
BY POTESTA & ASSOCIATES, INC.



PROJECT #: 01-0081-120A FILE: B01-0081-120A-SVOC01

POTESTA

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Project
TOTAL SVOC RESULTS
0'-0.5' DEPTH
PDA SWMU INVESTIGATION

Scale 1"=100'
Date JUNE 2004
Dwg. No. FIGURE 4

XREF Files: Aerial Topo 2003 wvsps PDA IMAGE Files:
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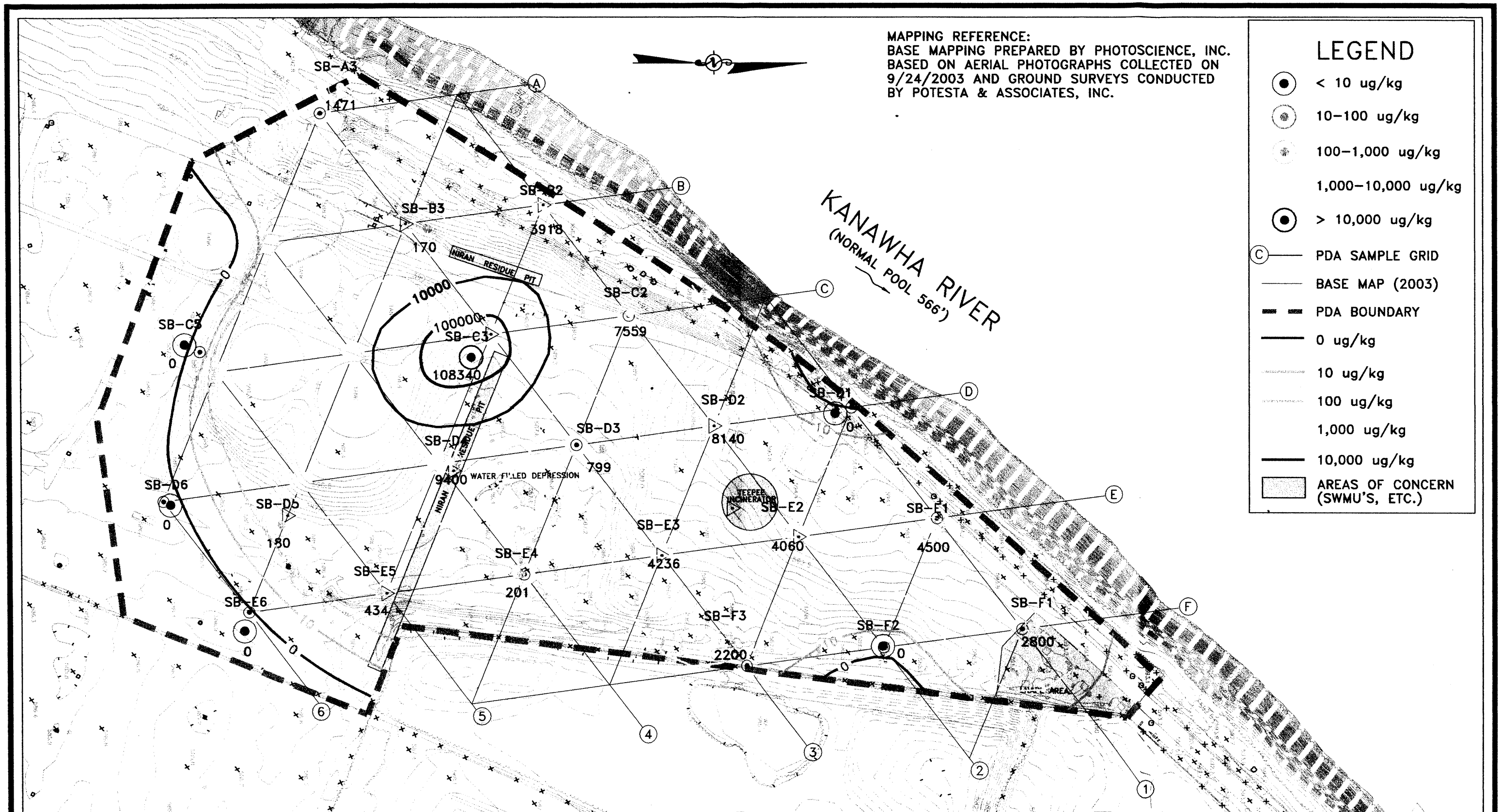
Plot Date/Time: Jun 16, 2004 - 8:50am
Plotted By: RSBria



POTESTA

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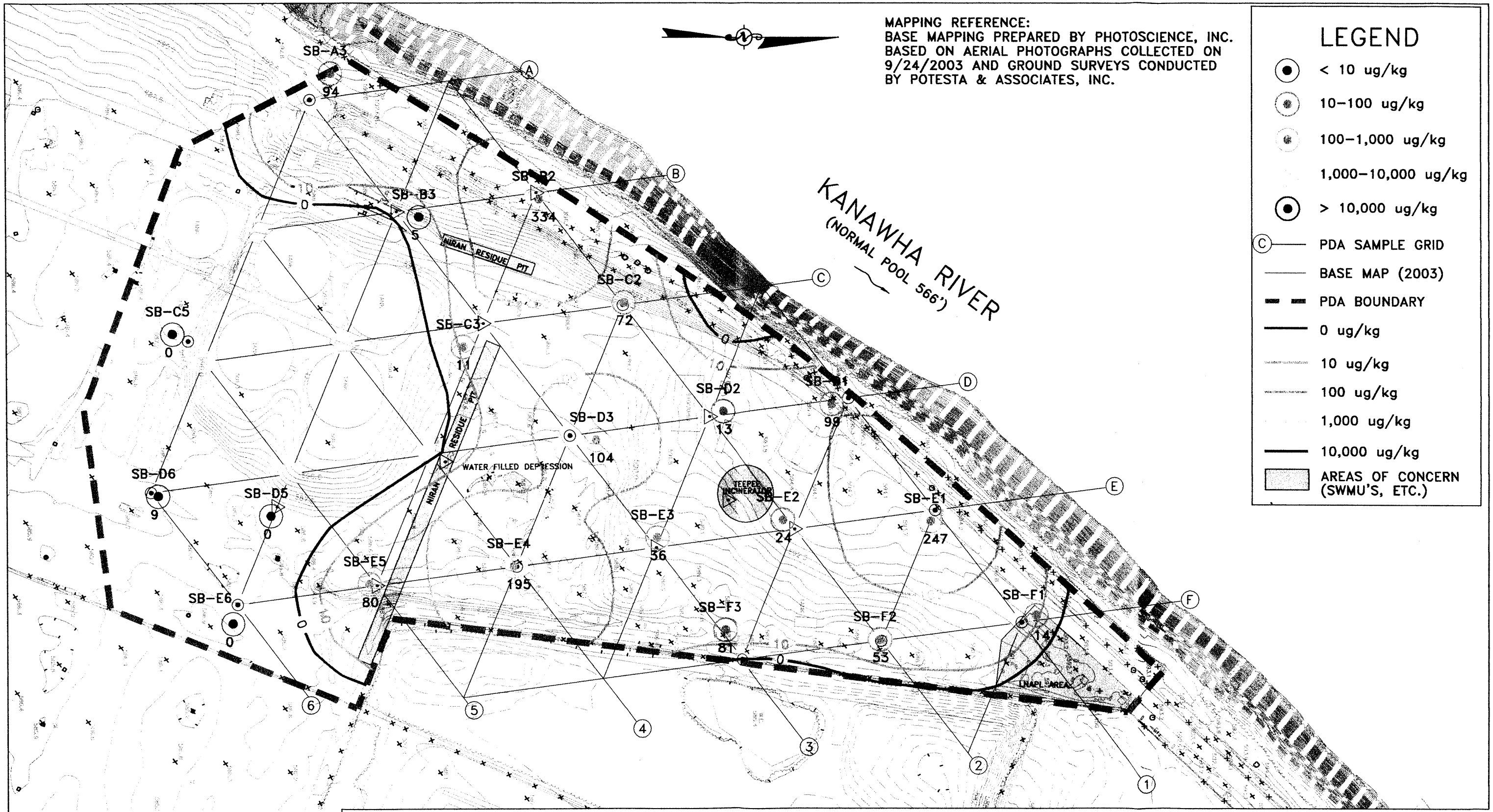
ENGINEERS AND ENVIRONMENTAL CONSULTANTS
2300 MacCorkle Ave. SE, Charleston, WV 25304
TEL: (304) 342-1400 FAX: (304) 343-9031
E-Mail Address: potesta@potesta.com

Project
TOTAL SVOC RESULTS
0.5'–6.0' DEPTH
PDA SWMU INVESTIGATION

Scale 1"=100'
Date JUNE 2004
Dwg. No. FIGURE 5

XREF Files: Aerial Topo 2003 wvsps PDA IMAGE Files:
File: S:\sdsk8\proj\01-0081-flexsys-river\DWG\PHASE120\PDA\SVOC\01-0081-120A-SVOC02.dwg
Plot Date/Time: Jun 16, 2004 – 8:41am
Plotted By: RSBria

MAPPING REFERENCE:
BASE MAPPING PREPARED BY PHOTOSCIENCE, INC.
BASED ON AERIAL PHOTOGRAPHS COLLECTED ON
9/24/2003 AND GROUND SURVEYS CONDUCTED
BY POTESTA & ASSOCIATES, INC.



LEGEND

- < 10 ug/kg
- 10–100 ug/kg
- 100–1,000 ug/kg
- 1,000–10,000 ug/kg
- > 10,000 ug/kg
- PDA SAMPLE GRID
- BASE MAP (2003)
- PDA BOUNDARY
- 0 ug/kg
- 10 ug/kg
- 100 ug/kg
- 1,000 ug/kg
- 10,000 ug/kg
- AREAS OF CONCERN (SWMU'S, ETC.)

GRAPHIC SCALE

100 50 0 100 200

PROJECT #: 01-0081-120A FILE: B01-0081-120A-HERB01

POTESTA

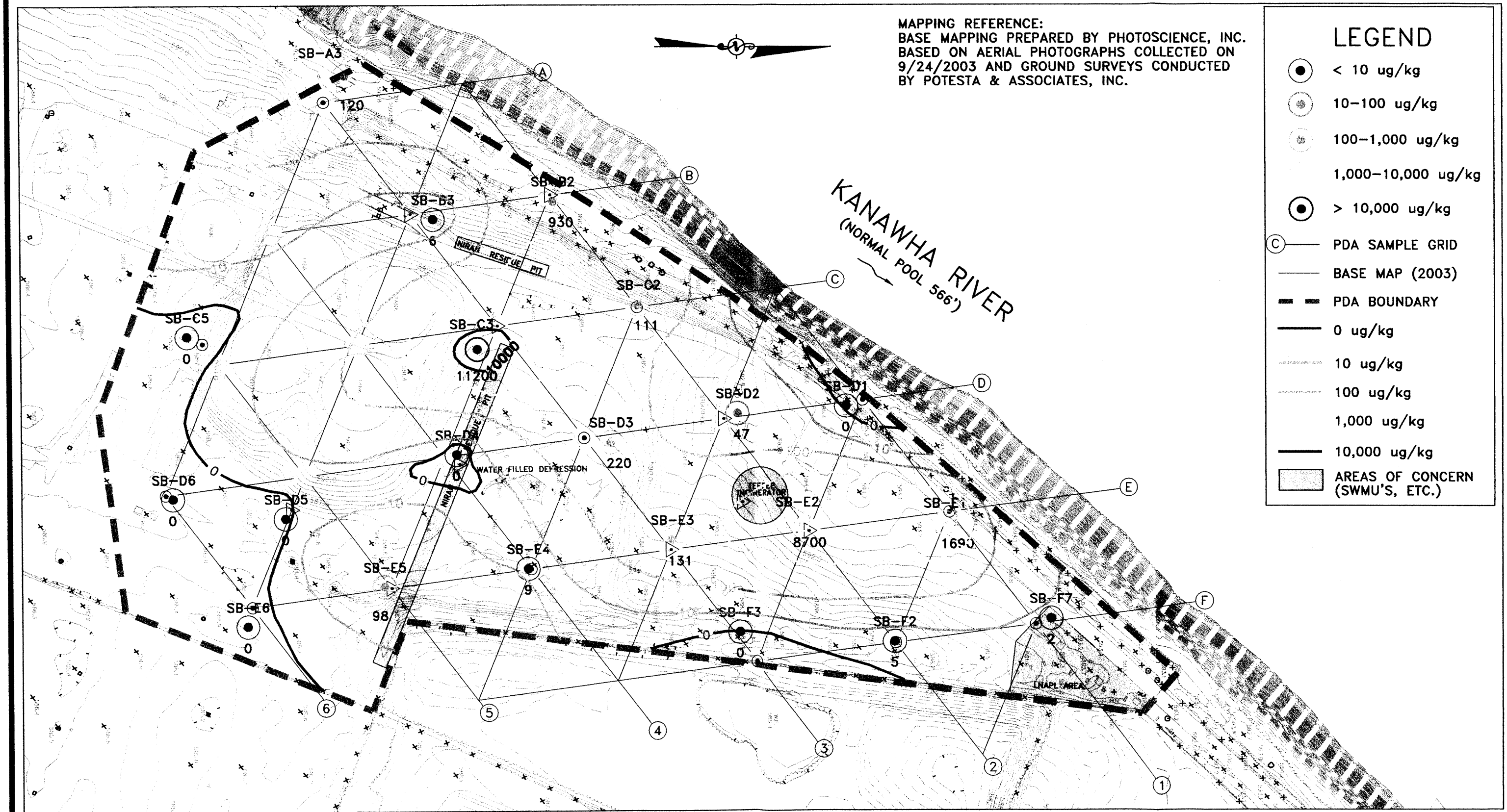
Potesta & Associates, Inc.
ENGINEERS AND ENVIRONMENTAL CONSULTANTS
2300 MacCorkle Ave. SE, Charleston, WV 25304
TEL: (304) 342-1400 FAX: (304) 343-9031
E-Mail Address: potesta@potesta.com

Project
TOTAL HERBICIDE RESULTS
0-0.5' DEPTH
PDA SWMU INVESTIGATION

Scale 1"=100'
Date JUNE 2004
Dwg. No. FIGURE 6

XREF Files: Aerial Topo 2003 wvsps PDA IMAGE Files:
File: S:\sdsk8\proj\01-0081-flexsys-river\DWG\PHASE120\PDA\Herbicide\01-0081-120A-HERB01.dwg
Plot Date/Time: Jun 15, 2004 - 5:06pm
Plotted By: RSBria

MAPPING REFERENCE:
BASE MAPPING PREPARED BY PHOTOSCIENCE, INC.
BASED ON AERIAL PHOTOGRAPHS COLLECTED ON
9/24/2003 AND GROUND SURVEYS CONDUCTED
BY POTESTA & ASSOCIATES, INC.



LEGEND

- < 10 ug/kg
- 10–100 ug/kg
- 100–1,000 ug/kg
- 1,000–10,000 ug/kg
- > 10,000 ug/kg
- PDA SAMPLE GRID
- BASE MAP (2003)
- PDA BOUNDARY
- 0 ug/kg
- 10 ug/kg
- 100 ug/kg
- 1,000 ug/kg
- 10,000 ug/kg
- AREAS OF CONCERN (SWMU'S, ETC.)

GRAPHIC SCALE

100 50 0 100 200

PROJECT #: 01-0081-120A FILE: B01-0081-120A-HERB02

POTESTA

Potesta & Associates, Inc.
ENGINEERS AND ENVIRONMENTAL CONSULTANTS
2300 MacCorkle Ave. SE, Charleston, WV 25304
TEL: (304) 342-1400 FAX: (304) 343-9031
E-Mail Address: potesta@potesta.com

Project
TOTAL HERBICIDES
0.5'-6' DEPTH
PDA SWMU INVESTIGATION

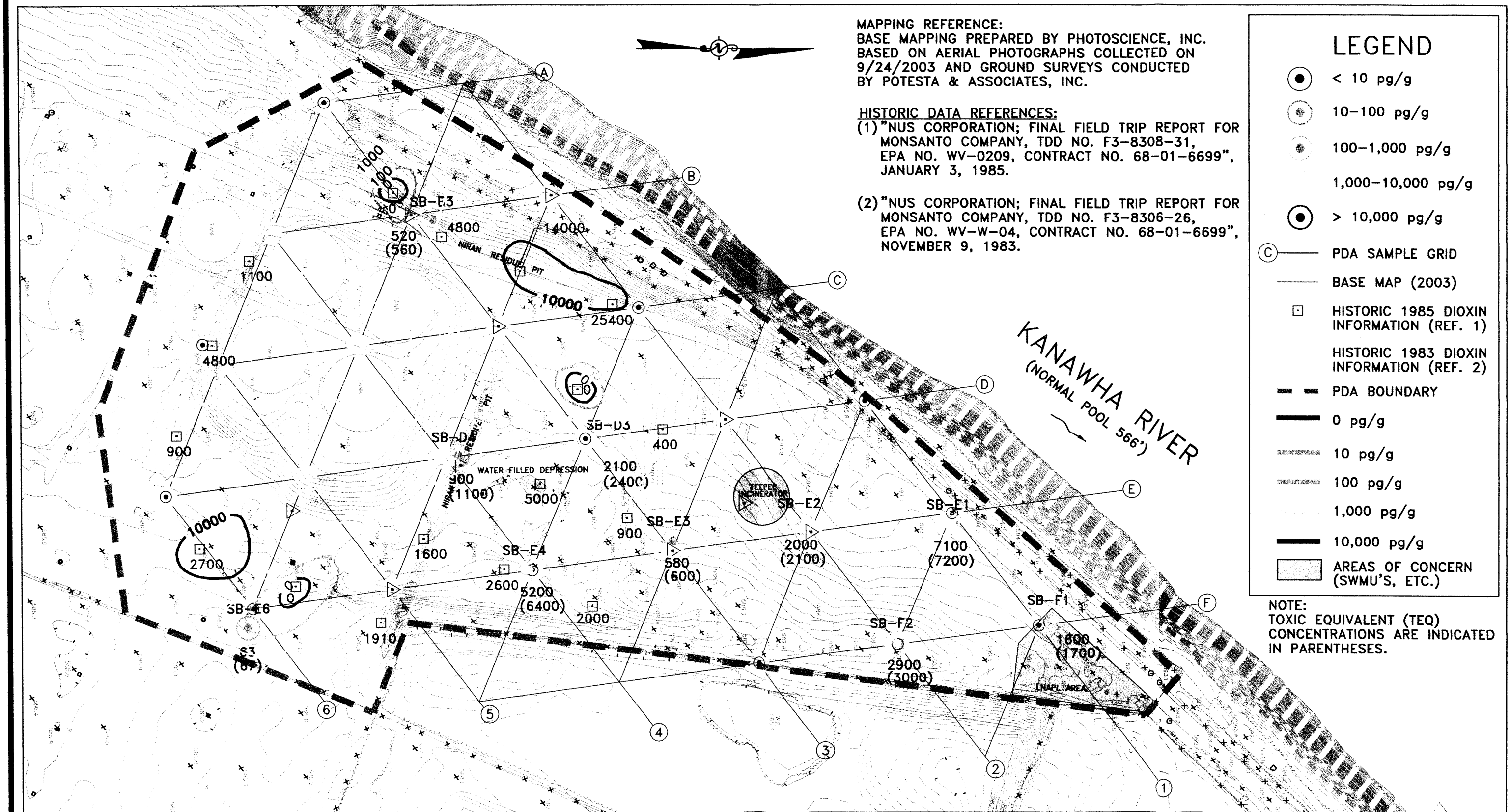
Scale 1"=100'
Date JUNE 2004
Dwg. No. FIGURE 7

XREF Files: Aerial Topo 2003 wvsps PDA IMAGE Files:
File: S:\sdsk8\proj\01-0081-flexsys-river\DWG\PHASE120\PDA\Herbicide\01-0081-120A-HERB02.dwg
Plot Date/Time: Jun 16, 2004 - 8:46am
Plotted By: RSBria

MAPPING REFERENCE:
BASE MAPPING PREPARED BY PHOTOSCIENCE, INC. BASED ON AERIAL PHOTOGRAPHS COLLECTED ON 9/24/2003 AND GROUND SURVEYS CONDUCTED BY POTESTA & ASSOCIATES, INC.

HISTORIC DATA REFERENCES:
(1) "NUS CORPORATION; FINAL FIELD TRIP REPORT FOR MONSANTO COMPANY, TDD NO. F3-8308-31, EPA NO. WV-0209, CONTRACT NO. 68-01-6699", JANUARY 3, 1985.

(2) "NUS CORPORATION; FINAL FIELD TRIP REPORT FOR MONSANTO COMPANY, TDD NO. F3-8306-26, EPA NO. WV-W-04, CONTRACT NO. 68-01-6699", NOVEMBER 9, 1983.



LEGEND

- < 10 pg/g
- 10–100 pg/g
- 100–1,000 pg/g
- 1,000–10,000 pg/g
- > 10,000 pg/g
- PDA SAMPLE GRID
- BASE MAP (2003)
- HISTORIC 1985 DIOXIN INFORMATION (REF. 1)
- HISTORIC 1983 DIOXIN INFORMATION (REF. 2)
- PDA BOUNDARY
- 0 pg/g
- 10 pg/g
- 100 pg/g
- 1,000 pg/g
- 10,000 pg/g
- AREAS OF CONCERN (SWMU'S, ETC.)

NOTE:
TOXIC EQUIVALENT (TEQ) CONCENTRATIONS ARE INDICATED IN PARENTHESES.

GRAPHIC SCALE
100 50 0 100 200

PROJECT #: 01-0081-120A FILE: B01-0081-120A-DIOX01

POTESTA

Potesta & Associates, Inc.
ENGINEERS AND ENVIRONMENTAL CONSULTANTS
2300 MacCorkle Ave. SE, Charleston, WV 25304
TEL: (304) 342-1400 FAX: (304) 343-9031
E-Mail Address: potesta@potesta.com

Project
TOTAL 2,3,7,8 TCDD RESULTS
0-0.5' DEPTH
PDA SWMU INVESTIGATION

Scale 1"=100'
Date JUNE 2004
Dwg. No. FIGURE 8

XREF Files: Aerial Topo 2003 wvsps PDA IMAGE Files:
File: S:\sdsk8\proj\01-0081-flexsys-river\DWG\PHASE120\PDA\dioxin\01-0081-120A-DIOX01.dwg
Plot Date/Time: Jun 16, 2004 - 10:34am
Plotted By: RSBria

MAPPING REFERENCE:
BASE MAPPING PREPARED BY PHOTOSCIENCE, INC. BASED ON AERIAL PHOTOGRAPHS COLLECTED ON 9/24/2003 AND GROUND SURVEYS CONDUCTED BY POTESTA & ASSOCIATES, INC.

HISTORIC DATA REFERENCES:
(1) "NUS CORPORATION; FINAL FIELD TRIP REPORT FOR MONSANTO COMPANY, TDD NO. F3-8308-31, EPA NO. WV-0209, CONTRACT NO. 68-01-6699", JANUARY 3, 1985.

(2) "NUS CORPORATION; FINAL FIELD TRIP REPORT FOR MONSANTO COMPANY, TDD NO. F3-8306-26, EPA NO. WV-W-04, CONTRACT NO. 68-01-6699", NOVEMBER 9, 1983.

LEGEND

- < 10 pg/g
- 10-100 pg/g
- 100-1,000 pg/g
- 1,000-10,000 pg/g
- > 10,000 pg/g
- PDA SAMPLE GRID
- BASE MAP (2003)
- HISTORIC 1985 DIOXIN INFORMATION (REF. 1)
- HISTORIC 1983 DIOXIN INFORMATION (REF. 2)
- PDA BOUNDARY
- 0 pg/g
- 10 pg/g
- 100 pg/g
- 1,000 pg/g
- 10,000 pg/g
- AREAS OF CONCERN (SWMU'S, ETC.)

NOTE:
TOXIC EQUIVALENT (TEQ) CONCENTRATIONS ARE INDICATED IN PARENTHESES.

KANAWHA RIVER
(NORMAL POOL 566')

SB-B3
210
(220)
2500
114000
NIRAN RESIDUE PIT
100000
10000
2800
SB-D3
1900
(2100)
SB-D4
350
(360)
WATER FILLED DEPRESSION
TEEPEE INCINERATOR
SB-E2
6800
(7000)
SB-E1
570
(580)
SB-E3
1200
(1500)
SB-E4
4400
(5400)
10300
10000
SB-E6
8
(9)
0
0
SB-F1
93
(96)
SB-F2
3000
(3000)
LNAPL AREA

GRAPHIC SCALE
100 50 0 100 200

PROJECT #: 01-0081-120A FILE: B01-0081-120A-DIOX02

POTESTA

Potesta & Associates, Inc.
ENGINEERS AND ENVIRONMENTAL CONSULTANTS
2300 MacCorkle Ave. SE, Charleston, WV 25304
TEL: (304) 342-1400 FAX: (304) 343-9031
E-Mail Address: potesta@potesta.com

Project
TOTAL 2,3,7,8 TCDD RESULTS
0.5'-6' DEPTH
PDA SWMU INVESTIGATION

Scale 1"=100'
Date JUNE 2004
Dwg. No. FIGURE 9

XREF Files: Aerial Topo 2003 wvsps PDA IMAGE Files:
File: S:\sdsk8\proj\01-0081-flexsys-river\DWG\PHASE1 20\PDA\dioxin\01-0081-120A-DIOX02.dwg
Plot Date/Time: Jun 16, 2004 - 9:12am
Plotted By: RSBria

MAPPING REFERENCE:
BASE MAPPING PREPARED BY PHOTOSCIENCE, INC.
BASED ON AERIAL PHOTOGRAPHS COLLECTED ON
9/24/2003 AND GROUND SURVEYS CONDUCTED
BY POTESTA & ASSOCIATES, INC.

LEGEND

- < 10 ug/kg
- 10–100 ug/kg
- 100–1,000 ug/kg
- 1,000–10,000 ug/kg
- > 10,000 ug/kg
- PDA SAMPLE GRID
- BASE MAP (2003)
- PDA BOUNDARY
- AREAS OF CONCERN (SWMU'S, ETC.)

KANAWHA RIVER
(NORMAL POOL 566')

A
B
C
D
E
F
1
2
3
4
5
6

SB-R2W
2396
NIRAN RESIDUE PIT
SB-C3W
472
SB-WFD
113
WATER FILLED DEPRESSION
NIRAN RESIDUE PIT
SB-TPI
TEEPEE INCINERATOR
28029
DNAPL AREA

GRAPHIC SCALE
100 50 0 100 200

PROJECT #: 01-0081-120A FILE: B01-0081-120A-VOC03

POTESTA

Potesta & Associates, Inc.
ENGINEERS AND ENVIRONMENTAL CONSULTANTS
2300 MacCorkle Ave. SE, Charleston, WV 25304
TEL: (304) 342-1400 FAX: (304) 343-9031
E-Mail Address: potesta@potesta.com

Project
TOTAL VOC WASTE
0.5'-6' DEPTH
PDA SWMU INVESTIGATION

Scale 1"=100'
Date JUNE 2004
Dwg. No. FIGURE 10

XREF Files: Aerial Topo 2003 wvsps PDA IMAGE Files: Potesta Logo-C copy.jpg
File: S:\sdsk8\pro\01-0081-flexsys-river\DWG\PHASE120\PDA\VOC\01-0081-120A-VOC03.dwg
Plot Date/Time: Jun 15, 2004 - 4:49pm
Plotted By: RSBria

MAPPING REFERENCE:
BASE MAPPING PREPARED BY PHOTOSCIENCE, INC.
BASED ON AERIAL PHOTOGRAPHS COLLECTED ON
9/24/2003 AND GROUND SURVEYS CONDUCTED
BY POTESTA & ASSOCIATES, INC.

LEGEND

- < 10 ug/kg
- 10–100 ug/kg
- 100–1,000 ug/kg
- 1,000–10,000 ug/kg
- > 10,000 ug/kg
- PDA SAMPLE GRID
- BASE MAP (2003)
- PDA BOUNDARY
- AREAS OF CONCERN (SWMU'S, ETC.)

KANAWHA RIVER
(NORMAL POOL 566')

SB-B2W
188500

NIRAN RESIDUE PIT

SB-C3W
5341

SB-WFD
880
WATER FILLED DEPRESSION

NIRAN RESIDUE PIT

SB-TPI
TEPEE INCINERATOR
11090

LNAPL AREA

A B C D E F
1 2 3 4 5 6

GRAPHIC SCALE
100 50 0 100 200

PROJECT #: 01-0081-120A FILE: B01-0081-120A-VOC04

POTESTA

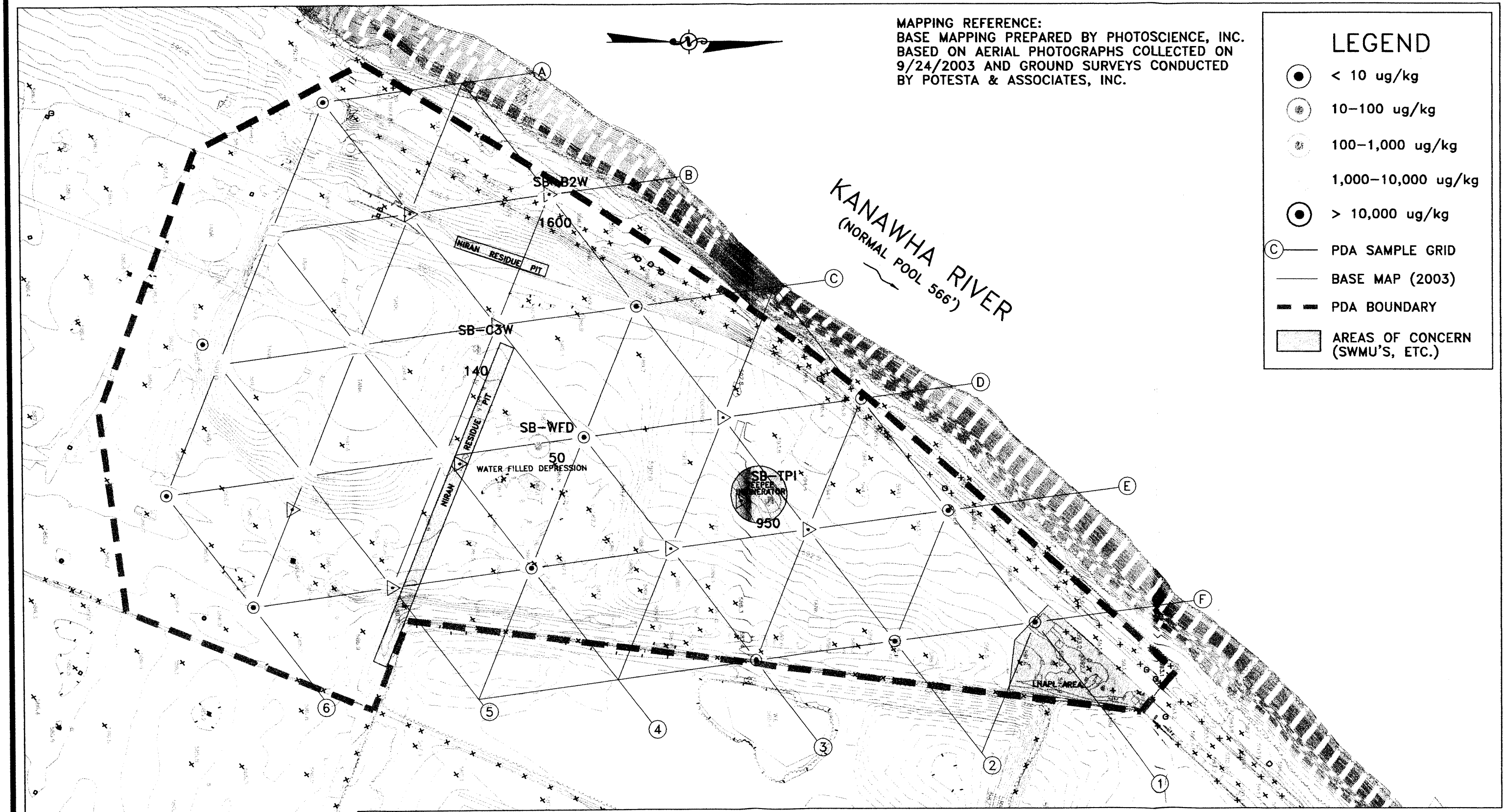
Potesta & Associates, Inc.
ENGINEERS AND ENVIRONMENTAL CONSULTANTS
2300 MacCorkle Ave. SE, Charleston, WV 25304
TEL: (304) 342-1400 FAX: (304) 343-9031
E-Mail Address: potesta@potesta.com

Project
TOTAL SVOC (WASTE)
0.5'-6' DEPTH
PDA SWMU INVESTIGATION

Scale 1"=100'
Date JUNE 2004
Dwg. No. FIGURE 11

XREF Files: Aerial Topo 2003 wvsps PDA IMAGE Files: Potesta Logo-C copy.jpg
File: S:\sdsk8\proj\01-0081-flexsys-river\DWG\PHASE120\PDA\VOC\01-0081-120A-VOC04.dwg
Plot Date/Time: Jun 15, 2004 - 4:51pm
Plotted By: RSBria

MAPPING REFERENCE:
BASE MAPPING PREPARED BY PHOTOSCIENCE, INC.
BASED ON AERIAL PHOTOGRAPHS COLLECTED ON
9/24/2003 AND GROUND SURVEYS CONDUCTED
BY POTESTA & ASSOCIATES, INC.



LEGEND

- < 10 ug/kg
- 10–100 ug/kg
- 100–1,000 ug/kg
- 1,000–10,000 ug/kg
- > 10,000 ug/kg
- PDA SAMPLE GRID
- BASE MAP (2003)
- PDA BOUNDARY
- AREAS OF CONCERN (SWMU'S, ETC.)

GRAPHIC SCALE

100 50 0 100 200

PROJECT #: 01-0081-120A FILE: B01-0081-120A-HERB03

POTESTA

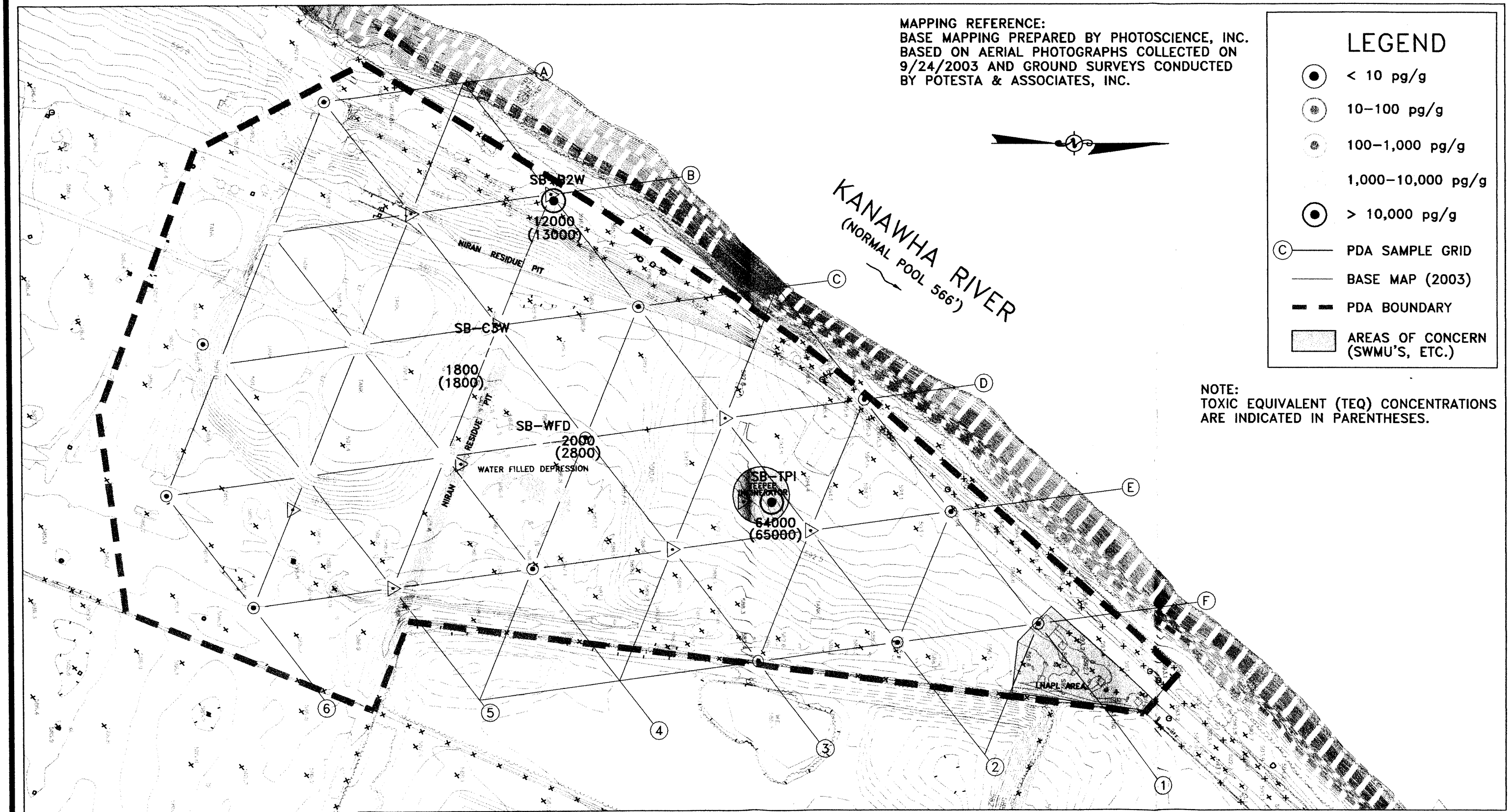
Potesta & Associates, Inc.
ENGINEERS AND ENVIRONMENTAL CONSULTANTS
2300 MacCorkle Ave. SE, Charleston, WV 25304
TEL: (304) 342-1400 FAX: (304) 343-9031
E-Mail Address: potesta@potesta.com

Project
TOTAL HERBICIDE (WASTE)
0.5'-6' DEPTH
PDA SWMU INVESTIGATION

Scale 1"=100'
Date JUNE 2004
Dwg. No. FIGURE 12

XREF Files: Aerial Topo 2003 wvsps PDA IMAGE Files:
File: S:\sdsk8\pro\01-0081-flexsys-river\DWG\PHASE120\PDA\Herbicide\01-0081-120A-HERB03.dwg
Plot Date/Time: Jun 16, 2004 - 8:47am
Plotted By: RSBria

MAPPING REFERENCE:
BASE MAPPING PREPARED BY PHOTOSCIENCE, INC. BASED ON AERIAL PHOTOGRAPHS COLLECTED ON 9/24/2003 AND GROUND SURVEYS CONDUCTED BY POTESTA & ASSOCIATES, INC.



LEGEND

- < 10 pg/g
- 10–100 pg/g
- 100–1,000 pg/g
- 1,000–10,000 pg/g
- > 10,000 pg/g
- PDA SAMPLE GRID
- BASE MAP (2003)
- PDA BOUNDARY
- AREAS OF CONCERN (SWMU'S, ETC.)

NOTE:
TOXIC EQUIVALENT (TEQ) CONCENTRATIONS ARE INDICATED IN PARENTHESES.

GRAPHIC SCALE

100 50 0 100 200

PROJECT #: 01-0081-120A FILE: B01-0081-120A-DIOX05

POTESTA

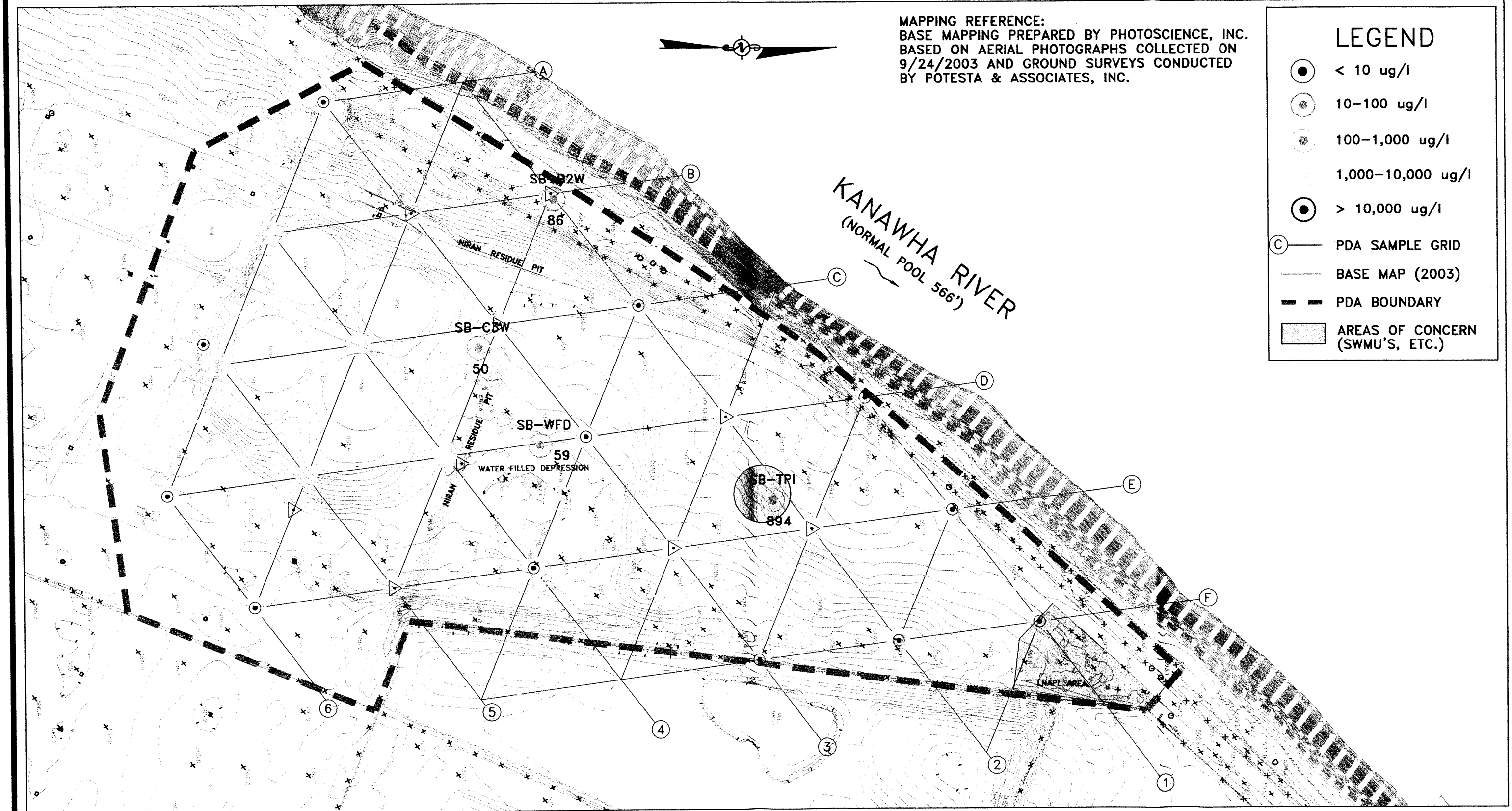
Potesta & Associates, Inc.
ENGINEERS AND ENVIRONMENTAL CONSULTANTS
2300 MacCorkle Ave. SE, Charleston, WV 25304
TEL: (304) 342-1400 FAX: (304) 343-9031
E-Mail Address: potesta@potesta.com

Project
TOTAL 2,3,7,8 TCDD RESULTS
0.5'-6' DEPTH (WASTE)
PDA SWMU INVESTIGATION

Scale 1"=100'
Date JUNE 2004
Dwg. No. FIGURE 13

XREF Files: Aerial Topo 2003 wvsps PDA IMAGE Files:
File: S:\sdsk8\proj\01-0081-flexsys-river\DWG\PHASE120\PDA\dioxin\01-0081-120A-DIOX05.dwg
Plot Date/Time: Jun 16, 2004 - 9:47am
Plotted By: RSBria

MAPPING REFERENCE:
BASE MAPPING PREPARED BY PHOTOSCIENCE, INC. BASED ON AERIAL PHOTOGRAPHS COLLECTED ON 9/24/2003 AND GROUND SURVEYS CONDUCTED BY POTESTA & ASSOCIATES, INC.



LEGEND

- < 10 ug/l
- 10–100 ug/l
- 100–1,000 ug/l
- 1,000–10,000 ug/l
- > 10,000 ug/l
- PDA SAMPLE GRID
- BASE MAP (2003)
- PDA BOUNDARY
- AREAS OF CONCERN (SWMU'S, ETC.)

GRAPHIC SCALE

100 50 0 100 200

PROJECT #: 01-0081-120A FILE: B01-0081-120A-VOC05

POTESTA

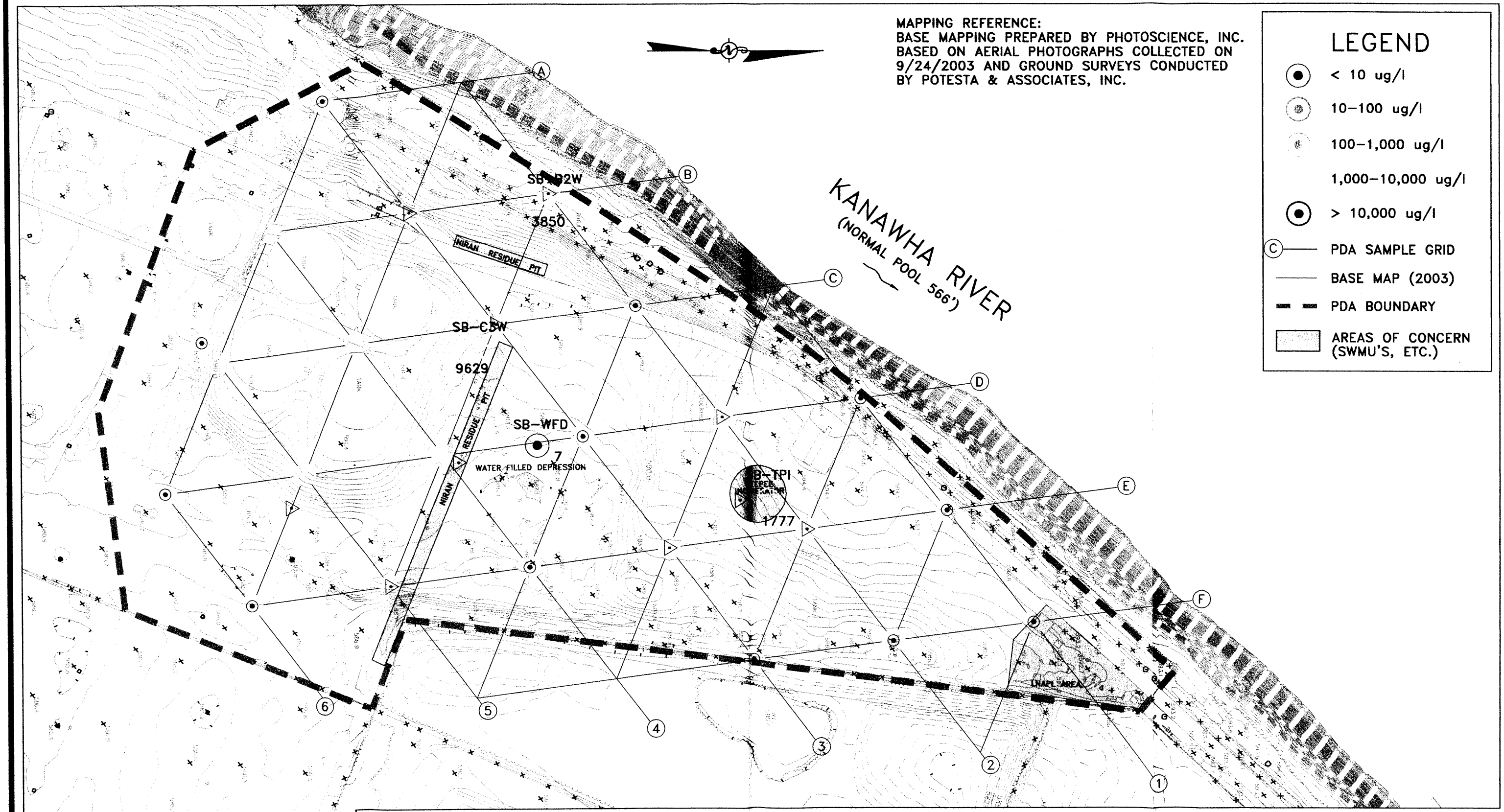
Potesta & Associates, Inc.
ENGINEERS AND ENVIRONMENTAL CONSULTANTS
2300 MacCorkle Ave. SE, Charleston, WV 25304
TEL: (304) 342-1400 FAX: (304) 343-9031
E-Mail Address: potesta@potesta.com

Project
TOTAL VOC TCLP (WASTE)
0.5'-6' DEPTH
PDA SWMU INVESTIGATION

Scale 1"=100'
Date JUNE 2004
Dwg. No. FIGURE 14

XREF Files: Aerial Topo 2003 wvsps PDA IMAGE Files:
File: S:\sdsk8\proj\01-0081-flexsys-river\DWG\PHASE120\PDA\VOC\01-0081-120A-VOC05.dwg
Plot Date/Time: Jun 15, 2004 - 4:54pm
Plotted By: RSBria

MAPPING REFERENCE:
BASE MAPPING PREPARED BY PHOTOSCIENCE, INC.
BASED ON AERIAL PHOTOGRAPHS COLLECTED ON
9/24/2003 AND GROUND SURVEYS CONDUCTED
BY POTESTA & ASSOCIATES, INC.



LEGEND

- < 10 ug/l
- 10–100 ug/l
- 100–1,000 ug/l
- 1,000–10,000 ug/l
- > 10,000 ug/l
- PDA SAMPLE GRID
- BASE MAP (2003)
- PDA BOUNDARY
- AREAS OF CONCERN (SWMU'S, ETC.)

GRAPHIC SCALE

100 50 0 100 200

PROJECT #: 01-0081-120A FILE: B01-0081-120A-SVOC03

POTESTA

Potesta & Associates, Inc.
ENGINEERS AND ENVIRONMENTAL CONSULTANTS
2300 MacCorkle Ave. SE, Charleston, WV 25304
TEL: (304) 342-1400 FAX: (304) 343-9031
E-Mail Address: potesta@potesta.com

Project
TOTAL SVOC TCLP (WASTE)
0.5'-6' DEPTH
PDA SWMU INVESTIGATION

Scale 1"=100'
Date JUNE 2004
Dwg. No. FIGURE 15

XREF Files: Aerial Topo 2003 wvsps PDA IMAGE Files:
File: S:\gosk8\proj\01-0081-flexsys-river\DWG\PHASE120\PDA\SVOC\01-0081-120A-SVOC03.dwg
Plot Date/Time: Jun 16, 2004 - 8:48am
Plotted By: RSBria

MAPPING REFERENCE:
BASE MAPPING PREPARED BY PHOTOSCIENCE, INC.
BASED ON AERIAL PHOTOGRAPHS COLLECTED ON
9/24/2003 AND GROUND SURVEYS CONDUCTED
BY POTESTA & ASSOCIATES, INC.

LEGEND

- < 10 ug/l
- 10–100 ug/l
- 100–1,000 ug/l
- 1,000–10,000 ug/l
- > 10,000 ug/l
- PDA SAMPLE GRID
- BASE MAP (2003)
- PDA BOUNDARY
- AREAS OF CONCERN (SWMU'S, ETC.)

KANAWHA RIVER
(NORMAL POOL 566')

SB-B2W
130
NIRAN RESIDUE PIT
SB-C5W
21
SB-WFD
0.3
WATER FILLED DEPRESSION
NIRAN RESIDUE PIT
SB-TPI
DEEPEE INCINERATOR
520
LNAPL AREA

A B C D E F
1 2 3 4 5 6

GRAPHIC SCALE
100 50 0 100 200

PROJECT #: 01-0081-120A FILE: B01-0081-120A-HERB05

POTESTA

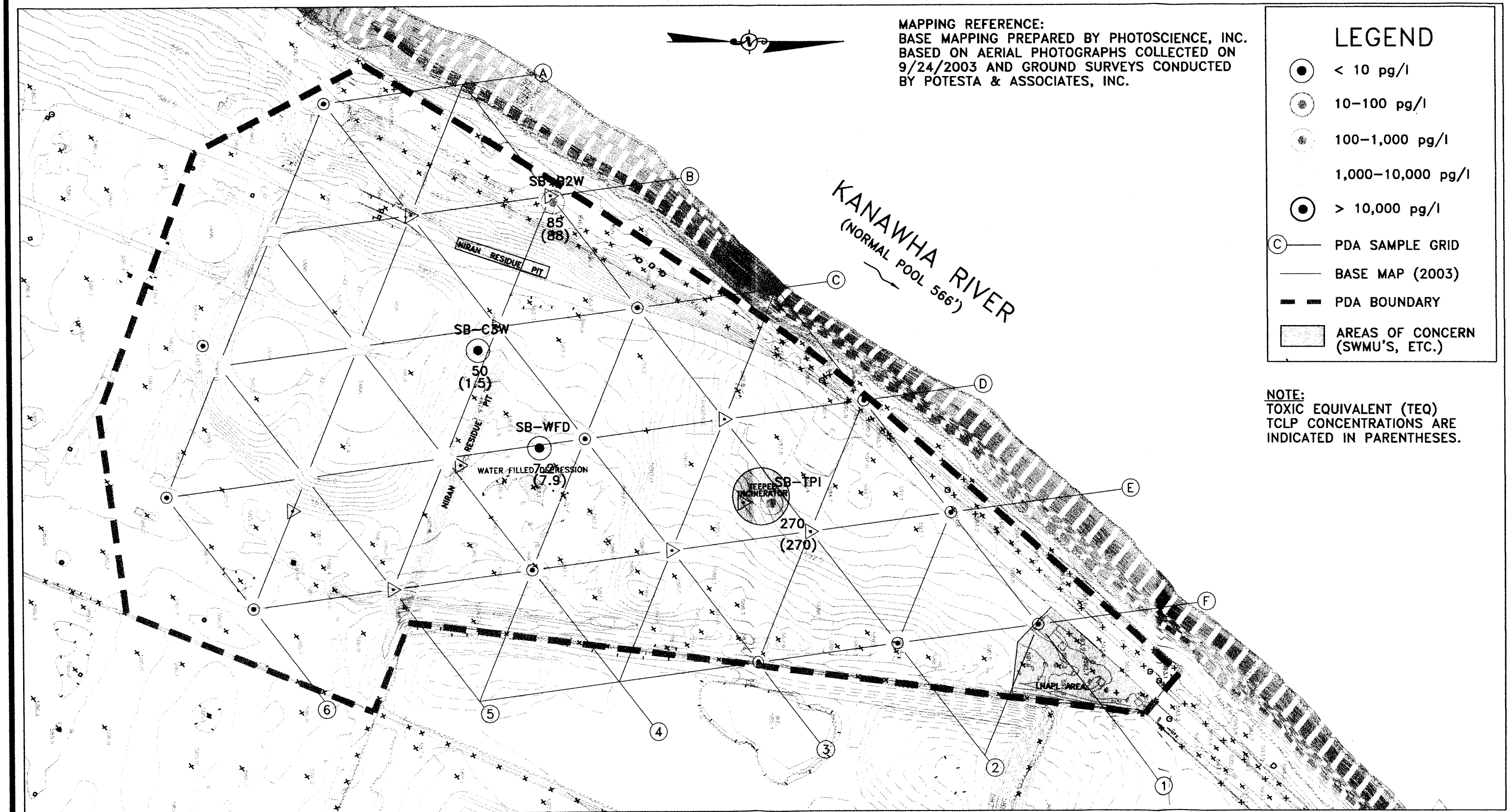
Potesta & Associates, Inc.
ENGINEERS AND ENVIRONMENTAL CONSULTANTS
2300 MacCorkle Ave. SE, Charleston, WV 25304
TEL: (304) 342-1400 FAX: (304) 343-9031
E-Mail Address: potesta@potesta.com

Project
TOTAL HERBICIDE TCLP (WASTE)
0.5'-6' DEPTH
PDA SWMU INVESTIGATION

Scale 1"=100'
Date JUNE 2004
Dwg. No. FIGURE 16

XREF Files: Aerial Topo 2003 wvsps PDA IMAGE Files:
File: S:\sdsk8\proj\01-0081-flexsys-river\DWG\PHASE120\PDA\Herbicide\01-0081-120A-HERB05.dwg
Plot Date/Time: Jun 16, 2004 - 8:48am
Plotted By: RSBria

MAPPING REFERENCE:
BASE MAPPING PREPARED BY PHOTOSCIENCE, INC. BASED ON AERIAL PHOTOGRAPHS COLLECTED ON 9/24/2003 AND GROUND SURVEYS CONDUCTED BY POTESTA & ASSOCIATES, INC.



LEGEND

- < 10 pg/l
- 10–100 pg/l
- 100–1,000 pg/l
- 1,000–10,000 pg/l
- > 10,000 pg/l
- PDA SAMPLE GRID
- BASE MAP (2003)
- PDA BOUNDARY
- AREAS OF CONCERN (SWMU'S, ETC.)

NOTE:
TOXIC EQUIVALENT (TEQ) TCLP CONCENTRATIONS ARE INDICATED IN PARENTHESES.

GRAPHIC SCALE
100 50 0 100 200

PROJECT #: 01-0081-120A FILE: B01-0081-120A-DIOX03

POTESTA

Potesta & Associates, Inc.
ENGINEERS AND ENVIRONMENTAL CONSULTANTS
2300 MacCorkle Ave. SE, Charleston, WV 25304
TEL: (304) 342-1400 FAX: (304) 343-9031
E-Mail Address: potesta@potesta.com

Project TOTAL 2,3,7,8 TCDD TCLP (WASTE) 0.5'-6' DEPTH PDA SWMU INVESTIGATION

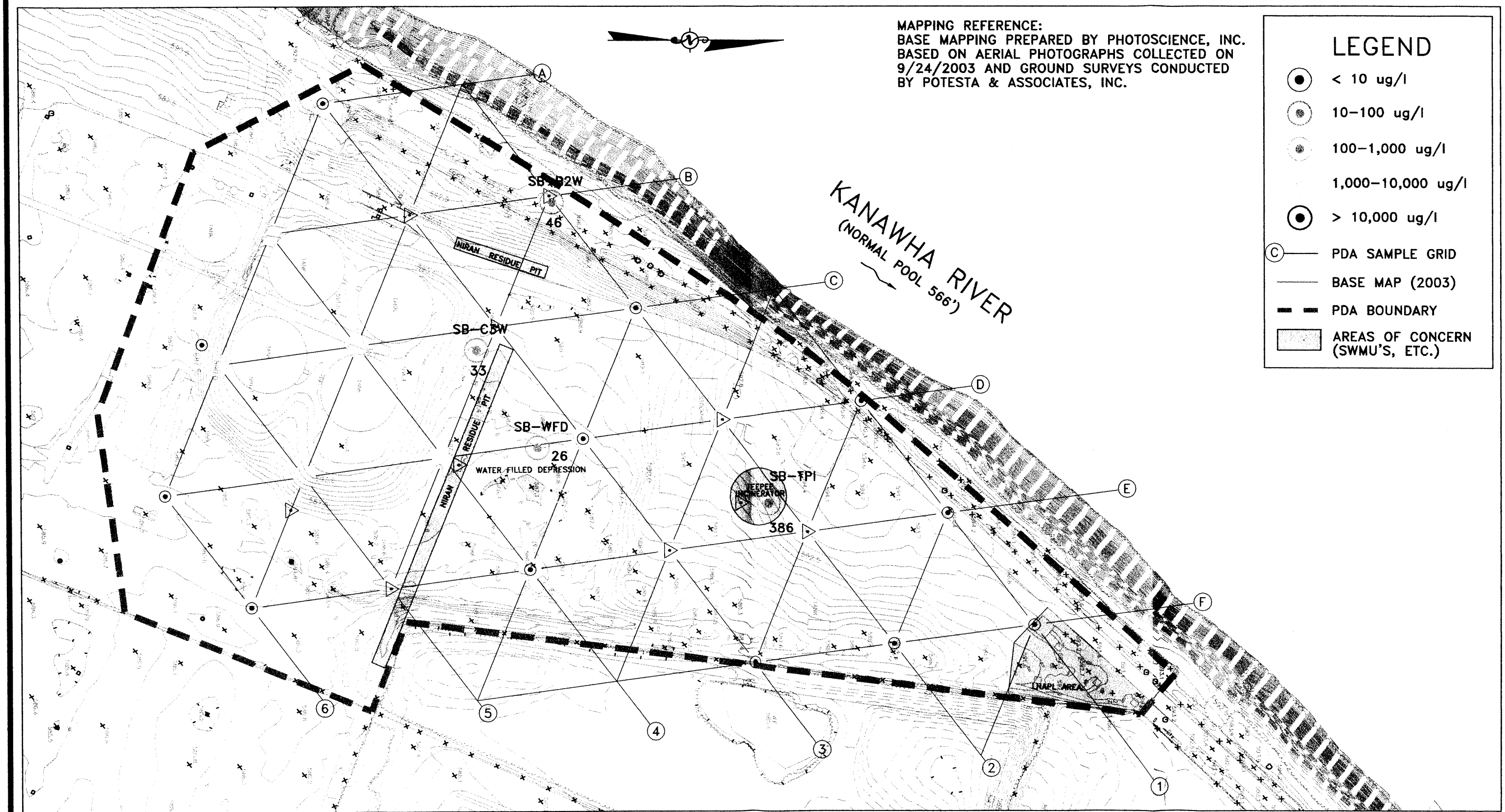
Scale 1"=100'

Date JUNE 2004

Dwg. No. FIGURE 17

XREF Files: Aerial Topo 2003 wvsps PDA IMAGE Files:
File: S:\sdsk8\proj\01-0081-flexsys-river\DWG\PHASE120\PDA\dioxin\01-0081-120A-DIOX03.dwg
Plot Date/Time: Jun 15, 2004 - 4:57pm
Plotted By: RSBrid

MAPPING REFERENCE:
BASE MAPPING PREPARED BY PHOTOSCIENCE, INC.
BASED ON AERIAL PHOTOGRAPHS COLLECTED ON
9/24/2003 AND GROUND SURVEYS CONDUCTED
BY POTESTA & ASSOCIATES, INC.



LEGEND

- < 10 ug/l
- 10–100 ug/l
- 100–1,000 ug/l
- 1,000–10,000 ug/l
- > 10,000 ug/l
- PDA SAMPLE GRID
- BASE MAP (2003)
- PDA BOUNDARY
- AREAS OF CONCERN (SWMU'S, ETC.)

GRAPHIC SCALE

100 50 0 100 200

PROJECT #: 01-0081-120A FILE: B01-0081-120A-SVOC04

POTESTA

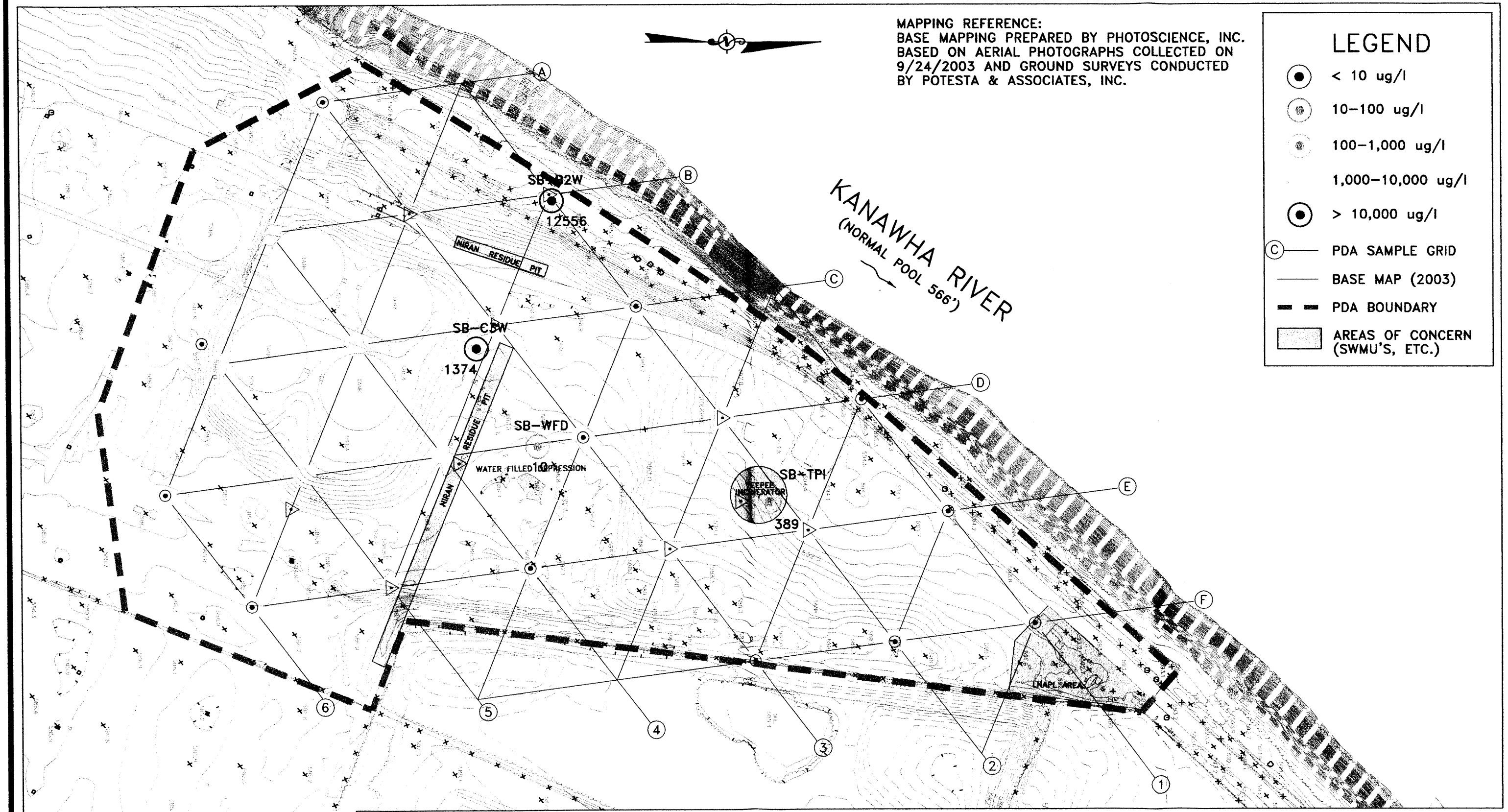
Potesta & Associates, Inc.
ENGINEERS AND ENVIRONMENTAL CONSULTANTS
2300 MacCorkle Ave. SE, Charleston, WV 25304
TEL: (304) 342-1400 FAX: (304) 343-9031
E-Mail Address: potesta@potesta.com

Project
TOTAL VOC SPLP (WASTE)
0.5'-6' DEPTH
PDA SWMU INVESTIGATION

Scale 1"=100'
Date JUNE 2004
Dwg. No. FIGURE 18

XREF Files: Aerial Topo 2003 wvsps PDA IMAGE Files:
File: S:\sdsk8\proj\01-0081-flexsys-river\DWG\PHASE120\PDA\SVOC\01-0081-120A-SVOC04.dwg
Plot Date/Time: Jun 16, 2004 - 9:39am
Plotted By: RSBria

MAPPING REFERENCE:
BASE MAPPING PREPARED BY PHOTOSCIENCE, INC.
BASED ON AERIAL PHOTOGRAPHS COLLECTED ON
9/24/2003 AND GROUND SURVEYS CONDUCTED
BY POTESTA & ASSOCIATES, INC.



LEGEND

- < 10 ug/l
- 10–100 ug/l
- 100–1,000 ug/l
- 1,000–10,000 ug/l
- > 10,000 ug/l
- PDA SAMPLE GRID
- BASE MAP (2003)
- PDA BOUNDARY
- AREAS OF CONCERN (SWMU'S, ETC.)

GRAPHIC SCALE

100 50 0 100 200

PROJECT #: 01-0081-120A FILE: B01-0081-120A-SVOC05

POTESTA

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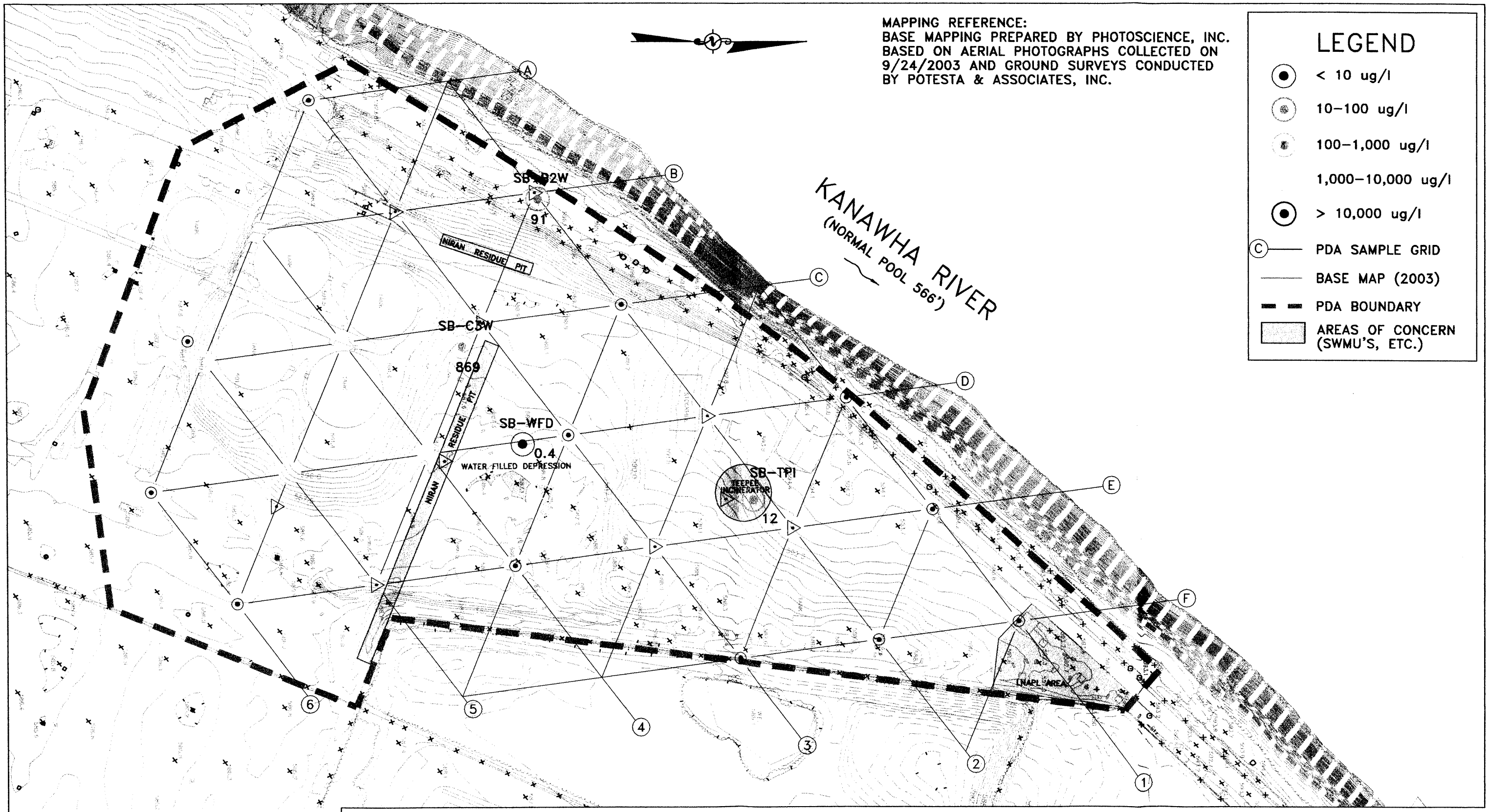
Project
TOTAL SVOC SPLP (WASTE)
0.5'-6' DEPTH
PDA SWMU INVESTIGATION

Scale 1"=100'
Date JUNE 2004
Dwg. No. FIGURE 19

XREF Files: Aerial Topo 2003 wvsps PDA IMAGE Files:
File: S:\gdsk8\proj\01-0081-flexsys-river\DWG\PHASE120\PDA\SVOC\01-0081-120A-SVOC05.dwg
Plot Date/Time: Jun 15, 2004 - 4:59pm
Plotted By: RSBrid

MAPPING REFERENCE:
BASE MAPPING PREPARED BY PHOTOSCIENCE, INC.
BASED ON AERIAL PHOTOGRAPHS COLLECTED ON
9/24/2003 AND GROUND SURVEYS CONDUCTED
BY POTESTA & ASSOCIATES, INC.



LEGEND

- < 10 ug/l
- 10–100 ug/l
- 100–1,000 ug/l
- 1,000–10,000 ug/l
- > 10,000 ug/l
- PDA SAMPLE GRID
- BASE MAP (2003)
- PDA BOUNDARY
- AREAS OF CONCERN (SWMU'S, ETC.)

GRAPHIC SCALE

100 50 0 100 200

PROJECT #: 01-0081-120A FILE: B01-0081-120A-HERB04

POTESTA

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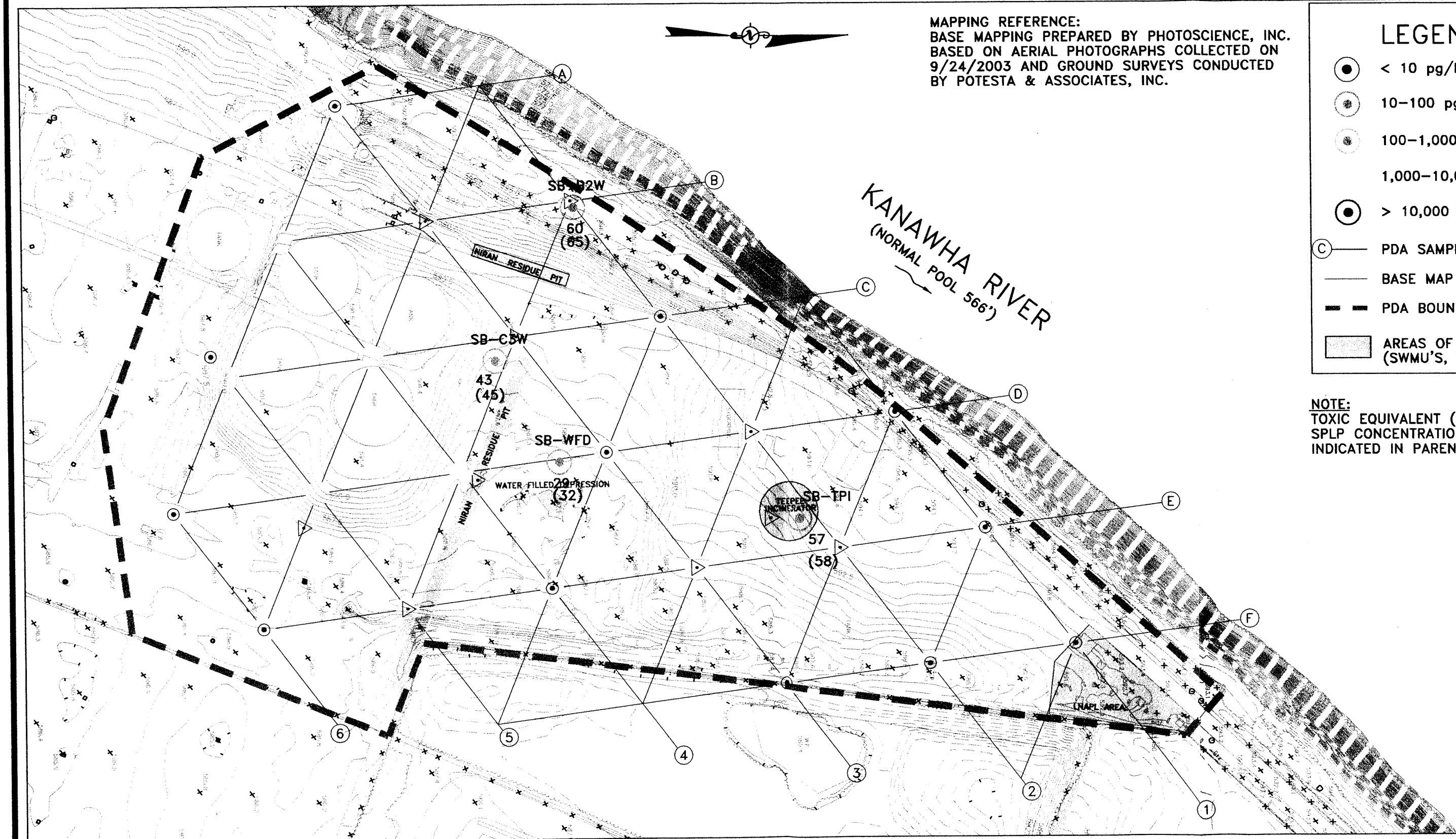
Project
TOTAL HERBICIDE SPLP (WASTE)
0.5'-6' DEPTH
PDA SWMU INVESTIGATION

Scale 1"=100'
Date JUNE 2004
Dwg. No. FIGURE 20

XREF Files: Aerial Topo 2003 wvsps PDA IMAGE Files:
File: S:\sdsk8\proj\01-0081-flexsys-river\DWG\PHASE120\PDA\Herbicide\01-0081-120A-HERB04.dwg
Plot Date/Time: Jun 15, 2004 - 5:01pm
Plotted By: RSBria

MAPPING REFERENCE:
BASE MAPPING PREPARED BY PHOTOSCIENCE, INC. BASED ON AERIAL PHOTOGRAPHS COLLECTED ON 9/24/2003 AND GROUND SURVEYS CONDUCTED BY POTESTA & ASSOCIATES, INC.



LEGEND

- < 10 pg/l
- 10–100 pg/l
- 100–1,000 pg/l
- 1,000–10,000 pg/l
- > 10,000 pg/l
- PDA SAMPLE GRID
- BASE MAP (2003)
- PDA BOUNDARY
- AREAS OF CONCERN (SWMU'S, ETC.)

NOTE:
TOXIC EQUIVALENT (TEQ) SPLP CONCENTRATIONS ARE INDICATED IN PARENTHESES.

GRAPHIC SCALE
100 50 0 100 200

PROJECT #: 01-0081-120A FILE: B01-0081-120A-DIOX04

POTESTA

Potesta & Associates, Inc.
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E-Mail Address: potesta@potesta.com

Project
TOTAL DIOXIN SPLP (WASTE)
0.5'-6' DEPTH
PDA SWMU INVESTIGATION

Scale 1"=100'
Date JUNE 2004
Dwg. No. FIGURE 21

XREF Files: Aerial Topo 2003 wvsps PDA IMAGE Files:
File: S:\sdsk6\proj\01-0081-flexsys-river\DWG\PHASE120\PDA\dioxin\01-0081-120A-DIOX04.dwg
Plot Date/Time: Jun 15, 2004 - 9:53am
Plotted By: RSBrid

APPENDIX C

(SB-LPI)

SB TEEPEE Incinerator
waste sample

Drill Site Soil and Rock Description Report

Borehole No._____ Project_____ Page ____

Location: PDA Date: 7-31-03

Borehole Dia.: 2" Surface Elevation:_____

Logger: DNJ Contractor:_____

Elev.	Depth	Thickness	Description of Cutting Material	Comments
	0.0 2.1		Lst gravel fill w/sd. gry, granular, wet (coarse	
	2.1 2.3		Lst gravel as above v.wet, high odor, bk.	
	2.3 2.8		Clay soil, some silt, color variated tn, red bn, moist, med plastic, homog.	
	2.8 4.2		Unknown material, bk, granulated material, some asbestos, sandstone like, hard, yellow/greenish.	Swell at 2.8' PID 9.8 semi vol odor
	4.2 6.2		Clay under soil, bn, moist, firm med plasticity, homog.	

B2W

Small Niran Pit
Waste sample

Drill Site Soil and Rock Description Report

Borehole No._____ Project Solutia CA-725 Page 1

Location: Flexsys PDA Date: 7-31-03

Borehole Dia.: 2" Surface Elevation:

Logger: DNJ Contractor: Enviroprobe.

Elev.	Depth	Thickness	Description of Cutting Material	Comments
	0-0' 0.5'	0.5'	Fill-coarse Lst. gravel, gry/dkgry w/silt and some sand, moist, granular; no-odor.	
	0.5' 2.8'	2.3	CL w/minor Lst gravel (as above), gy, bn, dkbn., moist, firm, med-plastic	
	2.8' 3.25'	0.45	Unknown material (S. residue?) w/ Lst gravel inclusions, gy/gn, dry, hard, flaky material.	
	3.25' 3.5	0.25	CL w/silt, bn/blk, moist, firm, med-plasticity, homog.	
	3.5 4.1	0.6	CL soil w/black unknown fibrous material, wet, med soft. distinct odor (common to Niran area)	PID at 2.7' = 20.0 ppm
	4.1 10.1	6.0	CL-lean clay, bk to bn varigated, moist, firm, med-plasticity, homog. minor odor (Niran?)	PID at 4.4' = 1.0 ppm

Waste Sample - Water Filled Depression

Hole #1

Drill Site Soil and Rock Description Report

Borehole No. SB WFD Project _____ Page ____

Location: PDN Date: 8-1-03

Borehole Dia.: 2" Surface Elevation: _____

Logger: DNJ Contractor: _____

Elev.	Depth	Thickness	Description of Cutting Material	Comments
	0.0 0.8		Clay + Lst fill, lst gravel coarse, gy/bn/dkgy.	
	0.8 1.3		Clay loam, w/ Lst gravel, bn w/ bk-dkgy variegation. moist, firm, med plastic	
	1.3 1.9	0.6	Lst gravel unknown loamy soil, bk sndy, moist, firm, non plastic	
	1.9 5.6		Clay loam, rd bn/yl bn w/gray variegation. moist, firm, homog. med plastic.	Refusal at 5.6'
			Note: no apparent waste ~~=~~ slight odor at 4.8 - 5.2'	
			TD 5.6'	

Hole #2 2.5 feet north Hole #1

Hole #2

Drill Site Soil and Rock Description Report

Borehole No. SB WFD Project _____ Page ____

Location: _____ Date: _____

Borehole Dia.: _____ Surface Elevation: _____

Logger: _____ Contractor: _____

Elev.	Depth	Thickness	Description of Cutting Material	Comments
	0.0 4.6		Clay w/ demolition material brick mortar and unknown black material w/odor of volitile material	
	4.6 7.2		Clay Loam as above. clean, rd brn, w/gy verig. moist, firm med. plastic.	

Drill Site Soil and Rock Description Report

Borehole No. SB A-3 Project Solutia CA-725 Page 1

Location: Flexsys PDA Date: 7-31-03

Borehole Dia.: 2" Surface Elevation:

Logger: DNJ Contractor: Enviroprobe

Elev.	Depth	Thickness	Description of Cutting Material	Comments
	0.0' 0.5'	0.5'	Fill material - Red brick and mortar w/sd + silt (75%+25%), rd + rdbn; loose moist, non-plastic.	

Drill Site Soil and Rock Description Report

Borehole No. SB A-3 Project Solutia CA-725 Page 1

Location: Flexys PDA Date: 7-31-03

Borehole Dia.: 2" Surface Elevation:

Logger: DNJ Contractor: Envirosprobe

Elev.	Depth	Thickness	Description of Cutting Material	Comments
	0.5 0.8	0.3	Fill material - red brick + mortar, rd, dry, non plastic, no odor.	
	0.8 4.7	3.9	CL - Clay lean w/ silt, rd bn, moist, firm, minor Lst gravel frags (2.2' + 2.8'), med-plastic, gen. homog.	
	4.7 8.1	3.4	CL - as above w/o Lst gravel.	
			TD. 8.1	

Drill Site Soil and Rock Description Report

Borehole No. SB B-2 Project Solutia CA-725 Page 1

Location: Flexsys PDA Date: 7-31-03

Borehole Dia.: 2" Surface Elevation:

Logger: DNJ Contractor: Enviroprobe

Elev.	Depth	Thickness	Description of Cutting Material	Comments
	0.0' 0.5'	0.5	Sandy loam, w/silt and lst. gravel, bn/rd bn, soft, dry, firm, sand poorly srtd, sub angular, some	
			and organic matter, non-plastic.	

Drill Site Soil and Rock Description Report

Borehole No. SB B-2 Project Solutia CA-725 Page 1

Location: Flexsys PDA Date: 7-31-03

Borehole Dia.: 2" Surface Elevation:

Logger: DNJ Contractor: Envirprobe

Elev.	Depth	Thickness	Description of Cutting Material	Comments
	0.5' 2.1'	0.6'	SM - Sandy silt w/ brick + mortar fragments (20%), rd/bn, firm/hard, moist, non-plastic.	
	2.1' 2.5'	0.4'	SM - sandy silt w/ increasing Sl (clay) 40%, rd/bn moist med-plastic, firm, homog.	
	2.5 6.4	3.9'	SM - clay lean, w/ silt and some sd. clay > 50%, silt 35±%, moist, firm high plasticity, homog.	
			TD 6.4	

Drill Site Soil and Rock Description Report

Borehole No. SB B-3 Project Solutia CA-725 Page 1

Location: Flexsys PDA Date: 7-31-03

Borehole Dia.: 2" Surface Elevation:

Logger: DNJ Contractor: Enviroprobe

Elev.	Depth	Thickness	Description of Cutting Material	Comments
	0.0' 0.5'	0.5	Fill material - Lst gravel and silt. bk/dk gy, moist/dry, granular w/ Lst gravel < 3-4 cm, non-plastic.	

Drill Site Soil and Rock Description Report

Borehole No. SB B-3 Project Solutia CA 725 Page 1

Location: Flexsys DDA Date: 7-31-03

Borehole Dia.: 2" Surface Elevation:

Logger: DNJ Contractor: Enviroprobe

Elev.	Depth	Thickness	Description of Cutting Material	Comments
	0.5 2.8	2.3	Fill - clay w/ rd brick + mortar, unknown blk material (s. residue ?), rd, bn, bk, clay - soft, wet med to non plastic, slight odor (chemical).	
	2.8 4.2	1.4	CL - ML - lean clay w/ silt, rd bn, moist, firm, good plasticity, homog. no odor	
	4.2 7.1	2.9	CL - ML as above.	
			TD 7.1	

Drill Site Soil and Rock Description Report

Borehole No. SB C-2 Project Solutia CA-750 Page 1

Location: Flexsys PDA Date: 7-31-03

Borehole Dia.: 2" Surface Elevation:

Logger: DNJ Contractor: Envireprobe

Elev.	Depth	Thickness	Description of Cutting Material	Comments
	0.1' 0.5'	0.5'	Fill - Lot gravel, silt + clay + sd, bk/dkgy, moist, non-plastic, soft, broken/granular texture, no odor.	

Drill Site Soil and Rock Description Report

Borehole No. SB C-2 Project Solutia CA-725 Page 1

Location: Flexsys PDA Date: 7-31-03

Borehole Dia.: 2" Surface Elevation:

Logger: DNJ Contractor: Envirprobe.

Elev.	Depth	Thickness	Description of Cutting Material	Comments
	0.5 2.2	1.7	Fill, typical Lst, clay, silt material Lst gravel coarse, dk gy/red bn, moist firm, med-plasticity.	
	2.2 8.0	5.8	Clay w/sand and silt (20% - 40% - 40%) bk/bn, soft, unconsolidated, Sand did not allow full core recovery	6.0 core 4.7' recovery
			T.D. 8.0	

Drill Site Soil and Rock Description Report

Borehole No. SB C-3 Project Solutia CA-725 Page 1

Location: Flexsys PDA Date: 7-30-03

Borehole Dia.: 2" Surface Elevation:

Logger: DNJ Contractor: Envirroprobe

Elev.	Depth	Thickness	Description of Cutting Material	Comments
	0.0 0.5	0.5	Fill material, Lst gravel w/ clay, silt and minor sand. moist/dry, granular non-plastic, no odor.	
			TD 0.5'	

Drill Site Soil and Rock Description Report

Borehole No. SB C-3 Project Solutia CA-725 Page 1

Location: Flexsys PDA Date: 7-30-03

Borehole Dia.: 2" Surface Elevation:

Logger: DNJ Contractor: Enviroprobe

Elev.	Depth	Thickness	Description of Cutting Material	Comments
	0.5' 0.7'	0.2'	Fill material, Lst gravel (coarse) w/ red brick and mortar fragments (< 4cm.), rd and gry color, dry.	
	0.7' 1.45'	0.75'	CL lean clay w/ silt, bn/rd bn variq., moist, firm non/med plastic,	
	1.45' 1.65'	0.2'	Brick and mortar fill, rd w/gry, dry.	
	1.65' 3.6'	1.95	CL-ML, lean clay w/ silt (50%-50%) dk bn/bn, moist, firm, med-plastic, good homog.	
	3.6' 7.3'	3.7	CL-ML as above.	
			TD 7.3'	

Drill Site Soil and Rock Description Report

Borehole No. SB C-5 Project Solutia CA-7 Page 1

Location: Flexsys PDA Date: 7-30-03

Borehole Dia.: 2" Surface Elevation:

Logger: DNS Contractor: Enviroprobe

Elev.	Depth	Thickness	Description of Cutting Material	Comments
	0.0' 0.5'	0.5'	Fill material, Lst gravel (coarse) w/silt. gy/dkgy, dry, firm, non plastic.	
			TD 0.5'	

Drill Site Soil and Rock Description Report

Borehole No. SB C-5 Project Solutia CA-725 Page 1

Location: Flexsys PDA Date: 7-30-03

Borehole Dia.: 2" Surface Elevation:

Logger: DNS Contractor: Enviroprobe

Elev.	Depth	Thickness	Description of Cutting Material	Comments
	0.5' 2.6'	2.1'	Fill - clay w/ Lst gravel (coarse), lean clay stringers, gy/dk gry, dry, firm non-plastic.	
	2.6' 6.9'	4.3'	Clay, w/ black color stringers, bk/dk bn, moist med plastic, firm, wet from 3.6 to total depth. No odor	
			TD 6.9'	

Drill Site Soil and Rock Description Report

Borehole No. SB D-1 Project Solutia CA-725 Page 1

Location: Flexsys PDA Date: 7-30-03

Borehole Dia.: 2" Surface Elevation:

Logger: DNJ Contractor: Envirosprobe

Elev.	Depth	Thickness	Description of Cutting Material	Comments
	0.0 0.5	0.5	Fill material - Lot gravel (coarse) w/ silt, clay, and sd., gy/dk gy, moist, firm, no odor.	
			TD 0.5	

Drill Site Soil and Rock Description Report

Borehole No. SB D-1 Project Solutia CA-725 Page 1

Location: Flexsys PDA Date: 7-30-03

Borehole Dia.: 2" Surface Elevation:

Logger: DNJ Contractor: Enviroprobe

Elev.	Depth	Thickness	Description of Cutting Material	Comments
	0.5 0.7	0.2	Fill material, typical Lst gravel, clay, sd + silt, gy/dkgy, moist, firm, non plastic, no odor.	
	0.7 2.6	1.9	ML + CL, Silt w/clay, some sd., (50% - 40% and 10%), bn/dkbn, dry, hard, non-plastic. granular, no-odor.	
	2.6 2.7	0.1	Red brick waste material, broken, some mortar, dry.	
	2.7 6.0	3.3	sCL - silty lean clay, (20-25%, 75%) bn/rdbn, moist, firm, med plastic, homog. no odor.	
			TD. 6.0	

Drill Site Soil and Rock Description Report

Borehole No. SB D-2 Project Solutia CA-725 Page 1

Location: Flexsys PDA Date: 7-30-03

Borehole Dia.: 2" Surface Elevation:

Logger: DNJ Contractor: Enviroprobe

Elev.	Depth	Thickness	Description of Cutting Material	Comments
	0.0 0.5	0.5	Fill - Lst (coarse) w/silt + clay (40-45%, 45%) dk gy/blk, moist, firm, non-plastic,	

Drill Site Soil and Rock Description Report

Borehole No. SB D-2 Project Solutia CA-725 Page 1

Location: Flexsys PDA Date: 7-30-03

Borehole Dia.: 2" Surface Elevation:

Logger: DNJ Contractor: Enviroprobe

Elev.	Depth	Thickness	Description of Cutting Material	Comments
	0.5 1.6	1.1	Fill, Lst gravel, clay, silt and sd., ltgy/gy, dry, hard, non plastic, no odor.	
	1.6 3.3	1.7	Clay, silty w/ Lst and brick fragments, ylw, bn, rd varigation, dry/moist, firm/hard, non plastic, no odor	
	3.3 3.5	0.2	Lst gravel (layer) gry, hard, dry.	
	3.5 5.5	2.0	CL - lean clay (60%±) w/ Lst gravel intermitant, gry brn/bn, moist, med plastic, homog w/ gravel, no odor.	
			TD 5.5'	

Drill Site Soil and Rock Description Report

Borehole No. SB D-3 Project Solutia CA-725 Page 1

Location: Flexsys PDA Date: 7-31-03

Borehole Dia.: 2" Surface Elevation:

Logger: DNJ Contractor: Enviroprobe

Elev.	Depth	Thickness	Description of Cutting Material	Comments
	0.0' 0.5'	0.5	Fill material Lot gravel (coarse) w/ silt + sd, dk gry/blk, moist, granular - non-plastic, no odor.	

Drill Site Soil and Rock Description Report

Borehole No. SB D-3 Project Solutia CA-725 Page 1

Location: Flexsys PDA Date: 7-31-03

Borehole Dia.: 2" Surface Elevation:

Logger: DNJ Contractor: Envirodrill, Inc.

Elev.	Depth	Thickness	Description of Cutting Material	Comments
	0.5' 1.4'	0.9	Fill material - Lst gravel w/silt + sd. bk, dk gy, minor rd brick frag. w/mortar, moist, firm, non plastic.	
	1.4' 6.4	5.0	CL - lean clay, tn/yel, varigated w/ blk streaks, moist, firm, med-plastic.	
			TD 6.4	

Drill Site Soil and Rock Description Report

Borehole No. SB D-1 Project _____ Page ____

Location: PDA Date: 8-1-03

Borehole Dia.: 2" Surface Elevation: _____

Logger: DNJ Contractor: _____

Elev.	Depth	Thickness	Description of Cutting Material	Comments
	0.0 0.5'	0.5	Fill-clay + Lst gravel, bk/dk brn, m wet, firm S-residue pieces. Non plastic	

Drill Site Soil and Rock Description Report

Borehole No. SB D-4 Project _____ Page ____

Location: PDA Date: 8-1-03

Borehole Dia.: _____ Surface Elevation: _____

Logger: DNJ Contractor: _____

Elev.	Depth	Thickness	Description of Cutting Material	Comments
	0.5 1.6 ~~0.9~~		Clay loam w/bk staining throughout, bk/dk gry, moist med plastic, brick inclusions (fine)	
	1.6 6.4		Clay loam w/silt, yel bn, bn, moist firm, homog. no odor, med/high plastic.	

Drill Site Soil and Rock Description Report

Borehole No. SB D5 Project _____ Page ____

Location: PDA Date: 8-1-03

Borehole Dia.: 2" Surface Elevation: _____

Logger: DNJ Contractor: _____

Elev.	Depth	Thickness	Description of Cutting Material	Comments
	0.0 0.5	0.5	Silty Clay. tan/bn verigated, laminated moist, hard, nonplastic. much brick and mortar	

Drill Site Soil and Rock Description Report

Borehole No. SB D5 Project _____ Page 1

Location: PDA Date: 8-1-03

Borehole Dia.: 2" Surface Elevation: _____

Logger: DNJ Contractor: _____

Elev.	Depth	Thickness	Description of Cutting Material	Comments
	0.5 4.5		Clay Loam w/silt, clean, rd/bn w/ yel verigation, firm, med plastic, homog. no odor. minor cat gravel at 3.4-3.7	
	4.5 8.4		Clay loam as above TD 8.4	

Drill Site Soil and Rock Description Report

Borehole No. SB D-6 Project _____ Page ____

Location: PDA Date: _____

Borehole Dia.: 2" Surface Elevation: _____

Logger: DNJ Contractor: _____

Elev.	Depth	Thickness	Description of Cutting Material red	Comments
	~~0.5~~ 0.0 0.5		Lst + Clay fill, lst gravel (course) v. brick pieces, moist, non-plastic,	
	0.5			

Drill Site Soil and Rock Description Report

Borehole No. SB D-6 Project _____ Page ____

Location: PDA Date: 8-1-03

Borehole Dia.: 2" Surface Elevation: _____

Logger: DNJ Contractor: _____

Elev.	Depth	Thickness	Description of Cutting Material	Comments
	0.5 1.4		Building material, red brick, mortar, fire brick, 1st gravel.	
	1.4 8.8		Clay loam, rd bn, w/ yell and gry verigation, firm, moist, med plastic, homog., no odor.	
			TD 8.8	

Drill Site Soil and Rock Description Report

Borehole No. SB E-1 Project Solutia CA-725 Page 1

Location: Flexsys PDA Date: 7-29-03

Borehole Dia.: 2" Surface Elevation:

Logger: DNJ Contractor: Envirop probe

Elev.	Depth	Thickness	Description of Cutting Material	Comments
	0.0" 0.5"	0.5'	Fill material (30% Lst gravel, 60% sand, and 10% clay), dkgy/blk, course gravel, moist, firm/soft, no odor.	
			TD 0.5'	

Drill Site Soil and Rock Description Report

Borehole No. SB E-1 Project Solutia CA-750 Page 1

Location: Flexsys PDA Date: 7-29-03

Borehole Dia.: 2" Surface Elevation:

Logger: DNJ Contractor: Enviroprobe

Elev.	Depth	Thickness	Description of Cutting Material	Comments
	0.5 1.9	1.4	Fill material (clay 50%, silt 40%, sand 10%), bn/rd bn, dry, firm, non-plastic, no odor.	
	1.9 3.3	1.4	Fill material (clay + silt -60% + 25%) dk bn, varigated, moist/dry, firm/hd., med. plastic, mic, no odor	
	3.3 4.9	1.6	Solid to broken, unknown material, blk, dull, dry, crumbling, (tar like in part. soft/hd, vitreous 40% by vol.	
	4.9 6.0	1.1	CL - clay lean, bn/rd bn, (clay 60%, silt 30%, + sd 10%) moist/dry, firm, homog., mic.	
			TD 6.0'	

Drill Site Soil and Rock Description Report

Borehole No. SB E-2 Project Solutia CA-750 Page 1

Location: Flexsys PDA Date: 7-29-03

Borehole Dia.: 2" Surface Elevation:

Logger: DNJ Contractor: Enviroprobe

Elev.	Depth	Thickness	Description of Cutting Material	Comments
	0.0 0.5	0.5	Fill material, 1st gravel (coarse), silt + clay (40%, 40%), dk gy/gy, moist, moist/wet, non plastic, no odor.	
			TD 0.5'	

Drill Site Soil and Rock Description Report

Borehole No. SB E2 Project Solutia CA 750 Page ____

Location: Flexsys Date: 7-29-03

Borehole Dia.: 2" Surface Elevation: ____

Logger: DNJ Contractor: Enviroprobe

Elev.	Depth	Thickness	Description of Cutting Material	Comments
	0.5 2.9	2.4	Fill material (lst gravel 15%, sand 20%, silt 60%) w/brick and mortar frag., gy/dkgy, moist to dry, firm.	
	2.9 6.0	3.1	Clay (CL-ML) w/silt, ltbn/dkbn, moist to wet, soft, med plastic.	
			TD. 6.0	

Drill Site Soil and Rock Description Report

Borehole No. SB E3 Project Solutia CA-725 Page ____

Location: Flexsys PDA Date: 7-31-03

Borehole Dia.: 2" Surface Elevation: ____

Logger: DNJ Contractor: Enviroprobe Inc.

Elev.	Depth	Thickness	Description of Cutting Material	Comments
	0.0' 0.5'	0.5	Fill material, coarse Lst gravel, clay and silt. bk/dk gy, granular, moist hard, w/ no odor.	
			TD 0.5	

Drill Site Soil and Rock Description Report

Borehole No. 3B E-3 Project _____ Page ____

Location: PDA Date: 7-31-03

Borehole Dia.: _____ Surface Elevation: _____

Logger: DNS Contractor: _____

Elev.	Depth	Thickness	Description of Cutting Material	Comments
	0.5 3.7 ~~7.3~~		Fill-mixed lst, slt, clay. rd, bk, bn. brick dust + pieces w/some mortar wet, Lst gravel throughout. no odor.	
	3.7 7.3		Clean clay, bn/yel bn., homog., firm, moist med plasticity. TD. 7.3'	

Drill Site Soil and Rock Description Report

Borehole No. SB E-1 Project Solutia CA-725 Page 1

Location: Flexsys PDA Date: 7-31-03

Borehole Dia.: 2" Surface Elevation:

Logger: DNJ Contractor: Enviroprobe

Elev.	Depth	Thickness	Description of Cutting Material	Comments
	0. 0.5'	0.5	Fill material - Lst gravel (coarse), silt + sd. bk/dk gry, moist/wet, granular, firm, non plastic.	

Drill Site Soil and Rock Description Report

Borehole No. SB E-4 Project Solutia CA-725 Page 1

Location: Flexsys PDA Date: 7-31-03

Borehole Dia.: 2" Surface Elevation:

Logger: DNJ Contractor: Enviroprobe

Elev.	Depth	Thickness	Description of Cutting Material	Comments
	0.5' 0.9'		Fill material as 0.0'-0.5'.	
	0.9 7.5		CL-ML, lean clay w/silt, bn/ylwbn, homog. moist, v.firm, med plastic., homog, no.odor.	
			TD 7.5'	

Drill Site Soil and Rock Description Report

Borehole No. SB ES Project _____ Page ____

Location: PDA Date: 8-1-03

Borehole Dia.: _____ Surface Elevation: _____

Logger: DNJ Contractor: _____

Elev.	Depth	Thickness	Description of Cutting Material	Comments
	0.0 0.5		Fill - clay loam and Lt gravel, some river gravel and wood, bk/dk bn, wet soft-firm, non plastic, non homog.	

Drill Site Soil and Rock Description Report

Borehole No. SB ES Project _____ Page ____

Location: PDA Date: _____

Borehole Dia.: 2" Surface Elevation: _____

Logger: DNS Contractor: _____

Elev.	Depth	Thickness	Description of Cutting Material	Comments
	0.5 1.1		Clay loam w/Lst gravel (coarse) silt + sd (30%, 100%) moist, non homog, no plasticity.	
	1.1 4.0		Clay loam, clean, bn/red bn, w/gy verigation. firm, med plasticity, homog. slight odor.	
	4.0 5.6		Clay loam as above w/bk/dk gry verigation strong ~~[illegible]~~ odor of Niran Pit waste. homog., med plasticity,	
	5.6 7.4		Clay loam, clean, bn/red bn w/gy verigation firm, med plastic, homog, ~~no~~ minimal odor. TD 7.4	

X

Drill Site Soil and Rock Description Report

Borehole No. SB E-6 Project _____ Page ____

Location: PDA Date: 8-1-03

Borehole Dia.: 2" Surface Elevation: _____

Logger: DNJ Contractor: _____

Elev.	Depth	Thickness	Description of Cutting Material	Comments
	0.0 0.5		Clay Loam, w/ Lst gravel (course), rd bn w/ yell + gry verigation, firm, moist med plastic, homog. minor odor.	

Drill Site Soil and Rock Description Report

Borehole No. SB E-6 Project _____ Page ____

Location: PDA Date: 8-1-03

Borehole Dia.: _____ Surface Elevation: _____

Logger: DNS Contractor: _____

Elev.	Depth	Thickness	Description of Cutting Material	Comments
	0.5 1.3		Clay loam, rd bn w/ yel and gry vegetation firm, moist, med plastic, homog. minor odor (Nirin)	
	1.3 1.9		Lst gravel course	
	1.9 8.3		Clay loam as above.	

Drill Site Soil and Rock Description Report

Borehole No. SB F-1 Project Solutia CA-725 Page 1

Location: Flexsys PDA Date: 7-30-03

Borehole Dia.: 2" Surface Elevation:

Logger: DNJ Contractor: Envirprobe

Elev.	Depth	Thickness	Description of Cutting Material	Comments
	0.0 0.5	0.5	Fill material, coarse Lst gravel, clay, and slt, blk/dkgy, dry, granular, non-plastic, some S. residue.	

Drill Site Soil and Rock Description Report

Borehole No. SB F-1 Project Solutia CA-725 Page 1

Location: Flexsys PDA Date: 7-30-03

Borehole Dia.: 2" Surface Elevation:

Logger: DNJ Contractor: Enviroprobe

Elev.	Depth	Thickness	Description of Cutting Material	Comments
	0.5' 1.7'	1.2'	Fill, coarse Lst gravel w/ silt + sd. + clay bk/dk gy, dry, fine, sd - poor sorted, non-plastic - odor at 1.5'	
	1.7 4.9	3.2	CL - Lean clay w/ silt + clay - dk bn, moist, med plastic, homogen. firm.	PID 29.1 at 1.5
	4.9 8.0	3.1	CL-ML Lean clay w/ silt, bn/rd/bn. moist, med plasticity, homog., no odor	
			TD 8.0'	

Drill Site Soil and Rock Description Report

Borehole No. SB F-2 Project Solutia CA-750 Page 1

Location: Flexsys PDA Date: 7-29-03

Borehole Dia.: 2" Surface Elevation:

Logger: DNJ Contractor: Enviroprobe

Elev.	Depth	Thickness	Description of Cutting Material	Comments
	0.0 0.5	0.5	Fill material, lst gravel (coarse) w/ silt + sand (40% + 30%), dk gy, moist/wet, non plastic, firm/soft. no odor	
			TD 0.5'	

Drill Site Soil and Rock Description Report

Borehole No. SB F2 Project Solutia CA750 Page 1

Location: Flexsys PDA Date: 7-29-03

Borehole Dia.: 2" Surface Elevation:

Logger: DNS Contractor: Enviroprobe

Elev.	Depth	Thickness	Description of Cutting Material	Comments
	0.5' 1.9'	1.4'	CL, Clay lean (60%) lst gravel (10%) w/ brick frag., firm, med. plastic, moist, no odor, uniform	
	1.9 6.0	4.1	CL-ML Clay lean w/silt, dk gy/bk. soft, moist, med plastic, earthy order, uniform consistency	
			TD 6.0	

Drill Site Soil and Rock Description Report

Borehole No. SB F-3 Project Solutia CA-725 Page 1

Location: Flexsys PDA Date: 7-29-03

Borehole Dia.: 2" Surface Elevation:

Logger: DNJ Contractor: Enviroprobe

Elev.	Depth	Thickness	Description of Cutting Material	Comments
	0.0 0.5	0.5	Fill material, clay, silt, lst gravel (15%) dk gy/gy, moist, firm/soft.	
			TD 0.5'	

Drill Site Soil and Rock Description Report

Borehole No. SB F3 Project Solutia CA725 Page 1

Location: Fleysys PDA Date: 7-29-03

Borehole Dia.: 2" Surface Elevation:

Logger: DNJ Contractor: Enviroprobe

Elev.	Depth	Thickness	Description of Cutting Material	Comments
	0.5' 3.0	2.5'	Fill material (clay, silt, sand, brick frag.) w/ Lst gravel, gry, bn, bk, rd, varigated, moist	
	3.0 3.8	0.8'	CL-ML (clay w/silt, bn, moist, soft/firm, med. plastic.	
	3.8 4.4	0.6	CL-ML (clay lean w/ silt 20%) gry/dk gy, v. moist, soft, med plastic, mic.	2.5' recovery in 4' tube
			TD 4.4	

APPENDIX D

PDA VOC DATA
SOIL SAMPLES

Sample ID Test Type Sample Date Analytical Method			SB-A3 (0-0.5) Initial 7/31/2003 SW8260	SB-A3 (0-0.5) Reanalysis 7/31/2003 SW8260	SB-A3 (0.5-6.0) Initial 7/31/2003 SW8260	SB-A3 (0.5-6.0) Reanalysis 7/31/2003 SW8260	SB-B2 (0-0.5) Initial 7/31/2003 SW8260	SB-B2 (0.5-6.0) Initial 7/31/2003 SW8260
Chemical Name	**CAS No**	**Unit**						
1,1,1-Trichloroethane	71-55-6	ug/kg	4.9 U (0.54)	210 U (110)	4.3 U (0.54)	170 U (110)	5.7 U (0.54)	4.4 U (0.54)
1,1,2,2-TETRACHLOROETHANE	79-34-5	ug/kg	4.9 U (0.57)	210 U (79)	4.3 U (0.57)	170 U (79)	5.7 U (0.57)	4.4 U (0.57)
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/kg	4.9 U (0.46)	210 U (100)	4.3 U (0.46)	170 U (100)	5.7 U (0.46)	4.4 U (0.46)
1,1,2-TRICHLOROETHANE	79-00-5	ug/kg	4.9 U (0.97)	210 U (41)	4.3 U (0.97)	170 U (41)	5.7 U (0.97)	4.4 U (0.97)
1,1-DICHLOROETHANE	75-34-3	ug/kg	4.9 U (0.8)	210 U (35)	4.3 U (0.8)	170 U (35)	5.7 U (0.8)	4.4 U (0.8)
1,1-DICHLOROETHYLENE	75-35-4	ug/kg	4.9 U (0.58)	210 U (82)	1.6 J (0.58)	170 U (82)	5.7 U (0.58)	4.4 U (0.58)
1,2,3-TRICHLOROBENZENE	87-61-6	ug/kg	4.9 U (3.4)	210 U (100)	4.3 U (3.4)	170 U (100)	5.7 U (3.4)	4.4 U (3.4)
1,2,4-TRICHLOROBENZENE	120-82-1	ug/kg	4.9 U (0.44)	210 U (100)	4.3 U (0.44)	170 U (100)	5.7 U (0.44)	4.4 U (0.44)
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	96-12-8	ug/kg	9.8 U (0.86)	430 U (95)	8.5 U (0.86)	340 U (95)	11 U (0.86)	8.8 U (0.86)
1,2-Dibromoethane (EDB)	106-93-4	ug/kg	4.9 U (0.57)	210 U (84)	4.3 U (0.57)	170 U (84)	5.7 U (0.57)	4.4 U (0.57)
1,2-DICHLOROBENZENE	95-50-1	ug/kg	4.9 U (1.1)	210 U (46)	4.3 U (1.1)	170 U (46)	5.7 U (1.1)	4.4 U (1.1)
1,2-DICHLOROETHANE	107-06-2	ug/kg	4.9 U (0.66)	210 U (100)	4.3 U (0.66)	170 U (100)	5.7 U (0.66)	4.4 U (0.66)
1,2-Dichloropropane	78-87-5	ug/kg	4.9 U (0.65)	210 U (96)	4.3 U (0.65)	170 U (96)	5.7 U (0.65)	4.4 U (0.65)
1,4-DICHLOROBENZENE	106-46-7	ug/kg	4.9 U (0.54)	210 U (60)	4.3 U (0.54)	170 U (60)	5.7 U (0.54)	4.4 U (0.54)
2-Butanone (MEK)	78-93-3	ug/kg	58 (0.28)	1100 U (170)	15 J (0.28)	840 U (170)	58 (0.28)	30 (0.28)
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/kg	24 U (0.38)	1100 U (140)	21 U (0.38)	840 U (140)	29 U (0.38)	22 U (0.38)
ACETONE	67-64-1	ug/kg	1000 E (5)	2100 U (510)	58 (5)	1700 U (510)	590 (5)	300 (5)
BENZENE	71-43-2	ug/kg	1.2 J (0.38)	210 U (46)	2.5 J (0.38)	170 U (46)	33 (0.38)	1.1 J (0.38)
BROMODICHLOROMETHANE	75-27-4	ug/kg	4.9 U (0.31)	210 U (86)	4.3 U (0.31)	170 U (86)	5.7 U (0.31)	4.4 U (0.31)
BROMOMETHANE	74-83-9	ug/kg	4.9 U (0.57)	210 U (100)	4.3 U (0.57)	170 U (100)	5.7 U (0.57)	4.4 U (0.57)
CARBON DISULFIDE	75-15-0	ug/kg	5.5 (0.4)	210 U (78)	4.3 U (0.4)	170 U (78)	7.8 (0.4)	4.4 U (0.4)
CARBON TETRACHLORIDE	56-23-5	ug/kg	4.9 U (0.35)	210 U (120)	4.3 U (0.35)	170 U (120)	5.7 U (0.35)	4.4 U (0.35)
CHLOROBENZENE	108-90-7	ug/kg	4.9 U (0.74)	210 U (62)	4.3 U (0.74)	170 U (62)	5.7 U (0.74)	4.4 U (0.74)
CHLOROBROMOMETHANE	74-97-5	ug/kg	4.9 U (0.51)	430 U (98)	4.3 U (0.51)	340 U (98)	5.7 U (0.51)	4.4 U (0.51)
CHLORODIBROMOMETHANE	124-48-1	ug/kg	4.9 U (0.39)	210 U (66)	4.3 U (0.39)	170 U (66)	5.7 U (0.39)	4.4 U (0.39)
CHLOROETHANE	75-00-3	ug/kg	4.9 U (0.57)	210 U (100)	4.3 U (0.57)	170 U (100)	5.7 U (0.57)	4.4 U (0.57)
CHLOROFORM	67-66-3	ug/kg	4.9 U (0.44)	210 U (39)	4.3 U (0.44)	170 U (39)	5.7 U (0.44)	4.4 U (0.44)
CHLOROMETHANE	74-87-3	ug/kg	9.8 U (1.4)	430 U (100)	8.5 U (1.4)	340 U (100)	11 U (1.4)	8.8 U (1.4)

B Analyte detected in the associated method blank.
D Diluted sample.
E Concentration exceeded the upper calibration limit.
J Estimated value greater than the mdl, but less than the reporting limit.
U Not detected.

PDA VOC DATA
SOIL SAMPLES

Sample ID Test Type Sample Date Analytical Method			SB-A3 (0-0.5) Initial 7/31/2003 SW8260	SB-A3 (0-0.5) Reanalysis 7/31/2003 SW8260	SB-A3 (0.5-6.0) Initial 7/31/2003 SW8260	SB-A3 (0.5-6.0) Reanalysis 7/31/2003 SW8260	SB-B2 (0-0.5) Initial 7/31/2003 SW8260	SB-B2 (0.5-6.0) Initial 7/31/2003 SW8260
Chemical Name	**CAS No**	**Unit**						
cis-1,2-Dichloroethene	156-59-2	ug/kg	5.3 (0.39)	210 U (58)	840 E (0.39)	2000 D (58)	1.8 J (0.39)	4.4 U (0.39)
cis-1,3-Dichloropropene	10061-01-5	ug/kg	4.9 U (0.7)	210 U (100)	4.3 U (0.7)	170 U (100)	5.7 U (0.7)	4.4 U (0.7)
CYCLOHEXANE	110-82-7	ug/kg	1.8 J (0.8)	430 U (200)	8.5 U (0.8)	340 U (200)	3 J (0.8)	1.8 J (0.8)
Dichlorodifluoromethane	75-71-8	ug/kg	4.9 U (2.2)	210 U (60)	4.3 U (2.2)	170 U (60)	5.7 U (2.2)	4.4 U (2.2)
DICHLOROMETHANE	75-09-2	ug/kg	4.9 U (0.54)	210 U (51)	4.3 U (0.54)	170 U (51)	5.7 U (0.54)	4.4 U (0.54)
ETHYLBENZENE	100-41-4	ug/kg	7.9 (0.3)	210 U (50)	4.3 U (0.3)	170 U (50)	2.5 J (0.3)	4.4 U (0.3)
Isopropylbenzene	98-82-8	ug/kg	4.9 U (3.8)	210 U (55)	4.3 U (3.8)	170 U (55)	5.7 U (3.8)	4.4 U (3.8)
M-DICHLOROBENZENE	541-73-1	ug/kg	4.9 U (0.39)	210 U (51)	4.3 U (0.39)	170 U (51)	5.7 U (0.39)	4.4 U (0.39)
METHYL ACETATE	79-20-9	ug/kg	9.8 U (1.6)	430 U (200)	8.5 U (1.6)	340 U (200)	11 U (1.6)	170 (1.6)
METHYL N-BUTYL KETONE	591-78-6	ug/kg	24 U (0.43)	1100 U (500)	21 U (0.43)	840 U (500)	29 U (0.43)	22 U (0.43)
Methyl t-butyl ether (MTBE)	1634-04-4	ug/kg	49 U (0.47)	2100 U (96)	43 U (0.47)	1700 U (96)	57 U (0.47)	44 U (0.47)
METHYLCYLOHEXANE	108-87-2	ug/kg	3.8 J (0.48)	31 DJ (200)	8.5 U (0.48)	340 U (200)	4.3 J (0.48)	2.4 J (0.48)
STYRENE (MONOMER)	100-42-5	ug/kg	4.9 U (0.53)	210 U (130)	4.3 U (0.53)	170 U (130)	5.7 U (0.53)	4.4 U (0.53)
Tetrachloroethene	127-18-4	ug/kg	4.9 U (0.98)	210 U (89)	4.3 U (0.98)	170 U (89)	5.7 U (0.98)	4.4 U (0.98)
TOLUENE (METHYL BENZENE)	108-88-3	ug/kg	1.9 J (0.65)	210 U (63)	2.1 J (0.65)	170 U (63)	8.3 (0.65)	1.3 J (0.65)
trans-1,2-Dichloroethene	156-60-5	ug/kg	4.9 U (0.8)	210 U (52)	14 (0.8)	170 U (52)	5.7 U (0.8)	4.4 U (0.8)
trans-1,3-Dichloropropene	10061-02-6	ug/kg	4.9 U (1)	210 U (59)	4.3 U (1)	170 U (59)	5.7 U (1)	4.4 U (1)
TRIBOMOMETHANE	75-25-2	ug/kg	4.9 U (0.68)	210 U (45)	4.3 U (0.68)	170 U (45)	5.7 U (0.68)	4.4 U (0.68)
TRICHLOROETHYLENE	79-01-6	ug/kg	32 (0.77)	210 U (100)	1000 E (0.77)	4800 D (100)	3.9 J (0.77)	31 (0.77)
Trichlorofluoromethane	75-69-4	ug/kg	4.9 U (2)	210 U (54)	4.3 U (2)	170 U (54)	5.7 U (2)	4.4 U (2)
Vinyl chloride	75-01-4	ug/kg	4.9 U (1.5)	210 U (100)	30 (1.5)	170 U (100)	5.7 U (1.5)	4.4 U (1.5)
Xylenes, Total	1330-20-7	ug/kg	56 (0.97)	210 DJ (140)	8.5 U (0.97)	340 U (140)	3.4 J (0.97)	8.8 U (0.97)

B Analyte detected in the associated method blank.
D Diluted sample.
E Concentration exceeded the upper calibration limit.
J Estimated value greater than the mdl, but less than the reporting limit.
U Not detected.

PDA VOC DATA
SOIL SAMPLES

Sample ID Test Type Sample Date Analytical Method			SB-B2A (0-0.5) Initial 7/31/2003 SW8260	SB-B2A (0.5-6.0) Initial 7/31/2003 SW8260	SB-B3 (0-0.5) Initial 7/31/2003 SW8260	SB-B3 (0.5-6.0) Initial 7/31/2003 SW8260	SB-B3 (0.5-6.0) Reanalysis 7/31/2003 SW8260	SB-C2 (0-0.5) Initial 7/31/2003 SW8260
Chemical Name	**CAS No**	**Unit**						
1,1,1-Trichloroethane	71-55-6	ug/kg	5.5 U (0.54)	4.9 U (0.54)	7.9 U (0.54)	9.4 U (0.54)	8.3 U (0.54)	8.2 U (0.54)
1,1,2,2-TETRACHLOROETHANE	79-34-5	ug/kg	5.5 U (0.57)	4.9 U (0.57)	7.9 U (0.57)	9.4 U (0.57)	8.3 U (0.57)	8.2 U (0.57)
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/kg	5.5 U (0.46)	4.9 U (0.46)	7.9 U (0.46)	9.4 U (0.46)	8.3 U (0.46)	8.2 U (0.46)
1,1,2-TRICHLOROETHANE	79-00-5	ug/kg	5.5 U (0.97)	4.9 U (0.97)	7.9 U (0.97)	9.4 U (0.97)	8.3 U (0.97)	8.2 U (0.97)
1,1-DICHLOROETHANE	75-34-3	ug/kg	5.5 U (0.8)	4.9 U (0.8)	7.9 U (0.8)	9.4 U (0.8)	8.3 U (0.8)	8.2 U (0.8)
1,1-DICHLOROETHYLENE	75-35-4	ug/kg	5.5 U (0.58)	4.9 U (0.58)	7.9 U (0.58)	9.4 U (0.58)	8.3 U (0.58)	8.2 U (0.58)
1,2,3-TRICHLOROBENZENE	87-61-6	ug/kg	5.5 U (3.4)	4.9 U (3.4)	7.9 U (3.4)	9.4 U (3.4)	8.3 U (3.4)	8.2 U (3.4)
1,2,4-TRICHLOROBENZENE	120-82-1	ug/kg	5.5 U (0.44)	4.9 U (0.44)	7.9 U (0.44)	9.4 U (0.44)	8.3 U (0.44)	8.2 U (0.44)
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	96-12-8	ug/kg	11 U (0.86)	9.7 U (0.86)	16 U (0.86)	19 U (0.86)	16 U (0.86)	46 (0.86)
1,2-Dibromoethane (EDB)	106-93-4	ug/kg	5.5 U (0.57)	4.9 U (0.57)	7.9 U (0.57)	9.4 U (0.57)	8.3 U (0.57)	8.2 U (0.57)
1,2-DICHLOROBENZENE	95-50-1	ug/kg	5.5 U (1.1)	4.9 U (1.1)	7.9 U (1.1)	9.4 U (1.1)	8.3 U (1.1)	8.2 U (1.1)
1,2-DICHLOROETHANE	107-06-2	ug/kg	5.5 U (0.66)	4.9 U (0.66)	7.9 U (0.66)	9.4 U (0.66)	8.3 U (0.66)	8.2 U (0.66)
1,2-Dichloropropane	78-87-5	ug/kg	5.5 U (0.65)	4.9 U (0.65)	7.9 U (0.65)	9.4 U (0.65)	8.3 U (0.65)	8.2 U (0.65)
1,4-DICHLOROBENZENE	106-46-7	ug/kg	5.5 U (0.54)	4.9 U (0.54)	7.9 U (0.54)	9.4 U (0.54)	8.3 U (0.54)	8.2 U (0.54)
2-Butanone (MEK)	78-93-3	ug/kg	72 (0.28)	26 (0.28)	97 (0.28)	590 (0.28)	48 B (0.28)	80 (0.28)
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/kg	28 U (0.38)	24 U (0.38)	39 U (0.38)	47 U (0.38)	41 U (0.38)	41 U (0.38)
ACETONE	67-64-1	ug/kg	590 (5)	160 (5)	130 (5)	2600 E (5)	230 B (5)	310 (5)
BENZENE	71-43-2	ug/kg	62 (0.38)	0.6 J (0.38)	3 J (0.38)	190 (0.38)	9 (0.38)	7.4 J (0.38)
BROMODICHLOROMETHANE	75-27-4	ug/kg	5.5 U (0.31)	4.9 U (0.31)	7.9 U (0.31)	9.4 U (0.31)	8.3 U (0.31)	8.2 U (0.31)
BROMOMETHANE	74-83-9	ug/kg	5.5 U (0.57)	4.9 U (0.57)	7.9 U (0.57)	9.4 U (0.57)	8.3 U (0.57)	8.2 U (0.57)
CARBON DISULFIDE	75-15-0	ug/kg	6 (0.4)	4.9 U (0.4)	4.7 J (0.4)	270 (0.4)	8.7 (0.4)	39 (0.4)
CARBON TETRACHLORIDE	56-23-5	ug/kg	5.5 U (0.35)	4.9 U (0.35)	7.9 U (0.35)	9.4 U (0.35)	8.3 U (0.35)	8.2 U (0.35)
CHLOROBENZENE	108-90-7	ug/kg	5.5 U (0.74)	4.9 U (0.74)	7.9 U (0.74)	9.4 U (0.74)	8.3 U (0.74)	8.2 U (0.74)
CHLOROBROMOMETHANE	74-97-5	ug/kg	5.5 U (0.51)	4.9 U (0.51)	7.9 U (0.51)	9.4 U (0.51)	8.3 U (0.51)	8.2 U (0.51)
CHLORODIBROMOMETHANE	124-48-1	ug/kg	5.5 U (0.39)	4.9 U (0.39)	7.9 U (0.39)	9.4 U (0.39)	8.3 U (0.39)	8.2 U (0.39)
CHLOROETHANE	75-00-3	ug/kg	5.5 U (0.57)	4.9 U (0.57)	7.9 U (0.57)	17 (0.57)	8.3 U (0.57)	8.2 U (0.57)
CHLOROFORM	67-66-3	ug/kg	5.5 U (0.44)	4.9 U (0.44)	7.9 U (0.44)	9.4 U (0.44)	8.3 U (0.44)	8.2 U (0.44)
CHLOROMETHANE	74-87-3	ug/kg	11 U (1.4)	9.7 U (1.4)	16 U (1.4)	19 U (1.4)	16 U (1.4)	16 U (1.4)

B Analyte detected in the associated method blank.
D Diluted sample.
E Concentration exceeded the upper calibration limit.
J Estimated value greater than the mdl, but less than the reporting limit.
U Not detected.

PDA VOC DATA
SOIL SAMPLES

Sample ID Test Type Sample Date Analytical Method			SB-B2A (0-0.5) Initial 7/31/2003 SW8260	SB-B2A (0.5-6.0) Initial 7/31/2003 SW8260	SB-B3 (0-0.5) Initial 7/31/2003 SW8260	SB-B3 (0.5-6.0) Initial 7/31/2003 SW8260	SB-B3 (0.5-6.0) Reanalysis 7/31/2003 SW8260	SB-C2 (0-0.5) Initial 7/31/2003 SW8260
Chemical Name	**CAS No**	**Unit**						
cis-1,2-Dichloroethene	156-59-2	ug/kg	5.5 U (0.39)	4.9 U (0.39)	7.9 U (0.39)	9.4 U (0.39)	8.3 U (0.39)	8.2 U (0.39)
cis-1,3-Dichloropropene	10061-01-5	ug/kg	5.5 U (0.7)	4.9 U (0.7)	7.9 U (0.7)	9.4 U (0.7)	8.3 U (0.7)	8.2 U (0.7)
CYCLOHEXANE	110-82-7	ug/kg	2.7 J (0.8)	9.7 U (0.8)	16 U (0.8)	19 U (0.8)	0.69 J (0.8)	16 U (0.8)
Dichlorodifluoromethane	75-71-8	ug/kg	5.5 U (2.2)	4.9 U (2.2)	7.9 U (2.2)	9.4 U (2.2)	8.3 U (2.2)	8.2 U (2.2)
DICHLOROMETHANE	75-09-2	ug/kg	5.5 U (0.54)	0.61 J (0.54)	7.9 U (0.54)	9.4 U (0.54)	1.3 JB (0.54)	8.2 U (0.54)
ETHYLBENZENE	100-41-4	ug/kg	2.9 J (0.3)	4.9 U (0.3)	0.65 J (0.3)	9.4 U (0.3)	5.3 JB (0.3)	8.2 U (0.3)
Isopropylbenzene	98-82-8	ug/kg	5.5 U (3.8)	4.9 U (3.8)	7.9 U (3.8)	9.4 U (3.8)	8.3 U (3.8)	8.2 U (3.8)
M-DICHLOROBENZENE	541-73-1	ug/kg	5.5 U (0.39)	4.9 U (0.39)	7.9 U (0.39)	9.4 U (0.39)	8.3 U (0.39)	8.2 U (0.39)
METHYL ACETATE	79-20-9	ug/kg	11 U (1.6)	27 (1.6)	16 U (1.6)	19 U (1.6)	16 U (1.6)	16 U (1.6)
METHYL N-BUTYL KETONE	591-78-6	ug/kg	28 U (0.43)	24 U (0.43)	39 U (0.43)	47 U (0.43)	41 U (0.43)	20 J (0.43)
Methyl t-butyl ether (MTBE)	1634-04-4	ug/kg	55 U (0.47)	49 U (0.47)	79 U (0.47)	94 U (0.47)	83 U (0.47)	82 U (0.47)
METHYLCYLOHEXANE	108-87-2	ug/kg	3.4 J (0.48)	0.36 J (0.48)	16 U (0.48)	10 J (0.48)	16 U (0.48)	16 U (0.48)
STYRENE (MONOMER)	100-42-5	ug/kg	5.5 U (0.53)	4.9 U (0.53)	7.9 U (0.53)	9.4 U (0.53)	3.9 J (0.53)	8.2 U (0.53)
Tetrachloroethene	127-18-4	ug/kg	5.5 U (0.98)	4.9 U (0.98)	7.9 U (0.98)	9.4 U (0.98)	7.5 J (0.98)	8.2 U (0.98)
TOLUENE (METHYL BENZENE)	108-88-3	ug/kg	12 (0.65)	4.9 U (0.65)	2.2 J (0.65)	35 (0.65)	4.9 JB (0.65)	8.2 U (0.65)
trans-1,2-Dichloroethene	156-60-5	ug/kg	5.5 U (0.8)	4.9 U (0.8)	7.9 U (0.8)	9.4 U (0.8)	8.3 U (0.8)	8.2 U (0.8)
trans-1,3-Dichloropropene	10061-02-6	ug/kg	5.5 U (1)	4.9 U (1)	7.9 U (1)	9.4 U (1)	8.3 U (1)	8.2 U (1)
TRIBOMOMETHANE	75-25-2	ug/kg	5.5 U (0.68)	4.9 U (0.68)	7.9 U (0.68)	9.4 U (0.68)	8.3 U (0.68)	8.2 U (0.68)
TRICHLOROETHYLENE	79-01-6	ug/kg	1.8 J (0.77)	12 (0.77)	7.9 U (0.77)	6.8 J (0.77)	4.6 J (0.77)	1.8 J (0.77)
Trichlorofluoromethane	75-69-4	ug/kg	5.5 U (2)	4.9 U (2)	7.9 U (2)	9.4 U (2)	8.3 U (2)	8.2 U (2)
Vinyl chloride	75-01-4	ug/kg	5.5 U (1.5)	4.9 U (1.5)	7.9 U (1.5)	9.4 U (1.5)	8.3 U (1.5)	8.2 U (1.5)
Xylenes, Total	1330-20-7	ug/kg	4.7 J (0.97)	9.7 U (0.97)	16 U (0.97)	19 U (0.97)	14 J (0.97)	1.1 J (0.97)

B Analyte detected in the associated method blank.
D Diluted sample.
E Concentration exceeded the upper calibration limit.
J Estimated value greater than the mdl, but less than the reporting limit.
U Not detected.

PDA VOC DATA
SOIL SAMPLES

Sample ID			SB-C2 (0.5-6.0)	SB-C3 (0-0.5)	SB-C3 (0-0.5)	SB-C3 (0.5-6.0)	SB-C5 (0-0.5)	SB-C5 (0.5-6.0)
Test Type			Initial	Initial	Reanalysis	Initial	Initial	Initial
Sample Date			7/31/2003	7/30/2003	7/30/2003	7/30/2003	7/30/2003	7/30/2003
Analytical Method			SW8260	SW8260	SW8260	SW8260	SW8260	SW8260
Chemical Name	**CAS No**	**Unit**						
1,1,1-Trichloroethane	71-55-6	ug/kg	7.5 U (0.54)	5 U (0.54)	5.8 U (0.54)	190 U (110)	5.6 U (0.54)	5.6 U (0.54)
1,1,2,2-TETRACHLOROETHANE	79-34-5	ug/kg	7.5 U (0.57)	5 U (0.57)	5.8 U (0.57)	190 U (79)	5.6 U (0.57)	5.6 U (0.57)
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/kg	7.5 U (0.46)	5 U (0.46)	5.8 U (0.46)	190 U (100)	5.6 U (0.46)	5.6 U (0.46)
1,1,2-TRICHLOROETHANE	79-00-5	ug/kg	7.5 U (0.97)	5 U (0.97)	5.8 U (0.97)	190 U (41)	5.6 U (0.97)	5.6 U (0.97)
1,1-DICHLOROETHANE	75-34-3	ug/kg	7.5 U (0.8)	5 U (0.8)	5.8 U (0.8)	190 U (35)	5.6 U (0.8)	5.6 U (0.8)
1,1-DICHLOROETHYLENE	75-35-4	ug/kg	7.5 U (0.58)	5 U (0.58)	5.8 U (0.58)	190 U (82)	5.6 U (0.58)	5.6 U (0.58)
1,2,3-TRICHLOROBENZENE	87-61-6	ug/kg	7.5 U (3.4)	5 U (3.4)	5.8 U (3.4)	190 U (100)	5.6 U (3.4)	5.6 U (3.4)
1,2,4-TRICHLOROBENZENE	120-82-1	ug/kg	7.5 U (0.44)	5 U (0.44)	5.8 U (0.44)	14000 (94)	5.6 U (0.44)	5.6 U (0.44)
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	96-12-8	ug/kg	15 U (0.86)	10 U (0.86)	12 U (0.86)	370 U (95)	11 U (0.86)	11 U (0.86)
1,2-Dibromoethane (EDB)	106-93-4	ug/kg	7.5 U (0.57)	5 U (0.57)	5.8 U (0.57)	190 U (84)	5.6 U (0.57)	5.6 U (0.57)
1,2-DICHLOROBENZENE	95-50-1	ug/kg	7.5 U (1.1)	5 U (1.1)	5.8 U (1.1)	92 J (46)	5.6 U (1.1)	5.6 U (1.1)
1,2-DICHLOROETHANE	107-06-2	ug/kg	7.5 U (0.66)	5 U (0.66)	5.8 U (0.66)	190 U (100)	18 (0.66)	54 (0.66)
1,2-Dichloropropane	78-87-5	ug/kg	7.5 U (0.65)	5 U (0.65)	5.8 U (0.65)	190 U (96)	5.6 U (0.65)	5.6 U (0.65)
1,4-DICHLOROBENZENE	106-46-7	ug/kg	7.5 U (0.54)	5 U (0.54)	5.8 U (0.54)	420 (60)	5.6 U (0.54)	5.6 U (0.54)
2-Butanone (MEK)	78-93-3	ug/kg	47 (0.28)	12 J (0.28)	14 J (0.28)	930 U (170)	14 J (0.28)	21 J (0.28)
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/kg	38 U (0.38)	25 U (0.38)	29 U (0.38)	930 U (140)	28 U (0.38)	28 U (0.38)
ACETONE	67-64-1	ug/kg	190 (5)	180 (5)	200 (5)	2600 B (510)	150 (5)	150 (5)
BENZENE	71-43-2	ug/kg	1.7 J (0.38)	0.85 J (0.38)	1.8 J (0.38)	380 (46)	4.9 J (0.38)	42 (0.38)
BROMODICHLOROMETHANE	75-27-4	ug/kg	7.5 U (0.31)	5 U (0.31)	5.8 U (0.31)	190 U (86)	5.6 U (0.31)	5.6 U (0.31)
BROMOMETHANE	74-83-9	ug/kg	7.5 U (0.57)	5 U (0.57)	5.8 U (0.57)	190 U (100)	5.6 U (0.57)	5.6 U (0.57)
CARBON DISULFIDE	75-15-0	ug/kg	74 (0.4)	2.5 J (0.4)	5.6 J (0.4)	190 U (78)	3.4 J (0.4)	13 (0.4)
CARBON TETRACHLORIDE	56-23-5	ug/kg	7.5 U (0.35)	5 U (0.35)	5.8 U (0.35)	190 U (120)	5.6 U (0.35)	5.6 U (0.35)
CHLOROBENZENE	108-90-7	ug/kg	7.5 U (0.74)	5 U (0.74)	5.8 U (0.74)	100 J (62)	1.7 J (0.74)	0.85 J (0.74)
CHLOROBROMOMETHANE	74-97-5	ug/kg	7.5 U (0.51)	5 U (0.51)	5.8 U (0.51)	370 U (98)	5.6 U (0.51)	5.6 U (0.51)
CHLORODIBROMOMETHANE	124-48-1	ug/kg	7.5 U (0.39)	5 U (0.39)	5.8 U (0.39)	190 U (66)	5.6 U (0.39)	5.6 U (0.39)
CHLOROETHANE	75-00-3	ug/kg	7.5 U (0.57)	5 U (0.57)	5.8 U (0.57)	190 U (100)	5.6 U (0.57)	5.6 U (0.57)
CHLOROFORM	67-66-3	ug/kg	7.5 U (0.44)	5 U (0.44)	5.8 U (0.44)	94 J (39)	5.6 U (0.44)	5.6 U (0.44)
CHLOROMETHANE	74-87-3	ug/kg	15 U (1.4)	10 U (1.4)	12 U (1.4)	370 U (100)	11 U (1.4)	11 U (1.4)

B Analyte detected in the associated method blank.
D Diluted sample.
E Concentration exceeded the upper calibration limit.
J Estimated value greater than the mdl, but less than the reporting limit.
U Not detected.

PDA VOC DATA
SOIL SAMPLES

Sample ID Test Type Sample Date Analytical Method			SB-C2 (0.5-6.0) Initial 7/31/2003 SW8260	SB-C3 (0-0.5) Initial 7/30/2003 SW8260	SB-C3 (0-0.5) Reanalysis 7/30/2003 SW8260	SB-C3 (0.5-6.0) Initial 7/30/2003 SW8260	SB-C5 (0-0.5) Initial 7/30/2003 SW8260	SB-C5 (0.5-6.0) Initial 7/30/2003 SW8260
Chemical Name	**CAS No**	**Unit**						
cis-1,2-Dichloroethene	156-59-2	ug/kg	7.5 U (0.39)	0.87 J (0.39)	2.7 J (0.39)	190 U (58)	0.47 J (0.39)	2.1 J (0.39)
cis-1,3-Dichloropropene	10061-01-5	ug/kg	7.5 U (0.7)	5 U (0.7)	5.8 U (0.7)	190 U (100)	5.6 U (0.7)	5.6 U (0.7)
CYCLOHEXANE	110-82-7	ug/kg	15 U (0.8)	2.8 J (0.8)	4.3 J (0.8)	370 U (200)	3.2 J (0.8)	1.2 J (0.8)
Dichlorodifluoromethane	75-71-8	ug/kg	7.5 U (2.2)	5 U (2.2)	5.8 U (2.2)	190 U (60)	5.6 U (2.2)	5.6 U (2.2)
DICHLOROMETHANE	75-09-2	ug/kg	1.1 J (0.54)	0.98 JB (0.54)	5.8 U (0.54)	190 U (51)	1.1 JB (0.54)	0.93 JB (0.54)
ETHYLBENZENE	100-41-4	ug/kg	7.5 U (0.3)	0.72 JB (0.3)	1.8 J (0.3)	9200 (50)	1.7 JB (0.3)	0.94 JB (0.3)
Isopropylbenzene	98-82-8	ug/kg	7.5 U (3.8)	5 U (3.8)	5.8 U (3.8)	530 (55)	5.6 U (3.8)	5.6 U (3.8)
M-DICHLOROBENZENE	541-73-1	ug/kg	7.5 U (0.39)	5 U (0.39)	5.8 U (0.39)	190 U (51)	5.6 U (0.39)	5.6 U (0.39)
METHYL ACETATE	79-20-9	ug/kg	15 U (1.6)	10 U (1.6)	12 U (1.6)	510 (200)	11 U (1.6)	8.4 J (1.6)
METHYL N-BUTYL KETONE	591-78-6	ug/kg	38 U (0.43)	25 U (0.43)	29 U (0.43)	930 U (500)	28 U (0.43)	28 U (0.43)
Methyl t-butyl ether (MTBE)	1634-04-4	ug/kg	75 U (0.47)	50 U (0.47)	58 U (0.47)	1900 U (96)	56 U (0.47)	56 U (0.47)
METHYLCYLOHEXANE	108-87-2	ug/kg	15 U (0.48)	3.4 J (0.48)	5.7 J (0.48)	370 U (200)	3.3 J (0.48)	2.2 J (0.48)
STYRENE (MONOMER)	100-42-5	ug/kg	7.5 U (0.53)	5 U (0.53)	5.8 U (0.53)	190 U (130)	5.6 U (0.53)	5.6 U (0.53)
Tetrachloroethene	127-18-4	ug/kg	7.5 U (0.98)	5 U (0.98)	5.8 U (0.98)	280 (89)	5.6 U (0.98)	5.6 U (0.98)
TOLUENE (METHYL BENZENE)	108-88-3	ug/kg	7.5 U (0.65)	1.4 JB (0.65)	4.1 JB (0.65)	830 (63)	5 JB (0.65)	52 B (0.65)
trans-1,2-Dichloroethene	156-60-5	ug/kg	7.5 U (0.8)	5 U (0.8)	5.8 U (0.8)	190 U (52)	5.6 U (0.8)	5.6 U (0.8)
trans-1,3-Dichloropropene	10061-02-6	ug/kg	7.5 U (1)	5 U (1)	5.8 U (1)	190 U (59)	5.6 U (1)	5.6 U (1)
TRIBOMOMETHANE	75-25-2	ug/kg	7.5 U (0.68)	5 U (0.68)	5.8 U (0.68)	190 U (45)	5.6 U (0.68)	5.6 U (0.68)
TRICHLOROETHYLENE	79-01-6	ug/kg	2.3 J (0.77)	10 (0.77)	21 (0.77)	2700 (100)	9.6 (0.77)	1.6 J (0.77)
Trichlorofluoromethane	75-69-4	ug/kg	7.5 U (2)	5 U (2)	5.8 U (2)	190 U (54)	5.6 U (2)	5.6 U (2)
Vinyl chloride	75-01-4	ug/kg	7.5 U (1.5)	5 U (1.5)	5.8 U (1.5)	190 U (100)	5.6 U (1.5)	5.6 U (1.5)
Xylenes, Total	1330-20-7	ug/kg	1.3 J (0.97)	0.84 J (0.97)	7 J (0.97)	35000 (140)	5.3 J (0.97)	1 J (0.97)

B Analyte detected in the associated method blank.
D Diluted sample.
E Concentration exceeded the upper calibration limit.
J Estimated value greater than the mdl, but less than the reporting limit.
U Not detected.

PDA VOC DATA
SOIL SAMPLES

Sample ID Test Type Sample Date Analytical Method			SB-D1 (0-0.5) Initial 7/30/2003 SW8260	SB-D1 (0-0.5) Reanalysis 7/30/2003 SW8260	SB-D1 (0.5-6.0) Initial 7/30/2003 SW8260	SB-D2 (0-0.5) Initial 7/30/2003 SW8260	SB-D2 (0-0.5) Reanalysis 7/30/2003 SW8260	SB-D2 (0.5-6.0) Initial 7/30/2003 SW8260
Chemical Name	**CAS No**	**Unit**						
1,1,1-Trichloroethane	71-55-6	ug/kg	5.2 U (0.54)	5.8 U (0.54)	4.3 U (0.54)	6.2 U (0.54)	5.9 U (0.54)	220 U (110)
1,1,2,2-TETRACHLOROETHANE	79-34-5	ug/kg	5.2 U (0.57)	5.8 U (0.57)	4.3 U (0.57)	6.2 U (0.57)	7.8 B (0.57)	220 U (79)
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/kg	5.2 U (0.46)	5.8 U (0.46)	4.3 U (0.46)	6.2 U (0.46)	5.9 U (0.46)	220 U (100)
1,1,2-TRICHLOROETHANE	79-00-5	ug/kg	5.2 U (0.97)	5.8 U (0.97)	4.3 U (0.97)	6.2 U (0.97)	5.9 U (0.97)	220 U (41)
1,1-DICHLOROETHANE	75-34-3	ug/kg	5.2 U (0.8)	5.8 U (0.8)	4.3 U (0.8)	6.2 U (0.8)	5.9 U (0.8)	220 U (35)
1,1-DICHLOROETHYLENE	75-35-4	ug/kg	5.2 U (0.58)	5.8 U (0.58)	4.3 U (0.58)	6.2 U (0.58)	5.9 U (0.58)	220 U (82)
1,2,3-TRICHLOROBENZENE	87-61-6	ug/kg	5.2 U (3.4)	5.8 U (3.4)	4.3 U (3.4)	6.2 U (3.4)	5.9 U (3.4)	220 U (100)
1,2,4-TRICHLOROBENZENE	120-82-1	ug/kg	5.2 U (0.44)	5.8 U (0.44)	4.3 U (0.44)	6.2 U (0.44)	1.9 J (0.44)	520 (94)
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	96-12-8	ug/kg	10 U (0.86)	12 U (0.86)	8.5 U (0.86)	12 U (0.86)	12 U (0.86)	440 U (95)
1,2-Dibromoethane (EDB)	106-93-4	ug/kg	5.2 U (0.57)	5.8 U (0.57)	4.3 U (0.57)	6.2 U (0.57)	5.9 U (0.57)	220 U (84)
1,2-DICHLOROBENZENE	95-50-1	ug/kg	5.2 U (1.1)	5.8 U (1.1)	4.3 U (1.1)	6.2 U (1.1)	5.9 U (1.1)	220 U (46)
1,2-DICHLOROETHANE	107-06-2	ug/kg	5.2 U (0.66)	5.8 U (0.66)	4.3 U (0.66)	6.2 U (0.66)	5.9 U (0.66)	220 U (100)
1,2-Dichloropropane	78-87-5	ug/kg	5.2 U (0.65)	5.8 U (0.65)	4.3 U (0.65)	6.2 U (0.65)	5.9 U (0.65)	220 U (96)
1,4-DICHLOROBENZENE	106-46-7	ug/kg	5.2 U (0.54)	5.8 U (0.54)	4.3 U (0.54)	6.2 U (0.54)	5.9 U (0.54)	220 U (60)
2-Butanone (MEK)	78-93-3	ug/kg	27 (0.28)	42 (0.28)	20 J (0.28)	61 (0.28)	35 B (0.28)	1100 U (170)
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/kg	26 U (0.38)	29 U (0.38)	21 U (0.38)	31 U (0.38)	30 U (0.38)	1100 U (140)
ACETONE	67-64-1	ug/kg	750 (5)	1000 (5)	240 (5)	320 (5)	240 B (5)	570 JB (510)
BENZENE	71-43-2	ug/kg	2.2 J (0.38)	2.1 J (0.38)	0.51 J (0.38)	4.5 J (0.38)	0.82 J (0.38)	73 J (46)
BROMODICHLOROMETHANE	75-27-4	ug/kg	5.2 U (0.31)	5.8 U (0.31)	4.3 U (0.31)	6.2 U (0.31)	5.9 U (0.31)	220 U (86)
BROMOMETHANE	74-83-9	ug/kg	5.2 U (0.57)	5.8 U (0.57)	4.3 U (0.57)	6.2 U (0.57)	5.9 U (0.57)	220 U (100)
CARBON DISULFIDE	75-15-0	ug/kg	11 (0.4)	8.6 (0.4)	4.3 U (0.4)	15 (0.4)	5.8 J (0.4)	220 U (78)
CARBON TETRACHLORIDE	56-23-5	ug/kg	5.2 U (0.35)	5.8 U (0.35)	4.3 U (0.35)	6.2 U (0.35)	5.9 U (0.35)	220 U (120)
CHLOROBENZENE	108-90-7	ug/kg	0.92 J (0.74)	5.8 U (0.74)	4.3 U (0.74)	1.2 J (0.74)	5.9 U (0.74)	220 U (62)
CHLOROBROMOMETHANE	74-97-5	ug/kg	5.2 U (0.51)	5.8 U (0.51)	4.3 U (0.51)	6.2 U (0.51)	5.9 U (0.51)	440 U (98)
CHLORODIBROMOMETHANE	124-48-1	ug/kg	5.2 U (0.39)	5.8 U (0.39)	4.3 U (0.39)	6.2 U (0.39)	5.9 U (0.39)	220 U (66)
CHLOROETHANE	75-00-3	ug/kg	5.2 U (0.57)	5.8 U (0.57)	4.3 U (0.57)	6.2 U (0.57)	5.9 U (0.57)	220 U (100)
CHLOROFORM	67-66-3	ug/kg	5.2 U (0.44)	5.8 U (0.44)	4.3 U (0.44)	6.2 U (0.44)	5.9 U (0.44)	220 U (39)
CHLOROMETHANE	74-87-3	ug/kg	10 U (1.4)	12 U (1.4)	8.5 U (1.4)	12 U (1.4)	12 U (1.4)	440 U (100)

B Analyte detected in the associated method blank.
D Diluted sample.
E Concentration exceeded the upper calibration limit.
J Estimated value greater than the mdl, but less than the reporting limit.
U Not detected.

PDA VOC DATA
SOIL SAMPLES

Sample ID Test Type Sample Date Analytical Method			SB-D1 (0-0.5) Initial 7/30/2003 SW8260	SB-D1 (0-0.5) Reanalysis 7/30/2003 SW8260	SB-D1 (0.5-6.0) Initial 7/30/2003 SW8260	SB-D2 (0-0.5) Initial 7/30/2003 SW8260	SB-D2 (0-0.5) Reanalysis 7/30/2003 SW8260	SB-D2 (0.5-6.0) Initial 7/30/2003 SW8260
Chemical Name	**CAS No**	**Unit**						
cis-1,2-Dichloroethene	156-59-2	ug/kg	5.2 U (0.39)	5.8 U (0.39)	2 J (0.39)	6.2 U (0.39)	5.9 U (0.39)	220 U (58)
cis-1,3-Dichloropropene	10061-01-5	ug/kg	5.2 U (0.7)	5.8 U (0.7)	4.3 U (0.7)	6.2 U (0.7)	5.9 U (0.7)	220 U (100)
CYCLOHEXANE	110-82-7	ug/kg	2.8 J (0.8)	4.4 J (0.8)	0.22 J (0.8)	4.8 J (0.8)	12 U (0.8)	440 U (200)
Dichlorodifluoromethane	75-71-8	ug/kg	5.2 U (2.2)	5.8 U (2.2)	4.3 U (2.2)	6.2 U (2.2)	5.9 U (2.2)	220 U (60)
DICHLOROMETHANE	75-09-2	ug/kg	1.2 JB (0.54)	1.2 J (0.54)	0.81 JB (0.54)	6.2 U (0.54)	0.93 BJ (0.54)	220 U (51)
ETHYLBENZENE	100-41-4	ug/kg	3.2 J (0.3)	2.3 J (0.3)	4.3 U (0.3)	5.2 J (0.3)	1.8 BJ (0.3)	3200 (50)
Isopropylbenzene	98-82-8	ug/kg	5.2 U (3.8)	5.8 U (3.8)	4.3 U (3.8)	6.2 U (3.8)	5.9 U (3.8)	920 (55)
M-DICHLOROBENZENE	541-73-1	ug/kg	5.2 U (0.39)	5.8 U (0.39)	4.3 U (0.39)	6.2 U (0.39)	5.9 U (0.39)	220 U (51)
METHYL ACETATE	79-20-9	ug/kg	10 U (1.6)	120 (1.6)	30 (1.6)	12 U (1.6)	12 U (1.6)	440 U (200)
METHYL N-BUTYL KETONE	591-78-6	ug/kg	26 U (0.43)	29 U (0.43)	21 U (0.43)	31 U (0.43)	30 U (0.43)	1100 U (500)
Methyl t-butyl ether (MTBE)	1634-04-4	ug/kg	52 U (0.47)	58 U (0.47)	43 U (0.47)	62 U (0.47)	59 U (0.47)	2200 U (96)
METHYLCYLOHEXANE	108-87-2	ug/kg	2.8 J (0.48)	5.7 J (0.48)	8.5 U (0.48)	5.5 J (0.48)	1.7 JB (0.48)	440 U (200)
STYRENE (MONOMER)	100-42-5	ug/kg	5.2 U (0.53)	5.8 U (0.53)	4.3 U (0.53)	6.2 U (0.53)	1.3 J (0.53)	220 U (130)
Tetrachloroethene	127-18-4	ug/kg	5.2 U (0.98)	5.8 U (0.98)	4.3 U (0.98)	6.2 U (0.98)	5.9 U (0.98)	99 J (89)
TOLUENE (METHYL BENZENE)	108-88-3	ug/kg	5.4 B (0.65)	4.4 J (0.65)	4.3 U (0.65)	110 B (0.65)	51 B (0.65)	2100 (63)
trans-1,2-Dichloroethene	156-60-5	ug/kg	5.2 U (0.8)	5.8 U (0.8)	4.3 U (0.8)	6.2 U (0.8)	5.9 U (0.8)	220 U (52)
trans-1,3-Dichloropropene	10061-02-6	ug/kg	5.2 U (1)	5.8 U (1)	4.3 U (1)	6.2 U (1)	5.9 U (1)	220 U (59)
TRIBOMOMETHANE	75-25-2	ug/kg	5.2 U (0.68)	5.8 U (0.68)	4.3 U (0.68)	6.2 U (0.68)	5.9 U (0.68)	220 U (45)
TRICHLOROETHYLENE	79-01-6	ug/kg	12 (0.77)	20 (0.77)	3.9 J (0.77)	1.2 J (0.77)	1.5 J (0.77)	20000 (100)
Trichlorofluoromethane	75-69-4	ug/kg	5.2 U (2)	5.8 U (2)	4.3 U (2)	6.2 U (2)	5.9 U (2)	220 U (54)
Vinyl chloride	75-01-4	ug/kg	5.2 U (1.5)	5.8 U (1.5)	4.3 U (1.5)	6.2 U (1.5)	5.9 U (1.5)	220 U (100)
Xylenes, Total	1330-20-7	ug/kg	12 (0.97)	2.7 J (0.97)	8.5 U (0.97)	27 (0.97)	6.5 J (0.97)	27000 (140)

B Analyte detected in the associated method blank.
D Diluted sample.
E Concentration exceeded the upper calibration limit.
J Estimated value greater than the mdl, but less than the reporting limit.
U Not detected.

PDA VOC DATA
SOIL SAMPLES

Sample ID			SB-D3 (0-0.5)	SB-D3 (0.5-6.0)	SB-D4 (0-0.5)	SB-D4 (0.5-6.0)	SB-D4 (0.5-6.0)
Test Type			Initial	Initial	Initial	Initial	Reanalysis
Sample Date			7/31/2003	7/31/2003	8/1/2003	8/1/2003	8/1/2003
Analytical Method			SW8260	SW8260	SW8260	SW8260	SW8260
Chemical Name	**CAS No**	**Unit**					
1,1,1-Trichloroethane	71-55-6	ug/kg	5.5 U (0.54)	6.1 U (0.54)	4.6 U (0.54)	4.7 U (0.54)	180 U (110)
1,1,2,2-TETRACHLOROETHANE	79-34-5	ug/kg	5.5 U (0.57)	6.1 U (0.57)	4.6 U (0.57)	4.7 U (0.57)	180 U (79)
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/kg	5.5 U (0.46)	6.1 U (0.46)	4.6 U (0.46)	4.7 U (0.46)	180 U (100)
1,1,2-TRICHLOROETHANE	79-00-5	ug/kg	5.5 U (0.97)	6.1 U (0.97)	4.6 U (0.97)	4.7 U (0.97)	180 U (41)
1,1-DICHLOROETHANE	75-34-3	ug/kg	5.5 U (0.8)	6.1 U (0.8)	4.6 U (0.8)	4.7 U (0.8)	180 U (35)
1,1-DICHLOROETHYLENE	75-35-4	ug/kg	5.5 U (0.58)	6.1 U (0.58)	1.2 J (0.58)	2.9 J (0.58)	180 U (82)
1,2,3-TRICHLOROBENZENE	87-61-6	ug/kg	5.5 U (3.4)	6.1 U (3.4)	4.6 U (3.4)	4.7 U (3.4)	40 DJ (100)
1,2,4-TRICHLOROBENZENE	120-82-1	ug/kg	5.5 U (0.44)	10 B (0.44)	4.6 U (0.44)	4.7 U (0.44)	81 DJ (94)
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	96-12-8	ug/kg	11 U (0.86)	12 U (0.86)	9.3 U (0.86)	9.4 U (0.86)	360 U (95)
1,2-Dibromoethane (EDB)	106-93-4	ug/kg	5.5 U (0.57)	6.1 U (0.57)	4.6 U (0.57)	4.7 U (0.57)	180 U (84)
1,2-DICHLOROBENZENE	95-50-1	ug/kg	5.5 U (1.1)	1.8 J (1.1)	4.6 U (1.1)	4.7 U (1.1)	42 DJ (46)
1,2-DICHLOROETHANE	107-06-2	ug/kg	5.5 U (0.66)	6.1 U (0.66)	4.6 U (0.66)	4.7 U (0.66)	180 U (100)
1,2-Dichloropropane	78-87-5	ug/kg	5.5 U (0.65)	6.1 U (0.65)	4.6 U (0.65)	4.7 U (0.65)	180 U (96)
1,4-DICHLOROBENZENE	106-46-7	ug/kg	5.5 U (0.54)	1.9 J (0.54)	4.6 U (0.54)	4.7 U (0.54)	55 DJ (60)
2-Butanone (MEK)	78-93-3	ug/kg	60 (0.28)	93 (0.28)	23 U (0.28)	23 U (0.28)	910 U (170)
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/kg	28 U (0.38)	340 (0.38)	2.4 J (0.38)	23 U (0.38)	910 U (140)
ACETONE	67-64-1	ug/kg	480 (5)	430 (5)	84 (5)	93 (5)	1800 U (510)
BENZENE	71-43-2	ug/kg	2.4 J (0.38)	9.9 (0.38)	16 (0.38)	320 E (0.38)	230 D (46)
BROMODICHLOROMETHANE	75-27-4	ug/kg	5.5 U (0.31)	6.1 U (0.31)	4.6 U (0.31)	4.7 U (0.31)	180 U (86)
BROMOMETHANE	74-83-9	ug/kg	5.5 U (0.57)	6.1 U (0.57)	4.6 U (0.57)	4.7 U (0.57)	180 U (100)
CARBON DISULFIDE	75-15-0	ug/kg	5.5 U (0.4)	40 (0.4)	3.3 J (0.4)	4.9 (0.4)	71 DJ (78)
CARBON TETRACHLORIDE	56-23-5	ug/kg	5.5 U (0.35)	6.1 U (0.35)	4.6 U (0.35)	4.7 U (0.35)	180 U (120)
CHLOROBENZENE	108-90-7	ug/kg	5.5 U (0.74)	6.1 U (0.74)	4.6 U (0.74)	2.6 J (0.74)	180 U (62)
CHLOROBROMOMETHANE	74-97-5	ug/kg	5.5 U (0.51)	6.1 U (0.51)	4.6 U (0.51)	4.7 U (0.51)	360 U (98)
CHLORODIBROMOMETHANE	124-48-1	ug/kg	5.5 U (0.39)	6.1 U (0.39)	4.6 U (0.39)	4.7 U (0.39)	180 U (66)
CHLOROETHANE	75-00-3	ug/kg	5.5 U (0.57)	6.1 U (0.57)	4.6 U (0.57)	4.7 U (0.57)	180 U (100)
CHLOROFORM	67-66-3	ug/kg	5.5 U (0.44)	6.1 U (0.44)	4.6 U (0.44)	4.7 U (0.44)	180 U (39)
CHLOROMETHANE	74-87-3	ug/kg	11 U (1.4)	12 U (1.4)	9.3 U (1.4)	9.4 U (1.4)	360 U (100)

B Analyte detected in the associated method blank.
D Diluted sample.
E Concentration exceeded the upper calibration limit.
J Estimated value greater than the mdl, but less than the reporting limit.
U Not detected.

PDA VOC DATA
SOIL SAMPLES

Sample ID Test Type Sample Date Analytical Method			SB-D3 (0-0.5) Initial 7/31/2003 SW8260	SB-D3 (0.5-6.0) Initial 7/31/2003 SW8260	SB-D4 (0-0.5) Initial 8/1/2003 SW8260	SB-D4 (0.5-6.0) Initial 8/1/2003 SW8260	SB-D4 (0.5-6.0) Reanalysis 8/1/2003 SW8260
Chemical Name	**CAS No**	**Unit**					
cis-1,2-Dichloroethene	156-59-2	ug/kg	5.5 U (0.39)	6.1 U (0.39)	45 (0.39)	160 (0.39)	480 D (58)
cis-1,3-Dichloropropene	10061-01-5	ug/kg	5.5 U (0.7)	6.1 U (0.7)	4.6 U (0.7)	4.7 U (0.7)	180 U (100)
CYCLOHEXANE	110-82-7	ug/kg	11 U (0.8)	6.5 J (0.8)	1.2 J (0.8)	23 (0.8)	360 U (200)
Dichlorodifluoromethane	75-71-8	ug/kg	5.5 U (2.2)	6.1 U (2.2)	4.6 U (2.2)	4.7 U (2.2)	180 U (60)
DICHLOROMETHANE	75-09-2	ug/kg	5.5 U (0.54)	6.1 U (0.54)	0.77 JB (0.54)	0.92 JB (0.54)	180 U (51)
ETHYLBENZENE	100-41-4	ug/kg	4.3 J (0.3)	36 (0.3)	7 (0.3)	24 (0.3)	67 DJ (50)
Isopropylbenzene	98-82-8	ug/kg	5.5 U (3.8)	6.1 U (3.8)	4.1 J (3.8)	4.7 U (3.8)	180 U (55)
M-DICHLOROBENZENE	541-73-1	ug/kg	5.5 U (0.39)	1.7 J (0.39)	4.6 U (0.39)	4.7 U (0.39)	180 U (51)
METHYL ACETATE	79-20-9	ug/kg	11 U (1.6)	12 U (1.6)	9.3 U (1.6)	9.4 U (1.6)	360 U (200)
METHYL N-BUTYL KETONE	591-78-6	ug/kg	28 U (0.43)	30 J (0.43)	23 U (0.43)	3.7 J (0.43)	910 U (500)
Methyl t-butyl ether (MTBE)	1634-04-4	ug/kg	55 U (0.47)	61 U (0.47)	46 U (0.47)	47 U (0.47)	1800 U (96)
METHYLCYLOHEXANE	108-87-2	ug/kg	2 J (0.48)	7.2 J (0.48)	1.8 J (0.48)	43 (0.48)	360 U (200)
STYRENE (MONOMER)	100-42-5	ug/kg	5.5 U (0.53)	6.1 U (0.53)	4.6 U (0.53)	4.7 U (0.53)	180 U (130)
Tetrachloroethene	127-18-4	ug/kg	5.5 U (0.98)	6.1 U (0.98)	4.6 U (0.98)	4.7 U (0.98)	180 U (89)
TOLUENE (METHYL BENZENE)	108-88-3	ug/kg	14 (0.65)	16 (0.65)	5.5 (0.65)	100 (0.65)	200 D (63)
trans-1,2-Dichloroethene	156-60-5	ug/kg	5.5 U (0.8)	6.1 U (0.8)	4.6 U (0.8)	2.3 J (0.8)	180 U (52)
trans-1,3-Dichloropropene	10061-02-6	ug/kg	5.5 U (1)	6.1 U (1)	4.6 U (1)	4.7 U (1)	180 U (59)
TRIBOMOMETHANE	75-25-2	ug/kg	5.5 U (0.68)	6.1 U (0.68)	4.6 U (0.68)	4.7 U (0.68)	180 U (45)
TRICHLOROETHYLENE	79-01-6	ug/kg	9.4 (0.77)	3.7 J (0.77)	13 (0.77)	9.7 (0.77)	130 DJ (100)
Trichlorofluoromethane	75-69-4	ug/kg	5.5 U (2)	6.1 U (2)	4.6 U (2)	4.7 U (2)	180 U (54)
Vinyl chloride	75-01-4	ug/kg	5.5 U (1.5)	6.1 U (1.5)	51 (1.5)	140 (1.5)	230 D (100)
Xylenes, Total	1330-20-7	ug/kg	14 (0.97)	120 (0.97)	68 (0.97)	46 (0.97)	140 DJ (140)

B Analyte detected in the associated method blank.
D Diluted sample.
E Concentration exceeded the upper calibration limit.
J Estimated value greater than the mdl, but less than the reporting limit.
U Not detected.

PDA VOC DATA
SOIL SAMPLES

Sample ID Test Type Sample Date Analytical Method			SB-D5 (0-0.5) Initial 8/1/2003 SW8260	SB-D5 (0.5-6.0) Initial 8/1/2003 SW8260	SB-D6 (0-0.5) Initial 8/1/2003 SW8260	SB-D6 (0.5-6.0) Initial 8/1/2003 SW8260	SB-E1 (0-0.5) Initial 7/29/2003 SW8260
Chemical Name	**CAS No**	**Unit**					
1,1,1-Trichloroethane	71-55-6	ug/kg	5 U (0.54)	5 U (0.54)	4.2 U (0.54)	4.7 U (0.54)	5.7 U (0.54)
1,1,2,2-TETRACHLOROETHANE	79-34-5	ug/kg	5 U (0.57)	5 U (0.57)	4.2 U (0.57)	4.7 U (0.57)	5.7 U (0.57)
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/kg	5 U (0.46)	5 U (0.46)	4.2 U (0.46)	4.7 U (0.46)	5.7 U (0.46)
1,1,2-TRICHLOROETHANE	79-00-5	ug/kg	5 U (0.97)	5 U (0.97)	4.2 U (0.97)	4.7 U (0.97)	5.7 U (0.97)
1,1-DICHLOROETHANE	75-34-3	ug/kg	5 U (0.8)	5 U (0.8)	4.2 U (0.8)	4.7 U (0.8)	5.7 U (0.8)
1,1-DICHLOROETHYLENE	75-35-4	ug/kg	5 U (0.58)	5 U (0.58)	4.2 U (0.58)	4.7 U (0.58)	5.7 U (0.58)
1,2,3-TRICHLOROBENZENE	87-61-6	ug/kg	5 U (3.4)	5 U (3.4)	4.2 U (3.4)	4.7 U (3.4)	5.7 U (3.4)
1,2,4-TRICHLOROBENZENE	120-82-1	ug/kg	5 U (0.44)	5 U (0.44)	4.2 U (0.44)	4.7 U (0.44)	5.7 U (0.44)
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	96-12-8	ug/kg	10 U (0.86)	10 U (0.86)	8.4 U (0.86)	9.5 U (0.86)	11 U (0.86)
1,2-Dibromoethane (EDB)	106-93-4	ug/kg	5 U (0.57)	5 U (0.57)	4.2 U (0.57)	4.7 U (0.57)	5.7 U (0.57)
1,2-DICHLOROBENZENE	95-50-1	ug/kg	5 U (1.1)	5 U (1.1)	4.2 U (1.1)	4.7 U (1.1)	5.7 U (1.1)
1,2-DICHLOROETHANE	107-06-2	ug/kg	5 U (0.66)	5 U (0.66)	4.2 U (0.66)	4.7 U (0.66)	5.7 U (0.66)
1,2-Dichloropropane	78-87-5	ug/kg	5 U (0.65)	5 U (0.65)	4.2 U (0.65)	4.7 U (0.65)	5.7 U (0.65)
1,4-DICHLOROBENZENE	106-46-7	ug/kg	5 U (0.54)	5 U (0.54)	4.2 U (0.54)	4.7 U (0.54)	5.7 U (0.54)
2-Butanone (MEK)	78-93-3	ug/kg	9.9 J (0.28)	6.3 J (0.28)	21 U (0.28)	18 J (0.28)	5.6 J (0.28)
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/kg	1.8 J (0.38)	1.4 J (0.38)	1.2 J (0.38)	1.4 J (0.38)	28 U (0.38)
ACETONE	67-64-1	ug/kg	180 (5)	78 (5)	37 J (5)	160 (5)	80 (5)
BENZENE	71-43-2	ug/kg	1.6 J (0.38)	5 U (0.38)	0.68 J (0.38)	0.73 J (0.38)	1.3 J (0.38)
BROMODICHLOROMETHANE	75-27-4	ug/kg	5 U (0.31)	5 U (0.31)	4.2 U (0.31)	4.7 U (0.31)	5.7 U (0.31)
BROMOMETHANE	74-83-9	ug/kg	5 U (0.57)	5 U (0.57)	4.2 U (0.57)	4.7 U (0.57)	5.7 U (0.57)
CARBON DISULFIDE	75-15-0	ug/kg	3.7 J (0.4)	5 U (0.4)	4.2 U (0.4)	0.48 J (0.4)	0.92 J (0.4)
CARBON TETRACHLORIDE	56-23-5	ug/kg	5 U (0.35)	5 U (0.35)	4.2 U (0.35)	4.7 U (0.35)	5.7 U (0.35)
CHLOROBENZENE	108-90-7	ug/kg	5 U (0.74)	5 U (0.74)	4.2 U (0.74)	4.7 U (0.74)	5.7 U (0.74)
CHLOROBROMOMETHANE	74-97-5	ug/kg	5 U (0.51)	5 U (0.51)	4.2 U (0.51)	4.7 U (0.51)	5.7 U (0.51)
CHLORODIBROMOMETHANE	124-48-1	ug/kg	5 U (0.39)	5 U (0.39)	4.2 U (0.39)	4.7 U (0.39)	5.7 U (0.39)
CHLOROETHANE	75-00-3	ug/kg	5 U (0.57)	5 U (0.57)	4.2 U (0.57)	4.7 U (0.57)	5.7 U (0.57)
CHLOROFORM	67-66-3	ug/kg	5 U (0.44)	5 U (0.44)	4.2 U (0.44)	4.7 U (0.44)	5.7 U (0.44)
CHLOROMETHANE	74-87-3	ug/kg	10 U (1.4)	10 U (1.4)	8.4 U (1.4)	9.5 U (1.4)	11 U (1.4)

B Analyte detected in the associated method blank.
D Diluted sample.
E Concentration exceeded the upper calibration limit.
J Estimated value greater than the mdl, but less than the reporting limit.
U Not detected.

PDA VOC DATA
SOIL SAMPLES

Sample ID Test Type Sample Date Analytical Method			SB-D5 (0-0.5) Initial 8/1/2003 SW8260	SB-D5 (0.5-6.0) Initial 8/1/2003 SW8260	SB-D6 (0-0.5) Initial 8/1/2003 SW8260	SB-D6 (0.5-6.0) Initial 8/1/2003 SW8260	SB-E1 (0-0.5) Initial 7/29/2003 SW8260
Chemical Name	**CAS No**	**Unit**					
cis-1,2-Dichloroethene	156-59-2	ug/kg	5 U (0.39)	5 U (0.39)	4.2 U (0.39)	4.7 U (0.39)	5.7 U (0.39)
cis-1,3-Dichloropropene	10061-01-5	ug/kg	5 U (0.7)	5 U (0.7)	4.2 U (0.7)	4.7 U (0.7)	5.7 U (0.7)
CYCLOHEXANE	110-82-7	ug/kg	2.1 J (0.8)	0.49 J (0.8)	1.4 J (0.8)	0.49 J (0.8)	3.8 J (0.8)
Dichlorodifluoromethane	75-71-8	ug/kg	5 U (2.2)	5 U (2.2)	4.2 U (2.2)	4.7 U (2.2)	5.7 U (2.2)
DICHLOROMETHANE	75-09-2	ug/kg	0.78 JB (0.54)	0.88 JB (0.54)	0.62 JB (0.54)	4.7 U (0.54)	0.87 JB (0.54)
ETHYLBENZENE	100-41-4	ug/kg	0.9 J (0.3)	0.45 J (0.3)	0.55 J (0.3)	0.3 J (0.3)	1.8 J (0.3)
Isopropylbenzene	98-82-8	ug/kg	5 U (3.8)	5 U (3.8)	4.2 U (3.8)	4.7 U (3.8)	5.7 U (3.8)
M-DICHLOROBENZENE	541-73-1	ug/kg	5 U (0.39)	5 U (0.39)	4.2 U (0.39)	4.7 U (0.39)	5.7 U (0.39)
METHYL ACETATE	79-20-9	ug/kg	10 U (1.6)	10 U (1.6)	11 (1.6)	9.5 U (1.6)	11 U (1.6)
METHYL N-BUTYL KETONE	591-78-6	ug/kg	25 U (0.43)	25 U (0.43)	21 U (0.43)	0.69 J (0.43)	28 U (0.43)
Methyl t-butyl ether (MTBE)	1634-04-4	ug/kg	50 U (0.47)	50 U (0.47)	42 U (0.47)	47 U (0.47)	57 U (0.47)
METHYLCYLOHEXANE	108-87-2	ug/kg	3.6 J (0.48)	1.1 J (0.48)	2.6 J (0.48)	0.97 J (0.48)	4.5 J (0.48)
STYRENE (MONOMER)	100-42-5	ug/kg	5 U (0.53)	5 U (0.53)	4.2 U (0.53)	4.7 U (0.53)	5.7 U (0.53)
Tetrachloroethene	127-18-4	ug/kg	5 U (0.98)	5 U (0.98)	4.2 U (0.98)	4.7 U (0.98)	5.7 U (0.98)
TOLUENE (METHYL BENZENE)	108-88-3	ug/kg	3.8 J (0.65)	0.68 J (0.65)	2.4 J (0.65)	4.7 U (0.65)	3.9 J (0.65)
trans-1,2-Dichloroethene	156-60-5	ug/kg	5 U (0.8)	5 U (0.8)	4.2 U (0.8)	4.7 U (0.8)	5.7 U (0.8)
trans-1,3-Dichloropropene	10061-02-6	ug/kg	5 U (1)	5 U (1)	4.2 U (1)	4.7 U (1)	5.7 U (1)
TRIBOMOMETHANE	75-25-2	ug/kg	5 U (0.68)	5 U (0.68)	4.2 U (0.68)	4.7 U (0.68)	5.7 U (0.68)
TRICHLOROETHYLENE	79-01-6	ug/kg	0.92 J (0.77)	5 U (0.77)	4.2 U (0.77)	0.77 J (0.77)	31 (0.77)
Trichlorofluoromethane	75-69-4	ug/kg	5 U (2)	5 U (2)	4.2 U (2)	4.7 U (2)	5.7 U (2)
Vinyl chloride	75-01-4	ug/kg	5 U (1.5)	5 U (1.5)	4.2 U (1.5)	4.7 U (1.5)	5.7 U (1.5)
Xylenes, Total	1330-20-7	ug/kg	3.6 J (0.97)	10 U (0.97)	0.48 J (0.97)	9.5 U (0.97)	6.3 J (0.97)

B Analyte detected in the associated method blank.
D Diluted sample.
E Concentration exceeded the upper calibration limit.
J Estimated value greater than the mdl, but less than the reporting limit.
U Not detected.

PDA VOC DATA
SOIL SAMPLES

Sample ID Test Type Sample Date Analytical Method			SB-E1 (0.5-6.0) Initial 7/29/2003 SW8260	SB-E2 (0-0.5) Initial 7/29/2003 SW8260	SB-E2 (0.5-6.0) Initial 7/29/2003 SW8260	SB-E2 (0.5-6.0) Reanalysis 7/29/2003 SW8260	SB-E3 (0-0.5) Initial 7/31/2003 SW8260	SB-E3 (0-0.5) Reanalysis 7/31/2003 SW8260
Chemical Name	**CAS No**	**Unit**						
1,1,1-Trichloroethane	71-55-6	ug/kg	5.3 U (0.54)	6.3 U (0.54)	4.8 U (0.54)	190 U (110)	6.2 U (0.54)	260 U (110)
1,1,2,2-TETRACHLOROETHANE	79-34-5	ug/kg	5.3 U (0.57)	6.3 U (0.57)	4.8 U (0.57)	190 U (79)	6.2 U (0.57)	260 U (79)
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/kg	5.3 U (0.46)	6.3 U (0.46)	4.8 U (0.46)	190 U (100)	6.2 U (0.46)	260 U (100)
1,1,2-TRICHLOROETHANE	79-00-5	ug/kg	5.3 U (0.97)	6.3 U (0.97)	4.8 U (0.97)	190 U (41)	6.2 U (0.97)	260 U (41)
1,1-DICHLOROETHANE	75-34-3	ug/kg	5.3 U (0.8)	6.3 U (0.8)	4.8 U (0.8)	190 U (35)	6.2 U (0.8)	260 U (35)
1,1-DICHLOROETHYLENE	75-35-4	ug/kg	5.3 U (0.58)	6.3 U (0.58)	4.8 U (0.58)	190 U (82)	6.2 U (0.58)	260 U (82)
1,2,3-TRICHLOROBENZENE	87-61-6	ug/kg	5.3 U (3.4)	6.3 U (3.4)	4.8 U (3.4)	190 U (100)	6.2 U (3.4)	64 DJ (100)
1,2,4-TRICHLOROBENZENE	120-82-1	ug/kg	5.3 U (0.44)	6.3 U (0.44)	1.3 J (0.44)	190 U (94)	6.2 U (0.44)	78 DJ (100)
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	96-12-8	ug/kg	11 U (0.86)	13 U (0.86)	9.7 U (0.86)	390 U (95)	12 U (0.86)	510 U (95)
1,2-Dibromoethane (EDB)	106-93-4	ug/kg	5.3 U (0.57)	6.3 U (0.57)	4.8 U (0.57)	190 U (84)	6.2 U (0.57)	260 U (84)
1,2-DICHLOROBENZENE	95-50-1	ug/kg	5.3 U (1.1)	6.3 U (1.1)	4.8 U (1.1)	190 U (46)	6.2 U (1.1)	260 U (46)
1,2-DICHLOROETHANE	107-06-2	ug/kg	5.3 U (0.66)	6.3 U (0.66)	4.8 U (0.66)	190 U (100)	86 (0.66)	310 D (100)
1,2-Dichloropropane	78-87-5	ug/kg	5.3 U (0.65)	6.3 U (0.65)	4.8 U (0.65)	190 U (96)	6.2 U (0.65)	260 U (96)
1,4-DICHLOROBENZENE	106-46-7	ug/kg	5.3 U (0.54)	6.3 U (0.54)	4.8 U (0.54)	190 U (60)	6.2 U (0.54)	81 DJ (60)
2-Butanone (MEK)	78-93-3	ug/kg	27 U (0.28)	18 J (0.28)	160 (0.28)	240 DBJ (170)	290 (0.28)	1300 U (170)
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/kg	27 U (0.38)	32 U (0.38)	54 (0.38)	970 U (140)	31 U (0.38)	1300 U (140)
ACETONE	67-64-1	ug/kg	66 (5)	180 (5)	1100 E (5)	590 DJ (510)	2000 E (5)	3000 D (510)
BENZENE	71-43-2	ug/kg	4.2 J (0.38)	2 J (0.38)	5.7 (0.38)	240 D (46)	5.3 J (0.38)	70 DJ (46)
BROMODICHLOROMETHANE	75-27-4	ug/kg	5.3 U (0.31)	6.3 U (0.31)	4.8 U (0.31)	190 U (86)	6.2 U (0.31)	260 U (86)
BROMOMETHANE	74-83-9	ug/kg	5.3 U (0.57)	6.3 U (0.57)	4.8 U (0.57)	190 U (100)	6.2 U (0.57)	260 U (100)
CARBON DISULFIDE	75-15-0	ug/kg	5.3 U (0.4)	2.2 J (0.4)	6.1 (0.4)	130 DJ (78)	37 (0.4)	260 U (78)
CARBON TETRACHLORIDE	56-23-5	ug/kg	5.3 U (0.35)	6.3 U (0.35)	4.8 U (0.35)	190 U (120)	6.2 U (0.35)	260 U (120)
CHLOROBENZENE	108-90-7	ug/kg	4.3 J (0.74)	6.3 U (0.74)	1.1 J (0.74)	61 DJ (62)	6.2 U (0.74)	260 U (62)
CHLOROBROMOMETHANE	74-97-5	ug/kg	5.3 U (0.51)	6.3 U (0.51)	4.8 U (0.51)	390 U (98)	6.2 U (0.51)	510 U (98)
CHLORODIBROMOMETHANE	124-48-1	ug/kg	5.3 U (0.39)	6.3 U (0.39)	4.8 U (0.39)	190 U (66)	6.2 U (0.39)	260 U (66)
CHLOROETHANE	75-00-3	ug/kg	5.3 U (0.57)	6.3 U (0.57)	4.8 U (0.57)	190 U (100)	6.2 U (0.57)	260 U (100)
CHLOROFORM	67-66-3	ug/kg	5.3 U (0.44)	6.3 U (0.44)	4.8 U (0.44)	190 U (39)	6.2 U (0.44)	260 U (39)
CHLOROMETHANE	74-87-3	ug/kg	11 U (1.4)	13 U (1.4)	9.7 U (1.4)	390 U (100)	12 U (1.4)	510 U (100)

B Analyte detected in the associated method blank.
D Diluted sample.
E Concentration exceeded the upper calibration limit.
J Estimated value greater than the mdl, but less than the reporting limit.
U Not detected.

PDA VOC DATA
SOIL SAMPLES

Sample ID Test Type Sample Date Analytical Method			SB-E1 (0.5-6.0) Initial 7/29/2003 SW8260	SB-E2 (0-0.5) Initial 7/29/2003 SW8260	SB-E2 (0.5-6.0) Initial 7/29/2003 SW8260	SB-E2 (0.5-6.0) Reanalysis 7/29/2003 SW8260	SB-E3 (0-0.5) Initial 7/31/2003 SW8260	SB-E3 (0-0.5) Reanalysis 7/31/2003 SW8260
Chemical Name	**CAS No**	**Unit**						
cis-1,2-Dichloroethene	156-59-2	ug/kg	170 (0.39)	6.3 U (0.39)	0.93 J (0.39)	79 DJ (58)	6.2 U (0.39)	260 U (58)
cis-1,3-Dichloropropene	10061-01-5	ug/kg	5.3 U (0.7)	6.3 U (0.7)	4.8 U (0.7)	190 U (100)	6.2 U (0.7)	260 U (100)
CYCLOHEXANE	110-82-7	ug/kg	2 J (0.8)	3.6 J (0.8)	0.48 J (0.8)	390 U (200)	22 (0.8)	160 DJ (200)
Dichlorodifluoromethane	75-71-8	ug/kg	5.3 U (2.2)	6.3 U (2.2)	4.8 U (2.2)	190 U (60)	6.2 U (2.2)	260 U (60)
DICHLOROMETHANE	75-09-2	ug/kg	5.3 U (0.54)	6.3 U (0.54)	0.85 JB (0.54)	190 U (51)	6.2 U (0.54)	260 U (51)
ETHYLBENZENE	100-41-4	ug/kg	3.1 JB (0.3)	3 JB (0.3)	36 B (0.3)	160 DJ (50)	20 (0.3)	200 DJ (50)
Isopropylbenzene	98-82-8	ug/kg	5.3 U (3.8)	6.3 U (3.8)	4.8 U (3.8)	190 U (55)	9.1 (3.8)	260 U (55)
M-DICHLOROBENZENE	541-73-1	ug/kg	5.3 U (0.39)	6.3 U (0.39)	4.8 U (0.39)	190 U (51)	6.2 U (0.39)	260 U (51)
METHYL ACETATE	79-20-9	ug/kg	11 U (1.6)	13 U (1.6)	48 (1.6)	260 DJ (200)	12 U (1.6)	620 D (200)
METHYL N-BUTYL KETONE	591-78-6	ug/kg	27 U (0.43)	32 U (0.43)	81 (0.43)	970 U (500)	31 U (0.43)	1300 U (500)
Methyl t-butyl ether (MTBE)	1634-04-4	ug/kg	53 U (0.47)	63 U (0.47)	48 U (0.47)	1900 U (96)	62 U (0.47)	2600 U (96)
METHYLCYLOHEXANE	108-87-2	ug/kg	4.7 J (0.48)	4.1 J (0.48)	3.4 J (0.48)	390 U (200)	31 (0.48)	560 D (200)
STYRENE (MONOMER)	100-42-5	ug/kg	5.3 U (0.53)	6.3 U (0.53)	4.8 U (0.53)	190 U (130)	6.2 U (0.53)	260 U (130)
Tetrachloroethene	127-18-4	ug/kg	5.3 U (0.98)	6.3 U (0.98)	4.8 U (0.98)	190 U (89)	6.6 (0.98)	130 DJ (89)
TOLUENE (METHYL BENZENE)	108-88-3	ug/kg	1.8 JB (0.65)	5.4 JB (0.65)	5.4 B (0.65)	90 DJ (63)	10 (0.65)	560 D (63)
trans-1,2-Dichloroethene	156-60-5	ug/kg	2.3 J (0.8)	6.3 U (0.8)	4.8 U (0.8)	71 DJ (52)	6.2 U (0.8)	260 U (52)
trans-1,3-Dichloropropene	10061-02-6	ug/kg	5.3 U (1)	6.3 U (1)	4.8 U (1)	190 U (59)	6.2 U (1)	260 U (59)
TRIBOMOMETHANE	75-25-2	ug/kg	5.3 U (0.68)	6.3 U (0.68)	4.8 U (0.68)	190 U (45)	6.2 U (0.68)	260 U (45)
TRICHLOROETHYLENE	79-01-6	ug/kg	16 (0.77)	2.6 J (0.77)	5.8 (0.77)	270 D (100)	26 (0.77)	230 DJ (100)
Trichlorofluoromethane	75-69-4	ug/kg	5.3 U (2)	6.3 U (2)	4.8 U (2)	190 U (54)	6.2 U (2)	260 U (54)
Vinyl chloride	75-01-4	ug/kg	6.7 (1.5)	6.3 U (1.5)	4.8 U (1.5)	190 U (100)	6.2 U (1.5)	260 U (100)
Xylenes, Total	1330-20-7	ug/kg	14 (0.97)	17 (0.97)	140 (0.97)	440 D (140)	120 (0.97)	1100 D (140)

B Analyte detected in the associated method blank.
D Diluted sample.
E Concentration exceeded the upper calibration limit.
J Estimated value greater than the mdl, but less than the reporting limit.
U Not detected.

PDA VOC DATA
SOIL SAMPLES

Sample ID Test Type Sample Date Analytical Method			SB-E3 (0.5-6.0) Initial 7/31/2003 SW8260	SB-E3 (0.5-6.0) Reanalysis 7/31/2003 SW8260	SB-E4 (0-0.5) Initial 7/31/2003 SW8260	SB-E4 (0-0.5) Reanalysis 7/31/2003 SW8260	SB-E4 (0.5-6.0) Initial 7/31/2003 SW8260	SB-E5 (0-0.5) Initial 8/1/2003 SW8260
Chemical Name	**CAS No**	**Unit**						
1,1,1-Trichloroethane	71-55-6	ug/kg	5.1 U (0.54)	200 U (110)	5.7 U (0.54)	240 U (110)	4.7 U (0.54)	6.6 U (0.54)
1,1,2,2-TETRACHLOROETHANE	79-34-5	ug/kg	5.1 U (0.57)	200 U (79)	5.7 U (0.57)	240 U (79)	4.7 U (0.57)	6.6 U (0.57)
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/kg	5.1 U (0.46)	200 U (100)	5.7 U (0.46)	240 U (100)	4.7 U (0.46)	6.6 U (0.46)
1,1,2-TRICHLOROETHANE	79-00-5	ug/kg	5.1 U (0.97)	200 U (41)	5.7 U (0.97)	240 U (41)	4.7 U (0.97)	6.6 U (0.97)
1,1-DICHLOROETHANE	75-34-3	ug/kg	5.1 U (0.8)	200 U (35)	5.7 U (0.8)	240 U (35)	4.7 U (0.8)	6.6 U (0.8)
1,1-DICHLOROETHYLENE	75-35-4	ug/kg	5.1 U (0.58)	200 U (82)	5.7 U (0.58)	240 U (82)	4.7 U (0.58)	6.6 U (0.58)
1,2,3-TRICHLOROBENZENE	87-61-6	ug/kg	5.1 U (3.4)	200 U (100)	5.7 U (3.4)	240 U (100)	4.7 U (3.4)	6.6 U (3.4)
1,2,4-TRICHLOROBENZENE	120-82-1	ug/kg	5.1 U (0.44)	200 U (100)	5.7 U (0.44)	240 U (100)	4.7 U (0.44)	6.6 U (0.44)
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	96-12-8	ug/kg	10 U (0.86)	410 U (95)	11 U (0.86)	480 U (95)	9.3 U (0.86)	13 U (0.86)
1,2-Dibromoethane (EDB)	106-93-4	ug/kg	5.1 U (0.57)	200 U (84)	5.7 U (0.57)	240 U (84)	4.7 U (0.57)	6.6 U (0.57)
1,2-DICHLOROBENZENE	95-50-1	ug/kg	5.1 U (1.1)	200 U (46)	5.7 U (1.1)	240 U (46)	4.7 U (1.1)	6.6 U (1.1)
1,2-DICHLOROETHANE	107-06-2	ug/kg	5.1 U (0.66)	200 U (100)	5.7 U (0.66)	240 U (100)	4.7 U (0.66)	6.6 U (0.66)
1,2-Dichloropropane	78-87-5	ug/kg	5.1 U (0.65)	200 U (96)	5.7 U (0.65)	240 U (96)	4.7 U (0.65)	6.6 U (0.65)
1,4-DICHLOROBENZENE	106-46-7	ug/kg	5.1 U (0.54)	200 U (60)	5.7 U (0.54)	240 U (60)	4.7 U (0.54)	6.6 U (0.54)
2-Butanone (MEK)	78-93-3	ug/kg	250 (0.28)	1000 U (170)	490 (0.28)	1200 U (170)	33 (0.28)	33 U (0.28)
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/kg	340 (0.38)	1000 U (140)	28 U (0.38)	1200 U (140)	23 U (0.38)	33 U (0.38)
ACETONE	67-64-1	ug/kg	1300 E (5)	740 DJ (510)	1700 E (5)	1100 DJ (510)	100 (5)	66 U (5)
BENZENE	71-43-2	ug/kg	15 (0.38)	200 U (46)	10 (0.38)	240 U (46)	2.4 J (0.38)	6.6 U (0.38)
BROMODICHLOROMETHANE	75-27-4	ug/kg	5.1 U (0.31)	200 U (86)	5.7 U (0.31)	240 U (86)	4.7 U (0.31)	6.6 U (0.31)
BROMOMETHANE	74-83-9	ug/kg	5.1 U (0.57)	220 D (100)	5.7 U (0.57)	310 D (100)	4.7 U (0.57)	6.6 U (0.57)
CARBON DISULFIDE	75-15-0	ug/kg	85 (0.4)	200 U (78)	26 (0.4)	160 DJ (78)	7 (0.4)	6.6 U (0.4)
CARBON TETRACHLORIDE	56-23-5	ug/kg	5.1 U (0.35)	200 U (120)	5.7 U (0.35)	240 U (120)	4.7 U (0.35)	6.6 U (0.35)
CHLOROBENZENE	108-90-7	ug/kg	12 (0.74)	200 U (62)	5.7 U (0.74)	240 U (62)	4.7 U (0.74)	6.6 U (0.74)
CHLOROBROMOMETHANE	74-97-5	ug/kg	5.1 U (0.51)	410 U (98)	5.7 U (0.51)	480 U (98)	4.7 U (0.51)	6.6 U (0.51)
CHLORODIBROMOMETHANE	124-48-1	ug/kg	5.1 U (0.39)	200 U (66)	5.7 U (0.39)	240 U (66)	4.7 U (0.39)	6.6 U (0.39)
CHLOROETHANE	75-00-3	ug/kg	5.1 U (0.57)	200 U (100)	5.7 U (0.57)	240 U (100)	4.7 U (0.57)	6.6 U (0.57)
CHLOROFORM	67-66-3	ug/kg	5.1 U (0.44)	200 U (39)	5.7 U (0.44)	240 U (39)	4.7 U (0.44)	6.6 U (0.44)
CHLOROMETHANE	74-87-3	ug/kg	10 U (1.4)	200 DJ (100)	11 U (1.4)	290 DJ (100)	9.3 U (1.4)	13 U (1.4)

B Analyte detected in the associated method blank.
D Diluted sample.
E Concentration exceeded the upper calibration limit.
J Estimated value greater than the mdl, but less than the reporting limit.
U Not detected.

PDA VOC DATA
SOIL SAMPLES

Sample ID			SB-E3 (0.5-6.0)	SB-E3 (0.5-6.0)	SB-E4 (0-0.5)	SB-E4 (0-0.5)	SB-E4 (0.5-6.0)	SB-E5 (0-0.5)
Test Type			Initial	Reanalysis	Initial	Reanalysis	Initial	Initial
Sample Date			7/31/2003	7/31/2003	7/31/2003	7/31/2003	7/31/2003	8/1/2003
Analytical Method			SW8260	SW8260	SW8260	SW8260	SW8260	SW8260
Chemical Name	**CAS No**	**Unit**						
cis-1,2-Dichloroethene	156-59-2	ug/kg	340 E (0.39)	2200 D (58)	5.7 U (0.39)	240 U (58)	4.7 (0.39)	6.6 U (0.39)
cis-1,3-Dichloropropene	10061-01-5	ug/kg	5.1 U (0.7)	200 U (100)	5.7 U (0.7)	240 U (100)	4.7 U (0.7)	6.6 U (0.7)
CYCLOHEXANE	110-82-7	ug/kg	13 (0.8)	410 U (200)	15 (0.8)	27 DJ (200)	9.3 U (0.8)	13 U (0.8)
Dichlorodifluoromethane	75-71-8	ug/kg	5.1 U (2.2)	200 U (60)	5.7 U (2.2)	240 U (60)	4.7 U (2.2)	6.6 U (2.2)
DICHLOROMETHANE	75-09-2	ug/kg	5.1 U (0.54)	200 U (51)	5.7 U (0.54)	240 U (51)	4.7 U (0.54)	1.2 J (0.54)
ETHYLBENZENE	100-41-4	ug/kg	120 (0.3)	200 U (50)	15 (0.3)	240 U (50)	4.7 U (0.3)	2.1 J (0.3)
Isopropylbenzene	98-82-8	ug/kg	47 (3.8)	200 U (55)	5.7 U (3.8)	240 U (55)	4.7 U (3.8)	6.6 U (3.8)
M-DICHLOROBENZENE	541-73-1	ug/kg	5.1 U (0.39)	200 U (51)	5.7 U (0.39)	240 U (51)	4.7 U (0.39)	6.6 U (0.39)
METHYL ACETATE	79-20-9	ug/kg	10 U (1.6)	920 D (200)	11 U (1.6)	1000 D (200)	9.3 U (1.6)	13 U (1.6)
METHYL N-BUTYL KETONE	591-78-6	ug/kg	26 U (0.43)	1000 U (500)	28 U (0.43)	1200 U (500)	23 U (0.43)	33 U (0.43)
Methyl t-butyl ether (MTBE)	1634-04-4	ug/kg	51 U (0.47)	2000 U (96)	57 U (0.47)	2400 U (96)	47 U (0.47)	66 U (0.47)
METHYLCYLOHEXANE	108-87-2	ug/kg	34 (0.48)	11 DJ (200)	25 (0.48)	95 DJ (200)	0.56 J (0.48)	13 U (0.48)
STYRENE (MONOMER)	100-42-5	ug/kg	5.1 U (0.53)	200 U (130)	5.7 U (0.53)	240 U (130)	4.7 U (0.53)	3.2 J (0.53)
Tetrachloroethene	127-18-4	ug/kg	5.1 U (0.98)	200 U (89)	5.7 U (0.98)	240 U (89)	4.7 U (0.98)	6.6 U (0.98)
TOLUENE (METHYL BENZENE)	108-88-3	ug/kg	28 (0.65)	200 U (63)	42 (0.65)	190 DJ (63)	0.72 J (0.65)	1.8 J (0.65)
trans-1,2-Dichloroethene	156-60-5	ug/kg	12 (0.8)	62 DJ (52)	5.7 U (0.8)	240 U (52)	4.7 U (0.8)	6.6 U (0.8)
trans-1,3-Dichloropropene	10061-02-6	ug/kg	5.1 U (1)	200 U (59)	5.7 U (1)	240 U (59)	4.7 U (1)	6.6 U (1)
TRIBOMOMETHANE	75-25-2	ug/kg	5.1 U (0.68)	200 U (45)	5.7 U (0.68)	240 U (45)	4.7 U (0.68)	6.6 U (0.68)
TRICHLOROETHYLENE	79-01-6	ug/kg	760 E (0.77)	250 D (100)	6.5 (0.77)	240 U (100)	2.3 J (0.77)	3.6 J (0.77)
Trichlorofluoromethane	75-69-4	ug/kg	5.1 U (2)	200 U (54)	5.7 U (2)	240 U (54)	4.7 U (2)	6.6 U (2)
Vinyl chloride	75-01-4	ug/kg	270 E (1.5)	200 U (100)	5.7 U (1.5)	240 U (100)	4.7 U (1.5)	6.6 U (1.5)
Xylenes, Total	1330-20-7	ug/kg	580 (0.97)	410 U (140)	90 (0.97)	480 U (140)	0.38 J (0.97)	4.6 J (0.97)

B Analyte detected in the associated method blank.
D Diluted sample.
E Concentration exceeded the upper calibration limit.
J Estimated value greater than the mdl, but less than the reporting limit.
U Not detected.

PDA VOC DATA
SOIL SAMPLES

Sample ID Test Type Sample Date Analytical Method			SB-E5 (0.5-6.0) Initial 8/1/2003 SW8260	SB-E6 (0-0.5) Initial 8/1/2003 SW8260	SB-E6 (0.5-6.0) Initial 8/1/2003 SW8260	SB-F1 (0-0.5) Initial 7/30/2003 SW8260	SB-F1 (0-0.5) Reanalysis 7/30/2003 SW8260	SB-F1 (0.5-6.0) Initial 7/30/2003 SW8260
Chemical Name	**CAS No**	**Unit**						
1,1,1-Trichloroethane	71-55-6	ug/kg	200 U (110)	4.8 U (0.54)	5 U (0.54)	9.9 U (0.54)	390 U (110)	210 U (110)
1,1,2,2-TETRACHLOROETHANE	79-34-5	ug/kg	200 U (79)	4.8 U (0.57)	5 U (0.57)	9.9 U (0.57)	390 U (79)	210 U (79)
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/kg	200 U (100)	4.8 U (0.46)	5 U (0.46)	9.9 U (0.46)	390 U (100)	210 U (100)
1,1,2-TRICHLOROETHANE	79-00-5	ug/kg	200 U (41)	4.8 U (0.97)	5 U (0.97)	9.9 U (0.97)	390 U (41)	210 U (41)
1,1-DICHLOROETHANE	75-34-3	ug/kg	200 U (35)	4.8 U (0.8)	5 U (0.8)	9.9 U (0.8)	390 U (35)	210 U (35)
1,1-DICHLOROETHYLENE	75-35-4	ug/kg	200 U (82)	4.8 U (0.58)	5 U (0.58)	2.3 J (0.58)	390 U (82)	210 U (82)
1,2,3-TRICHLOROBENZENE	87-61-6	ug/kg	200 U (100)	8 (3.4)	5 U (3.4)	9.9 U (3.4)	390 U (100)	210 U (100)
1,2,4-TRICHLOROBENZENE	120-82-1	ug/kg	200 U (94)	4.8 U (0.44)	5 U (0.44)	9.9 U (0.44)	390 U (94)	230 (94)
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	96-12-8	ug/kg	390 U (95)	9.7 U (0.86)	10 U (0.86)	20 U (0.86)	770 U (95)	410 U (95)
1,2-Dibromoethane (EDB)	106-93-4	ug/kg	200 U (84)	4.8 U (0.57)	5 U (0.57)	9.9 U (0.57)	390 U (84)	210 U (84)
1,2-DICHLOROBENZENE	95-50-1	ug/kg	200 U (46)	4.8 U (1.1)	5 U (1.1)	9.9 U (1.1)	100 DJ (46)	68 J (46)
1,2-DICHLOROETHANE	107-06-2	ug/kg	200 U (100)	4.8 U (0.66)	5 U (0.66)	9.9 U (0.66)	390 U (100)	210 U (100)
1,2-Dichloropropane	78-87-5	ug/kg	200 U (96)	4.8 U (0.65)	5 U (0.65)	9.9 U (0.65)	390 U (96)	210 U (96)
1,4-DICHLOROBENZENE	106-46-7	ug/kg	200 U (60)	4.8 U (0.54)	5 U (0.54)	9.9 U (0.54)	120 DJ (60)	91 J (60)
2-Butanone (MEK)	78-93-3	ug/kg	990 U (170)	24 U (0.28)	15 J (0.28)	50 U (0.28)	1900 U (170)	1000 U (170)
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/kg	990 U (140)	2.3 J (0.38)	25 U (0.38)	50 U (0.38)	1900 U (140)	1000 U (140)
ACETONE	67-64-1	ug/kg	3700 (510)	520 (5)	210 (5)	330 (5)	3900 U (510)	2100 U (510)
BENZENE	71-43-2	ug/kg	210 (46)	2.3 J (0.38)	0.4 J (0.38)	9.8 J (0.38)	390 U (46)	220 (46)
BROMODICHLOROMETHANE	75-27-4	ug/kg	200 U (86)	4.8 U (0.31)	5 U (0.31)	9.9 U (0.31)	390 U (86)	210 U (86)
BROMOMETHANE	74-83-9	ug/kg	200 U (100)	4.8 U (0.57)	5 U (0.57)	9.9 U (0.57)	390 U (100)	210 U (100)
CARBON DISULFIDE	75-15-0	ug/kg	130 J (78)	7.4 (0.4)	5 U (0.4)	3.6 J (0.4)	160 DJ (78)	83 J (78)
CARBON TETRACHLORIDE	56-23-5	ug/kg	200 U (120)	4.8 U (0.35)	5 U (0.35)	9.9 U (0.35)	390 U (120)	210 U (120)
CHLOROBENZENE	108-90-7	ug/kg	200 U (62)	4.8 U (0.74)	5 U (0.74)	9.9 U (0.74)	390 U (62)	210 U (62)
CHLOROBROMOMETHANE	74-97-5	ug/kg	390 U (98)	4.8 U (0.51)	5 U (0.51)	9.9 U (0.51)	770 U (98)	410 U (98)
CHLORODIBROMOMETHANE	124-48-1	ug/kg	200 U (66)	4.8 U (0.39)	5 U (0.39)	9.9 U (0.39)	390 U (66)	210 U (66)
CHLOROETHANE	75-00-3	ug/kg	200 U (100)	4.8 U (0.57)	5 U (0.57)	9.9 U (0.57)	390 U (100)	210 U (100)
CHLOROFORM	67-66-3	ug/kg	96 J (39)	4.8 U (0.44)	5 U (0.44)	9.9 U (0.44)	390 U (39)	210 U (39)
CHLOROMETHANE	74-87-3	ug/kg	390 U (100)	9.7 U (1.4)	10 U (1.4)	20 U (1.4)	770 U (100)	410 U (100)

B Analyte detected in the associated method blank.
D Diluted sample.
E Concentration exceeded the upper calibration limit.
J Estimated value greater than the mdl, but less than the reporting limit.
U Not detected.

PDA VOC DATA
SOIL SAMPLES

Sample ID			SB-E5 (0.5-6.0)	SB-E6 (0-0.5)	SB-E6 (0.5-6.0)	SB-F1 (0-0.5)	SB-F1 (0-0.5)	SB-F1 (0.5-6.0)
Test Type			Initial	Initial	Initial	Initial	Reanalysis	Initial
Sample Date			8/1/2003	8/1/2003	8/1/2003	7/30/2003	7/30/2003	7/30/2003
Analytical Method			SW8260	SW8260	SW8260	SW8260	SW8260	SW8260
Chemical Name	**CAS No**	**Unit**						
cis-1,2-Dichloroethene	156-59-2	ug/kg	220 (58)	4.8 U (0.39)	5 U (0.39)	460 E (0.39)	1700 D (58)	3500 (58)
cis-1,3-Dichloropropene	10061-01-5	ug/kg	200 U (100)	4.8 U (0.7)	5 U (0.7)	9.9 U (0.7)	390 U (100)	210 U (100)
CYCLOHEXANE	110-82-7	ug/kg	390 U (200)	3.8 J (0.8)	0.37 J (0.8)	0.83 J (0.8)	770 U (200)	410 U (200)
Dichlorodifluoromethane	75-71-8	ug/kg	200 U (60)	4.8 U (2.2)	5 U (2.2)	9.9 U (2.2)	390 U (60)	210 U (60)
DICHLOROMETHANE	75-09-2	ug/kg	200 U (51)	4.8 U (0.54)	0.84 JB (0.54)	1.7 JB (0.54)	390 U (51)	210 U (51)
ETHYLBENZENE	100-41-4	ug/kg	65 J (50)	1.8 J (0.3)	5 U (0.3)	17 (0.3)	210 DJ (50)	88 J (50)
Isopropylbenzene	98-82-8	ug/kg	200 U (55)	4.8 U (3.8)	5 U (3.8)	9.9 U (3.8)	390 U (55)	210 U (55)
M-DICHLOROBENZENE	541-73-1	ug/kg	200 U (51)	4.8 U (0.39)	5 U (0.39)	9.9 U (0.39)	390 U (51)	84 J (51)
METHYL ACETATE	79-20-9	ug/kg	390 U (200)	9.7 U (1.6)	10 U (1.6)	20 U (1.6)	770 U (200)	410 U (200)
METHYL N-BUTYL KETONE	591-78-6	ug/kg	990 U (500)	0.72 J (0.43)	25 U (0.43)	50 U (0.43)	1900 U (500)	1000 U (500)
Methyl t-butyl ether (MTBE)	1634-04-4	ug/kg	2000 U (96)	48 U (0.47)	50 U (0.47)	99 U (0.47)	3900 U (96)	2100 U (96)
METHYLCYLOHEXANE	108-87-2	ug/kg	390 U (200)	5.3 J (0.48)	0.78 J (0.48)	1.4 J (0.48)	770 U (200)	410 U (200)
STYRENE (MONOMER)	100-42-5	ug/kg	200 U (130)	4.8 U (0.53)	5 U (0.53)	9.9 U (0.53)	390 U (130)	210 U (130)
Tetrachloroethene	127-18-4	ug/kg	200 U (89)	4.8 U (0.98)	5 U (0.98)	9.9 U (0.98)	390 U (89)	210 U (89)
TOLUENE (METHYL BENZENE)	108-88-3	ug/kg	3500 (63)	6.2 (0.65)	0.82 J (0.65)	2.6 JB (0.65)	130 DJ (63)	70 J (63)
trans-1,2-Dichloroethene	156-60-5	ug/kg	200 U (52)	4.8 U (0.8)	5 U (0.8)	4.8 J (0.8)	390 U (52)	210 U (52)
trans-1,3-Dichloropropene	10061-02-6	ug/kg	200 U (59)	4.8 U (1)	5 U (1)	9.9 U (1)	390 U (59)	210 U (59)
TRIBOMOMETHANE	75-25-2	ug/kg	200 U (45)	4.8 U (0.68)	5 U (0.68)	9.9 U (0.68)	390 U (45)	210 U (45)
TRICHLOROETHYLENE	79-01-6	ug/kg	1800 (100)	3.5 J (0.77)	5 U (0.77)	3100 E (0.77)	20000 D (100)	550 (100)
Trichlorofluoromethane	75-69-4	ug/kg	200 U (54)	4.8 U (2)	5 U (2)	9.9 U (2)	390 U (54)	210 U (54)
Vinyl chloride	75-01-4	ug/kg	180 J (100)	4.8 U (1.5)	5 U (1.5)	9.9 U (1.5)	390 U (100)	210 U (100)
Xylenes, Total	1330-20-7	ug/kg	370 J (140)	5.8 J (0.97)	10 U (0.97)	140 (0.97)	720 DJ (140)	240 J (140)

B Analyte detected in the associated method blank.
D Diluted sample.
E Concentration exceeded the upper calibration limit.
J Estimated value greater than the mdl, but less than the reporting limit.
U Not detected.

PDA VOC DATA
SOIL SAMPLES

Sample ID Test Type Sample Date Analytical Method			SB-F1 (0.5-6.0) Reanalysis 7/30/2003 SW8260	SB-F2 (0-0.5) Initial 7/29/2003 SW8260	SB-F2 (0.5-6.0) Initial 7/29/2003 SW8260	SB-F2 (0.5-6.0) Reanalysis 7/29/2003 SW8260	SB-F3 (0-0.5) Initial 7/29/2003 SW8260
Chemical Name	**CAS No**	**Unit**					
1,1,1-Trichloroethane	71-55-6	ug/kg	210 U (110)	6.8 U (0.54)	4.7 U (0.54)	190 U (110)	5.4 U (0.54)
1,1,2,2-TETRACHLOROETHANE	79-34-5	ug/kg	210 U (79)	6.8 U (0.57)	4.7 U (0.57)	190 U (79)	5.4 U (0.57)
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/kg	210 U (100)	6.8 U (0.46)	4.7 U (0.46)	190 U (100)	5.4 U (0.46)
1,1,2-TRICHLOROETHANE	79-00-5	ug/kg	210 U (41)	6.8 U (0.97)	4.7 U (0.97)	190 U (41)	5.4 U (0.97)
1,1-DICHLOROETHANE	75-34-3	ug/kg	210 U (35)	6.8 U (0.8)	4.7 U (0.8)	190 U (35)	5.4 U (0.8)
1,1-DICHLOROETHYLENE	75-35-4	ug/kg	210 U (82)	6.8 U (0.58)	4.7 U (0.58)	190 U (82)	5.4 U (0.58)
1,2,3-TRICHLOROBENZENE	87-61-6	ug/kg	43 J (100)	6.8 U (3.4)	4.7 U (3.4)	66 DJ (100)	5.4 U (3.4)
1,2,4-TRICHLOROBENZENE	120-82-1	ug/kg	200 J (94)	6.8 U (0.44)	4.7 U (0.44)	220 D (94)	5.4 U (0.44)
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	96-12-8	ug/kg	410 U (95)	14 U (0.86)	9.4 U (0.86)	380 U (95)	11 U (0.86)
1,2-Dibromoethane (EDB)	106-93-4	ug/kg	210 U (84)	6.8 U (0.57)	4.7 U (0.57)	41 DJ (84)	5.4 U (0.57)
1,2-DICHLOROBENZENE	95-50-1	ug/kg	210 U (46)	6.8 U (1.1)	4.7 U (1.1)	110 DJ (46)	5.4 U (1.1)
1,2-DICHLOROETHANE	107-06-2	ug/kg	210 U (100)	6.8 U (0.66)	4.7 U (0.66)	190 U (100)	5.4 U (0.66)
1,2-Dichloropropane	78-87-5	ug/kg	210 U (96)	6.8 U (0.65)	4.7 U (0.65)	190 U (96)	5.4 U (0.65)
1,4-DICHLOROBENZENE	106-46-7	ug/kg	210 U (60)	6.8 U (0.54)	4.7 U (0.54)	120 DJ (60)	5.4 U (0.54)
2-Butanone (MEK)	78-93-3	ug/kg	1000 U (170)	36 (0.28)	23 U (0.28)	950 U (170)	20 J (0.28)
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/kg	1000 U (140)	34 U (0.38)	23 U (0.38)	950 U (140)	4.4 J (0.38)
ACETONE	67-64-1	ug/kg	1200 JB (510)	450 (5)	66 (5)	850 DJB (510)	270 (5)
BENZENE	71-43-2	ug/kg	250 (46)	4 J (0.38)	1200 E (0.38)	2600 D (46)	16 (0.38)
BROMODICHLOROMETHANE	75-27-4	ug/kg	210 U (86)	6.8 U (0.31)	4.7 U (0.31)	190 U (86)	5.4 U (0.31)
BROMOMETHANE	74-83-9	ug/kg	210 U (100)	6.8 U (0.57)	4.7 U (0.57)	190 U (100)	5.4 U (0.57)
CARBON DISULFIDE	75-15-0	ug/kg	210 U (78)	5.6 J (0.4)	3.7 J (0.4)	89 DJ (78)	5.4 J (0.4)
CARBON TETRACHLORIDE	56-23-5	ug/kg	210 U (120)	6.8 U (0.35)	4.7 U (0.35)	190 U (120)	5.4 U (0.35)
CHLOROBENZENE	108-90-7	ug/kg	210 U (62)	6.8 U (0.74)	79 (0.74)	290 D (62)	5.9 (0.74)
CHLOROBROMOMETHANE	74-97-5	ug/kg	410 U (98)	6.8 U (0.51)	4.7 U (0.51)	380 U (98)	5.4 U (0.51)
CHLORODIBROMOMETHANE	124-48-1	ug/kg	210 U (66)	6.8 U (0.39)	4.7 U (0.39)	190 U (66)	5.4 U (0.39)
CHLOROETHANE	75-00-3	ug/kg	210 U (100)	6.8 U (0.57)	4.7 U (0.57)	190 U (100)	5.4 U (0.57)
CHLOROFORM	67-66-3	ug/kg	210 U (39)	6.8 U (0.44)	4.7 U (0.44)	190 U (39)	5.4 U (0.44)
CHLOROMETHANE	74-87-3	ug/kg	74 J (100)	14 U (1.4)	9.4 U (1.4)	76 DJ (100)	11 U (1.4)

B Analyte detected in the associated method blank.
D Diluted sample.
E Concentration exceeded the upper calibration limit.
J Estimated value greater than the mdl, but less than the reporting limit.
U Not detected.

PDA VOC DATA
SOIL SAMPLES

Sample ID Test Type Sample Date Analytical Method			SB-F1 (0.5-6.0) Reanalysis 7/30/2003 SW8260	SB-F2 (0-0.5) Initial 7/29/2003 SW8260	SB-F2 (0.5-6.0) Initial 7/29/2003 SW8260	SB-F2 (0.5-6.0) Reanalysis 7/29/2003 SW8260	SB-F3 (0-0.5) Initial 7/29/2003 SW8260
Chemical Name	**CAS No**	**Unit**					
cis-1,2-Dichloroethene	156-59-2	ug/kg	3800 (58)	9.8 (0.39)	300 E (0.39)	470 D (58)	42 (0.39)
cis-1,3-Dichloropropene	10061-01-5	ug/kg	210 U (100)	6.8 U (0.7)	4.7 U (0.7)	190 U (100)	5.4 U (0.7)
CYCLOHEXANE	110-82-7	ug/kg	410 U (200)	4.9 J (0.8)	12 (0.8)	37 DJ (200)	4.2 J (0.8)
Dichlorodifluoromethane	75-71-8	ug/kg	210 U (60)	6.8 U (2.2)	4.7 U (2.2)	190 U (60)	5.4 U (2.2)
DICHLOROMETHANE	75-09-2	ug/kg	210 U (51)	0.98 JB (0.54)	4.7 U (0.54)	190 U (51)	0.99 JB (0.54)
ETHYLBENZENE	100-41-4	ug/kg	76 J (50)	5.5 J (0.3)	98 B (0.3)	390 D (50)	11 (0.3)
Isopropylbenzene	98-82-8	ug/kg	210 U (55)	6.8 U (3.8)	15 (3.8)	190 U (55)	5.4 U (3.8)
M-DICHLOROBENZENE	541-73-1	ug/kg	210 U (51)	6.8 U (0.39)	4.7 U (0.39)	110 DJ (51)	5.4 U (0.39)
METHYL ACETATE	79-20-9	ug/kg	500 (200)	14 U (1.6)	9.4 U (1.6)	530 D (200)	11 U (1.6)
METHYL N-BUTYL KETONE	591-78-6	ug/kg	1000 U (500)	34 U (0.43)	23 U (0.43)	950 U (500)	27 U (0.43)
Methyl t-butyl ether (MTBE)	1634-04-4	ug/kg	2100 U (96)	68 U (0.47)	2.8 J (0.47)	1900 U (96)	54 U (0.47)
METHYLCYLOHEXANE	108-87-2	ug/kg	65 J (200)	7.2 J (0.48)	53 (0.48)	140 DJ (200)	6 J (0.48)
STYRENE (MONOMER)	100-42-5	ug/kg	210 U (130)	6.8 U (0.53)	4.7 U (0.53)	190 U (130)	5.4 U (0.53)
Tetrachloroethene	127-18-4	ug/kg	210 U (89)	6.8 U (0.98)	4.7 U (0.98)	100 DJ (89)	1.5 J (0.98)
TOLUENE (METHYL BENZENE)	108-88-3	ug/kg	210 U (63)	9.4 (0.65)	9 B (0.65)	90 DJ (63)	17 (0.65)
trans-1,2-Dichloroethene	156-60-5	ug/kg	210 U (52)	1.4 J (0.8)	4.7 (0.8)	190 U (52)	2 J (0.8)
trans-1,3-Dichloropropene	10061-02-6	ug/kg	210 U (59)	6.8 U (1)	4.7 U (1)	190 U (59)	5.4 U (1)
TRIBOMOMETHANE	75-25-2	ug/kg	210 U (45)	6.8 U (0.68)	4.7 U (0.68)	190 U (45)	5.4 U (0.68)
TRICHLOROETHYLENE	79-01-6	ug/kg	610 (100)	17 (0.77)	0.88 J (0.77)	110 DJ (100)	250 E (0.77)
Trichlorofluoromethane	75-69-4	ug/kg	210 U (54)	6.8 U (2)	4.7 U (2)	190 U (54)	5.4 U (2)
Vinyl chloride	75-01-4	ug/kg	210 U (100)	6.8 U (1.5)	27 (1.5)	190 U (100)	8.5 (1.5)
Xylenes, Total	1330-20-7	ug/kg	250 J (140)	23 (0.97)	28 (0.97)	410 D (140)	42 (0.97)

B Analyte detected in the associated method blank.
D Diluted sample.
E Concentration exceeded the upper calibration limit.
J Estimated value greater than the mdl, but less than the reporting limit.
U Not detected.

PDA VOC DATA
SOIL SAMPLES

Sample ID Test Type Sample Date Analytical Method			SB-F3 (0-0.5) Reanalysis 7/29/2003 SW8260	SB-F3 (0.5-6.0) Initial 7/29/2003 SW8260
Chemical Name	**CAS No**	**Unit**		
1,1,1-Trichloroethane	71-55-6	ug/kg	220 U (110)	180 U (110)
1,1,2,2-TETRACHLOROETHANE	79-34-5	ug/kg	220 U (79)	180 U (79)
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/kg	220 U (100)	180 U (100)
1,1,2-TRICHLOROETHANE	79-00-5	ug/kg	220 U (41)	180 U (41)
1,1-DICHLOROETHANE	75-34-3	ug/kg	220 U (35)	180 U (35)
1,1-DICHLOROETHYLENE	75-35-4	ug/kg	220 U (82)	180 U (82)
1,2,3-TRICHLOROBENZENE	87-61-6	ug/kg	55 DJ (100)	180 U (100)
1,2,4-TRICHLOROBENZENE	120-82-1	ug/kg	61 DJ (94)	66 J (94)
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	96-12-8	ug/kg	440 U (95)	370 U (95)
1,2-Dibromoethane (EDB)	106-93-4	ug/kg	220 U (84)	180 U (84)
1,2-DICHLOROBENZENE	95-50-1	ug/kg	220 U (46)	180 U (46)
1,2-DICHLOROETHANE	107-06-2	ug/kg	220 U (100)	180 U (100)
1,2-Dichloropropane	78-87-5	ug/kg	220 U (96)	180 U (96)
1,4-DICHLOROBENZENE	106-46-7	ug/kg	220 U (60)	180 U (60)
2-Butanone (MEK)	78-93-3	ug/kg	1100 U (170)	920 U (170)
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/kg	1100 U (140)	920 U (140)
ACETONE	67-64-1	ug/kg	1500 DJB (510)	660 JB (510)
BENZENE	71-43-2	ug/kg	220 U (46)	3400 (46)
BROMODICHLOROMETHANE	75-27-4	ug/kg	220 U (86)	180 U (86)
BROMOMETHANE	74-83-9	ug/kg	220 U (100)	370 U (100)
CARBON DISULFIDE	75-15-0	ug/kg	180 DJ (78)	72 J (78)
CARBON TETRACHLORIDE	56-23-5	ug/kg	220 U (120)	180 U (120)
CHLOROBENZENE	108-90-7	ug/kg	96 DJ (62)	71 J (62)
CHLOROBROMOMETHANE	74-97-5	ug/kg	440 U (98)	370 U (98)
CHLORODIBROMOMETHANE	124-48-1	ug/kg	220 U (66)	180 U (66)
CHLOROETHANE	75-00-3	ug/kg	220 U (100)	370 U (100)
CHLOROFORM	67-66-3	ug/kg	220 U (39)	180 U (39)
CHLOROMETHANE	74-87-3	ug/kg	440 U (100)	370 U (100)

B Analyte detected in the associated method blank.
D Diluted sample.
E Concentration exceeded the upper calibration limit.
J Estimated value greater than the mdl, but less than the reporting limit.
U Not detected.

PDA VOC DATA
SOIL SAMPLES

Sample ID Test Type Sample Date Analytical Method			SB-F3 (0-0.5) Reanalysis 7/29/2003 SW8260	SB-F3 (0.5-6.0) Initial 7/29/2003 SW8260
Chemical Name	**CAS No**	**Unit**		
cis-1,2-Dichloroethene	156-59-2	ug/kg	310 D (58)	14000 (58)
cis-1,3-Dichloropropene	10061-01-5	ug/kg	220 U (100)	180 U (100)
CYCLOHEXANE	110-82-7	ug/kg	440 U (200)	180 U (200)
Dichlorodifluoromethane	75-71-8	ug/kg	220 U (60)	180 U (60)
DICHLOROMETHANE	75-09-2	ug/kg	220 U (51)	180 U (51)
ETHYLBENZENE	100-41-4	ug/kg	68 DJ (50)	19000 (50)
Isopropylbenzene	98-82-8	ug/kg	220 U (55)	2200 (55)
M-DICHLOROBENZENE	541-73-1	ug/kg	220 U (51)	180 U (51)
METHYL ACETATE	79-20-9	ug/kg	660 D (200)	180 U (200)
METHYL N-BUTYL KETONE	591-78-6	ug/kg	1100 U (500)	920 U (500)
Methyl t-butyl ether (MTBE)	1634-04-4	ug/kg	2200 U (96)	1800 U (96)
METHYLCYLOHEXANE	108-87-2	ug/kg	99 DJ (200)	150 J (200)
STYRENE (MONOMER)	100-42-5	ug/kg	220 U (130)	180 U (130)
Tetrachloroethene	127-18-4	ug/kg	220 U (89)	250 (89)
TOLUENE (METHYL BENZENE)	108-88-3	ug/kg	160 DJ (63)	160 J (63)
trans-1,2-Dichloroethene	156-60-5	ug/kg	220 U (52)	80 J (52)
trans-1,3-Dichloropropene	10061-02-6	ug/kg	220 U (59)	180 U (59)
TRIBOMOMETHANE	75-25-2	ug/kg	220 U (45)	180 U (45)
TRICHLOROETHYLENE	79-01-6	ug/kg	2600 D (100)	200 (100)
Trichlorofluoromethane	75-69-4	ug/kg	220 U (54)	180 U (54)
Vinyl chloride	75-01-4	ug/kg	220 U (100)	370 U (100)
Xylenes, Total	1330-20-7	ug/kg	300 DJ (140)	36000 (140)

B Analyte detected in the associated method blank.
D Diluted sample.
E Concentration exceeded the upper calibration limit.
J Estimated value greater than the mdl, but less than the reporting limit.
U Not detected.

PDA VOC DATA
WASTE SAMPLES

Sample ID Test Type Sample Date Analytical Method			SB-B2W (0.5-6.0) Initial 7/31/2003 SW8260	SB-B2W (0.5-6.0) Reanalysis 7/31/2003 SW8260	SB-C3W (0.5-6.0) Initial 7/30/2003 SW8260	SB-TPI Initial 7/31/2003 SW8260	SB-TPI Reanalysis 7/31/2003 SW8260	SB-WFD Initial 8/1/2003 SW8260
Chemical Name	**CAS No**	**Unit**						
1,1,1-Trichloroethane	71-55-6	ug/kg	6.2 U (0.54)	270 U (110)	6.8 U (0.54)	5.7 U (0.54)	240 U (110)	6.2 U (0.54)
1,1,2,2-TETRACHLOROETHANE	79-34-5	ug/kg	6.2 U (0.57)	270 U (79)	6.8 U (0.57)	5.7 U (0.57)	240 U (79)	6.2 U (0.57)
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/kg	6.2 U (0.46)	270 U (100)	6.8 U (0.46)	5.7 U (0.46)	240 U (100)	6.2 U (0.46)
1,1,2-TRICHLOROETHANE	79-00-5	ug/kg	6.2 U (0.97)	270 U (41)	6.8 U (0.97)	5.7 U (0.97)	240 U (41)	6.2 U (0.97)
1,1-DICHLOROETHANE	75-34-3	ug/kg	6.2 U (0.8)	270 U (35)	6.8 U (0.8)	5.7 U (0.8)	240 U (35)	6.2 U (0.8)
1,1-DICHLOROETHYLENE	75-35-4	ug/kg	6.2 U (0.58)	270 U (82)	6.8 U (0.58)	5.7 U (0.58)	240 U (82)	6.2 U (0.58)
1,2,3-TRICHLOROBENZENE	87-61-6	ug/kg	6.2 U (3.4)	270 U (100)	1.7 J (3.4)	5.7 U (3.4)	240 U (100)	6.2 U (3.4)
1,2,4-TRICHLOROBENZENE	120-82-1	ug/kg	10 (0.44)	77 DJ (100)	24 B (0.44)	5.8 (0.44)	240 U (100)	9.2 (0.44)
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	96-12-8	ug/kg	12 U (0.86)	540 U (95)	14 U (0.86)	11 U (0.86)	480 U (95)	12 U (0.86)
1,2-Dibromoethane (EDB)	106-93-4	ug/kg	6.2 U (0.57)	270 U (84)	6.8 U (0.57)	5.7 U (0.57)	240 U (84)	6.2 U (0.57)
1,2-DICHLOROBENZENE	95-50-1	ug/kg	6.2 U (1.1)	270 U (46)	6.8 U (1.1)	5.7 U (1.1)	240 U (46)	6.2 U (1.1)
1,2-DICHLOROETHANE	107-06-2	ug/kg	6.2 U (0.66)	270 U (100)	6.8 U (0.66)	5.7 U (0.66)	240 U (100)	6.2 U (0.66)
1,2-Dichloropropane	78-87-5	ug/kg	6.2 U (0.65)	270 U (96)	6.8 U (0.65)	5.7 U (0.65)	240 U (96)	6.2 U (0.65)
1,4-DICHLOROBENZENE	106-46-7	ug/kg	2.9 J (0.54)	270 U (60)	6.8 U (0.54)	3.1 J (0.54)	240 U (60)	9.8 (0.54)
2-Butanone (MEK)	78-93-3	ug/kg	56 B (0.28)	1400 U (170)	66 (0.28)	47 B (0.28)	1200 U (170)	6.1 BJ (0.28)
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/kg	31 U (0.38)	1400 U (140)	14 J (0.38)	110 B (0.38)	1200 U (140)	6.5 BJ (0.38)
ACETONE	67-64-1	ug/kg	1300 BE (5)	2000 DJ (510)	340 (5)	1800 BE (5)	1300 DJ (510)	58 BJ (5)
BENZENE	71-43-2	ug/kg	7.4 (0.38)	270 U (46)	1.5 J (0.38)	13 (0.38)	240 U (46)	6.2 U (0.38)
BROMODICHLOROMETHANE	75-27-4	ug/kg	6.2 U (0.31)	270 U (86)	6.8 U (0.31)	5.7 U (0.31)	240 U (86)	6.2 U (0.31)
BROMOMETHANE	74-83-9	ug/kg	6.2 U (0.57)	270 U (100)	6.8 U (0.57)	5.7 U (0.57)	240 U (100)	6.2 U (0.57)
CARBON DISULFIDE	75-15-0	ug/kg	200 (0.4)	270 U (78)	1.9 J (0.4)	13 (0.4)	240 U (78)	1.6 J (0.4)
CARBON TETRACHLORIDE	56-23-5	ug/kg	6.2 U (0.35)	270 U (120)	6.8 U (0.35)	5.7 U (0.35)	240 U (120)	6.2 U (0.35)
CHLOROBENZENE	108-90-7	ug/kg	6.2 J (0.74)	270 U (62)	6.8 U (0.74)	21 (0.74)	240 U (62)	6.2 U (0.74)
CHLOROBROMOMETHANE	74-97-5	ug/kg	6.2 U (0.51)	270 U (98)	6.8 U (0.51)	5.7 U (0.51)	240 U (98)	6.2 U (0.51)
CHLORODIBROMOMETHANE	124-48-1	ug/kg	6.2 U (0.39)	270 U (66)	6.8 U (0.39)	5.7 U (0.39)	240 U (66)	6.2 U (0.39)
CHLOROETHANE	75-00-3	ug/kg	6.2 U (0.57)	270 U (100)	6.8 U (0.57)	5.7 U (0.57)	240 U (100)	6.2 U (0.57)
CHLOROFORM	67-66-3	ug/kg	6.2 U (0.44)	270 U (39)	6.8 U (0.44)	0.83 J (0.44)	240 U (39)	6.2 U (0.44)
CHLOROMETHANE	74-87-3	ug/kg	6.2 U (1.4)	270 U (100)	6.8 U (1.4)	5.7 U (1.4)	240 U (100)	6.2 U (1.4)
cis-1,2-Dichloroethene	156-59-2	ug/kg	6.2 U (0.39)	270 U (58)	6.8 U (0.39)	340 E (0.39)	240 D (58)	6.2 U (0.39)
cis-1,3-Dichloropropene	10061-01-5	ug/kg	6.2 U (0.7)	270 U (100)	6.8 U (0.7)	5.7 U (0.7)	240 U (100)	6.2 U (0.7)
CYCLOHEXANE	110-82-7	ug/kg	1.6 J (0.8)	540 U (200)	14 U (0.8)	2 J (0.8)	480 U (200)	0.42 J (0.8)
Dichlorodifluoromethane	75-71-8	ug/kg	6.2 U (2.2)	270 U (60)	6.8 U (2.2)	5.7 U (2.2)	240 U (60)	6.2 U (2.2)
DICHLOROMETHANE	75-09-2	ug/kg	0.84 BJ (0.54)	270 U (51)	6.8 U (0.54)	1.2 BJ (0.54)	240 U (51)	1.2 BJ (0.54)
ETHYLBENZENE	100-41-4	ug/kg	6.6 B (0.3)	270 U (50)	6 J (0.3)	480 BE (0.3)	570 D (50)	1.7 BJ (0.3)
Isopropylbenzene	98-82-8	ug/kg	6.2 U (3.8)	270 U (55)	6.8 U (3.8)	280 E (3.8)	500 D (55)	6.2 U (3.8)

B Analyte detected in the associated method blank.
D Diluted sample.
E Concentration exceeded the upper calibration limit.
J Estimated value greater than the mdl, but less than the reporting limit.
U Not detected.

PDA VOC DATA
WASTE SAMPLES

Sample ID Test Type Sample Date Analytical Method			SB-B2W (0.5-6.0) Initial 7/31/2003 SW8260	SB-B2W (0.5-6.0) Reanalysis 7/31/2003 SW8260	SB-C3W (0.5-6.0) Initial 7/30/2003 SW8260	SB-TPI Initial 7/31/2003 SW8260	SB-TPI Reanalysis 7/31/2003 SW8260	SB-WFD Initial 8/1/2003 SW8260
M-DICHLOROBENZENE	541-73-1	ug/kg	2.9 J (0.39)	270 U (51)	6.8 U (0.39)	3.1 J (0.39)	240 U (51)	5.3 J (0.39)
METHYL ACETATE	79-20-9	ug/kg	12 U (1.6)	540 U (200)	14 U (1.6)	11 U (1.6)	480 U (200)	12 U (1.6)
METHYL N-BUTYL KETONE	591-78-6	ug/kg	24 BJ (0.43)	1400 U (500)	34 U (0.43)	35 B (0.43)	1200 U (500)	31 U (0.43)
Methyl t-butyl ether (MTBE)	1634-04-4	ug/kg	62 U (0.47)	2700 U (96)	68 U (0.47)	57 U (0.47)	2400 U (96)	62 U (0.47)
METHYLCYLOHEXANE	108-87-2	ug/kg	2.1 J (0.48)	540 U (200)	0.98 J (0.48)	12 (0.48)	480 U (200)	1.6 BJ (0.48)
STYRENE (MONOMER)	100-42-5	ug/kg	5 J (0.53)	270 U (130)	0.81 J (0.53)	35 (0.53)	240 U (130)	0.85 J (0.53)
Tetrachloroethene	127-18-4	ug/kg	6.2 U (0.98)	270 U (89)	6.8 U (0.98)	6.2 (0.98)	240 U (89)	6.2 U (0.98)
TOLUENE (METHYL BENZENE)	108-88-3	ug/kg	9.1 B (0.65)	270 U (63)	2 J (0.65)	110 B (0.65)	120 DJ (63)	4.3 BJ (0.65)
trans-1,2-Dichloroethene	156-60-5	ug/kg	6.2 U (0.8)	270 U (52)	6.8 U (0.8)	1.1 J (0.8)	240 U (52)	6.2 U (0.8)
trans-1,3-Dichloropropene	10061-02-6	ug/kg	6.2 U (1)	270 U (59)	6.8 U (1)	5.7 U (1)	240 U (59)	6.2 U (1)
TRIBOMOMETHANE	75-25-2	ug/kg	6.2 U (0.68)	270 U (45)	6.8 U (0.68)	5.7 U (0.68)	240 U (45)	6.2 U (0.68)
TRICHLOROETHYLENE	79-01-6	ug/kg	43 (0.77)	270 U (100)	2.9 J (0.77)	9000 E (0.77)	23000 D (100)	1.2 J (0.77)
Trichlorofluoromethane	75-69-4	ug/kg	6.2 U (2)	270 U (54)	6.8 U (2)	5.7 U (2)	240 U (54)	6.2 U (2)
Vinyl chloride	75-01-4	ug/kg	6.2 U (1.5)	270 U (100)	6.8 U (1.5)	5.7 U (1.5)	240 U (100)	6.2 U (1.5)
Xylenes, Total	1330-20-7	ug/kg	18 (0.97)	540 U (140)	9.8 J (0.97)	1700 E (0.97)	2000 D (140)	5.4 J (0.97)

B Analyte detected in the associated method blank.
D Diluted sample.
E Concentration exceeded the upper calibration limit.
J Estimated value greater than the mdl, but less than the reporting limit.
U Not detected.

PDA VOC DATA
TCLP/SPLP SAMPLES

Sample ID Test Type Sample Date Analytical Method			SB-B2W (0.5-6.0) (TCLP) Initial 7/31/2003 SW8260	SB-B2W (0.5-6.0) (SPLP) Initial 7/31/2003 SW8260	SB-C3W (0.5-6.0) (TCLP) Initial 7/30/2003 SW8260
Chemical Name	**CAS No**	**Unit**			
1,1,1-Trichloroethane	71-55-6	ug/l	10 U (0.065)	1 U (0.065)	10 U (0.065)
1,1,2,2-TETRACHLOROETHANE	79-34-5	ug/l	10 U (0.17)	1 U (0.17)	10 U (0.17)
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/l	10 U (0.067)	1 U (0.067)	10 U (0.067)
1,1,2-TRICHLOROETHANE	79-00-5	ug/l	10 U (0.11)	1 U (0.11)	10 U (0.11)
1,1-DICHLOROETHANE	75-34-3	ug/l	10 U (0.12)	1 U (0.12)	10 U (0.12)
1,1-DICHLOROETHYLENE	75-35-4	ug/l	10 U (0.31)	1 U (0.31)	10 U (0.31)
1,2,3-TRICHLOROBENZENE	87-61-6	ug/l	10 U (0.27)	1 U (0.27)	10 U (0.27)
1,2,4-TRICHLOROBENZENE	120-82-1	ug/l	10 U (0.068)	1 U (0.44)	10 U (0.068)
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	96-12-8	ug/l	10 U (0.22)	1 U (0.22)	10 U (0.22)
1,2-Dibromoethane (EDB)	106-93-4	ug/l	10 U (0.083)	1 U (0.083)	10 U (0.083)
1,2-DICHLOROBENZENE	95-50-1	ug/l	10 U (0.21)	1 U (0.21)	10 U (0.21)
1,2-DICHLOROETHANE	107-06-2	ug/l	10 U (0.18)	1 U (0.18)	10 U (0.18)
1,2-Dichloropropane	78-87-5	ug/l	10 U (0.17)	1 U (0.17)	10 U (0.17)
1,4-DICHLOROBENZENE	106-46-7	ug/l	10 U (0.11)	1 U (0.11)	10 U (0.11)
2-Butanone (MEK)	78-93-3	ug/l	100 U (0.48)	6.3 J (0.48)	100 U (0.48)
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/l	100 U (0.27)	10 U (0.27)	100 U (0.27)
ACETONE	67-64-1	ug/l	57 J (2.3)	36 (2.3)	50 J (2.3)
BENZENE	71-43-2	ug/l	10 U (0.096)	0.28 J (0.096)	10 U (0.096)
BROMODICHLOROMETHANE	75-27-4	ug/l	10 U (0.18)	1 U (0.18)	10 U (0.18)
BROMOMETHANE	74-83-9	ug/l	10 U (0.49)	1 U (0.49)	10 U (0.49)
CARBON DISULFIDE	75-15-0	ug/l	25 (0.72)	1.1 (0.72)	10 U (0.72)
CARBON TETRACHLORIDE	56-23-5	ug/l	10 U (0.15)	1 U (0.15)	10 U (0.15)
CHLOROBENZENE	108-90-7	ug/l	10 U (0.1)	1 U (0.1)	10 U (0.1)
CHLOROBROMOMETHANE	74-97-5	ug/l	10 U (0.16)	1 U (0.16)	10 U (0.16)
CHLORODIBROMOMETHANE	124-48-1	ug/l	10 U (0.078)	1 U (0.078)	10 U (0.078)
CHLOROETHANE	75-00-3	ug/l	10 U (0.86)	1 U (0.86)	10 U (0.86)
CHLOROFORM	67-66-3	ug/l	10 U (0.12)	1 U (0.12)	10 U (0.12)
CHLOROMETHANE	74-87-3	ug/l	10 U (0.4)	1 U (0.4)	10 U (0.4)
cis-1,2-Dichloroethene	156-59-2	ug/l	10 U (0.16)	1 U (0.16)	10 U (0.16)
cis-1,3-Dichloropropene	10061-01-5	ug/l	10 U (0.12)	1 U (0.12)	10 U (0.12)
CYCLOHEXANE	110-82-7	ug/l	100 U (0.15)	10 U (0.8)	100 U (0.15)

J Estimated value greater than the mdl, but less than the reporting limit.
U Not detected.

PDA VOC DATA
TCLP/SPLP SAMPLES

Sample ID Test Type Sample Date Analytical Method			SB-B2W (0.5-6.0) (TCLP) Initial 7/31/2003 SW8260	SB-B2W (0.5-6.0) (SPLP) Initial 7/31/2003 SW8260	SB-C3W (0.5-6.0) (TCLP) Initial 7/30/2003 SW8260
Chemical Name	**CAS No**	**Unit**			
Dichlorodifluoromethane	75-71-8	ug/l	10 U (0.31)	1 U (0.31)	10 U (0.31)
DICHLOROMETHANE	75-09-2	ug/l	50 U (0.61)	5 U (0.61)	50 U (0.61)
ETHYLBENZENE	100-41-4	ug/l	10 U (0.11)	1 U (0.11)	10 U (0.11)
Isopropylbenzene	98-82-8	ug/l	10 U (0.076)	1 U (0.076)	10 U (0.076)
M-DICHLOROBENZENE	541-73-1	ug/l	10 U (0.12)	1 U (0.12)	10 U (0.12)
METHYL ACETATE	79-20-9	ug/l	100 U (0.45)	10 U (1.6)	100 U (0.45)
METHYL N-BUTYL KETONE	591-78-6	ug/l	100 U (0.29)	10 U (0.29)	100 U (0.29)
Methyl t-butyl ether (MTBE)	1634-04-4	ug/l	100 U (0.17)	10 U (0.17)	100 U (0.17)
METHYLCYLOHEXANE	108-87-2	ug/l	100 U (0.24)	10 U (0.48)	100 U (0.24)
STYRENE (MONOMER)	100-42-5	ug/l	10 U (0.05)	0.091 J (0.05)	10 U (0.05)
Tetrachloroethene	127-18-4	ug/l	10 U (0.43)	1 U (0.43)	10 U (0.43)
TOLUENE (METHYL BENZENE)	108-88-3	ug/l	10 U (0.065)	1 U (0.065)	10 U (0.065)
trans-1,2-Dichloroethene	156-60-5	ug/l	10 U (0.36)	1 U (0.36)	10 U (0.36)
trans-1,3-Dichloropropene	10061-02-6	ug/l	10 U (0.15)	1 U (0.15)	10 U (0.15)
TRIBOMOMETHANE	75-25-2	ug/l	10 U (0.19)	1 U (0.19)	10 U (0.19)
TRICHLOROETHYLENE	79-01-6	ug/l	1.7 J (0.13)	1.3 (0.13)	10 U (0.13)
Trichlorofluoromethane	75-69-4	ug/l	10 U (0.27)	1 U (0.27)	10 U (0.27)
Vinyl chloride	75-01-4	ug/l	10 U (0.13)	1 U (0.13)	10 U (0.13)
Xylenes, Total	1330-20-7	ug/l	2.6 J (0.28)	0.69 J (0.28)	20 U (0.28)

J Estimated value greater than the mdl, but less than the reporting limit.
U Not detected.

PDA VOC DATA
TCLP/SPLP SAMPLES

Sample ID Test Type Sample Date Analytical Method			SB-C3W (0.5-6.0) (SPLP) Initial 7/30/2003 SW8260	SB-TPI (TCLP) Initial 7/31/2003 SW8260	SB-TPI (SPLP) Initial 7/31/2003 SW8260	SB-WFD (TCLP) Initial 8/1/2003 SW8260	SB-WFD (SPLP) Initial 8/1/2003 SW8260
Chemical Name	**CAS No**	**Unit**					
1,1,1-Trichloroethane	71-55-6	ug/l	1 U (0.065)	10 U (0.065)	6.2 (0.065)	10 U (0.065)	1 U (0.065)
1,1,2,2-TETRACHLOROETHANE	79-34-5	ug/l	1 U (0.17)	10 U (0.17)	1 U (0.17)	10 U (0.17)	1 U (0.17)
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/l	1 U (0.067)	10 U (0.067)	1 U (0.067)	10 U (0.067)	1 U (0.067)
1,1,2-TRICHLOROETHANE	79-00-5	ug/l	1 U (0.11)	10 U (0.11)	1 U (0.11)	10 U (0.11)	1 U (0.11)
1,1-DICHLOROETHANE	75-34-3	ug/l	1 U (0.12)	10 U (0.12)	1 U (0.12)	10 U (0.12)	1 U (0.12)
1,1-DICHLOROETHYLENE	75-35-4	ug/l	1 U (0.31)	10 U (0.31)	1 U (0.31)	10 U (0.31)	1 U (0.31)
1,2,3-TRICHLOROBENZENE	87-61-6	ug/l	1 U (0.27)	10 U (0.27)	1 U (0.27)	10 U (0.27)	1 U (0.27)
1,2,4-TRICHLOROBENZENE	120-82-1	ug/l	1 U (0.44)	10 U (0.068)	1 U (0.44)	10 U (0.068)	1 U (0.44)
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	96-12-8	ug/l	1 U (0.22)	10 U (0.22)	1 U (0.22)	10 U (0.22)	1 U (0.22)
1,2-Dibromoethane (EDB)	106-93-4	ug/l	1 U (0.083)	10 U (0.083)	1 U (0.083)	10 U (0.083)	1 U (0.083)
1,2-DICHLOROBENZENE	95-50-1	ug/l	1 U (0.21)	10 U (0.21)	1 U (0.21)	10 U (0.21)	1 U (0.21)
1,2-DICHLOROETHANE	107-06-2	ug/l	1 U (0.18)	10 U (0.18)	1 U (0.18)	10 U (0.18)	1 U (0.18)
1,2-Dichloropropane	78-87-5	ug/l	1 U (0.17)	10 U (0.17)	1 U (0.17)	10 U (0.17)	1 U (0.17)
1,4-DICHLOROBENZENE	106-46-7	ug/l	1 U (0.11)	10 U (0.11)	1 U (0.11)	10 U (0.11)	1 U (0.11)
2-Butanone (MEK)	78-93-3	ug/l	9.6 J (0.48)	100 U (0.48)	9.3 J (0.48)	100 U (0.48)	2.7 J (0.48)
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/l	10 U (0.27)	100 U (0.27)	13 (0.27)	100 U (0.27)	10 U (0.27)
ACETONE	67-64-1	ug/l	20 J (2.3)	72 J (2.3)	160 (2.3)	37 J (2.3)	9.2 J (2.3)
BENZENE	71-43-2	ug/l	0.1 J (0.096)	10 U (0.096)	0.28 J (0.096)	10 U (0.096)	1 U (0.096)
BROMODICHLOROMETHANE	75-27-4	ug/l	1 U (0.18)	10 U (0.18)	1 U (0.18)	10 U (0.18)	1 U (0.18)
BROMOMETHANE	74-83-9	ug/l	1 U (0.49)	10 U (0.49)	1 U (0.49)	10 U (0.49)	1 U (0.49)
CARBON DISULFIDE	75-15-0	ug/l	1 U (0.72)	10 U (0.72)	1.7 (0.72)	10 U (0.72)	1 U (0.72)
CARBON TETRACHLORIDE	56-23-5	ug/l	1 U (0.15)	10 U (0.15)	1 U (0.15)	10 U (0.15)	1 U (0.15)
CHLOROBENZENE	108-90-7	ug/l	1.3 (0.1)	18 (0.1)	1.4 (0.1)	13 (0.1)	10 (0.1)
CHLOROBROMOMETHANE	74-97-5	ug/l	1 U (0.16)	10 U (0.16)	1 U (0.16)	10 U (0.16)	1 U (0.16)
CHLORODIBROMOMETHANE	124-48-1	ug/l	1 U (0.078)	10 U (0.078)	1 U (0.078)	10 U (0.078)	1 U (0.078)
CHLOROETHANE	75-00-3	ug/l	1 U (0.86)	10 U (0.86)	1 U (0.86)	10 U (0.86)	1 U (0.86)
CHLOROFORM	67-66-3	ug/l	1 U (0.12)	10 U (0.12)	1 U (0.12)	10 U (0.12)	1 U (0.12)
CHLOROMETHANE	74-87-3	ug/l	1 U (0.4)	10 U (0.4)	1 U (0.4)	10 U (0.4)	1 U (0.4)
cis-1,2-Dichloroethene	156-59-2	ug/l	1 U (0.16)	84 (0.16)	36 (0.16)	10 U (0.16)	1 U (0.16)
cis-1,3-Dichloropropene	10061-01-5	ug/l	1 U (0.12)	10 U (0.12)	1 U (0.12)	10 U (0.12)	1 U (0.12)
CYCLOHEXANE	110-82-7	ug/l	10 U (0.8)	100 U (0.15)	10 U (0.8)	100 U (0.15)	10 U (0.8)

J Estimated value greater than the mdl, but less than the reporting limit.
U Not detected.

PDA VOC DATA
TCLP/SPLP SAMPLES

Sample ID Test Type Sample Date Analytical Method			SB-C3W (0.5-6.0) (SPLP) Initial 7/30/2003 SW8260	SB-TPI (TCLP) Initial 7/31/2003 SW8260	SB-TPI (SPLP) Initial 7/31/2003 SW8260	SB-WFD (TCLP) Initial 8/1/2003 SW8260	SB-WFD (SPLP) Initial 8/1/2003 SW8260
Chemical Name	**CAS No**	**Unit**					
Dichlorodifluoromethane	75-71-8	ug/l	1 U (0.31)	10 U (0.31)	1 U (0.31)	10 U (0.31)	1 U (0.31)
DICHLOROMETHANE	75-09-2	ug/l	0.7 J (0.61)	50 U (0.61)	3.1 J (0.61)	50 U (0.61)	5 U (0.61)
ETHYLBENZENE	100-41-4	ug/l	1 U (0.11)	9.9 J (0.11)	2.1 (0.11)	2 J (0.11)	0.66 J (0.11)
Isopropylbenzene	98-82-8	ug/l	1 U (0.076)	10 U (0.076)	1 U (0.076)	10 U (0.076)	1 U (0.076)
M-DICHLOROBENZENE	541-73-1	ug/l	1 U (0.12)	10 U (0.12)	1 U (0.12)	10 U (0.12)	1 U (0.12)
METHYL ACETATE	79-20-9	ug/l	10 U (1.6)	100 U (0.45)	10 U (1.6)	100 U (0.45)	10 U (1.6)
METHYL N-BUTYL KETONE	591-78-6	ug/l	10 U (0.29)	100 U (0.29)	10 U (0.29)	100 U (0.29)	10 U (0.29)
Methyl t-butyl ether (MTBE)	1634-04-4	ug/l	10 U (0.17)	100 U (0.17)	10 U (0.17)	100 U (0.17)	10 U (0.17)
METHYLCYLOHEXANE	108-87-2	ug/l	10 U (0.48)	100 U (0.24)	10 U (0.48)	100 U (0.24)	10 U (0.48)
STYRENE (MONOMER)	100-42-5	ug/l	1 U (0.05)	10 U (0.05)	1 U (0.05)	10 U (0.05)	1 U (0.05)
Tetrachloroethene	127-18-4	ug/l	1 U (0.43)	10 U (0.43)	1 U (0.43)	10 U (0.43)	1 U (0.43)
TOLUENE (METHYL BENZENE)	108-88-3	ug/l	0.51 J (0.065)	6.4 J (0.065)	5.2 (0.065)	10 U (0.065)	1.1 (0.065)
trans-1,2-Dichloroethene	156-60-5	ug/l	1 U (0.36)	10 U (0.36)	1 U (0.36)	10 U (0.36)	1 U (0.36)
trans-1,3-Dichloropropene	10061-02-6	ug/l	1 U (0.15)	10 U (0.15)	1 U (0.15)	10 U (0.15)	1 U (0.15)
TRIBOMOMETHANE	75-25-2	ug/l	1 U (0.19)	10 U (0.19)	1 U (0.19)	10 U (0.19)	1 U (0.19)
TRICHLOROETHYLENE	79-01-6	ug/l	0.22 J (0.13)	670 (0.13)	140 (0.13)	10 U (0.13)	0.16 J (0.13)
Trichlorofluoromethane	75-69-4	ug/l	1 U (0.27)	10 U (0.27)	1 U (0.27)	10 U (0.27)	1 U (0.27)
Vinyl chloride	75-01-4	ug/l	1 U (0.13)	1.6 J (0.13)	0.47 J (0.13)	10 U (0.13)	1 U (0.13)
Xylenes, Total	1330-20-7	ug/l	0.52 J (0.28)	32 (0.28)	7.1 (0.28)	7.1 J (0.28)	2.5 (0.28)

J Estimated value greater than the mdl, but less than the reporting limit.
U Not detected.

PDA SVOC DATA
SOIL SAMPLES

Sample ID Test Type Sample Date Analytical Method			SB-A3 (0-0.5) Initial 7/31/2003 SW8270	SB-A3 (0.5-6.0) Initial 7/31/2003 SW8270	SB-B2 (0-0.5) Initial 7/31/2003 SW8270	SB-B2 (0.5-6.0) Initial 7/31/2003 SW8270	SB-B2A (0-0.5) Initial 7/31/2003 SW8270	SB-B2A (0.5-6.0) Initial 7/31/2003 SW8270
Chemical Name	**CAS No**	**Unit**						
1,1-Biphenyl	92-52-4	ug/kg	380 U (28)	390 U (28)	370 U (28)	390 U (28)	370 U (28)	380 U (28)
1,2,4,5-TETRACHLOROBENZENE	95-94-3	ug/kg	380 U (21)	43 J (21)	370 U (21)	390 U (21)	370 U (21)	38 J (21)
1,2-BENZPHENANTHRACENE	218-01-9	ug/kg	380 U (31)	390 U (31)	99 J (31)	170 J (31)	110 J (31)	73 J (31)
2,2-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	108-60-1	ug/kg	380 U (32)	390 U (32)	370 U (32)	390 U (32)	370 U (32)	380 U (32)
2,4,5-TRICHLOROPHENOL	95-95-4	ug/kg	380 U (31)	1100 (31)	370 U (31)	120 J (31)	71 J (31)	140 J (31)
2,4,6-Trichlorophenol	88-06-2	ug/kg	380 U (32)	390 U (32)	370 U (32)	390 U (32)	370 U (32)	380 U (32)
2,4-DICHLOROPHENOL	120-83-2	ug/kg	380 U (29)	390 U (29)	370 U (29)	390 U (29)	370 U (29)	380 U (29)
2,4-DIMETHYLPHENOL	105-67-9	ug/kg	380 U (28)	390 U (28)	370 U (28)	390 U (28)	370 U (28)	380 U (28)
2,4-DINITROPHENOL	51-28-5	ug/kg	1900 U (340)	2000 U (340)	1900 U (340)	2000 U (340)	1900 U (340)	2000 U (340)
2,4-DINITROTOLUENE	121-14-2	ug/kg	380 U (22)	390 U (22)	370 U (22)	390 U (22)	370 U (22)	380 U (22)
2,6-DINITROTOLUENE	606-20-2	ug/kg	380 U (29)	390 U (29)	370 U (29)	390 U (29)	370 U (29)	380 U (29)
2-CHLORONAPHTHALENE	91-58-7	ug/kg	380 U (37)	390 U (37)	370 U (37)	390 U (37)	370 U (37)	380 U (37)
2-CHLOROPHENOL	95-57-8	ug/kg	380 U (41)	390 U (41)	370 U (41)	390 U (41)	370 U (41)	380 U (41)
2-METHYLNAPHTHALENE	91-57-6	ug/kg	380 U (29)	390 U (29)	370 U (29)	390 U (29)	370 U (29)	380 U (29)
2-Methylphenol (o-Cresol)	95-48-7	ug/kg	380 U (46)	390 U (46)	370 U (46)	390 U (46)	370 U (46)	380 U (46)
2-NITROANILINE	88-74-4	ug/kg	1900 U (25)	2000 U (25)	1900 U (25)	2000 U (25)	1900 U (25)	2000 U (25)
2-NITROPHENOL	88-75-5	ug/kg	380 U (26)	390 U (26)	370 U (26)	390 U (26)	370 U (26)	380 U (26)
3,3'-DICHLOROBENZIDINE	91-94-1	ug/kg	750 U (26)	780 U (26)	740 U (26)	780 U (26)	740 U (26)	760 U (26)
3,5,5-TRIMETHYL-2-CYCLOHEXENE-1-ONE	78-59-1	ug/kg	380 U (26)	390 U (26)	370 U (26)	390 U (26)	370 U (26)	380 U (26)
3-Methylphenol/4-Methylphenol (m&p-Cresol)	106-44-5	ug/kg	380 U (40)	390 U (40)	370 U (40)	390 U (40)	370 U (40)	380 U (40)
3-NITROANILINE	99-09-2	ug/kg	1900 U (30)	2000 U (30)	1900 U (30)	2000 U (30)	1900 U (30)	2000 U (30)
4,6-Dinitro-2-methylphenol	534-52-1	ug/kg	1900 U (31)	2000 U (31)	1900 U (31)	2000 U (31)	1900 U (31)	2000 U (31)
4-BROMOPHENYL PHENYL ETHER	101-55-3	ug/kg	380 U (30)	390 U (30)	370 U (30)	390 U (30)	370 U (30)	380 U (30)
4-Chloro-3-methylphenol	59-50-7	ug/kg	380 U (40)	390 U (40)	370 U (40)	390 U (40)	370 U (40)	380 U (40)
4-CHLOROPHENYL PHENYL ETHER	7005-72-3	ug/kg	380 U (26)	390 U (26)	370 U (26)	390 U (26)	370 U (26)	380 U (26)
4-NITROPHENOL	100-02-7	ug/kg	1900 U (25)	2000 U (25)	1900 U (25)	2000 U (25)	1900 U (25)	2000 U (25)
Acenaphthene	83-32-9	ug/kg	380 U (34)	390 U (34)	370 U (34)	390 U (34)	370 U (34)	380 U (34)
ACENAPHTHYLENE	208-96-8	ug/kg	380 U (25)	390 U (25)	370 U (25)	390 U (25)	370 U (25)	380 U (25)
ACETOPHENONE	98-86-2	ug/kg	380 U (28)	390 U (28)	370 U (28)	390 U (28)	370 U (28)	380 U (28)
Aniline	62-53-3	ug/kg	380 U (23)	390 U (23)	370 U (23)	74 J (23)	93 J (23)	380 U (23)
ANTHRACENE	120-12-7	ug/kg	380 U (32)	390 U (32)	370 U (32)	77 J (32)	370 U (32)	380 U (32)
ATRAZINE	1912-24-9	ug/kg	380 U (44)	390 U (44)	370 U (44)	390 U (44)	370 U (44)	380 U (44)
BENZALDEHYDE	100-52-7	ug/kg	380 U (26)	390 U (26)	370 U (26)	390 U (26)	370 U (26)	380 U (26)
Benzo(a)anthracene	56-55-3	ug/kg	380 U (36)	390 U (36)	100 J (36)	190 J (36)	100 J (36)	85 J (36)
Benzo(a)pyrene	50-32-8	ug/kg	380 U (32)	390 U (32)	170 J (32)	300 J (32)	180 J (32)	100 J (32)
Benzo(b)fluoranthene	205-99-2	ug/kg	380 U (33)	390 U (33)	370 U (33)	300 J (33)	160 J (33)	380 U (33)
Benzo(g,h,i)perylene	191-24-2	ug/kg	28 J (23)	390 U (23)	140 J (23)	210 J (23)	190 J (23)	100 J (23)

B Analyte detected in associated method blank.
D Diluted sample.
E Concentration exceeded the upper calibration limit.
J Estimated value greater than the mdl, but less than the reporting limit.
U Not detected.

PDA SVOC DATA
SOIL SAMPLES

Sample ID Test Type Sample Date Analytical Method			SB-A3 (0-0.5) Initial 7/31/2003 SW8270	SB-A3 (0.5-6.0) Initial 7/31/2003 SW8270	SB-B2 (0-0.5) Initial 7/31/2003 SW8270	SB-B2 (0.5-6.0) Initial 7/31/2003 SW8270	SB-B2A (0-0.5) Initial 7/31/2003 SW8270	SB-B2A (0.5-6.0) Initial 7/31/2003 SW8270
Chemical Name	**CAS No**	**Unit**						
Benzo(k)fluoranthene	207-08-9	ug/kg	380 U (13)	390 U (13)	210 J (13)	220 J (13)	130 J (13)	150 J (13)
BENZYL BUTYL PHTHALATE	85-68-7	ug/kg	380 U (32)	390 U (32)	370 U (32)	390 U (32)	370 U (32)	380 U (32)
bis(2-Chloroethoxy)methane	111-91-1	ug/kg	380 U (32)	390 U (32)	370 U (32)	390 U (32)	370 U (32)	380 U (32)
bis(2-Chloroethyl)ether	111-44-4	ug/kg	380 U (37)	390 U (37)	370 U (37)	390 U (37)	370 U (37)	380 U (37)
bis(2-Ethylhexyl)phthalate	117-81-7	ug/kg	380 U (44)	58 J (44)	310 J (44)	170 J (44)	210 J (44)	120 J (44)
CAPROLACTAM	105-60-2	ug/kg	380 U (65)	390 U (65)	370 U (65)	390 U (65)	370 U (65)	380 U (65)
CARBAZOLE	86-74-8	ug/kg	380 U (30)	390 U (30)	370 U (30)	52 J (30)	370 U (30)	380 U (30)
Dibenzo(a,h)anthracene	53-70-3	ug/kg	380 U (31)	390 U (31)	79 J (31)	180 J (31)	120 J (31)	85 J (31)
DIBENZOFURAN	132-64-9	ug/kg	380 U (34)	390 U (34)	370 U (34)	390 U (34)	370 U (34)	380 U (34)
DIETHYL PHTHALATE	84-66-2	ug/kg	380 U (35)	390 U (35)	370 U (35)	390 U (35)	370 U (35)	380 U (35)
DIMETHYL PHTHALATE	131-11-3	ug/kg	380 U (35)	390 U (35)	370 U (35)	390 U (35)	370 U (35)	380 U (35)
Di-n-butylphthalate	84-74-2	ug/kg	260 J (39)	270 J (39)	370 U (39)	390 U (39)	370 U (39)	380 U (39)
Di-n-octylphthalate	117-84-0	ug/kg	380 U (32)	390 U (32)	370 U (32)	290 J (32)	370 U (32)	380 U (32)
Ethyl Parathion	56-38-2	ug/kg	380 U (11)	390 U (11)	370 U (11)	390 U (11)	370 U (11)	380 U (11)
FLUORANTHENE	206-44-0	ug/kg	380 U (30)	390 U (30)	130 J (30)	330 J (30)	150 J (30)	140 J (30)
FLUORENE	86-73-7	ug/kg	380 U (22)	390 U (22)	370 U (22)	52 J (22)	370 U (22)	380 U (22)
HEXACHLORO-1,3-BUTADIENE	87-68-3	ug/kg	380 U (27)	390 U (27)	370 U (27)	390 U (27)	370 U (27)	380 U (27)
HEXACHLOROBENZENE	118-74-1	ug/kg	380 U (38)	390 U (38)	370 U (38)	390 U (38)	370 U (38)	380 U (38)
HEXACHLOROCYCLOPENTADIENE	77-47-4	ug/kg	380 U (270)	390 U (270)	370 U (270)	390 U (270)	370 U (270)	380 U (270)
HEXACHLOROETHANE	67-72-1	ug/kg	380 U (19)	390 U (19)	370 U (19)	390 U (19)	370 U (19)	380 U (19)
Indeno(1,2,3-cd)pyrene	193-39-5	ug/kg	25 J (17)	390 U (17)	88 J (17)	200 J (17)	140 J (17)	93 J (17)
NAPHTHALENE	91-20-3	ug/kg	380 U (31)	390 U (31)	370 U (31)	390 U (31)	370 U (31)	380 U (31)
NITROBENZENE	98-95-3	ug/kg	380 U (31)	390 U (31)	370 U (31)	390 U (31)	370 U (31)	380 U (31)
N-Nitroso-di-n-propylamine	621-64-7	ug/kg	380 U (30)	390 U (30)	370 U (30)	390 U (30)	370 U (30)	380 U (30)
N-NITROSODIPHENYLAMINE	86-30-6	ug/kg	58 J (30)	390 U (30)	370 U (30)	93 J (30)	370 U (30)	380 U (30)
P-CHLOROANILINE	106-47-8	ug/kg	750 U (29)	780 U (29)	740 U (29)	780 U (29)	740 U (29)	760 U (29)
PENTACHLOROPHENOL	87-86-5	ug/kg	1900 U (34)	2000 U (34)	1900 U (34)	260 J (34)	1900 U (34)	2000 U (34)
PHENANTHRENE	85-01-8	ug/kg	380 U (34)	390 U (34)	66 J (34)	300 J (34)	56 J (34)	100 J (34)
PHENOL	108-95-2	ug/kg	380 U (41)	390 U (41)	370 U (41)	390 U (41)	370 U (41)	380 U (41)
P-NITROANILINE	100-01-6	ug/kg	1900 U (26)	2000 U (26)	1900 U (26)	2000 U (26)	1900 U (26)	2000 U (26)
PYRENE	129-00-0	ug/kg	19 J (15)	390 U (15)	150 J (15)	330 J (15)	160 J (15)	130 J (15)

B Analyte detected in associated method blank.
D Diluted sample.
E Concentration exceeded the upper calibration limit.
J Estimated value greater than the mdl, but less than the reporting limit.
U Not detected.

PDA SVOC DATA
SOIL SAMPLES

Sample ID Test Type Sample Date Analytical Method			SB-B3 (0-0.5) Initial 7/31/2003 SW8270	SB-B3 (0.5-6.0) Initial 7/31/2003 SW8270	SB-C2 (0-0.5) Initial 7/31/2003 SW8270	SB-C2 (0.5-6.0) Initial 7/31/2003 SW8270	SB-C3 (0-0.5) Initial 7/30/2003 SW8270	SB-C3 (0.5-6.0) Initial 7/30/2003 SW8270
Chemical Name	**CAS No**	**Unit**						
1,1-Biphenyl	92-52-4	ug/kg	500 U (28)	570 U (28)	510 U (28)	520 U (28)	3700 U (28)	3900 U (28)
1,2,4,5-TETRACHLOROBENZENE	95-94-3	ug/kg	500 U (21)	570 U (21)	510 U (21)	100 J (21)	3700 U (21)	3900 U (21)
1,2-BENZPHENANTHRACENE	218-01-9	ug/kg	500 U (31)	570 U (31)	2000 (31)	520 U (31)	3700 U (31)	2700 J (31)
2,2-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	108-60-1	ug/kg	500 U (32)	570 U (32)	510 U (32)	520 U (32)	3700 U (32)	3900 U (32)
2,4,5-TRICHLOROPHENOL	95-95-4	ug/kg	500 U (31)	570 U (31)	510 U (31)	770 (31)	3700 U (31)	22000 (31)
2,4,6-Trichlorophenol	88-06-2	ug/kg	500 U (32)	570 U (32)	510 U (32)	520 U (32)	3700 U (32)	3900 U (32)
2,4-DICHLOROPHENOL	120-83-2	ug/kg	500 U (29)	570 U (29)	510 U (29)	520 U (29)	3700 U (29)	1500 J (29)
2,4-DIMETHYLPHENOL	105-67-9	ug/kg	500 U (28)	570 U (28)	510 U (28)	520 U (28)	3700 U (28)	3900 U (28)
2,4-DINITROPHENOL	51-28-5	ug/kg	2600 U (340)	2900 U (340)	2600 U (340)	2600 U (340)	19000 U (340)	20000 U (340)
2,4-DINITROTOLUENE	121-14-2	ug/kg	500 U (22)	570 U (22)	510 U (22)	520 U (22)	3700 U (22)	3900 U (22)
2,6-DINITROTOLUENE	606-20-2	ug/kg	500 U (29)	570 U (29)	510 U (29)	520 U (29)	3700 U (29)	3900 U (29)
2-CHLORONAPHTHALENE	91-58-7	ug/kg	500 U (37)	570 U (37)	510 U (37)	520 U (37)	3700 U (37)	2300 J (37)
2-CHLOROPHENOL	95-57-8	ug/kg	500 U (41)	570 U (41)	510 U (41)	520 U (41)	3700 U (41)	3900 U (41)
2-METHYLNAPHTHALENE	91-57-6	ug/kg	500 U (29)	570 U (29)	510 U (29)	520 U (29)	3700 U (29)	540 J (29)
2-Methylphenol (o-Cresol)	95-48-7	ug/kg	500 U (46)	570 U (46)	510 U (46)	520 U (46)	3700 U (46)	3900 U (46)
2-NITROANILINE	88-74-4	ug/kg	2600 U (25)	2900 U (25)	2600 U (25)	2600 U (25)	19000 U (25)	20000 U (25)
2-NITROPHENOL	88-75-5	ug/kg	500 U (26)	570 U (26)	510 U (26)	520 U (26)	3700 U (26)	3900 U (26)
3,3'-DICHLOROBENZIDINE	91-94-1	ug/kg	1000 U (26)	1100 U (26)	1000 U (26)	1000 U (26)	7400 U (26)	7800 U (26)
3,5,5-TRIMETHYL-2-CYCLOHEXENE-1-ONE	78-59-1	ug/kg	500 U (26)	570 U (26)	510 U (26)	520 U (26)	3700 U (26)	3900 U (26)
3-Methylphenol/4-Methylphenol (m&p-Cresol)	106-44-5	ug/kg	500 U (40)	570 U (40)	510 U (40)	520 U (40)	3700 U (40)	3900 U (40)
3-NITROANILINE	99-09-2	ug/kg	2600 U (30)	2900 U (30)	2600 U (30)	2600 U (30)	19000 U (30)	20000 U (30)
4,6-Dinitro-2-methylphenol	534-52-1	ug/kg	2600 U (31)	2900 U (31)	2600 U (31)	2600 U (31)	19000 U (31)	20000 U (31)
4-BROMOPHENYL PHENYL ETHER	101-55-3	ug/kg	500 U (30)	570 U (30)	510 U (30)	520 U (30)	3700 U (30)	3900 U (30)
4-Chloro-3-methylphenol	59-50-7	ug/kg	500 U (40)	570 U (40)	510 U (40)	520 U (40)	3700 U (40)	3900 U (40)
4-CHLOROPHENYL PHENYL ETHER	7005-72-3	ug/kg	500 U (26)	570 U (26)	510 U (26)	520 U (26)	3700 U (26)	3900 U (26)
4-NITROPHENOL	100-02-7	ug/kg	2600 U (25)	2900 U (25)	2600 U (25)	2600 U (25)	19000 U (25)	18000 J (25)
Acenaphthene	83-32-9	ug/kg	500 U (34)	570 U (34)	78 J (34)	520 U (34)	3700 U (34)	1100 J (34)
ACENAPHTHYLENE	208-96-8	ug/kg	500 U (25)	570 U (25)	510 U (25)	520 U (25)	3700 U (25)	3900 U (25)
ACETOPHENONE	98-86-2	ug/kg	500 U (28)	570 U (28)	510 U (28)	520 U (28)	3700 U (28)	3900 U (28)
Aniline	62-53-3	ug/kg	500 U (23)	570 U (23)	450 J (23)	5200 (23)	3700 U (23)	3900 U (23)
ANTHRACENE	120-12-7	ug/kg	500 U (32)	570 U (32)	650 (32)	520 U (32)	3700 U (32)	2600 J (32)
ATRAZINE	1912-24-9	ug/kg	500 U (44)	570 U (44)	510 U (44)	520 U (44)	3700 U (44)	3900 U (44)
BENZALDEHYDE	100-52-7	ug/kg	500 U (26)	570 U (26)	510 U (26)	520 U (26)	3700 U (26)	3900 U (26)
Benzo(a)anthracene	56-55-3	ug/kg	500 U (36)	570 U (36)	1900 (36)	520 U (36)	3700 U (36)	3300 J (36)
Benzo(a)pyrene	50-32-8	ug/kg	500 U (32)	570 U (32)	1500 (32)	520 U (32)	3700 U (32)	3000 J (32)
Benzo(b)fluoranthene	205-99-2	ug/kg	500 U (33)	570 U (33)	510 U (33)	520 U (33)	3700 U (33)	4200 (33)
Benzo(g,h,i)perylene	191-24-2	ug/kg	57 J (23)	570 U (23)	630 (23)	130 J (23)	3700 U (23)	1500 J (23)

B Analyte detected in associated method blank.
D Diluted sample.
E Concentration exceeded the upper calibration limit.
J Estimated value greater than the mdl, but less than the reporting limit.
U Not detected.

PDA SVOC DATA
SOIL SAMPLES

Sample ID Test Type Sample Date Analytical Method			SB-B3 (0-0.5) Initial 7/31/2003 SW8270	SB-B3 (0.5-6.0) Initial 7/31/2003 SW8270	SB-C2 (0-0.5) Initial 7/31/2003 SW8270	SB-C2 (0.5-6.0) Initial 7/31/2003 SW8270	SB-C3 (0-0.5) Initial 7/30/2003 SW8270	SB-C3 (0.5-6.0) Initial 7/30/2003 SW8270
Chemical Name	**CAS No**	**Unit**						
Benzo(k)fluoranthene	207-08-9	ug/kg	500 U (13)	570 U (13)	2300 (13)	520 U (13)	3700 U (13)	2600 J (13)
BENZYL BUTYL PHTHALATE	85-68-7	ug/kg	500 U (32)	570 U (32)	510 U (32)	520 U (32)	3700 U (32)	3900 U (32)
bis(2-Chloroethoxy)methane	111-91-1	ug/kg	500 U (32)	570 U (32)	510 U (32)	520 U (32)	3700 U (32)	3900 U (32)
bis(2-Chloroethyl)ether	111-44-4	ug/kg	500 U (37)	570 U (37)	510 U (37)	520 U (37)	3700 U (37)	3900 U (37)
bis(2-Ethylhexyl)phthalate	117-81-7	ug/kg	87 J (44)	570 U (44)	510 U (44)	520 U (44)	1400 J (44)	3900 U (44)
CAPROLACTAM	105-60-2	ug/kg	500 U (65)	570 U (65)	510 U (65)	520 U (65)	3700 U (65)	3900 U (65)
CARBAZOLE	86-74-8	ug/kg	500 U (30)	570 U (30)	130 J (30)	520 U (30)	3700 U (30)	1600 J (30)
Dibenzo(a,h)anthracene	53-70-3	ug/kg	500 U (31)	570 U (31)	230 J (31)	520 U (31)	3700 U (31)	3900 U (31)
DIBENZOFURAN	132-64-9	ug/kg	500 U (34)	570 U (34)	62 J (34)	520 U (34)	3700 U (34)	1400 J (34)
DIETHYL PHTHALATE	84-66-2	ug/kg	500 U (35)	570 U (35)	510 U (35)	520 U (35)	3700 U (35)	3900 U (35)
DIMETHYL PHTHALATE	131-11-3	ug/kg	500 U (35)	570 U (35)	510 U (35)	520 U (35)	3700 U (35)	3900 U (35)
Di-n-butylphthalate	84-74-2	ug/kg	500 U (39)	570 U (39)	510 U (39)	520 U (39)	3700 U (39)	3900 U (39)
Di-n-octylphthalate	117-84-0	ug/kg	500 U (32)	570 U (32)	510 U (32)	520 U (32)	3700 U (32)	3900 U (32)
Ethyl Parathion	56-38-2	ug/kg	500 U (11)	570 U (11)	510 U (11)	520 U (11)	3700 U (11)	3900 U (11)
FLUORANTHENE	206-44-0	ug/kg	500 U (30)	570 U (30)	3700 (30)	520 U (30)	3700 U (30)	8400 (30)
FLUORENE	86-73-7	ug/kg	500 U (22)	570 U (22)	140 J (22)	520 U (22)	3700 U (22)	2000 J (22)
HEXACHLORO-1,3-BUTADIENE	87-68-3	ug/kg	500 U (27)	570 U (27)	510 U (27)	520 U (27)	3700 U (27)	3900 U (27)
HEXACHLOROBENZENE	118-74-1	ug/kg	500 U (38)	570 U (38)	510 U (38)	520 U (38)	3700 U (38)	3900 U (38)
HEXACHLOROCYCLOPENTADIENE	77-47-4	ug/kg	500 U (270)	570 U (270)	510 U (270)	520 U (270)	3700 U (270)	3900 U (270)
HEXACHLOROETHANE	67-72-1	ug/kg	500 U (19)	570 U (19)	510 U (19)	520 U (19)	3700 U (19)	3900 U (19)
Indeno(1,2,3-cd)pyrene	193-39-5	ug/kg	40 J (17)	570 U (17)	590 (17)	59 J (17)	3700 U (17)	1400 J (17)
NAPHTHALENE	91-20-3	ug/kg	500 U (31)	570 U (31)	510 U (31)	520 U (31)	3700 U (31)	1800 J (31)
NITROBENZENE	98-95-3	ug/kg	500 U (31)	570 U (31)	510 U (31)	520 U (31)	3700 U (31)	3900 U (31)
N-Nitroso-di-n-propylamine	621-64-7	ug/kg	500 U (30)	570 U (30)	510 U (30)	520 U (30)	3700 U (30)	3900 U (30)
N-NITROSODIPHENYLAMINE	86-30-6	ug/kg	500 U (30)	570 U (30)	92 J (30)	1200 (30)	3700 U (30)	1400 J (30)
P-CHLOROANILINE	106-47-8	ug/kg	1000 U (29)	1100 U (29)	1000 U (29)	1000 U (29)	7400 U (29)	7800 U (29)
PENTACHLOROPHENOL	87-86-5	ug/kg	2600 U (34)	2900 U (34)	2600 U (34)	2600 U (34)	19000 U (34)	7000 J (34)
PHENANTHRENE	85-01-8	ug/kg	500 U (34)	570 U (34)	2000 (34)	100 J (34)	3700 U (34)	11000 (34)
PHENOL	108-95-2	ug/kg	500 U (41)	170 J (41)	510 U (41)	520 U (41)	3700 U (41)	3900 U (41)
P-NITROANILINE	100-01-6	ug/kg	2600 U (26)	2900 U (26)	2600 U (26)	2600 U (26)	19000 U (26)	20000 U (26)
PYRENE	129-00-0	ug/kg	500 U (15)	570 U (15)	4100 (15)	520 U (15)	290 J (15)	7000 (15)

B Analyte detected in associated method blank.
D Diluted sample.
E Concentration exceeded the upper calibration limit.
J Estimated value greater than the mdl, but less than the reporting limit.
U Not detected.

PDA SVOC DATA
SOIL SAMPLES

Sample ID Test Type Sample Date Analytical Method			SB-C5 (0-0.5) Initial 7/30/2003 SW8270	SB-C5 (0.5-6.0) Initial 7/30/2003 SW8270	SB-D1 (0-0.5) Initial 7/30/2003 SW8270	SB-D1 (0.5-6.0) Initial 7/30/2003 SW8270	SB-D2 (0-0.5) Initial 7/30/2003 SW8270	SB-D2 (0.5-6.0) Initial 7/30/2003 SW8270
Chemical Name	**CAS No**	**Unit**						
1,1-Biphenyl	92-52-4	ug/kg	3800 U (28)	4200 U (28)	4200 U (28)	390 U (28)	4100 U (28)	3700 U (28)
1,2,4,5-TETRACHLOROBENZENE	95-94-3	ug/kg	3800 U (21)	4200 U (21)	4200 U (21)	390 U (21)	4100 U (21)	3700 U (21)
1,2-BENZPHENANTHRACENE	218-01-9	ug/kg	490 J (31)	4200 U (31)	4200 U (31)	390 U (31)	4100 U (31)	560 J (31)
2,2-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	108-60-1	ug/kg	3800 U (32)	4200 U (32)	4200 U (32)	390 U (32)	4100 U (32)	3700 U (32)
2,4,5-TRICHLOROPHENOL	95-95-4	ug/kg	3800 U (31)	4200 U (31)	880 J (31)	390 U (31)	4100 U (31)	3700 U (31)
2,4,6-Trichlorophenol	88-06-2	ug/kg	3800 U (32)	4200 U (32)	4200 U (32)	390 U (32)	4100 U (32)	3700 U (32)
2,4-DICHLOROPHENOL	120-83-2	ug/kg	3800 U (29)	4200 U (29)	4200 U (29)	390 U (29)	4100 U (29)	3700 U (29)
2,4-DIMETHYLPHENOL	105-67-9	ug/kg	3800 U (28)	4200 U (28)	4200 U (28)	390 U (28)	4100 U (28)	3700 U (28)
2,4-DINITROPHENOL	51-28-5	ug/kg	20000 U (340)	22000 U (340)	22000 U (340)	2000 U (340)	21000 U (340)	19000 U (340)
2,4-DINITROTOLUENE	121-14-2	ug/kg	3800 U (22)	4200 U (22)	4200 U (22)	390 U (22)	4100 U (22)	3700 U (22)
2,6-DINITROTOLUENE	606-20-2	ug/kg	3800 U (29)	4200 U (29)	4200 U (29)	390 U (29)	4100 U (29)	3700 U (29)
2-CHLORONAPHTHALENE	91-58-7	ug/kg	3800 U (37)	4200 U (37)	4200 U (37)	390 U (37)	4100 U (37)	3700 U (37)
2-CHLOROPHENOL	95-57-8	ug/kg	3800 U (41)	4200 U (41)	4200 U (41)	390 U (41)	4100 U (41)	3700 U (41)
2-METHYLNAPHTHALENE	91-57-6	ug/kg	3800 U (29)	4200 U (29)	4200 U (29)	390 U (29)	4100 U (29)	3700 U (29)
2-Methylphenol (o-Cresol)	95-48-7	ug/kg	3800 U (46)	4200 U (46)	4200 U (46)	390 U (46)	4100 U (46)	3700 U (46)
2-NITROANILINE	88-74-4	ug/kg	20000 U (25)	22000 U (25)	22000 U (25)	2000 U (25)	21000 U (25)	19000 U (25)
2-NITROPHENOL	88-75-5	ug/kg	3800 U (26)	4200 U (26)	4200 U (26)	390 U (26)	4100 U (26)	3700 U (26)
3,3'-DICHLOROBENZIDINE	91-94-1	ug/kg	7700 U (26)	8400 U (26)	8400 U (26)	780 U (26)	8100 U (26)	7400 U (26)
3,5,5-TRIMETHYL-2-CYCLOHEXENE-1-ONE	78-59-1	ug/kg	3800 U (26)	4200 U (26)	4200 U (26)	390 U (26)	4100 U (26)	3700 U (26)
3-Methylphenol/4-Methylphenol (m&p-Cresol)	106-44-5	ug/kg	3800 U (40)	4200 U (40)	4200 U (40)	390 U (40)	4100 U (40)	3700 U (40)
3-NITROANILINE	99-09-2	ug/kg	20000 U (30)	22000 U (30)	22000 U (30)	2000 U (30)	21000 U (30)	19000 U (30)
4,6-Dinitro-2-methylphenol	534-52-1	ug/kg	20000 U (31)	22000 U (31)	22000 U (31)	2000 U (31)	21000 U (31)	19000 U (31)
4-BROMOPHENYL PHENYL ETHER	101-55-3	ug/kg	3800 U (30)	4200 U (30)	4200 U (30)	390 U (30)	4100 U (30)	3700 U (30)
4-Chloro-3-methylphenol	59-50-7	ug/kg	3800 U (40)	4200 U (40)	4200 U (40)	390 U (40)	4100 U (40)	3700 U (40)
4-CHLOROPHENYL PHENYL ETHER	7005-72-3	ug/kg	3800 U (26)	4200 U (26)	4200 U (26)	390 U (26)	4100 U (26)	3700 U (26)
4-NITROPHENOL	100-02-7	ug/kg	20000 U (25)	22000 U (25)	22000 U (25)	2000 U (25)	21000 U (25)	19000 U (25)
Acenaphthene	83-32-9	ug/kg	3800 U (34)	4200 U (34)	4200 U (34)	390 U (34)	4100 U (34)	3700 U (34)
ACENAPHTHYLENE	208-96-8	ug/kg	3800 U (25)	4200 U (25)	4200 U (25)	390 U (25)	4100 U (25)	3700 U (25)
ACETOPHENONE	98-86-2	ug/kg	3800 U (28)	4200 U (28)	4200 U (28)	390 U (28)	4100 U (28)	3700 U (28)
Aniline	62-53-3	ug/kg	3800 (23)	4200 U (23)	4200 U (23)	390 U (23)	4100 U (23)	1400 J (23)
ANTHRACENE	120-12-7	ug/kg	3800 U (32)	4200 U (32)	4200 U (32)	390 U (32)	4100 U (32)	3700 U (32)
ATRAZINE	1912-24-9	ug/kg	3800 U (44)	4200 U (44)	4200 U (44)	390 U (44)	4100 U (44)	3700 U (44)
BENZALDEHYDE	100-52-7	ug/kg	3800 U (26)	4200 U (26)	4200 U (26)	390 U (26)	4100 U (26)	3700 U (26)
Benzo(a)anthracene	56-55-3	ug/kg	600 J (36)	4200 U (36)	4200 U (36)	390 U (36)	4100 U (36)	680 J (36)
Benzo(a)pyrene	50-32-8	ug/kg	850 J (32)	4200 U (32)	4200 U (32)	390 U (32)	4100 U (32)	3700 U (32)
Benzo(b)fluoranthene	205-99-2	ug/kg	2600 J (33)	4200 U (33)	4200 U (33)	390 U (33)	4100 U (33)	3700 U (33)
Benzo(g,h,i)perylene	191-24-2	ug/kg	640 J (23)	4200 U (23)	4200 U (23)	390 U (23)	4100 U (23)	3700 U (23)

B Analyte detected in associated method blank.
D Diluted sample.
E Concentration exceeded the upper calibration limit.
J Estimated value greater than the mdl, but less than the reporting limit.
U Not detected.

PDA SVOC DATA
SOIL SAMPLES

Sample ID Test Type Sample Date Analytical Method			SB-C5 (0-0.5) Initial 7/30/2003 SW8270	SB-C5 (0.5-6.0) Initial 7/30/2003 SW8270	SB-D1 (0-0.5) Initial 7/30/2003 SW8270	SB-D1 (0.5-6.0) Initial 7/30/2003 SW8270	SB-D2 (0-0.5) Initial 7/30/2003 SW8270	SB-D2 (0.5-6.0) Initial 7/30/2003 SW8270
Chemical Name	**CAS No**	**Unit**						
Benzo(k)fluoranthene	207-08-9	ug/kg	590 J (13)	4200 U (13)	4200 U (13)	390 U (13)	4100 U (13)	3700 U (13)
BENZYL BUTYL PHTHALATE	85-68-7	ug/kg	3800 U (32)	4200 U (32)	4200 U (32)	390 U (32)	4100 U (32)	3700 U (32)
bis(2-Chloroethoxy)methane	111-91-1	ug/kg	3800 U (32)	4200 U (32)	4200 U (32)	390 U (32)	4100 U (32)	3700 U (32)
bis(2-Chloroethyl)ether	111-44-4	ug/kg	3800 U (37)	4200 U (37)	4200 U (37)	390 U (37)	4100 U (37)	3700 U (37)
bis(2-Ethylhexyl)phthalate	117-81-7	ug/kg	3800 U (44)	4200 U (44)	4200 U (44)	390 U (44)	4100 U (44)	1100 J (44)
CAPROLACTAM	105-60-2	ug/kg	3800 U (65)	4200 U (65)	4200 U (65)	390 U (65)	4100 U (65)	3700 U (65)
CARBAZOLE	86-74-8	ug/kg	3800 U (30)	4200 U (30)	4200 U (30)	390 U (30)	4100 U (30)	3700 U (30)
Dibenzo(a,h)anthracene	53-70-3	ug/kg	3800 U (31)	4200 U (31)	4200 U (31)	390 U (31)	4100 U (31)	3700 U (31)
DIBENZOFURAN	132-64-9	ug/kg	3800 U (34)	4200 U (34)	4200 U (34)	390 U (34)	4100 U (34)	3700 U (34)
DIETHYL PHTHALATE	84-66-2	ug/kg	3800 U (35)	4200 U (35)	4200 U (35)	390 U (35)	4100 U (35)	3700 U (35)
DIMETHYL PHTHALATE	131-11-3	ug/kg	3800 U (35)	4200 U (35)	4200 U (35)	390 U (35)	4100 U (35)	3700 U (35)
Di-n-butylphthalate	84-74-2	ug/kg	3800 U (39)	4200 U (39)	4200 U (39)	390 U (39)	4100 U (39)	3700 U (39)
Di-n-octylphthalate	117-84-0	ug/kg	3800 U (32)	4200 U (32)	4200 U (32)	390 U (32)	4100 U (32)	3700 U (32)
Ethyl Parathion	56-38-2	ug/kg	3800 U (11)	4200 U (11)	4200 U (11)	390 U (11)	4100 U (11)	3700 U (11)
FLUORANTHENE	206-44-0	ug/kg	860 J (30)	4200 U (30)	4200 U (30)	390 U (30)	4100 U (30)	3700 U (30)
FLUORENE	86-73-7	ug/kg	3800 U (22)	4200 U (22)	4200 U (22)	390 U (22)	4100 U (22)	3700 U (22)
HEXACHLORO-1,3-BUTADIENE	87-68-3	ug/kg	3800 U (27)	4200 U (27)	4200 U (27)	390 U (27)	4100 U (27)	3700 U (27)
HEXACHLOROBENZENE	118-74-1	ug/kg	3800 U (38)	4200 U (38)	4200 U (38)	390 U (38)	4100 U (38)	3700 U (38)
HEXACHLOROCYCLOPENTADIENE	77-47-4	ug/kg	3800 U (270)	4200 U (270)	4200 U (270)	390 U (270)	4100 U (270)	3700 U (270)
HEXACHLOROETHANE	67-72-1	ug/kg	3800 U (19)	4200 U (19)	4200 U (19)	390 U (19)	4100 U (19)	3700 U (19)
Indeno(1,2,3-cd)pyrene	193-39-5	ug/kg	570 J (17)	4200 U (17)	4200 U (17)	390 U (17)	4100 U (17)	3700 U (17)
NAPHTHALENE	91-20-3	ug/kg	3800 U (31)	4200 U (31)	4200 U (31)	390 U (31)	4100 U (31)	3700 U (31)
NITROBENZENE	98-95-3	ug/kg	3800 U (31)	4200 U (31)	4200 U (31)	390 U (31)	4100 U (31)	3700 U (31)
N-Nitroso-di-n-propylamine	621-64-7	ug/kg	3800 U (30)	4200 U (30)	4200 U (30)	390 U (30)	4100 U (30)	3700 U (30)
N-NITROSODIPHENYLAMINE	86-30-6	ug/kg	420 J (30)	4200 U (30)	4200 U (30)	390 U (30)	2100 J (30)	4400 (30)
P-CHLOROANILINE	106-47-8	ug/kg	7700 U (29)	8400 U (29)	8400 U (29)	780 U (29)	8100 U (29)	7400 U (29)
PENTACHLOROPHENOL	87-86-5	ug/kg	20000 U (34)	22000 U (34)	22000 U (34)	2000 U (34)	21000 U (34)	19000 U (34)
PHENANTHRENE	85-01-8	ug/kg	500 J (34)	4200 U (34)	4200 U (34)	390 U (34)	4100 U (34)	3700 U (34)
PHENOL	108-95-2	ug/kg	3800 U (41)	4200 U (41)	4200 U (41)	390 U (41)	4100 U (41)	3700 U (41)
P-NITROANILINE	100-01-6	ug/kg	20000 U (26)	22000 U (26)	22000 U (26)	2000 U (26)	21000 U (26)	19000 U (26)
PYRENE	129-00-0	ug/kg	930 J (15)	4200 U (15)	4200 U (15)	390 U (15)	4100 U (15)	3700 U (15)

B Analyte detected in associated method blank.
D Diluted sample.
E Concentration exceeded the upper calibration limit.
J Estimated value greater than the mdl, but less than the reporting limit.
U Not detected.

PDA SVOC DATA
SOIL SAMPLES

Sample ID Test Type Sample Date Analytical Method			SB-D3 (0-0.5) Initial 7/31/2003 SW8270	SB-D3 (0.5-6.0) Initial 7/31/2003 SW8270	SB-D4 (0-0.5) Initial 8/1/2003 SW8270	SB-D4 (0-0.5) Reanalysis 8/1/2003 SW8270	SB-D4 (0.5-6.0) Initial 8/1/2003 SW8270	SB-D4 (0.5-6.0) Reanalysis 8/1/2003 SW8270
Chemical Name	**CAS No**	**Unit**						
1,1-Biphenyl	92-52-4	ug/kg	390 U (28)	400 U (28)	420 U (28)	840 U (28)	400 U (28)	800 U (28)
1,2,4,5-TETRACHLOROBENZENE	95-94-3	ug/kg	270 J (21)	170 J (21)	420 U (21)	840 U (21)	400 U (21)	800 U (21)
1,2-BENZPHENANTHRACENE	218-01-9	ug/kg	200 J (31)	400 U (31)	420 U (31)	840 U (31)	400 U (31)	800 U (31)
2,2-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	108-60-1	ug/kg	390 U (32)	400 U (32)	420 U (32)	840 U (32)	400 U (32)	800 U (32)
2,4,5-TRICHLOROPHENOL	95-95-4	ug/kg	38 J (31)	350 J (31)	420 U (31)	840 U (31)	400 U (31)	800 U (31)
2,4,6-Trichlorophenol	88-06-2	ug/kg	390 U (32)	400 U (32)	420 U (32)	840 U (32)	400 U (32)	800 U (32)
2,4-DICHLOROPHENOL	120-83-2	ug/kg	390 U (29)	400 U (29)	420 U (29)	840 U (29)	400 U (29)	800 U (29)
2,4-DIMETHYLPHENOL	105-67-9	ug/kg	390 U (28)	400 U (28)	420 U (28)	840 U (28)	400 U (28)	800 U (28)
2,4-DINITROPHENOL	51-28-5	ug/kg	2000 U (340)	2000 U (340)	2200 U (340)	4300 U (340)	2100 U (340)	4100 U (340)
2,4-DINITROTOLUENE	121-14-2	ug/kg	390 U (22)	400 U (22)	420 U (22)	840 U (22)	400 U (22)	800 U (22)
2,6-DINITROTOLUENE	606-20-2	ug/kg	390 U (29)	400 U (29)	420 U (29)	840 U (29)	400 U (29)	800 U (29)
2-CHLORONAPHTHALENE	91-58-7	ug/kg	390 U (37)	400 U (37)	420 U (37)	840 U (37)	400 U (37)	800 U (37)
2-CHLOROPHENOL	95-57-8	ug/kg	390 U (41)	400 U (41)	420 U (41)	840 U (41)	400 U (41)	800 U (41)
2-METHYLNAPHTHALENE	91-57-6	ug/kg	57 J (29)	400 U (29)	420 U (29)	840 U (29)	400 U (29)	800 U (29)
2-Methylphenol (o-Cresol)	95-48-7	ug/kg	390 U (46)	400 U (46)	420 U (46)	840 U (46)	400 U (46)	800 U (46)
2-NITROANILINE	88-74-4	ug/kg	2000 U (25)	2000 U (25)	2200 U (25)	4300 U (25)	2100 U (25)	4100 U (25)
2-NITROPHENOL	88-75-5	ug/kg	390 U (26)	400 U (26)	420 U (26)	840 U (26)	400 U (26)	800 U (26)
3,3'-DICHLOROBENZIDINE	91-94-1	ug/kg	780 U (26)	800 U (26)	840 U (26)	1700 U (26)	800 U (26)	1600 U (26)
3,5,5-TRIMETHYL-2-CYCLOHEXENE-1-ONE	78-59-1	ug/kg	390 U (26)	400 U (26)	420 U (26)	840 U (26)	400 U (26)	800 U (26)
3-Methylphenol/4-Methylphenol (m&p-Cresol)	106-44-5	ug/kg	390 U (40)	400 U (40)	420 U (40)	840 U (40)	400 U (40)	800 U (40)
3-NITROANILINE	99-09-2	ug/kg	2000 U (30)	2000 U (30)	2200 U (30)	4300 U (30)	2100 U (30)	4100 U (30)
4,6-Dinitro-2-methylphenol	534-52-1	ug/kg	2000 U (31)	2000 U (31)	2200 U (31)	4300 U (31)	2100 U (31)	4100 U (31)
4-BROMOPHENYL PHENYL ETHER	101-55-3	ug/kg	390 U (30)	400 U (30)	420 U (30)	840 U (30)	400 U (30)	800 U (30)
4-Chloro-3-methylphenol	59-50-7	ug/kg	390 U (40)	400 U (40)	420 U (40)	840 U (40)	400 U (40)	800 U (40)
4-CHLOROPHENYL PHENYL ETHER	7005-72-3	ug/kg	390 U (26)	400 U (26)	420 U (26)	840 U (26)	400 U (26)	800 U (26)
4-NITROPHENOL	100-02-7	ug/kg	2000 U (25)	2000 U (25)	2200 U (25)	4300 U (25)	2100 U (25)	4100 U (25)
Acenaphthene	83-32-9	ug/kg	390 U (34)	400 U (34)	420 U (34)	840 U (34)	400 U (34)	800 U (34)
ACENAPHTHYLENE	208-96-8	ug/kg	390 U (25)	400 U (25)	420 U (25)	840 U (25)	400 U (25)	800 U (25)
ACETOPHENONE	98-86-2	ug/kg	390 U (28)	400 U (28)	420 U (28)	840 U (28)	400 U (28)	800 U (28)
Aniline	62-53-3	ug/kg	390 U (23)	400 U (23)	420 U (23)	840 U (23)	400 U (23)	800 U (23)
ANTHRACENE	120-12-7	ug/kg	56 J (32)	400 U (32)	420 U (32)	840 U (32)	400 U (32)	800 U (32)
ATRAZINE	1912-24-9	ug/kg	390 U (44)	400 U (44)	420 U (44)	840 U (44)	400 U (44)	800 U (44)
BENZALDEHYDE	100-52-7	ug/kg	390 U (26)	400 U (26)	420 U (26)	840 U (26)	400 U (26)	800 U (26)
Benzo(a)anthracene	56-55-3	ug/kg	140 J (36)	400 U (36)	420 U (36)	840 U (36)	400 U (36)	800 U (36)
Benzo(a)pyrene	50-32-8	ug/kg	130 J (32)	400 U (32)	420 U (32)	840 U (32)	400 U (32)	800 U (32)
Benzo(b)fluoranthene	205-99-2	ug/kg	390 U (33)	400 U (33)	420 U (33)	840 U (33)	400 U (33)	800 U (33)
Benzo(g,h,i)perylene	191-24-2	ug/kg	92 J (23)	60 J (23)	420 U (23)	840 U (23)	400 U (23)	800 U (23)

B Analyte detected in associated method blank.
D Diluted sample.
E Concentration exceeded the upper calibration limit.
J Estimated value greater than the mdl, but less than the reporting limit.
U Not detected.

PDA SVOC DATA
SOIL SAMPLES

Sample ID Test Type Sample Date Analytical Method			SB-D3 (0-0.5) Initial 7/31/2003 SW8270	SB-D3 (0.5-6.0) Initial 7/31/2003 SW8270	SB-D4 (0-0.5) Initial 8/1/2003 SW8270	SB-D4 (0-0.5) Reanalysis 8/1/2003 SW8270	SB-D4 (0.5-6.0) Initial 8/1/2003 SW8270	SB-D4 (0.5-6.0) Reanalysis 8/1/2003 SW8270
Chemical Name	**CAS No**	**Unit**						
Benzo(k)fluoranthene	207-08-9	ug/kg	220 J (13)	31 J (13)	420 U (13)	840 U (13)	400 U (13)	800 U (13)
BENZYL BUTYL PHTHALATE	85-68-7	ug/kg	390 U (32)	400 U (32)	420 U (32)	840 U (32)	400 U (32)	800 U (32)
bis(2-Chloroethoxy)methane	111-91-1	ug/kg	390 U (32)	400 U (32)	420 U (32)	840 U (32)	400 U (32)	800 U (32)
bis(2-Chloroethyl)ether	111-44-4	ug/kg	390 U (37)	400 U (37)	420 U (37)	840 U (37)	400 U (37)	800 U (37)
bis(2-Ethylhexyl)phthalate	117-81-7	ug/kg	800 (44)	400 U (44)	420 U (44)	840 U (44)	400 U (44)	800 U (44)
CAPROLACTAM	105-60-2	ug/kg	390 U (65)	400 U (65)	420 U (65)	840 U (65)	400 U (65)	800 U (65)
CARBAZOLE	86-74-8	ug/kg	390 U (30)	400 U (30)	420 U (30)	840 U (30)	400 U (30)	800 U (30)
Dibenzo(a,h)anthracene	53-70-3	ug/kg	70 J (31)	48 J (31)	420 U (31)	840 U (31)	400 U (31)	800 U (31)
DIBENZOFURAN	132-64-9	ug/kg	390 U (34)	400 U (34)	420 U (34)	840 U (34)	400 U (34)	800 U (34)
DIETHYL PHTHALATE	84-66-2	ug/kg	390 U (35)	400 U (35)	420 U (35)	840 U (35)	400 U (35)	800 U (35)
DIMETHYL PHTHALATE	131-11-3	ug/kg	390 U (35)	400 U (35)	420 U (35)	840 U (35)	400 U (35)	800 U (35)
Di-n-butylphthalate	84-74-2	ug/kg	390 U (39)	400 U (39)	420 U (39)	840 U (39)	400 U (39)	800 U (39)
Di-n-octylphthalate	117-84-0	ug/kg	390 U (32)	400 U (32)	420 U (32)	840 U (32)	400 U (32)	800 U (32)
Ethyl Parathion	56-38-2	ug/kg	390 U (11)	400 U (11)	420 U (11)	840 U (11)	400 U (11)	800 U (11)
FLUORANTHENE	206-44-0	ug/kg	260 J (30)	400 U (30)	420 U (30)	840 U (30)	400 U (30)	800 U (30)
FLUORENE	86-73-7	ug/kg	390 U (22)	400 U (22)	420 U (22)	840 U (22)	400 U (22)	800 U (22)
HEXACHLORO-1,3-BUTADIENE	87-68-3	ug/kg	390 U (27)	400 U (27)	420 U (27)	840 U (27)	400 U (27)	800 U (27)
HEXACHLOROBENZENE	118-74-1	ug/kg	390 U (38)	400 U (38)	420 U (38)	840 U (38)	400 U (38)	800 U (38)
HEXACHLOROCYCLOPENTADIENE	77-47-4	ug/kg	390 U (270)	400 U (270)	420 U (270)	840 U (270)	400 U (270)	800 U (270)
HEXACHLOROETHANE	67-72-1	ug/kg	390 U (19)	400 U (19)	420 U (19)	840 U (19)	400 U (19)	800 U (19)
Indeno(1,2,3-cd)pyrene	193-39-5	ug/kg	74 J (17)	400 U (17)	420 U (17)	840 U (17)	400 U (17)	800 U (17)
NAPHTHALENE	91-20-3	ug/kg	390 U (31)	400 U (31)	420 U (31)	840 U (31)	400 U (31)	800 U (31)
NITROBENZENE	98-95-3	ug/kg	390 U (31)	400 U (31)	420 U (31)	840 U (31)	400 U (31)	800 U (31)
N-Nitroso-di-n-propylamine	621-64-7	ug/kg	390 U (30)	140 J (30)	420 U (30)	840 U (30)	400 U (30)	800 U (30)
N-NITROSODIPHENYLAMINE	86-30-6	ug/kg	1400 (30)	400 U (30)	9200 E (30)	8400 D (30)	9400 E (30)	10000 D (30)
P-CHLOROANILINE	106-47-8	ug/kg	780 U (29)	800 U (29)	840 U (29)	1700 U (29)	800 U (29)	1600 U (29)
PENTACHLOROPHENOL	87-86-5	ug/kg	300 J (34)	2000 U (34)	2200 U (34)	4300 U (34)	2100 U (34)	4100 U (34)
PHENANTHRENE	85-01-8	ug/kg	240 J (34)	400 U (34)	420 U (34)	840 U (34)	400 U (34)	800 U (34)
PHENOL	108-95-2	ug/kg	390 U (41)	400 U (41)	420 U (41)	840 U (41)	400 U (41)	800 U (41)
P-NITROANILINE	100-01-6	ug/kg	2000 U (26)	2000 U (26)	2200 U (26)	4300 U (26)	2100 U (26)	4100 U (26)
PYRENE	129-00-0	ug/kg	270 J (15)	400 U (15)	420 U (15)	840 U (15)	400 U (15)	800 U (15)

B Analyte detected in associated method blank.
D Diluted sample.
E Concentration exceeded the upper calibration limit.
J Estimated value greater than the mdl, but less than the reporting limit.
U Not detected.

PDA SVOC DATA
SOIL SAMPLES

Sample ID Test Type Sample Date Analytical Method			SB-D5 (0-0.5) Initial 8/1/2003 SW8270	SB-D5 (0.5-6.0) Initial 8/1/2003 SW8270	SB-D6 (0-0.5) Initial 8/1/2003 SW8270	SB-D6 (0.5-6.0) Initial 8/1/2003 SW8270	SB-E1 (0-0.5) Initial 7/29/2003 SW8270	SB-E1 (0.5-6.0) Initial 7/29/2003 SW8270
Chemical Name	**CAS No**	**Unit**						
1,1-Biphenyl	92-52-4	ug/kg	400 U (28)	400 U (28)	350 U (28)	410 U (28)	3800 U (28)	3800 U (28)
1,2,4,5-TETRACHLOROBENZENE	95-94-3	ug/kg	400 U (21)	400 U (21)	350 U (21)	410 U (21)	3800 U (21)	3800 U (21)
1,2-BENZPHENANTHRACENE	218-01-9	ug/kg	46 J (31)	400 U (31)	48 J (31)	410 U (31)	3800 U (31)	3800 U (31)
2,2-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	108-60-1	ug/kg	400 U (32)	400 U (32)	350 U (32)	410 U (32)	3800 U (32)	3800 U (32)
2,4,5-TRICHLOROPHENOL	95-95-4	ug/kg	400 U (31)	400 U (31)	350 U (31)	410 U (31)	620 J (31)	2100 J (31)
2,4,6-Trichlorophenol	88-06-2	ug/kg	400 U (32)	400 U (32)	350 U (32)	410 U (32)	3800 U (32)	3800 U (32)
2,4-DICHLOROPHENOL	120-83-2	ug/kg	400 U (29)	400 U (29)	350 U (29)	410 U (29)	3800 U (29)	3800 U (29)
2,4-DIMETHYLPHENOL	105-67-9	ug/kg	400 U (28)	400 U (28)	350 U (28)	410 U (28)	3800 U (28)	3800 U (28)
2,4-DINITROPHENOL	51-28-5	ug/kg	2000 U (340)	2100 U (340)	1800 U (340)	2100 U (340)	19000 U (340)	20000 U (340)
2,4-DINITROTOLUENE	121-14-2	ug/kg	400 U (22)	400 U (22)	350 U (22)	410 U (22)	3800 U (22)	3800 U (22)
2,6-DINITROTOLUENE	606-20-2	ug/kg	400 U (29)	400 U (29)	350 U (29)	410 U (29)	3800 U (29)	3800 U (29)
2-CHLORONAPHTHALENE	91-58-7	ug/kg	400 U (37)	400 U (37)	350 U (37)	410 U (37)	3800 U (37)	3800 U (37)
2-CHLOROPHENOL	95-57-8	ug/kg	400 U (41)	400 U (41)	350 U (41)	410 U (41)	3800 U (41)	3800 U (41)
2-METHYLNAPHTHALENE	91-57-6	ug/kg	400 U (29)	400 U (29)	350 U (29)	410 U (29)	3800 U (29)	3800 U (29)
2-Methylphenol (o-Cresol)	95-48-7	ug/kg	400 U (46)	400 U (46)	350 U (46)	410 U (46)	3800 U (46)	3800 U (46)
2-NITROANILINE	88-74-4	ug/kg	2000 U (25)	2100 U (25)	1800 U (25)	2100 U (25)	19000 U (25)	20000 U (25)
2-NITROPHENOL	88-75-5	ug/kg	400 U (26)	400 U (26)	350 U (26)	410 U (26)	3800 U (26)	3800 U (26)
3,3'-DICHLOROBENZIDINE	91-94-1	ug/kg	800 U (26)	800 U (26)	710 U (26)	810 U (26)	7500 U (26)	7600 U (26)
3,5,5-TRIMETHYL-2-CYCLOHEXENE-1-ONE	78-59-1	ug/kg	400 U (26)	400 U (26)	350 U (26)	410 U (26)	3800 U (26)	3800 U (26)
3-Methylphenol/4-Methylphenol (m&p-Cresol)	106-44-5	ug/kg	400 U (40)	400 U (40)	350 U (40)	410 U (40)	3800 U (40)	3800 U (40)
3-NITROANILINE	99-09-2	ug/kg	2000 U (30)	2100 U (30)	1800 U (30)	2100 U (30)	19000 U (30)	20000 U (30)
4,6-Dinitro-2-methylphenol	534-52-1	ug/kg	2000 U (31)	2100 U (31)	1800 U (31)	2100 U (31)	19000 U (31)	20000 U (31)
4-BROMOPHENYL PHENYL ETHER	101-55-3	ug/kg	400 U (30)	400 U (30)	350 U (30)	410 U (30)	3800 U (30)	3800 U (30)
4-Chloro-3-methylphenol	59-50-7	ug/kg	400 U (40)	400 U (40)	350 U (40)	410 U (40)	3800 U (40)	3800 U (40)
4-CHLOROPHENYL PHENYL ETHER	7005-72-3	ug/kg	400 U (26)	400 U (26)	350 U (26)	410 U (26)	3800 U (26)	3800 U (26)
4-NITROPHENOL	100-02-7	ug/kg	2000 U (25)	2100 U (25)	1800 U (25)	2100 U (25)	19000 U (25)	20000 U (25)
Acenaphthene	83-32-9	ug/kg	400 U (34)	400 U (34)	350 U (34)	410 U (34)	3800 U (34)	3800 U (34)
ACENAPHTHYLENE	208-96-8	ug/kg	400 U (25)	400 U (25)	350 U (25)	410 U (25)	3800 U (25)	3800 U (25)
ACETOPHENONE	98-86-2	ug/kg	400 U (28)	400 U (28)	350 U (28)	410 U (28)	3800 U (28)	3800 U (28)
Aniline	62-53-3	ug/kg	400 U (23)	400 U (23)	350 U (23)	410 U (23)	3800 U (23)	3800 U (23)
ANTHRACENE	120-12-7	ug/kg	400 U (32)	400 U (32)	350 U (32)	410 U (32)	3800 U (32)	3800 U (32)
ATRAZINE	1912-24-9	ug/kg	400 U (44)	400 U (44)	350 U (44)	410 U (44)	3800 U (44)	3800 U (44)
BENZALDEHYDE	100-52-7	ug/kg	400 U (26)	400 U (26)	350 U (26)	410 U (26)	3800 U (26)	3800 U (26)
Benzo(a)anthracene	56-55-3	ug/kg	210 J (36)	400 U (36)	350 U (36)	410 U (36)	3800 U (36)	3800 U (36)
Benzo(a)pyrene	50-32-8	ug/kg	400 U (32)	400 U (32)	350 U (32)	410 U (32)	3800 U (32)	3800 U (32)
Benzo(b)fluoranthene	205-99-2	ug/kg	400 U (33)	400 U (33)	350 U (33)	410 U (33)	3800 U (33)	3800 U (33)
Benzo(g,h,i)perylene	191-24-2	ug/kg	400 U (23)	400 U (23)	350 U (23)	410 U (23)	330 J (23)	3800 U (23)

B Analyte detected in associated method blank.
D Diluted sample.
E Concentration exceeded the upper calibration limit.
J Estimated value greater than the mdl, but less than the reporting limit.
U Not detected.

PDA SVOC DATA
SOIL SAMPLES

Sample ID Test Type Sample Date Analytical Method			SB-D5 (0-0.5) Initial 8/1/2003 SW8270	SB-D5 (0.5-6.0) Initial 8/1/2003 SW8270	SB-D6 (0-0.5) Initial 8/1/2003 SW8270	SB-D6 (0.5-6.0) Initial 8/1/2003 SW8270	SB-E1 (0-0.5) Initial 7/29/2003 SW8270	SB-E1 (0.5-6.0) Initial 7/29/2003 SW8270
Chemical Name	**CAS No**	**Unit**						
Benzo(k)fluoranthene	207-08-9	ug/kg	400 U (13)	400 U (13)	350 U (13)	410 U (13)	3800 U (13)	3800 U (13)
BENZYL BUTYL PHTHALATE	85-68-7	ug/kg	400 U (32)	400 U (32)	350 U (32)	410 U (32)	3800 U (32)	3800 U (32)
bis(2-Chloroethoxy)methane	111-91-1	ug/kg	400 U (32)	400 U (32)	350 U (32)	410 U (32)	3800 U (32)	3800 U (32)
bis(2-Chloroethyl)ether	111-44-4	ug/kg	400 U (37)	400 U (37)	350 U (37)	410 U (37)	3800 U (37)	3800 U (37)
bis(2-Ethylhexyl)phthalate	117-81-7	ug/kg	200 J (44)	400 U (44)	350 U (44)	410 U (44)	3800 U (44)	3800 U (44)
CAPROLACTAM	105-60-2	ug/kg	400 U (65)	400 U (65)	350 U (65)	410 U (65)	3800 U (65)	3800 U (65)
CARBAZOLE	86-74-8	ug/kg	400 U (30)	400 U (30)	350 U (30)	410 U (30)	3800 U (30)	3800 U (30)
Dibenzo(a,h)anthracene	53-70-3	ug/kg	400 U (31)	400 U (31)	350 U (31)	410 U (31)	3800 U (31)	3800 U (31)
DIBENZOFURAN	132-64-9	ug/kg	400 U (34)	400 U (34)	350 U (34)	410 U (34)	3800 U (34)	3800 U (34)
DIETHYL PHTHALATE	84-66-2	ug/kg	400 U (35)	400 U (35)	350 U (35)	410 U (35)	3800 U (35)	3800 U (35)
DIMETHYL PHTHALATE	131-11-3	ug/kg	400 U (35)	400 U (35)	350 U (35)	410 U (35)	3800 U (35)	3800 U (35)
Di-n-butylphthalate	84-74-2	ug/kg	400 U (39)	400 U (39)	350 U (39)	410 U (39)	3800 U (39)	3800 U (39)
Di-n-octylphthalate	117-84-0	ug/kg	400 U (32)	400 U (32)	350 U (32)	410 U (32)	3800 U (32)	3800 U (32)
Ethyl Parathion	56-38-2	ug/kg	400 U (11)	400 U (11)	350 U (11)	410 U (11)	3800 U (11)	3800 U (11)
FLUORANTHENE	206-44-0	ug/kg	400 U (30)	400 U (30)	350 U (30)	410 U (30)	3800 U (30)	3800 U (30)
FLUORENE	86-73-7	ug/kg	400 U (22)	400 U (22)	350 U (22)	410 U (22)	3800 U (22)	3800 U (22)
HEXACHLORO-1,3-BUTADIENE	87-68-3	ug/kg	400 U (27)	400 U (27)	350 U (27)	410 U (27)	3800 U (27)	3800 U (27)
HEXACHLOROBENZENE	118-74-1	ug/kg	400 U (38)	400 U (38)	350 U (38)	410 U (38)	3800 U (38)	3800 U (38)
HEXACHLOROCYCLOPENTADIENE	77-47-4	ug/kg	400 U (270)	400 U (270)	350 U (270)	410 U (270)	3800 U (270)	3800 U (270)
HEXACHLOROETHANE	67-72-1	ug/kg	400 U (19)	400 U (19)	350 U (19)	410 U (19)	3800 U (19)	3800 U (19)
Indeno(1,2,3-cd)pyrene	193-39-5	ug/kg	400 U (17)	400 U (17)	350 U (17)	410 U (17)	3800 U (17)	3800 U (17)
NAPHTHALENE	91-20-3	ug/kg	400 U (31)	400 U (31)	350 U (31)	410 U (31)	3800 U (31)	3800 U (31)
NITROBENZENE	98-95-3	ug/kg	400 U (31)	400 U (31)	350 U (31)	410 U (31)	3800 U (31)	3800 U (31)
N-Nitroso-di-n-propylamine	621-64-7	ug/kg	400 U (30)	400 U (30)	350 U (30)	410 U (30)	3800 U (30)	3800 U (30)
N-NITROSODIPHENYLAMINE	86-30-6	ug/kg	2400 (30)	180 J (30)	83 J (30)	410 U (30)	12000 (30)	2400 J (30)
P-CHLOROANILINE	106-47-8	ug/kg	800 U (29)	800 U (29)	710 U (29)	810 U (29)	7500 U (29)	7600 U (29)
PENTACHLOROPHENOL	87-86-5	ug/kg	2000 U (34)	2100 U (34)	1800 U (34)	2100 U (34)	19000 U (34)	20000 U (34)
PHENANTHRENE	85-01-8	ug/kg	400 U (34)	400 U (34)	350 U (34)	410 U (34)	3800 U (34)	3800 U (34)
PHENOL	108-95-2	ug/kg	400 U (41)	400 U (41)	350 U (41)	410 U (41)	3800 U (41)	3800 U (41)
P-NITROANILINE	100-01-6	ug/kg	2000 U (26)	2100 U (26)	1800 U (26)	2100 U (26)	19000 U (26)	20000 U (26)
PYRENE	129-00-0	ug/kg	400 U (15)	400 U (15)	350 U (15)	410 U (15)	3800 U (15)	3800 U (15)

B Analyte detected in associated method blank.
D Diluted sample.
E Concentration exceeded the upper calibration limit.
J Estimated value greater than the mdl, but less than the reporting limit.
U Not detected.

PDA SVOC DATA
SOIL SAMPLES

Sample ID Test Type Sample Date Analytical Method			SB-E2 (0-0.5) Initial 7/29/2003 SW8270	SB-E2 (0.5-6.0) Initial 7/29/2003 SW8270	SB-E3 (0-0.5) Initial 7/31/2003 SW8270	SB-E3 (0-0.5) Reanalysis 7/31/2003 SW8270	SB-E3 (0.5-6.0) Initial 7/31/2003 SW8270	SB-E4 (0-0.5) Initial 7/31/2003 SW8270
Chemical Name	**CAS No**	**Unit**						
1,1-Biphenyl	92-52-4	ug/kg	3800 U (28)	4200 U (28)	410 U (28)	410 U (28)	410 U (28)	410 U (28)
1,2,4,5-TETRACHLOROBENZENE	95-94-3	ug/kg	3800 U (21)	4200 U (21)	60 J (21)	410 U (21)	180 J (21)	830 (21)
1,2-BENZPHENANTHRACENE	218-01-9	ug/kg	3800 U (31)	4200 U (31)	74 J (31)	80 J (31)	410 U (31)	62 J (31)
2,2-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	108-60-1	ug/kg	3800 U (32)	4200 U (32)	410 U (32)	410 U (32)	410 U (32)	410 U (32)
2,4,5-TRICHLOROPHENOL	95-95-4	ug/kg	3800 U (31)	1200 J (31)	410 U (31)	410 U (31)	170 J (31)	270 J (31)
2,4,6-Trichlorophenol	88-06-2	ug/kg	3800 U (32)	4200 U (32)	410 U (32)	410 U (32)	410 U (32)	410 U (32)
2,4-DICHLOROPHENOL	120-83-2	ug/kg	3800 U (29)	4200 U (29)	410 U (29)	410 U (29)	410 U (29)	410 U (29)
2,4-DIMETHYLPHENOL	105-67-9	ug/kg	3800 U (28)	4200 U (28)	410 U (28)	410 U (28)	410 U (28)	410 U (28)
2,4-DINITROPHENOL	51-28-5	ug/kg	19000 U (340)	22000 U (340)	2100 U (340)	2100 U (340)	2100 U (340)	2100 U (340)
2,4-DINITROTOLUENE	121-14-2	ug/kg	3800 U (22)	4200 U (22)	410 U (22)	410 U (22)	410 U (22)	410 U (22)
2,6-DINITROTOLUENE	606-20-2	ug/kg	3800 U (29)	4200 U (29)	410 U (29)	410 U (29)	410 U (29)	410 U (29)
2-CHLORONAPHTHALENE	91-58-7	ug/kg	3800 U (37)	4200 U (37)	410 U (37)	410 U (37)	410 U (37)	410 U (37)
2-CHLOROPHENOL	95-57-8	ug/kg	3800 U (41)	4200 U (41)	410 U (41)	410 U (41)	410 U (41)	410 U (41)
2-METHYLNAPHTHALENE	91-57-6	ug/kg	3800 U (29)	4200 U (29)	73 J (29)	83 J (29)	410 U (29)	410 U (29)
2-Methylphenol (o-Cresol)	95-48-7	ug/kg	3800 U (46)	4200 U (46)	410 U (46)	410 U (46)	410 U (46)	410 U (46)
2-NITROANILINE	88-74-4	ug/kg	19000 U (25)	22000 U (25)	2100 U (25)	2100 U (25)	2100 U (25)	2100 U (25)
2-NITROPHENOL	88-75-5	ug/kg	3800 U (26)	4200 U (26)	410 U (26)	410 U (26)	410 U (26)	410 U (26)
3,3'-DICHLOROBENZIDINE	91-94-1	ug/kg	7500 U (26)	8500 U (26)	820 U (26)	820 U (26)	820 U (26)	810 U (26)
3,5,5-TRIMETHYL-2-CYCLOHEXENE-1-ONE	78-59-1	ug/kg	3800 U (26)	4200 U (26)	410 U (26)	410 U (26)	410 U (26)	410 U (26)
3-Methylphenol/4-Methylphenol (m&p-Cresol)	106-44-5	ug/kg	3800 U (40)	4200 U (40)	410 U (40)	410 U (40)	410 U (40)	410 U (40)
3-NITROANILINE	99-09-2	ug/kg	19000 U (30)	22000 U (30)	2100 U (30)	2100 U (30)	2100 U (30)	2100 U (30)
4,6-Dinitro-2-methylphenol	534-52-1	ug/kg	19000 U (31)	22000 U (31)	2100 U (31)	2100 U (31)	2100 U (31)	2100 U (31)
4-BROMOPHENYL PHENYL ETHER	101-55-3	ug/kg	3800 U (30)	4200 U (30)	410 U (30)	410 U (30)	410 U (30)	410 U (30)
4-Chloro-3-methylphenol	59-50-7	ug/kg	3800 U (40)	4200 U (40)	410 U (40)	410 U (40)	410 U (40)	410 U (40)
4-CHLOROPHENYL PHENYL ETHER	7005-72-3	ug/kg	3800 U (26)	4200 U (26)	410 U (26)	410 U (26)	410 U (26)	410 U (26)
4-NITROPHENOL	100-02-7	ug/kg	19000 U (25)	22000 U (25)	2100 U (25)	2100 U (25)	2100 U (25)	2100 U (25)
Acenaphthene	83-32-9	ug/kg	3800 U (34)	4200 U (34)	410 U (34)	410 U (34)	410 U (34)	410 U (34)
ACENAPHTHYLENE	208-96-8	ug/kg	3800 U (25)	4200 U (25)	410 U (25)	410 U (25)	410 U (25)	410 U (25)
ACETOPHENONE	98-86-2	ug/kg	3800 U (28)	4200 U (28)	410 U (28)	410 U (28)	410 U (28)	410 U (28)
Aniline	62-53-3	ug/kg	3800 U (23)	4200 U (23)	410 U (23)	160 J (23)	410 U (23)	410 U (23)
ANTHRACENE	120-12-7	ug/kg	3800 U (32)	4200 U (32)	410 U (32)	410 U (32)	410 U (32)	410 U (32)
ATRAZINE	1912-24-9	ug/kg	3800 U (44)	4200 U (44)	410 U (44)	410 U (44)	410 U (44)	410 U (44)
BENZALDEHYDE	100-52-7	ug/kg	3800 U (26)	4200 U (26)	410 U (26)	410 U (26)	410 U (26)	410 U (26)
Benzo(a)anthracene	56-55-3	ug/kg	3800 U (36)	4200 U (36)	67 J (36)	74 J (36)	410 U (36)	410 U (36)
Benzo(a)pyrene	50-32-8	ug/kg	3800 U (32)	4200 U (32)	59 J (32)	82 J (32)	410 U (32)	410 U (32)
Benzo(b)fluoranthene	205-99-2	ug/kg	3800 U (33)	4200 U (33)	410 U (33)	80 J (33)	410 U (33)	410 U (33)
Benzo(g,h,i)perylene	191-24-2	ug/kg	3800 U (23)	360 J (23)	51 J (23)	85 J (23)	44 J (23)	54 J (23)

B Analyte detected in associated method blank.
D Diluted sample.
E Concentration exceeded the upper calibration limit.
J Estimated value greater than the mdl, but less than the reporting limit.
U Not detected.

PDA SVOC DATA
SOIL SAMPLES

Sample ID Test Type Sample Date Analytical Method			SB-E2 (0-0.5) Initial 7/29/2003 SW8270	SB-E2 (0.5-6.0) Initial 7/29/2003 SW8270	SB-E3 (0-0.5) Initial 7/31/2003 SW8270	SB-E3 (0-0.5) Reanalysis 7/31/2003 SW8270	SB-E3 (0.5-6.0) Initial 7/31/2003 SW8270	SB-E4 (0-0.5) Initial 7/31/2003 SW8270
Chemical Name	**CAS No**	**Unit**						
Benzo(k)fluoranthene	207-08-9	ug/kg	3800 U (13)	4200 U (13)	110 J (13)	79 J (13)	410 U (13)	410 U (13)
BENZYL BUTYL PHTHALATE	85-68-7	ug/kg	3800 U (32)	4200 U (32)	410 U (32)	410 U (32)	410 U (32)	410 U (32)
bis(2-Chloroethoxy)methane	111-91-1	ug/kg	3800 U (32)	4200 U (32)	410 U (32)	410 U (32)	410 U (32)	410 U (32)
bis(2-Chloroethyl)ether	111-44-4	ug/kg	3800 U (37)	4200 U (37)	410 U (37)	410 U (37)	410 U (37)	410 U (37)
bis(2-Ethylhexyl)phthalate	117-81-7	ug/kg	3800 U (44)	4200 U (44)	630 (44)	410 (44)	410 U (44)	350 J (44)
CAPROLACTAM	105-60-2	ug/kg	3800 U (65)	4200 U (65)	410 U (65)	410 U (65)	410 U (65)	410 U (65)
CARBAZOLE	86-74-8	ug/kg	3800 U (30)	4200 U (30)	410 U (30)	410 U (30)	410 U (30)	410 U (30)
Dibenzo(a,h)anthracene	53-70-3	ug/kg	3800 U (31)	4200 U (31)	410 U (31)	58 J (31)	42 J (31)	45 J (31)
DIBENZOFURAN	132-64-9	ug/kg	3800 U (34)	4200 U (34)	410 U (34)	410 U (34)	410 U (34)	410 U (34)
DIETHYL PHTHALATE	84-66-2	ug/kg	3800 U (35)	4200 U (35)	410 U (35)	410 U (35)	410 U (35)	410 U (35)
DIMETHYL PHTHALATE	131-11-3	ug/kg	3800 U (35)	4200 U (35)	410 U (35)	410 U (35)	410 U (35)	410 U (35)
Di-n-butylphthalate	84-74-2	ug/kg	3800 U (39)	4200 U (39)	380 J (39)	91 J (39)	410 U (39)	410 U (39)
Di-n-octylphthalate	117-84-0	ug/kg	3800 U (32)	4200 U (32)	410 U (32)	410 U (32)	410 U (32)	410 U (32)
Ethyl Parathion	56-38-2	ug/kg	3800 U (11)	4200 U (11)	410 U (11)	410 U (11)	410 U (11)	410 U (11)
FLUORANTHENE	206-44-0	ug/kg	3800 U (30)	4200 U (30)	100 J (30)	110 J (30)	410 U (30)	410 U (30)
FLUORENE	86-73-7	ug/kg	3800 U (22)	4200 U (22)	410 U (22)	410 U (22)	410 U (22)	34 J (22)
HEXACHLORO-1,3-BUTADIENE	87-68-3	ug/kg	3800 U (27)	4200 U (27)	410 U (27)	410 U (27)	410 U (27)	410 U (27)
HEXACHLOROBENZENE	118-74-1	ug/kg	3800 U (38)	4200 U (38)	410 U (38)	410 U (38)	410 U (38)	410 U (38)
HEXACHLOROCYCLOPENTADIENE	77-47-4	ug/kg	3800 U (270)	4200 U (270)	410 U (270)	410 U (270)	410 U (270)	410 U (270)
HEXACHLOROETHANE	67-72-1	ug/kg	3800 U (19)	4200 U (19)	410 U (19)	410 U (19)	410 U (19)	410 U (19)
Indeno(1,2,3-cd)pyrene	193-39-5	ug/kg	3800 U (17)	2500 J (17)	29 J (17)	55 J (17)	410 U (17)	410 U (17)
NAPHTHALENE	91-20-3	ug/kg	3800 U (31)	4200 U (31)	45 J (31)	50 J (31)	410 U (31)	410 U (31)
NITROBENZENE	98-95-3	ug/kg	3800 U (31)	4200 U (31)	410 U (31)	410 U (31)	410 U (31)	410 U (31)
N-Nitroso-di-n-propylamine	621-64-7	ug/kg	3800 U (30)	4200 U (30)	410 U (30)	410 U (30)	410 U (30)	410 U (30)
N-NITROSODIPHENYLAMINE	86-30-6	ug/kg	3800 U (30)	4200 U (30)	410 U (30)	410 U (30)	3800 (30)	1800 (30)
P-CHLOROANILINE	106-47-8	ug/kg	7500 U (29)	8500 U (29)	820 U (29)	820 U (29)	820 U (29)	810 U (29)
PENTACHLOROPHENOL	87-86-5	ug/kg	19000 U (34)	22000 U (34)	2100 U (34)	2100 U (34)	2100 U (34)	2100 U (34)
PHENANTHRENE	85-01-8	ug/kg	3800 U (34)	4200 U (34)	84 J (34)	110 J (34)	410 U (34)	410 U (34)
PHENOL	108-95-2	ug/kg	3800 U (41)	4200 U (41)	410 U (41)	410 U (41)	410 U (41)	410 U (41)
P-NITROANILINE	100-01-6	ug/kg	19000 U (26)	22000 U (26)	2100 U (26)	2100 U (26)	2100 U (26)	2100 U (26)
PYRENE	129-00-0	ug/kg	3800 U (15)	4200 U (15)	140 J (15)	140 J (15)	410 U (15)	410 U (15)

B Analyte detected in associated method blank.
D Diluted sample.
E Concentration exceeded the upper calibration limit.
J Estimated value greater than the mdl, but less than the reporting limit.
U Not detected.

PDA SVOC DATA
SOIL SAMPLES

Sample ID Test Type Sample Date Analytical Method			SB-E4 (0.5-6.0) Initial 7/31/2003 SW8270	SB-E5 (0-0.5) Initial 8/1/2003 SW8270	SB-E5 (0.5-6.0) Initial 8/1/2003 SW8270	SB-E6 (0-0.5) Initial 8/1/2003 SW8270	SB-E6 (0.5-6.0) Initial 8/1/2003 SW8270	SB-F1 (0-0.5) Initial 7/30/2003 SW8270
Chemical Name	**CAS No**	**Unit**						
1,1-Biphenyl	92-52-4	ug/kg	410 U (28)	390 U (28)	84 J (28)	380 U (28)	400 U (28)	4800 U (28)
1,2,4,5-TETRACHLOROBENZENE	95-94-3	ug/kg	410 U (21)	390 U (21)	420 U (21)	380 U (21)	400 U (21)	2900 J (21)
1,2-BENZPHENANTHRACENE	218-01-9	ug/kg	410 U (31)	42 J (31)	420 U (31)	380 U (31)	400 U (31)	4800 U (31)
2,2-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	108-60-1	ug/kg	410 U (32)	390 U (32)	420 U (32)	380 U (32)	400 U (32)	4800 U (32)
2,4,5-TRICHLOROPHENOL	95-95-4	ug/kg	410 U (31)	390 U (31)	420 U (31)	380 U (31)	400 U (31)	4800 U (31)
2,4,6-Trichlorophenol	88-06-2	ug/kg	410 U (32)	390 U (32)	420 U (32)	380 U (32)	400 U (32)	4800 U (32)
2,4-DICHLOROPHENOL	120-83-2	ug/kg	410 U (29)	390 U (29)	420 U (29)	380 U (29)	400 U (29)	4800 U (29)
2,4-DIMETHYLPHENOL	105-67-9	ug/kg	410 U (28)	390 U (28)	420 U (28)	380 U (28)	400 U (28)	4800 U (28)
2,4-DINITROPHENOL	51-28-5	ug/kg	2100 U (340)	2000 U (340)	2200 U (340)	2000 U (340)	2100 U (340)	25000 U (340)
2,4-DINITROTOLUENE	121-14-2	ug/kg	410 U (22)	390 U (22)	420 U (22)	380 U (22)	400 U (22)	4800 U (22)
2,6-DINITROTOLUENE	606-20-2	ug/kg	410 U (29)	390 U (29)	420 U (29)	380 U (29)	400 U (29)	4800 U (29)
2-CHLORONAPHTHALENE	91-58-7	ug/kg	410 U (37)	390 U (37)	420 U (37)	380 U (37)	400 U (37)	4800 U (37)
2-CHLOROPHENOL	95-57-8	ug/kg	410 U (41)	390 U (41)	420 U (41)	380 U (41)	400 U (41)	4800 U (41)
2-METHYLNAPHTHALENE	91-57-6	ug/kg	410 U (29)	390 U (29)	420 U (29)	380 U (29)	400 U (29)	4800 U (29)
2-Methylphenol (o-Cresol)	95-48-7	ug/kg	410 U (46)	390 U (46)	420 U (46)	380 U (46)	400 U (46)	4800 U (46)
2-NITROANILINE	88-74-4	ug/kg	2100 U (25)	2000 U (25)	2200 U (25)	2000 U (25)	2100 U (25)	25000 U (25)
2-NITROPHENOL	88-75-5	ug/kg	410 U (26)	390 U (26)	420 U (26)	380 U (26)	400 U (26)	4800 U (26)
3,3'-DICHLOROBENZIDINE	91-94-1	ug/kg	820 U (26)	780 U (26)	850 U (26)	770 U (26)	800 U (26)	9700 U (26)
3,5,5-TRIMETHYL-2-CYCLOHEXENE-1-ONE	78-59-1	ug/kg	410 U (26)	390 U (26)	420 U (26)	380 U (26)	400 U (26)	4800 U (26)
3-Methylphenol/4-Methylphenol (m&p-Cresol)	106-44-5	ug/kg	410 U (40)	390 U (40)	420 U (40)	380 U (40)	400 U (40)	4800 U (40)
3-NITROANILINE	99-09-2	ug/kg	2100 U (30)	2000 U (30)	2200 U (30)	2000 U (30)	2100 U (30)	25000 U (30)
4,6-Dinitro-2-methylphenol	534-52-1	ug/kg	2100 U (31)	2000 U (31)	2200 U (31)	2000 U (31)	2100 U (31)	25000 U (31)
4-BROMOPHENYL PHENYL ETHER	101-55-3	ug/kg	410 U (30)	390 U (30)	420 U (30)	380 U (30)	400 U (30)	4800 U (30)
4-Chloro-3-methylphenol	59-50-7	ug/kg	410 U (40)	390 U (40)	420 U (40)	380 U (40)	400 U (40)	4800 U (40)
4-CHLOROPHENYL PHENYL ETHER	7005-72-3	ug/kg	410 U (26)	390 U (26)	420 U (26)	380 U (26)	400 U (26)	4800 U (26)
4-NITROPHENOL	100-02-7	ug/kg	2100 U (25)	2000 U (25)	2200 U (25)	2000 U (25)	2100 U (25)	25000 U (25)
Acenaphthene	83-32-9	ug/kg	410 U (34)	390 U (34)	420 U (34)	380 U (34)	400 U (34)	4800 U (34)
ACENAPHTHYLENE	208-96-8	ug/kg	410 U (25)	390 U (25)	420 U (25)	380 U (25)	400 U (25)	4800 U (25)
ACETOPHENONE	98-86-2	ug/kg	410 U (28)	390 U (28)	420 U (28)	380 U (28)	400 U (28)	4800 U (28)
Aniline	62-53-3	ug/kg	410 U (23)	960 (23)	120 J (23)	380 U (23)	400 U (23)	1300 J (23)
ANTHRACENE	120-12-7	ug/kg	410 U (32)	390 U (32)	420 U (32)	380 U (32)	400 U (32)	4800 U (32)
ATRAZINE	1912-24-9	ug/kg	410 U (44)	390 U (44)	420 U (44)	380 U (44)	400 U (44)	4800 U (44)
BENZALDEHYDE	100-52-7	ug/kg	410 U (26)	390 U (26)	420 U (26)	380 U (26)	400 U (26)	4800 U (26)
Benzo(a)anthracene	56-55-3	ug/kg	410 U (36)	140 J (36)	420 U (36)	380 U (36)	400 U (36)	4800 U (36)
Benzo(a)pyrene	50-32-8	ug/kg	410 U (32)	390 U (32)	420 U (32)	380 U (32)	400 U (32)	4800 U (32)
Benzo(b)fluoranthene	205-99-2	ug/kg	410 U (33)	390 U (33)	420 U (33)	380 U (33)	400 U (33)	4800 U (33)
Benzo(g,h,i)perylene	191-24-2	ug/kg	36 J (23)	390 U (23)	420 U (23)	380 U (23)	400 U (23)	4800 U (23)

B Analyte detected in associated method blank.
D Diluted sample.
E Concentration exceeded the upper calibration limit.
J Estimated value greater than the mdl, but less than the reporting limit.
U Not detected.

PDA SVOC DATA
SOIL SAMPLES

Sample ID Test Type Sample Date Analytical Method			SB-E4 (0.5-6.0) Initial 7/31/2003 SW8270	SB-E5 (0-0.5) Initial 8/1/2003 SW8270	SB-E5 (0.5-6.0) Initial 8/1/2003 SW8270	SB-E6 (0-0.5) Initial 8/1/2003 SW8270	SB-E6 (0.5-6.0) Initial 8/1/2003 SW8270	SB-F1 (0-0.5) Initial 7/30/2003 SW8270
Chemical Name	**CAS No**	**Unit**						
Benzo(k)fluoranthene	207-08-9	ug/kg	410 U (13)	390 U (13)	420 U (13)	22 J (13)	400 U (13)	4800 U (13)
BENZYL BUTYL PHTHALATE	85-68-7	ug/kg	410 U (32)	390 U (32)	420 U (32)	380 U (32)	400 U (32)	4800 U (32)
bis(2-Chloroethoxy)methane	111-91-1	ug/kg	410 U (32)	390 U (32)	420 U (32)	380 U (32)	400 U (32)	4800 U (32)
bis(2-Chloroethyl)ether	111-44-4	ug/kg	410 U (37)	390 U (37)	420 U (37)	380 U (37)	400 U (37)	4800 U (37)
bis(2-Ethylhexyl)phthalate	117-81-7	ug/kg	410 U (44)	300 J (44)	420 U (44)	380 U (44)	400 U (44)	4800 U (44)
CAPROLACTAM	105-60-2	ug/kg	410 U (65)	390 U (65)	420 U (65)	380 U (65)	400 U (65)	4800 U (65)
CARBAZOLE	86-74-8	ug/kg	410 U (30)	390 U (30)	420 U (30)	380 U (30)	400 U (30)	4800 U (30)
Dibenzo(a,h)anthracene	53-70-3	ug/kg	410 U (31)	390 U (31)	420 U (31)	380 U (31)	400 U (31)	4800 U (31)
DIBENZOFURAN	132-64-9	ug/kg	410 U (34)	390 U (34)	420 U (34)	380 U (34)	400 U (34)	4800 U (34)
DIETHYL PHTHALATE	84-66-2	ug/kg	410 U (35)	390 U (35)	420 U (35)	380 U (35)	400 U (35)	4800 U (35)
DIMETHYL PHTHALATE	131-11-3	ug/kg	410 U (35)	390 U (35)	420 U (35)	380 U (35)	400 U (35)	4800 U (35)
Di-n-butylphthalate	84-74-2	ug/kg	95 J (39)	390 U (39)	420 U (39)	380 U (39)	400 U (39)	4800 U (39)
Di-n-octylphthalate	117-84-0	ug/kg	410 U (32)	390 U (32)	420 U (32)	380 U (32)	400 U (32)	4800 U (32)
Ethyl Parathion	56-38-2	ug/kg	410 U (11)	390 U (11)	420 U (11)	380 U (11)	400 U (11)	4800 U (11)
FLUORANTHENE	206-44-0	ug/kg	410 U (30)	390 U (30)	420 U (30)	380 U (30)	400 U (30)	4800 U (30)
FLUORENE	86-73-7	ug/kg	410 U (22)	390 U (22)	420 U (22)	380 U (22)	400 U (22)	4800 U (22)
HEXACHLORO-1,3-BUTADIENE	87-68-3	ug/kg	410 U (27)	390 U (27)	420 U (27)	380 U (27)	400 U (27)	4800 U (27)
HEXACHLOROBENZENE	118-74-1	ug/kg	410 U (38)	390 U (38)	420 U (38)	380 U (38)	400 U (38)	4800 U (38)
HEXACHLOROCYCLOPENTADIENE	77-47-4	ug/kg	410 U (270)	390 U (270)	420 U (270)	380 U (270)	400 U (270)	4800 U (270)
HEXACHLOROETHANE	67-72-1	ug/kg	410 U (19)	390 U (19)	420 U (19)	380 U (19)	400 U (19)	4800 U (19)
Indeno(1,2,3-cd)pyrene	193-39-5	ug/kg	410 U (17)	390 U (17)	420 U (17)	26 J (17)	400 U (17)	4800 U (17)
NAPHTHALENE	91-20-3	ug/kg	410 U (31)	390 U (31)	420 U (31)	380 U (31)	400 U (31)	4800 U (31)
NITROBENZENE	98-95-3	ug/kg	410 U (31)	390 U (31)	420 U (31)	380 U (31)	400 U (31)	4800 U (31)
N-Nitroso-di-n-propylamine	621-64-7	ug/kg	410 U (30)	390 U (30)	420 U (30)	380 U (30)	400 U (30)	4800 U (30)
N-NITROSODIPHENYLAMINE	86-30-6	ug/kg	70 J (30)	650 (30)	230 J (30)	380 U (30)	400 U (30)	14000 (30)
P-CHLOROANILINE	106-47-8	ug/kg	820 U (29)	780 U (29)	850 U (29)	770 U (29)	800 U (29)	9700 U (29)
PENTACHLOROPHENOL	87-86-5	ug/kg	2100 U (34)	2000 U (34)	2200 U (34)	2000 U (34)	2100 U (34)	25000 U (34)
PHENANTHRENE	85-01-8	ug/kg	410 U (34)	390 U (34)	420 U (34)	380 U (34)	400 U (34)	4800 U (34)
PHENOL	108-95-2	ug/kg	410 U (41)	390 U (41)	420 U (41)	380 U (41)	400 U (41)	4800 U (41)
P-NITROANILINE	100-01-6	ug/kg	2100 U (26)	2000 U (26)	2200 U (26)	2000 U (26)	2100 U (26)	25000 U (26)
PYRENE	129-00-0	ug/kg	410 U (15)	390 U (15)	420 U (15)	43 J (15)	400 U (15)	4800 U (15)

B Analyte detected in associated method blank.
D Diluted sample.
E Concentration exceeded the upper calibration limit.
J Estimated value greater than the mdl, but less than the reporting limit.
U Not detected.

PDA SVOC DATA
SOIL SAMPLES

Sample ID Test Type Sample Date Analytical Method			SB-F1 (0.5-6.0) Initial 7/30/2003 SW8270	SB-F2 (0-0.5) Initial 7/29/2003 SW8270	SB-F2 (0.5-6.0) Initial 7/29/2003 SW8270	SB-F3 (0-0.5) Initial 7/29/2003 SW8270	SB-F3 (0.5-6.0) Initial 7/29/2003 SW8270
Chemical Name	**CAS No**	**Unit**					
1,1-Biphenyl	92-52-4	ug/kg	4200 U (28)	3900 U (28)	4000 U (28)	3900 U (28)	4100 U (28)
1,2,4,5-TETRACHLOROBENZENE	95-94-3	ug/kg	4200 U (21)	3900 U (21)	4000 U (21)	3900 U (21)	2200 J (21)
1,2-BENZPHENANTHRACENE	218-01-9	ug/kg	4200 U (31)	3900 U (31)	4000 U (31)	3900 U (31)	4100 U (31)
2,2-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	108-60-1	ug/kg	4200 U (32)	3900 U (32)	4000 U (32)	3900 U (32)	4100 U (32)
2,4,5-TRICHLOROPHENOL	95-95-4	ug/kg	4200 U (31)	3900 U (31)	4000 U (31)	3900 U (31)	4100 U (31)
2,4,6-Trichlorophenol	88-06-2	ug/kg	4200 U (32)	3900 U (32)	4000 U (32)	3900 U (32)	4100 U (32)
2,4-DICHLOROPHENOL	120-83-2	ug/kg	4200 U (29)	3900 U (29)	4000 U (29)	3900 U (29)	4100 U (29)
2,4-DIMETHYLPHENOL	105-67-9	ug/kg	4200 U (28)	3900 U (28)	4000 U (28)	3900 U (28)	4100 U (28)
2,4-DINITROPHENOL	51-28-5	ug/kg	22000 U (340)	20000 U (340)	21000 U (340)	20000 U (340)	21000 U (340)
2,4-DINITROTOLUENE	121-14-2	ug/kg	4200 U (22)	3900 U (22)	4000 U (22)	3900 U (22)	4100 U (22)
2,6-DINITROTOLUENE	606-20-2	ug/kg	4200 U (29)	3900 U (29)	4000 U (29)	3900 U (29)	4100 U (29)
2-CHLORONAPHTHALENE	91-58-7	ug/kg	4200 U (37)	3900 U (37)	4000 U (37)	3900 U (37)	4100 U (37)
2-CHLOROPHENOL	95-57-8	ug/kg	4200 U (41)	3900 U (41)	4000 U (41)	3900 U (41)	4100 U (41)
2-METHYLNAPHTHALENE	91-57-6	ug/kg	4200 U (29)	3900 U (29)	4000 U (29)	3900 U (29)	4100 U (29)
2-Methylphenol (o-Cresol)	95-48-7	ug/kg	4200 U (46)	3900 U (46)	4000 U (46)	3900 U (46)	4100 U (46)
2-NITROANILINE	88-74-4	ug/kg	22000 U (25)	20000 U (25)	21000 U (25)	20000 U (25)	21000 U (25)
2-NITROPHENOL	88-75-5	ug/kg	4200 U (26)	3900 U (26)	4000 U (26)	3900 U (26)	4100 U (26)
3,3'-DICHLOROBENZIDINE	91-94-1	ug/kg	8500 U (26)	7800 U (26)	8000 U (26)	7800 U (26)	8200 U (26)
3,5,5-TRIMETHYL-2-CYCLOHEXENE-1-ONE	78-59-1	ug/kg	4200 U (26)	3900 U (26)	4000 U (26)	3900 U (26)	4100 U (26)
3-Methylphenol/4-Methylphenol (m&p-Cresol)	106-44-5	ug/kg	4200 U (40)	3900 U (40)	4000 U (40)	3900 U (40)	4100 U (40)
3-NITROANILINE	99-09-2	ug/kg	22000 U (30)	20000 U (30)	21000 U (30)	20000 U (30)	21000 U (30)
4,6-Dinitro-2-methylphenol	534-52-1	ug/kg	22000 U (31)	20000 U (31)	21000 U (31)	20000 U (31)	21000 U (31)
4-BROMOPHENYL PHENYL ETHER	101-55-3	ug/kg	4200 U (30)	3900 U (30)	4000 U (30)	3900 U (30)	4100 U (30)
4-Chloro-3-methylphenol	59-50-7	ug/kg	4200 U (40)	3900 U (40)	4000 U (40)	3900 U (40)	4100 U (40)
4-CHLOROPHENYL PHENYL ETHER	7005-72-3	ug/kg	4200 U (26)	3900 U (26)	4000 U (26)	3900 U (26)	4100 U (26)
4-NITROPHENOL	100-02-7	ug/kg	22000 U (25)	20000 U (25)	21000 U (25)	20000 U (25)	21000 U (25)
Acenaphthene	83-32-9	ug/kg	4200 U (34)	3900 U (34)	4000 U (34)	3900 U (34)	4100 U (34)
ACENAPHTHYLENE	208-96-8	ug/kg	4200 U (25)	3900 U (25)	4000 U (25)	3900 U (25)	4100 U (25)
ACETOPHENONE	98-86-2	ug/kg	4200 U (28)	3900 U (28)	4000 U (28)	3900 U (28)	4100 U (28)
Aniline	62-53-3	ug/kg	4200 U (23)	3900 U (23)	4000 U (23)	3900 U (23)	4100 U (23)
ANTHRACENE	120-12-7	ug/kg	4200 U (32)	3900 U (32)	4000 U (32)	3900 U (32)	4100 U (32)
ATRAZINE	1912-24-9	ug/kg	4200 U (44)	3900 U (44)	4000 U (44)	3900 U (44)	4100 U (44)
BENZALDEHYDE	100-52-7	ug/kg	4200 U (26)	3900 U (26)	4000 U (26)	3900 U (26)	4100 U (26)
Benzo(a)anthracene	56-55-3	ug/kg	4200 U (36)	3900 U (36)	4000 U (36)	3900 U (36)	4100 U (36)
Benzo(a)pyrene	50-32-8	ug/kg	4200 U (32)	3900 U (32)	4000 U (32)	3900 U (32)	4100 U (32)
Benzo(b)fluoranthene	205-99-2	ug/kg	4200 U (33)	3900 U (33)	4000 U (33)	3900 U (33)	4100 U (33)
Benzo(g,h,i)perylene	191-24-2	ug/kg	4200 U (23)	360 J (23)	4000 U (23)	350 J (23)	4100 U (23)

B Analyte detected in associated method blank.
D Diluted sample.
E Concentration exceeded the upper calibration limit.
J Estimated value greater than the mdl, but less than the reporting limit.
U Not detected.

PDA SVOC DATA
SOIL SAMPLES

Sample ID Test Type Sample Date Analytical Method			SB-F1 (0.5-6.0) Initial 7/30/2003 SW8270	SB-F2 (0-0.5) Initial 7/29/2003 SW8270	SB-F2 (0.5-6.0) Initial 7/29/2003 SW8270	SB-F3 (0-0.5) Initial 7/29/2003 SW8270	SB-F3 (0.5-6.0) Initial 7/29/2003 SW8270
Chemical Name	**CAS No**	**Unit**					
Benzo(k)fluoranthene	207-08-9	ug/kg	4200 U (13)	3900 U (13)	4000 U (13)	3900 U (13)	4100 U (13)
BENZYL BUTYL PHTHALATE	85-68-7	ug/kg	4200 U (32)	3900 U (32)	4000 U (32)	3900 U (32)	4100 U (32)
bis(2-Chloroethoxy)methane	111-91-1	ug/kg	4200 U (32)	3900 U (32)	4000 U (32)	3900 U (32)	4100 U (32)
bis(2-Chloroethyl)ether	111-44-4	ug/kg	4200 U (37)	3900 U (37)	4000 U (37)	3900 U (37)	4100 U (37)
bis(2-Ethylhexyl)phthalate	117-81-7	ug/kg	4200 U (44)	1200 J (44)	4000 U (44)	3900 U (44)	4100 U (44)
CAPROLACTAM	105-60-2	ug/kg	4200 U (65)	3900 U (65)	4000 U (65)	3900 U (65)	4100 U (65)
CARBAZOLE	86-74-8	ug/kg	4200 U (30)	3900 U (30)	4000 U (30)	3900 U (30)	4100 U (30)
Dibenzo(a,h)anthracene	53-70-3	ug/kg	4200 U (31)	3900 U (31)	4000 U (31)	3900 U (31)	4100 U (31)
DIBENZOFURAN	132-64-9	ug/kg	4200 U (34)	3900 U (34)	4000 U (34)	3900 U (34)	4100 U (34)
DIETHYL PHTHALATE	84-66-2	ug/kg	4200 U (35)	3900 U (35)	4000 U (35)	3900 U (35)	4100 U (35)
DIMETHYL PHTHALATE	131-11-3	ug/kg	4200 U (35)	3900 U (35)	4000 U (35)	3900 U (35)	4100 U (35)
Di-n-butylphthalate	84-74-2	ug/kg	4200 U (39)	3900 U (39)	4000 U (39)	3900 U (39)	4100 U (39)
Di-n-octylphthalate	117-84-0	ug/kg	4200 U (32)	3900 U (32)	4000 U (32)	3900 U (32)	4100 U (32)
Ethyl Parathion	56-38-2	ug/kg	4200 U (11)	3900 U (11)	4000 U (11)	3900 U (11)	4100 U (11)
FLUORANTHENE	206-44-0	ug/kg	4200 U (30)	370 J (30)	4000 U (30)	3900 U (30)	4100 U (30)
FLUORENE	86-73-7	ug/kg	4200 U (22)	3900 U (22)	4000 U (22)	3900 U (22)	4100 U (22)
HEXACHLORO-1,3-BUTADIENE	87-68-3	ug/kg	4200 U (27)	3900 U (27)	4000 U (27)	3900 U (27)	4100 U (27)
HEXACHLOROBENZENE	118-74-1	ug/kg	4200 U (38)	3900 U (38)	4000 U (38)	3900 U (38)	4100 U (38)
HEXACHLOROCYCLOPENTADIENE	77-47-4	ug/kg	4200 U (270)	3900 U (270)	4000 U (270)	3900 U (270)	4100 U (270)
HEXACHLOROETHANE	67-72-1	ug/kg	4200 U (19)	3900 U (19)	4000 U (19)	3900 U (19)	4100 U (19)
Indeno(1,2,3-cd)pyrene	193-39-5	ug/kg	4200 U (17)	2300 J (17)	4000 U (17)	2300 J (17)	4100 U (17)
NAPHTHALENE	91-20-3	ug/kg	4200 U (31)	3900 U (31)	4000 U (31)	3900 U (31)	4100 U (31)
NITROBENZENE	98-95-3	ug/kg	4200 U (31)	3900 U (31)	4000 U (31)	3900 U (31)	4100 U (31)
N-Nitroso-di-n-propylamine	621-64-7	ug/kg	4200 U (30)	3900 U (30)	4000 U (30)	3900 U (30)	4100 U (30)
N-NITROSODIPHENYLAMINE	86-30-6	ug/kg	2800 J (30)	980 J (30)	4000 U (30)	1200 J (30)	4100 U (30)
P-CHLOROANILINE	106-47-8	ug/kg	8500 U (29)	7800 U (29)	8000 U (29)	7800 U (29)	8200 U (29)
PENTACHLOROPHENOL	87-86-5	ug/kg	22000 U (34)	20000 U (34)	21000 U (34)	20000 U (34)	21000 U (34)
PHENANTHRENE	85-01-8	ug/kg	4200 U (34)	3900 U (34)	4000 U (34)	3900 U (34)	4100 U (34)
PHENOL	108-95-2	ug/kg	4200 U (41)	3900 U (41)	4000 U (41)	3900 U (41)	4100 U (41)
P-NITROANILINE	100-01-6	ug/kg	22000 U (26)	20000 U (26)	21000 U (26)	20000 U (26)	21000 U (26)
PYRENE	129-00-0	ug/kg	4200 U (15)	290 J (15)	4000 U (15)	3900 U (15)	4100 U (15)

B Analyte detected in associated method blank.
D Diluted sample.
E Concentration exceeded the upper calibration limit.
J Estimated value greater than the mdl, but less than the reporting limit.
U Not detected.

PDA SVOC DATA
WASTE SAMPLES

Sample ID Test Type Sample Date Analytical Method			SB-B2W (0.5-6.0) Initial 7/31/2003 SW8270	SB-B2W (0.5-6.0) Reanalysis 7/31/2003 SW8270	SB-C3W (0.5-6.0) Initial 7/30/2003 SW8270	SB-C3W (0.5-6.0) Reanalysis 7/30/2003 SW8270	SB-TPI Initial 7/31/2003 SW8270	SB-WFD Initial 8/1/2003 SW8270
Chemical Name	**CAS No**	**Unit**						
1,1-Biphenyl	92-52-4	ug/kg	4400 U (28)	18000 U (28)	410 U (28)	410 U (28)	3900 U (28)	4000 U (28)
1,2,4,5-TETRACHLOROBENZENE	95-94-3	ug/kg	1300 J (21)	3000 DJ (21)	410 U (21)	410 U (21)	3900 U (21)	460 J (21)
1,2-BENZPHENANTHRACENE	218-01-9	ug/kg	4400 U (31)	18000 U (31)	410 U (31)	410 U (31)	3900 U (31)	4000 U (31)
2,2-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	108-60-1	ug/kg	4400 U (32)	18000 U (32)	410 U (32)	410 U (32)	3900 U (32)	4000 U (32)
2,4,5-TRICHLOROPHENOL	95-95-4	ug/kg	3200 J (31)	3400 DJ (31)	580 (31)	590 (31)	860 J (31)	4000 U (31)
2,4,6-Trichlorophenol	88-06-2	ug/kg	4400 U (32)	18000 U (32)	410 U (32)	410 U (32)	3900 U (32)	4000 U (32)
2,4-DICHLOROPHENOL	120-83-2	ug/kg	4400 U (29)	18000 U (29)	41 J (29)	410 U (29)	950 J (29)	4000 U (29)
2,4-DIMETHYLPHENOL	105-67-9	ug/kg	4400 U (28)	18000 U (28)	410 U (28)	410 U (28)	3900 U (28)	4000 U (28)
2,4-DINITROPHENOL	51-28-5	ug/kg	23000 U (340)	92000 U (340)	2100 U (340)	2100 U (340)	20000 U (340)	21000 U (340)
2,4-DINITROTOLUENE	121-14-2	ug/kg	4400 U (22)	18000 U (22)	410 U (22)	410 U (22)	3900 U (22)	4000 U (22)
2,6-DINITROTOLUENE	606-20-2	ug/kg	4400 U (29)	18000 U (29)	410 U (29)	410 U (29)	3900 U (29)	4000 U (29)
2-CHLORONAPHTHALENE	91-58-7	ug/kg	4400 U (37)	18000 U (37)	410 U (37)	410 U (37)	3900 U (37)	4000 U (37)
2-CHLOROPHENOL	95-57-8	ug/kg	4400 U (41)	18000 U (41)	410 U (41)	410 U (41)	3900 U (41)	4000 U (41)
2-METHYLNAPHTHALENE	91-57-6	ug/kg	4400 U (29)	18000 U (29)	410 U (29)	410 U (29)	3900 U (29)	4000 U (29)
2-Methylphenol (o-Cresol)	95-48-7	ug/kg	4400 U (46)	18000 U (46)	410 U (46)	410 U (46)	3900 U (46)	4000 U (46)
2-NITROANILINE	88-74-4	ug/kg	23000 U (25)	92000 U (25)	2100 U (25)	2100 U (25)	20000 U (25)	21000 U (25)
2-NITROPHENOL	88-75-5	ug/kg	4400 U (26)	18000 U (26)	410 U (26)	410 U (26)	3900 U (26)	4000 U (26)
3,3'-DICHLOROBENZIDINE	91-94-1	ug/kg	8900 U (26)	36000 U (26)	810 U (26)	810 U (26)	7800 U (26)	8000 U (26)
3,5,5-TRIMETHYL-2-CYCLOHEXENE-1-ONE	78-59-1	ug/kg	4400 U (26)	18000 U (26)	410 U (26)	410 U (26)	3900 U (26)	4000 U (26)
3-Methylphenol/4-Methylphenol (m&p-Cresol)	106-44-5	ug/kg	4400 U (40)	18000 U (40)	410 U (40)	410 U (40)	3900 U (40)	4000 U (40)
3-NITROANILINE	99-09-2	ug/kg	23000 U (30)	92000 U (30)	2100 U (30)	2100 U (30)	20000 U (30)	21000 U (30)
4,6-Dinitro-2-methylphenol	534-52-1	ug/kg	23000 U (31)	92000 U (31)	2100 U (31)	2100 U (31)	20000 U (31)	21000 U (31)
4-BROMOPHENYL PHENYL ETHER	101-55-3	ug/kg	4400 U (30)	18000 U (30)	410 U (30)	410 U (30)	3900 U (30)	4000 U (30)
4-Chloro-3-methylphenol	59-50-7	ug/kg	4400 U (40)	18000 U (40)	410 U (40)	410 U (40)	3900 U (40)	4000 U (40)
4-CHLOROPHENYL PHENYL ETHER	7005-72-3	ug/kg	4400 U (26)	18000 U (26)	410 U (26)	410 U (26)	3900 U (26)	4000 U (26)
4-NITROPHENOL	100-02-7	ug/kg	23000 U (25)	92000 U (25)	2100 U (25)	2100 U (25)	20000 U (25)	21000 U (25)
Acenaphthene	83-32-9	ug/kg	4400 U (34)	18000 U (34)	410 U (34)	410 U (34)	3900 U (34)	4000 U (34)
ACENAPHTHYLENE	208-96-8	ug/kg	4400 U (25)	18000 U (25)	410 U (25)	410 U (25)	3900 U (25)	4000 U (25)
ACETOPHENONE	98-86-2	ug/kg	4400 U (28)	18000 U (28)	410 U (28)	410 U (28)	3900 U (28)	4000 U (28)
Aniline	62-53-3	ug/kg	2100 J (23)	18000 U (23)	410 U (23)	410 U (23)	1800 J (23)	4000 U (23)
ANTHRACENE	120-12-7	ug/kg	4400 U (32)	18000 U (32)	410 U (32)	410 U (32)	3900 U (32)	4000 U (32)
ATRAZINE	1912-24-9	ug/kg	4400 U (44)	18000 U (44)	410 U (44)	410 U (44)	3900 U (44)	4000 U (44)
BENZALDEHYDE	100-52-7	ug/kg	4400 U (26)	18000 U (26)	410 U (26)	410 U (26)	3900 U (26)	4000 U (26)
Benzo(a)anthracene	56-55-3	ug/kg	4400 U (36)	18000 U (36)	410 U (36)	410 U (36)	3900 U (36)	4000 U (36)
Benzo(a)pyrene	50-32-8	ug/kg	4400 U (32)	18000 U (32)	410 U (32)	410 U (32)	3900 U (32)	4000 U (32)
Benzo(b)fluoranthene	205-99-2	ug/kg	4400 U (33)	18000 U (33)	410 U (33)	410 U (33)	2000 J (33)	4000 U (33)
Benzo(g,h,i)perylene	191-24-2	ug/kg	4400 U (23)	18000 U (23)	410 U (23)	31 J (23)	3900 U (23)	4000 U (23)

B Analyte detected in the associated method blank.
D Diluted sample.
E Concentration exceeded the upper calibration limit.
J Estimated value greater than the mdl, but less than the reporting limit.
U Not detected.

PDA SVOC DATA
WASTE SAMPLES

Sample ID Test Type Sample Date Analytical Method			SB-B2W (0.5-6.0) Initial 7/31/2003 SW8270	SB-B2W (0.5-6.0) Reanalysis 7/31/2003 SW8270	SB-C3W (0.5-6.0) Initial 7/30/2003 SW8270	SB-C3W (0.5-6.0) Reanalysis 7/30/2003 SW8270	SB-TPI Initial 7/31/2003 SW8270	SB-WFD Initial 8/1/2003 SW8270
Chemical Name	**CAS No**	**Unit**						
Benzo(k)fluoranthene	207-08-9	ug/kg	4400 U (13)	18000 U (13)	410 U (13)	66 J (13)	150 J (13)	4000 U (13)
BENZYL BUTYL PHTHALATE	85-68-7	ug/kg	4400 U (32)	18000 U (32)	410 U (32)	410 U (32)	3900 U (32)	4000 U (32)
bis(2-Chloroethoxy)methane	111-91-1	ug/kg	4400 U (32)	18000 U (32)	410 U (32)	410 U (32)	3900 U (32)	4000 U (32)
bis(2-Chloroethyl)ether	111-44-4	ug/kg	4400 U (37)	18000 U (37)	410 U (37)	410 U (37)	3900 U (37)	4000 U (37)
bis(2-Ethylhexyl)phthalate	117-81-7	ug/kg	4400 U (44)	18000 U (44)	410 U (44)	410 U (44)	3900 U (44)	4000 U (44)
CAPROLACTAM	105-60-2	ug/kg	4400 U (65)	18000 U (65)	410 U (65)	410 U (65)	3900 U (65)	4000 U (65)
CARBAZOLE	86-74-8	ug/kg	4400 U (30)	18000 U (30)	410 U (30)	410 U (30)	3900 U (30)	4000 U (30)
Dibenzo(a,h)anthracene	53-70-3	ug/kg	4400 U (31)	18000 U (31)	410 U (31)	410 U (31)	3900 U (31)	4000 U (31)
DIBENZOFURAN	132-64-9	ug/kg	4400 U (34)	18000 U (34)	410 U (34)	410 U (34)	3900 U (34)	4000 U (34)
DIETHYL PHTHALATE	84-66-2	ug/kg	4400 U (35)	18000 U (35)	410 U (35)	410 U (35)	3900 U (35)	4000 U (35)
DIMETHYL PHTHALATE	131-11-3	ug/kg	4400 U (35)	18000 U (35)	410 U (35)	410 U (35)	3900 U (35)	4000 U (35)
Di-n-butylphthalate	84-74-2	ug/kg	4400 U (39)	18000 U (39)	410 U (39)	300 J (39)	3900 U (39)	4000 U (39)
Di-n-octylphthalate	117-84-0	ug/kg	4400 U (32)	18000 U (32)	410 U (32)	410 U (32)	3900 U (32)	4000 U (32)
Ethyl Parathion	56-38-2	ug/kg	4400 U (11)	18000 U (11)	410 U (11)	410 U (11)	3900 U (11)	4000 U (11)
FLUORANTHENE	206-44-0	ug/kg	4400 U (30)	18000 U (30)	410 U (30)	410 U (30)	450 J (30)	4000 U (30)
FLUORENE	86-73-7	ug/kg	4400 U (22)	18000 U (22)	410 U (22)	410 U (22)	3900 U (22)	4000 U (22)
HEXACHLORO-1,3-BUTADIENE	87-68-3	ug/kg	4400 U (27)	18000 U (27)	410 U (27)	410 U (27)	3900 U (27)	4000 U (27)
HEXACHLOROBENZENE	118-74-1	ug/kg	4400 U (38)	18000 U (38)	410 U (38)	410 U (38)	3900 U (38)	4000 U (38)
HEXACHLOROCYCLOPENTADIENE	77-47-4	ug/kg	4400 U (270)	18000 U (270)	410 U (270)	410 U (270)	3900 U (270)	4000 U (270)
HEXACHLOROETHANE	67-72-1	ug/kg	4400 U (19)	18000 U (19)	410 U (19)	410 U (19)	3900 U (19)	4000 U (19)
Indeno(1,2,3-cd)pyrene	193-39-5	ug/kg	4400 U (17)	18000 U (17)	410 U (17)	24 J (17)	3900 U (17)	4000 U (17)
NAPHTHALENE	91-20-3	ug/kg	4400 U (31)	18000 U (31)	410 U (31)	410 U (31)	2600 J (31)	4000 U (31)
NITROBENZENE	98-95-3	ug/kg	4400 U (31)	18000 U (31)	410 U (31)	410 U (31)	3900 U (31)	4000 U (31)
N-Nitroso-di-n-propylamine	621-64-7	ug/kg	4400 U (30)	18000 U (30)	410 U (30)	410 U (30)	3900 U (30)	4000 U (30)
N-NITROSODIPHENYLAMINE	86-30-6	ug/kg	160000 E (30)	180000 D (30)	3600 (30)	4000 (30)	790 J (30)	420 J (30)
P-CHLOROANILINE	106-47-8	ug/kg	8900 U (29)	36000 U (29)	810 U (29)	810 U (29)	7800 U (29)	8000 U (29)
PENTACHLOROPHENOL	87-86-5	ug/kg	23000 U (34)	92000 U (34)	360 J (34)	330 J (34)	20000 U (34)	21000 U (34)
PHENANTHRENE	85-01-8	ug/kg	4400 U (34)	18000 U (34)	410 U (34)	410 U (34)	530 J (34)	4000 U (34)
PHENOL	108-95-2	ug/kg	1900 J (41)	18000 U (41)	410 U (41)	410 U (41)	560 J (41)	4000 U (41)
P-NITROANILINE	100-01-6	ug/kg	23000 U (26)	92000 U (26)	2100 U (26)	2100 U (26)	20000 U (26)	21000 U (26)
PYRENE	129-00-0	ug/kg	4400 U (15)	18000 U (15)	410 U (15)	410 U (15)	400 J (15)	4000 U (15)

B Analyte detected in the associated method blank.
D Diluted sample.
E Concentration exceeded the upper calibration limit.
J Estimated value greater than the mdl, but less than the reporting limit.
U Not detected.

PDA SVOC DATA
TCLP/SPLP SAMPLES

Sample ID Test Type Sample Date Analytical Method			SB-B2W (0.5-6.0) (TCLP) Initial 7/31/2003 SW8270	SB-B2W (0.5-6.0) (SPLP) Initial 7/31/2003 SW8270	SB-B2W (0.5-6.0) (SPLP) Reanalysis 7/31/2003 SW8270	SB-C3W (0.5-6.0) (TCLP) Initial 7/30/2003 SW8270
Chemical Name	**CAS No**	**Unit**				
1,1-Biphenyl	92-52-4	ug/l	250 U (0.94)	100 U (0.94)	1000 U (0.94)	500 U (0.94)
1,2,4,5-TETRACHLOROBENZENE	95-94-3	ug/l	250 U (0.6)	100 U (0.6)	1000 U (0.6)	500 U (0.6)
1,2-BENZPHENANTHRACENE	218-01-9	ug/l	250 U (0.78)	100 U (0.78)	1000 U (0.78)	500 U (0.78)
2,2-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	108-60-1	ug/l	250 U (0.58)	100 U (0.58)	1000 U (0.58)	500 U (0.58)
2,4,5-TRICHLOROPHENOL	95-95-4	ug/l	570 (1.1)	2400 E (1.1)	2200 D (1.1)	2200 (1.1)
2,4,6-Trichlorophenol	88-06-2	ug/l	250 U (1.1)	100 U (1.1)	1000 U (1.1)	500 U (1.1)
2,4-DICHLOROPHENOL	120-83-2	ug/l	250 U (0.76)	100 U (0.76)	1000 U (0.76)	130 J (0.76)
2,4-DIMETHYLPHENOL	105-67-9	ug/l	250 U (1.1)	100 U (1.1)	1000 U (1.1)	500 U (1.1)
2,4-DINITROPHENOL	51-28-5	ug/l	1200 U (10)	500 U (10)	5000 U (10)	2500 U (10)
2,4-DINITROTOLUENE	121-14-2	ug/l	250 U (1.1)	100 U (1.1)	1000 U (1.1)	500 U (1.1)
2,6-DINITROTOLUENE	606-20-2	ug/l	250 U (0.87)	100 U (0.87)	1000 U (0.87)	500 U (0.87)
2-CHLORONAPHTHALENE	91-58-7	ug/l	250 U (1)	100 U (1)	1000 U (1)	500 U (1)
2-CHLOROPHENOL	95-57-8	ug/l	250 U (0.79)	100 U (0.79)	1000 U (0.79)	500 U (0.79)
2-METHYLNAPHTHALENE	91-57-6	ug/l	250 U (2.1)	100 U (2.1)	1000 U (2.1)	500 U (2.1)
2-Methylphenol (o-Cresol)	95-48-7	ug/l	250 U (0.59)	100 U (0.59)	1000 U (0.59)	500 U (0.59)
2-NITROANILINE	88-74-4	ug/l	1200 U (0.72)	500 U (0.72)	5000 U (0.72)	2500 U (0.72)
2-NITROPHENOL	88-75-5	ug/l	250 U (1.1)	100 U (1.1)	1000 U (1.1)	500 U (1.1)
3,3'-DICHLOROBENZIDINE	91-94-1	ug/l	500 U (1)	200 U (1)	2000 U (1)	1000 U (1)
3,5,5-TRIMETHYL-2-CYCLOHEXENE-1-ONE	78-59-1	ug/l	250 U (1)	100 U (1)	1000 U (1)	500 U (1)
3-Methylphenol/4-Methylphenol (m&p-Cresol)	106-44-5	ug/l	250 U (1)	100 U (1)	1000 U (1)	500 U (1)
3-NITROANILINE	99-09-2	ug/l	1200 U (0.64)	500 U (0.64)	5000 U (0.64)	2500 U (0.64)
4,6-Dinitro-2-methylphenol	534-52-1	ug/l	1200 U (10)	500 U (10)	5000 U (10)	2500 U (10)
4-BROMOPHENYL PHENYL ETHER	101-55-3	ug/l	250 U (1)	100 U (1)	1000 U (1)	500 U (1)
4-Chloro-3-methylphenol	59-50-7	ug/l	250 U (1)	100 U (1)	1000 U (1)	500 U (1)
4-CHLOROPHENYL PHENYL ETHER	7005-72-3	ug/l	250 U (0.7)	100 U (0.7)	1000 U (0.7)	500 U (0.7)
4-NITROPHENOL	100-02-7	ug/l	1200 U (5)	500 U (5)	5000 U (5)	620 J (5)
Acenaphthene	83-32-9	ug/l	250 U (1)	100 U (1)	1000 U (1)	500 U (1)
ACENAPHTHYLENE	208-96-8	ug/l	250 U (1)	100 U (1)	1000 U (1)	500 U (1)
ACETOPHENONE	98-86-2	ug/l	250 U (0.83)	100 U (0.83)	1000 U (0.83)	500 U (0.83)
Aniline	62-53-3	ug/l	500 U (0.54)	44 J (0.54)	2000 U (0.54)	1000 U (0.54)
ANTHRACENE	120-12-7	ug/l	250 U (0.5)	100 U (0.5)	1000 U (0.5)	500 U (0.5)
ATRAZINE	1912-24-9	ug/l	250 U (0.85)	100 U (0.85)	1000 U (0.85)	500 U (0.85)
BENZALDEHYDE	100-52-7	ug/l	250 U (0.87)	100 U (0.87)	1000 U (0.87)	500 U (0.87)
Benzo(a)anthracene	56-55-3	ug/l	250 U (0.8)	100 U (0.8)	1000 U (0.8)	500 U (0.8)
Benzo(a)pyrene	50-32-8	ug/l	250 U (0.59)	100 U (0.59)	1000 U (0.59)	79 J (0.59)
Benzo(b)fluoranthene	205-99-2	ug/l	250 U (2)	100 U (2)	1000 U (2)	500 U (2)
Benzo(g,h,i)perylene	191-24-2	ug/l	250 U (0.62)	100 U (0.62)	1000 U (0.62)	130 J (0.62)

B Analyte detected in the associated method blank.
D Diluted sample.
E Concentration exceeded the upper calibration limit.
J Estimated value greater than the mdl, but less than the reporting limit.
U Not detected.

PDA SVOC DATA
TCLP/SPLP SAMPLES

Sample ID Test Type Sample Date Analytical Method			SB-B2W (0.5-6.0) (TCLP) Initial 7/31/2003 SW8270	SB-B2W (0.5-6.0) (SPLP) Initial 7/31/2003 SW8270	SB-B2W (0.5-6.0) (SPLP) Reanalysis 7/31/2003 SW8270	SB-C3W (0.5-6.0) (TCLP) Initial 7/30/2003 SW8270
Chemical Name	**CAS No**	**Unit**				
Benzo(k)fluoranthene	207-08-9	ug/l	250 U (1.2)	100 U (1.2)	1000 U (1.2)	80 J (1.2)
BENZYL BUTYL PHTHALATE	85-68-7	ug/l	250 U (0.74)	100 U (0.74)	1000 U (0.74)	500 U (0.74)
bis(2-Chloroethoxy)methane	111-91-1	ug/l	250 U (1)	100 U (1)	1000 U (1)	500 U (1)
bis(2-Chloroethyl)ether	111-44-4	ug/l	250 U (1)	100 U (1)	1000 U (1)	500 U (1)
bis(2-Ethylhexyl)phthalate	117-81-7	ug/l	250 U (2.4)	100 U (2.4)	1000 U (2.4)	500 U (2.4)
CAPROLACTAM	105-60-2	ug/l	250 U (1.9)	100 U (1.9)	1000 U (1.9)	500 U (1.9)
CARBAZOLE	86-74-8	ug/l	250 U (0.54)	12 J (0.54)	1000 U (0.54)	500 U (0.54)
Dibenzo(a,h)anthracene	53-70-3	ug/l	250 U (0.64)	100 U (0.64)	1000 U (0.64)	120 J (0.64)
DIBENZOFURAN	132-64-9	ug/l	250 U (1)	100 U (1)	1000 U (1)	500 U (1)
DIETHYL PHTHALATE	84-66-2	ug/l	250 U (1)	100 U (1)	1000 U (1)	500 U (1)
DIMETHYL PHTHALATE	131-11-3	ug/l	250 U (0.57)	100 U (0.57)	1000 U (0.57)	500 U (0.57)
Di-n-butylphthalate	84-74-2	ug/l	250 U (1)	100 U (1)	1000 U (1)	500 U (1)
Di-n-octylphthalate	117-84-0	ug/l	250 U (1.2)	100 U (1.2)	1000 U (1.2)	340 J (1.2)
Ethyl Parathion	56-38-2	ug/l	250 U (0.57)	100 U (0.57)	1000 U (0.57)	4600 (0.57)
FLUORANTHENE	206-44-0	ug/l	250 U (0.61)	100 U (0.61)	1000 U (0.61)	500 U (0.61)
FLUORENE	86-73-7	ug/l	250 U (1)	100 U (1)	1000 U (1)	500 U (1)
HEXACHLORO-1,3-BUTADIENE	87-68-3	ug/l	250 U (0.5)	100 U (0.5)	1000 U (0.5)	500 U (0.5)
HEXACHLOROBENZENE	118-74-1	ug/l	250 U (0.61)	100 U (0.61)	1000 U (0.61)	500 U (0.61)
HEXACHLOROCYCLOPENTADIENE	77-47-4	ug/l	250 U (1.1)	100 U (1.1)	1000 U (1.1)	500 U (1.1)
HEXACHLOROETHANE	67-72-1	ug/l	250 U (0.7)	100 U (0.7)	1000 U (0.7)	500 U (0.7)
Indeno(1,2,3-cd)pyrene	193-39-5	ug/l	250 U (0.85)	100 U (0.85)	1000 U (0.85)	350 J (0.85)
NAPHTHALENE	91-20-3	ug/l	250 U (1)	100 U (1)	1000 U (1)	500 U (1)
NITROBENZENE	98-95-3	ug/l	250 U (1)	100 U (1)	1000 U (1)	500 U (1)
N-Nitroso-di-n-propylamine	621-64-7	ug/l	250 U (1)	100 U (1)	1000 U (1)	500 U (1)
N-NITROSODIPHENYLAMINE	86-30-6	ug/l	3000 (1)	9900 E (1)	12000 D (1)	980 (1)
P-CHLOROANILINE	106-47-8	ug/l	500 U (1)	200 U (1)	2000 U (1)	1000 U (1)
PENTACHLOROPHENOL	87-86-5	ug/l	1200 U (2)	500 U (2)	5000 U (2)	2500 U (2)
PHENANTHRENE	85-01-8	ug/l	250 U (1)	100 U (1)	1000 U (1)	500 U (1)
PHENOL	108-95-2	ug/l	280 (1)	200 (1)	1000 U (1)	500 U (1)
P-NITROANILINE	100-01-6	ug/l	1200 U (0.86)	500 U (0.86)	5000 U (0.86)	2500 U (0.86)
PYRENE	129-00-0	ug/l	250 U (1)	100 U (1)	1000 U (1)	500 U (1)

B Analyte detected in the associated method blank.
D Diluted sample.
E Concentration exceeded the upper calibration limit.
J Estimated value greater than the mdl, but less than the reporting limit.
U Not detected.

PDA SVOC DATA
TCLP/SPLP SAMPLES

Sample ID			SB-C3W (0.5-6.0) (SPLP)	SB-TPI (TCLP)	SB-TPI (SPLP)	SB-WFD (TCLP)	SB-WFD (SPLP)
Test Type			Initial	Initial	Initial	Initial	Initial
Sample Date			7/30/2003	7/31/2003	7/31/2003	8/1/2003	8/1/2003
Analytical Method			SW8270	SW8270	SW8270	SW8270	SW8270
Chemical Name	**CAS No**	**Unit**					
1,1-Biphenyl	92-52-4	ug/l	50 U (0.94)	100 U (0.94)	10 U (0.94)	10 U (0.94)	10 U (0.94)
1,2,4,5-TETRACHLOROBENZENE	95-94-3	ug/l	50 U (0.6)	100 U (0.6)	10 U (0.6)	10 U (0.6)	10 U (0.6)
1,2-BENZPHENANTHRACENE	218-01-9	ug/l	50 U (0.78)	100 U (0.78)	10 U (0.78)	10 U (0.78)	10 U (0.78)
2,2-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	108-60-1	ug/l	50 U (0.58)	100 U (0.58)	10 U (0.58)	10 U (0.58)	10 U (0.58)
2,4,5-TRICHLOROPHENOL	95-95-4	ug/l	660 (1.1)	240 (1.1)	52 (1.1)	10 U (1.1)	1.7 J (1.1)
2,4,6-Trichlorophenol	88-06-2	ug/l	50 U (1.1)	26 J (1.1)	11 (1.1)	10 U (1.1)	10 U (1.1)
2,4-DICHLOROPHENOL	120-83-2	ug/l	23 J (0.76)	1100 (0.76)	56 (0.76)	10 U (0.76)	10 U (0.76)
2,4-DIMETHYLPHENOL	105-67-9	ug/l	50 U (1.1)	16 J (1.1)	2.7 J (1.1)	10 U (1.1)	10 U (1.1)
2,4-DINITROPHENOL	51-28-5	ug/l	250 U (10)	500 U (10)	50 U (10)	50 U (10)	50 U (10)
2,4-DINITROTOLUENE	121-14-2	ug/l	50 U (1.1)	100 U (1.1)	10 U (1.1)	10 U (1.1)	10 U (1.1)
2,6-DINITROTOLUENE	606-20-2	ug/l	50 U (0.87)	100 U (0.87)	10 U (0.87)	10 U (0.87)	10 U (0.87)
2-CHLORONAPHTHALENE	91-58-7	ug/l	50 U (1)	100 U (1)	10 U (1)	10 U (1)	10 U (1)
2-CHLOROPHENOL	95-57-8	ug/l	50 U (0.79)	33 J (0.79)	10 U (0.79)	10 U (0.79)	10 U (0.79)
2-METHYLNAPHTHALENE	91-57-6	ug/l	50 U (2.1)	100 U (2.1)	10 U (2.1)	10 U (2.1)	10 U (2.1)
2-Methylphenol (o-Cresol)	95-48-7	ug/l	50 U (0.59)	100 U (0.59)	10 U (0.59)	10 U (0.59)	10 U (0.59)
2-NITROANILINE	88-74-4	ug/l	250 U (0.72)	500 U (0.72)	50 U (0.72)	50 U (0.72)	50 U (0.72)
2-NITROPHENOL	88-75-5	ug/l	50 U (1.1)	100 U (1.1)	10 U (1.1)	10 U (1.1)	10 U (1.1)
3,3'-DICHLOROBENZIDINE	91-94-1	ug/l	100 U (1)	200 U (1)	20 U (1)	20 U (1)	20 U (1)
3,5,5-TRIMETHYL-2-CYCLOHEXENE-1-ONE	78-59-1	ug/l	50 U (1)	100 U (1)	10 U (1)	10 U (1)	10 U (1)
3-Methylphenol/4-Methylphenol (m&p-Cresol)	106-44-5	ug/l	15 J (1)	120 (1)	24 (1)	10 U (1)	10 U (1)
3-NITROANILINE	99-09-2	ug/l	250 U (0.64)	500 U (0.64)	50 U (0.64)	50 U (0.64)	50 U (0.64)
4,6-Dinitro-2-methylphenol	534-52-1	ug/l	250 U (10)	500 U (10)	50 U (10)	50 U (10)	50 U (10)
4-BROMOPHENYL PHENYL ETHER	101-55-3	ug/l	50 U (1)	100 U (1)	10 U (1)	10 U (1)	10 U (1)
4-Chloro-3-methylphenol	59-50-7	ug/l	50 U (1)	100 U (1)	10 U (1)	10 U (1)	10 U (1)
4-CHLOROPHENYL PHENYL ETHER	7005-72-3	ug/l	50 U (0.7)	100 U (0.7)	10 U (0.7)	10 U (0.7)	10 U (0.7)
4-NITROPHENOL	100-02-7	ug/l	250 (5)	500 U (5)	50 U (5)	50 U (5)	50 U (5)
Acenaphthene	83-32-9	ug/l	50 U (1)	100 U (1)	10 U (1)	10 U (1)	10 U (1)
ACENAPHTHYLENE	208-96-8	ug/l	50 U (1)	100 U (1)	10 U (1)	10 U (1)	10 U (1)
ACETOPHENONE	98-86-2	ug/l	50 U (0.83)	100 U (0.83)	10 U (0.83)	10 U (0.83)	10 U (0.83)
Aniline	62-53-3	ug/l	4.5 J (0.54)	200 U (0.54)	64 (0.54)	20 U (0.54)	20 U (0.54)
ANTHRACENE	120-12-7	ug/l	50 U (0.5)	100 U (0.5)	10 U (0.5)	10 U (0.5)	10 U (0.5)
ATRAZINE	1912-24-9	ug/l	50 U (0.85)	100 U (0.85)	10 U (0.85)	10 U (0.85)	10 U (0.85)
BENZALDEHYDE	100-52-7	ug/l	5.1 J (0.87)	100 U (0.87)	10 U (0.87)	10 U (0.87)	10 U (0.87)
Benzo(a)anthracene	56-55-3	ug/l	50 U (0.8)	100 U (0.8)	10 U (0.8)	10 U (0.8)	10 U (0.8)
Benzo(a)pyrene	50-32-8	ug/l	50 U (0.59)	100 U (0.59)	10 U (0.59)	10 U (0.59)	10 U (0.59)
Benzo(b)fluoranthene	205-99-2	ug/l	50 U (2)	100 U (2)	10 U (2)	10 U (2)	10 U (2)
Benzo(g,h,i)perylene	191-24-2	ug/l	50 U (0.62)	100 U (0.62)	10 U (0.62)	10 U (0.62)	10 U (0.62)

B Analyte detected in the associated method blank.
D Diluted sample.
E Concentration exceeded the upper calibration limit.
J Estimated value greater than the mdl, but less than the reporting limit.
U Not detected.

PDA SVOC DATA
TCLP/SPLP SAMPLES

Sample ID			SB-C3W (0.5-6.0) (SPLP)	SB-TPI (TCLP)	SB-TPI (SPLP)	SB-WFD (TCLP)	SB-WFD (SPLP)
Test Type			Initial	Initial	Initial	Initial	Initial
Sample Date			7/30/2003	7/31/2003	7/31/2003	8/1/2003	8/1/2003
Analytical Method			SW8270	SW8270	SW8270	SW8270	SW8270
Chemical Name	**CAS No**	**Unit**					
Benzo(k)fluoranthene	207-08-9	ug/l	50 U (1.2)	100 U (1.2)	10 U (1.2)	10 U (1.2)	10 U (1.2)
BENZYL BUTYL PHTHALATE	85-68-7	ug/l	50 U (0.74)	100 U (0.74)	10 U (0.74)	10 U (0.74)	10 U (0.74)
bis(2-Chloroethoxy)methane	111-91-1	ug/l	50 U (1)	100 U (1)	10 U (1)	10 U (1)	10 U (1)
bis(2-Chloroethyl)ether	111-44-4	ug/l	50 U (1)	100 U (1)	10 U (1)	10 U (1)	10 U (1)
bis(2-Ethylhexyl)phthalate	117-81-7	ug/l	50 U (2.4)	100 U (2.4)	10 U (2.4)	10 U (2.4)	10 U (2.4)
CAPROLACTAM	105-60-2	ug/l	50 U (1.9)	100 U (1.9)	10 U (1.9)	10 U (1.9)	10 U (1.9)
CARBAZOLE	86-74-8	ug/l	50 U (0.54)	100 U (0.54)	0.97 J (0.54)	0.55 J (0.54)	10 U (0.54)
Dibenzo(a,h)anthracene	53-70-3	ug/l	50 U (0.64)	100 U (0.64)	10 U (0.64)	10 U (0.64)	10 U (0.64)
DIBENZOFURAN	132-64-9	ug/l	50 U (1)	100 U (1)	10 U (1)	10 U (1)	10 U (1)
DIETHYL PHTHALATE	84-66-2	ug/l	50 U (1)	100 U (1)	10 U (1)	10 U (1)	10 U (1)
DIMETHYL PHTHALATE	131-11-3	ug/l	50 U (0.57)	100 U (0.57)	10 U (0.57)	10 U (0.57)	10 U (0.57)
Di-n-butylphthalate	84-74-2	ug/l	50 U (1)	100 U (1)	10 U (1)	10 U (1)	10 U (1)
Di-n-octylphthalate	117-84-0	ug/l	50 U (1.2)	100 U (1.2)	10 U (1.2)	10 U (1.2)	10 U (1.2)
Ethyl Parathion	56-38-2	ug/l	50 U (0.57)	100 U (0.57)	10 U (0.57)	10 U (0.57)	10 U (0.57)
FLUORANTHENE	206-44-0	ug/l	50 U (0.61)	100 U (0.61)	10 U (0.61)	10 U (0.61)	10 U (0.61)
FLUORENE	86-73-7	ug/l	50 U (1)	100 U (1)	10 U (1)	10 U (1)	10 U (1)
HEXACHLORO-1,3-BUTADIENE	87-68-3	ug/l	50 U (0.5)	100 U (0.5)	10 U (0.5)	10 U (0.5)	10 U (0.5)
HEXACHLOROBENZENE	118-74-1	ug/l	50 U (0.61)	100 U (0.61)	10 U (0.61)	10 U (0.61)	10 U (0.61)
HEXACHLOROCYCLOPENTADIENE	77-47-4	ug/l	50 U (1.1)	100 U (1.1)	10 U (1.1)	10 U (1.1)	10 U (1.1)
HEXACHLOROETHANE	67-72-1	ug/l	50 U (0.7)	100 U (0.7)	10 U (0.7)	10 U (0.7)	10 U (0.7)
Indeno(1,2,3-cd)pyrene	193-39-5	ug/l	50 U (0.85)	100 U (0.85)	10 U (0.85)	10 U (0.85)	10 U (0.85)
NAPHTHALENE	91-20-3	ug/l	50 U (1)	130 (1)	110 (1)	10 U (1)	10 U (1)
NITROBENZENE	98-95-3	ug/l	50 U (1)	100 U (1)	10 U (1)	10 U (1)	10 U (1)
N-Nitroso-di-n-propylamine	621-64-7	ug/l	50 U (1)	100 U (1)	10 U (1)	10 U (1)	10 U (1)
N-NITROSODIPHENYLAMINE	86-30-6	ug/l	61 (1)	61 J (1)	28 (1)	6.4 J (1)	8.6 J (1)
P-CHLOROANILINE	106-47-8	ug/l	100 U (1)	200 U (1)	20 U (1)	20 U (1)	20 U (1)
PENTACHLOROPHENOL	87-86-5	ug/l	340 (2)	500 U (2)	50 U (2)	50 U (2)	50 U (2)
PHENANTHRENE	85-01-8	ug/l	50 U (1)	100 U (1)	10 U (1)	10 U (1)	10 U (1)
PHENOL	108-95-2	ug/l	15 J (1)	51 J (1)	40 (1)	10 U (1)	10 U (1)
P-NITROANILINE	100-01-6	ug/l	250 U (0.86)	500 U (0.86)	50 U (0.86)	50 U (0.86)	50 U (0.86)
PYRENE	129-00-0	ug/l	50 U (1)	100 U (1)	10 U (1)	10 U (1)	10 U (1)

B Analyte detected in the associated method blank.
D Diluted sample.
E Concentration exceeded the upper calibration limit.
J Estimated value greater than the mdl, but less than the reporting limit.
U Not detected.

PDA HERBICIDE DATA
SOIL SAMPLES

Sample ID			SB-A3 (0-0.5)	SB-A3 (0.5-6.0)	SB-B2 (0-0.5)	SB-B2 (0.5-6.0)	SB-B2A (0-0.5)	SB-B2A (0.5-6.0)	SB-B3 (0-0.5)	SB-B3 (0.5-6.0)
Test Type			Initial	Initial	Initial	Initial	Initial	Initial	Initial	Initial
Sample Date			7/31/2003	7/31/2003	7/31/2003	7/31/2003	7/31/2003	7/31/2003	7/31/2003	7/31/2003
Analytical Method			SW8151	SW8151	SW8151	SW8151	SW8151	SW8151	SW8151	SW8151
Chemical Name	CAS No	Unit								
2,4,5-T	93-76-5	ug/kg	94 (0.54)	120 (0.54)	350 (0.54)	630 (0.54)	300 (0.54)	930 (0.54)	4.7 JP (0.54)	5.7 JP (0.54)
2,4,5-TP (Silvex)	93-72-1	ug/kg	9.4 U (0.53)	9.8 U (0.53)	520 (0.53)	49 U (0.53)	34 J (0.53)	95 U (0.53)	12 U (0.53)	14 U (0.53)
2,4-D	94-75-7	ug/kg	9.4 U (0.76)	9.8 U (0.76)	37 U (0.76)	49 U (0.76)	37 U (0.76)	95 U (0.76)	12 U (0.76)	14 U (0.76)
PENTACHLOROPHENOL	87-86-5	ug/kg	19 U (2.8)	20 U (2.8)	76 U (2.8)	100 U (2.8)	76 U (2.8)	200 U (2.8)	26 U (2.8)	29 U (2.8)

Sample ID			SB-C2 (0-0.5)	SB-C2 (0.5-6.0)	SB-C2 (0.5-6.0)	SB-C3 (0-0.5)	SB-C3 (0.5-6.0)	SB-C5 (0-0.5)	SB-C5 (0.5-6.0)	SB-D1 (0-0.5)
Test Type			Initial	Initial	Reanalysis	Initial	Initial	Initial	Initial	Initial
Sample Date			7/31/2003	7/31/2003	7/31/2003	7/30/2003	7/30/2003	7/30/2003	7/30/2003	7/30/2003
Analytical Method			SW8151	SW8151	SW8151	SW8151	SW8151	SW8151	SW8151	SW8151
Chemical Name	CAS No	Unit								
2,4,5-T	93-76-5	ug/kg	72 (0.54)	29 (0.54)	100 (0.54)	7.4 J (0.54)	3900 (0.54)	9.6 U (0.54)	10 U (0.54)	81 (0.54)
2,4,5-TP (Silvex)	93-72-1	ug/kg	13 U (0.53)	13 U (0.53)	13 U (0.53)	9.3 U (0.53)	490 U (0.53)	9.6 U (0.53)	10 U (0.53)	10 U (0.53)
2,4-D	94-75-7	ug/kg	13 U (0.76)	13 U (0.76)	13 U (0.76)	9.3 U (0.76)	490 U (0.76)	9.6 U (0.76)	10 U (0.76)	10 U (0.76)
PENTACHLOROPHENOL	87-86-5	ug/kg	26 U (2.8)	26 U (2.8)	11 J (2.8)	3.5 JP (2.8)	7300 (2.8)	20 U (2.8)	22 U (2.8)	18 JP (2.8)

Sample ID			SB-D1 (0.5-6.0)	SB-D2 (0-0.5)	SB-D2 (0.5-6.0)	SB-D3 (0.0.5)	SB-D3 (0.5-6.0)	SB-D4 (0-0.5)	SB-D4 (0.5-6.0)	SB-D5 (0-0.5)
Test Type			Initial	Initial	Initial	Initial	Initial	Initial	Initial	Initial
Sample Date			7/30/2003	7/30/2003	7/30/2003	7/31/2003	7/31/2003	8/1/2003	8/1/2003	8/1/2003
Analytical Method			SW8151	SW8151	SW8151	SW8151	SW8151	SW8151	SW8151	SW8151
Chemical Name	CAS No	Unit								
2,4,5-T	93-76-5	ug/kg	9.8 U (0.54)	13 (0.54)	30 J (0.54)	39 P (0.54)	220 (0.54)	10 U (0.54)	10 U (0.54)	10 U (0.54)
2,4,5-TP (Silvex)	93-72-1	ug/kg	9.8 U (0.53)	10 U (0.53)	47 U (0.53)	9.8 U (0.53)	40 U (0.53)	10 U (0.53)	10 U (0.53)	10 U (0.53)
2,4-D	94-75-7	ug/kg	9.8 U (0.76)	10 U (0.76)	47 U (0.76)	9.8 U (0.76)	40 U (0.76)	10 U (0.76)	10 U (0.76)	10 U (0.76)
PENTACHLOROPHENOL	87-86-5	ug/kg	20 U (2.8)	21 U (2.8)	17 JP (2.8)	65 P (2.8)	82 U (2.8)	4.8 JP (2.8)	21 U (2.8)	20 U (2.8)

D Diluted sample.
E Concentration exceeded the upper calibration limit.
J Estimated value greater than the mdl, but less than the reporting limit.
P RPD is greater than 40% for detected concentrations between detectors.
U Not detected.

PDA HERBICIDE DATA
SOIL SAMPLES

Sample ID			SB-D5 (0.5-6.0)	SB-D6 (0-0.5)	SB-D6 (0.5-6.0)	SB-E1 (0-0.5)	SB-E1 (0.5-6.0)	SB-E2 (0-0.5)	SB-E2 (0.5-6.0)	SB-E2 (0.5-6.0)
Test Type			Initial	Initial	Initial	Initial	Initial	Initial	Initial	Reanalysis
Sample Date			8/1/2003	8/1/2003	8/1/2003	7/29/2003	7/29/2003	7/29/2003	7/29/2003	7/29/2003
Analytical Method			SW8151	SW8151	SW8151	SW8151	SW8151	SW8151	SW8151	SW8151
Chemical Name	CAS No	Unit								
2,4,5-T	93-76-5	ug/kg	10 U (0.54)	9 P (0.54)	10 U (0.54)	170 (0.54)	1500 P (0.54)	17 P (0.54)	10000 E (0.54)	8700 D (0.54)
2,4,5-TP (Silvex)	93-72-1	ug/kg	10 U (0.53)	8.9 U (0.53)	10 U (0.53)	19 U (0.53)	190 (0.53)	9.4 U (0.53)	86 J (0.53)	1100 U (0.53)
2,4-D	94-75-7	ug/kg	10 U (0.76)	8.9 U (0.76)	10 U (0.76)	19 U (0.76)	95 U (0.76)	9.4 U (0.76)	110 U (0.76)	1100 U (0.76)
PENTACHLOROPHENOL	87-86-5	ug/kg	21 U (2.8)	18 U (2.8)	21 U (2.8)	77 P (2.8)	200 U (2.8)	6.6 JP (2.8)	220 U (2.8)	2200 U (2.8)

Sample ID			SB-E3 (0-0.5)	SB-E3 (0.5-6.0)	SB-E4 (0-0.5)	SB-E4 (0.5-6.0)	SB-E5 (0-0.5)	SB-E5 (0.5-6.0)	SB-E6 (0-0.5)	SB-E6 (0.5-6.0)
Test Type			Initial	Initial	Initial	Initial	Initial	Initial	Initial	Initial
Sample Date			7/31/2003	7/31/2003	7/31/2003	7/31/2003	8/1/2003	8/1/2003	8/1/2003	8/1/2003
Analytical Method			SW8151	SW8151	SW8151	SW8151	SW8151	SW8151	SW8151	SW8151
Chemical Name	CAS No	Unit								
2,4,5-T	93-76-5	ug/kg	14 (0.54)	120 (0.54)	180 (0.54)	9.3 J (0.54)	73 (0.54)	80 (0.54)	9.6 U (0.54)	10 U (0.54)
2,4,5-TP (Silvex)	93-72-1	ug/kg	10 U (0.53)	21 U (0.53)	20 U (0.53)	10 U (0.53)	9.9 U (0.53)	11 U (0.53)	9.6 U (0.53)	10 U (0.53)
2,4-D	94-75-7	ug/kg	10 U (0.76)	21 U (0.76)	20 U (0.76)	10 U (0.76)	9.9 U (0.76)	11 U (0.76)	9.6 U (0.76)	10 U (0.76)
PENTACHLOROPHENOL	87-86-5	ug/kg	22 (2.8)	11 JP (2.8)	15 JP (2.8)	21 U (2.8)	7.2 JP (2.8)	18 J (2.8)	20 U (2.8)	21 U (2.8)

Sample ID			SB-F1 (0-0.5)	SB-F1 (0.5-6.0)	SB-F2 (0-0.5)	SB-F2 (0.5-6.0)	SB-F3 (0-0.5)	SB-F3 (0.5-6.0)
Test Type			Initial	Initial	Initial	Initial	Initial	Initial
Sample Date			7/30/2003	7/30/2003	7/29/2003	7/29/2003	7/29/2003	7/29/2003
Analytical Method			SW8151	SW8151	SW8151	SW8151	SW8151	SW8151
Chemical Name	CAS No	Unit						
2,4,5-T	93-76-5	ug/kg	14 P (0.54)	2.4 JP (0.54)	45 (0.54)	5.1 J (0.54)	76 (0.54)	10 U (0.54)
2,4,5-TP (Silvex)	93-72-1	ug/kg	12 U (0.53)	11 U (0.53)	9.9 U (0.53)	10 U (0.53)	9.9 U (0.53)	10 U (0.53)
2,4-D	94-75-7	ug/kg	12 U (0.76)	11 U (0.76)	9.9 U (0.76)	10 U (0.76)	9.9 U (0.76)	10 U (0.76)
PENTACHLOROPHENOL	87-86-5	ug/kg	25 U (2.8)	22 U (2.8)	8.2 JP (2.8)	21 U (2.8)	5.4 JP (2.8)	21 U (2.8)

D Diluted sample.
E Concentration exceeded the upper calibration limit.
J Estimated value greater than the mdl, but less than the reporting limit.
P RPD is greater than 40% for detected concentrations between detectors.
U Not detected.

PDA HERBICIDE DATA
WASTE SAMPLES

Sample ID Test Type Sample Date Analytical Method			SB-B2W (0.5-6.0) Initial 7/31/2003 SW8151	SB-C3W (0.5-6.0) Initial 7/30/2003 SW8151	SB-TPI Initial 7/31/2003 SW8151	SB-WFD Initial 8/1/2003 SW8151
Chemical Name	**CAS No**	**Unit**				
2,4,5-T	93-76-5	ug/kg	1600 (0.54)	140 P (0.54)	670 P (0.54)	50 J (0.54)
2,4,5-TP (Silvex)	93-72-1	ug/kg	110 U (0.53)	51 U (0.53)	99 U (0.53)	51 U (0.53)
2,4-D	94-75-7	ug/kg	110 U (0.76)	51 U (0.76)	280 P (0.76)	51 U (0.76)
PENTACHLOROPHENOL	87-86-5	ug/kg	230 U (2.8)	100 U (2.8)	200 U (2.8)	100 U (2.8)

J Estimated value greater than the mdl, but less than the reporting limit.
P RPD is greater than 40% for detected concentrations between detectors.
U Not detected.

PDA HERBICIDE DATA
TCLP/SPLP SAMPLES

Sample ID			SB-B2W (0.5-6.0) (TCLP)	SB-B2W (0.5-6.0) (TCLP)	SB-B2W (0.5-6.0) (SPLP)	SB-C3W (0.5-6.0) (TCLP)
Test Type			Initial	Reanalysis	Initial	Initial
Sample Date			7/31/2003	7/31/2003	7/31/2003	7/30/2003
Analytical Method			SW8151	SW8151	SW8151	SW8151
Chemical Name	CAS No	Unit				
2,4,5-T	93-76-5	ug/l	140 E (0.057)	130 D (0.057)	91 (0.54)	18 (0.057)
2,4,5-TP (Silvex)	93-72-1	ug/l	10 U (0.054)	25 U (0.054)	10 U (0.53)	5 U (0.054)
2,4-D	94-75-7	ug/l	10 U (0.13)	25 U (0.13)	10 U (0.76)	5 U (0.13)
PENTACHLOROPHENOL	87-86-5	ug/l	20 U (0.1)	50 U (0.1)	20 U (2.8)	3.1 JP (0.1)

Sample ID			SB-C3W (0.5-6.0) (SPLP)	SB-C3W (0.5-6.0) (SPLP)	SB-TPI (TCLP)	SB-TPI (TCLP)
Test Type			Initial	Reanalysis	Initial	Reanalysis
Sample Date			7/30/2003	7/30/2003	7/31/2003	7/31/2003
Analytical Method			SW8151	SW8151	SW8151	SW8151
Chemical Name	CAS No	Unit				
2,4,5-T	93-76-5	ug/l	69 (0.54)	67 DJ (0.54)	270 E (0.057)	240 D (0.057)
2,4,5-TP (Silvex)	93-72-1	ug/l	50 U (0.53)	100 U (0.53)	10 U (0.054)	50 U (0.054)
2,4-D	94-75-7	ug/l	50 U (0.76)	100 U (0.76)	240 EP (0.13)	280 DP (0.13)
PENTACHLOROPHENOL	87-86-5	ug/l	650 E (2.8)	800 D (2.8)	20 U (0.1)	100 U (0.1)

Sample ID			SB-TPI (SPLP)	SB-WFD (TCLP)	SB-WFD (SPLP)
Test Type			Initial	Initial	Initial
Sample Date			7/31/2003	8/1/2003	8/1/2003
Analytical Method			SW8151	SW8151	SW8151
Chemical Name	CAS No	Unit			
2,4,5-T	93-76-5	ug/l	9.4 (0.54)	0.29 JP (0.057)	0.19 JP (0.54)
2,4,5-TP (Silvex)	93-72-1	ug/l	2 U (0.53)	0.5 U (0.054)	0.5 U (0.53)
2,4-D	94-75-7	ug/l	2 U (0.76)	0.5 U (0.13)	0.5 U (0.76)
PENTACHLOROPHENOL	87-86-5	ug/l	2.6 JP (2.8)	1 U (0.1)	0.23 JP (2.8)

D Diluted Sample.
E Concentration exceeded the upper calibration limit.
J Estimated value greater than the mdl, but less than the reporting limit.
P RPD is greater than 40% for detected concentrations between detectors.
U Not detected.

PDA DIOXIN DATA
SOIL SAMPLES

Sample ID Test Type Sample Date Analytical Method			SB-B3(0-0.5) Initial 7/31/2003 E1613B	SB-B3(0.5-6.0) Initial 7/31/2003 E1613B	SB-D3(0-0.5) Initial 7/31/2003 E1613B	SB-D3(0.5-6.0) Initial 7/31/2003 E1613B
Chemical Name	**CAS No**	**Unit**				
1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	35822-46-9	pg/g	190	52	4100 E	320
1,2,3,4,6,7,8-HpCDF	67562-39-4	pg/g	61	13	930	31
1,2,3,4,7,8,9-HpCDF	55673-89-7	pg/g	4.7 J	< 0.96 U	78	< 3.0 U
1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	39227-28-6	pg/g	10	< 1.4 U	36	82
1,2,3,4,7,8-HxCDF	70648-26-9	pg/g	40	8.2 J	170	6.7
1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	57653-85-7	pg/g	15	< 4.0 U	310	120
1,2,3,6,7,8-HxCDF	57117-44-9	pg/g	6.8 J	< 2.1 U	34	3.7 J
1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	19408-74-3	pg/g	12	< 2.1 U	68	89
1,2,3,7,8,9-HxCDF	72918-21-9	pg/g	< 0.21 U	< 1.1 U	< 1.0 U	< 0.27 U
1,2,3,7,8-PENTACHLORODIBENZOFURAN	57117-41-6	pg/g	8.4 JA	< 4.0 U	13	4.7 J
1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	40321-76-4	pg/g	25	< 3.9 U	130	260
2,3,4,6,7,8-HxCDF	60851-34-5	pg/g	5.0 J	< 2.7 U	27	< 2.3 U
2,3,4,7,8-PeCDF	57117-31-4	pg/g	22	5.3 JA	63	11
2,3,7,8-TCDD	1746-01-6	pg/g	520	210	2100 E	1900 E
2,3,7,8-TETRACHLORODIBENZOFURAN	51207-31-9	pg/g	46 CON	21 CON	50 CON	33 CON
OCDD	3268-87-9	pg/g	2300	690	52000 E D	1500
OCDF	39001-02-0	pg/g	150	14 J	2200	63
Total HpCDD	37871-00-4	pg/g	360	120	7900	560
Total HpCDF	38998-75-3	pg/g	140	23	4300	76
Total HxCDD	34465-46-8	pg/g	110	19	1300	720
Total HxCDF	55684-94-1	pg/g	120	15	1200	51
Total PeCDD	36088-22-9	pg/g	43	< 3.9 U	270	500
Total PeCDF	30402-15-4	pg/g	190	37	340	140
Total TCDD	41903-57-5	pg/g	560	230	2200	2000
Total TCDF	55722-27-5	pg/g	230	80	190	190
TEQ	---	pg/g	560	220	2400	2100

CON Confirmed by a second column.
E Estimated result. Concentration exceeded the calibration range.
J Estimated result. Result was less than the reporting limit.
JA Analyte was positively identified, but quantitation was estimated.

PDA DIOXIN DATA
SOIL SAMPLES

Sample ID Test Type Sample Date Analytical Method			SB-D4(0-0.5) Initial 8/1/2003 E1613B	SB-D4(0.5-6.0) Initial 8/1/2003 E1613B	SB-E1 (0-0.5) Initial 7/29/2003 E1613B	SB-E1 (0.5-6.0) Initial 7/29/2003 E1613B
Chemical Name	**CAS No**	**Unit**				
1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	35822-46-9	pg/g	570	35	280	57
1,2,3,4,6,7,8-HpCDF	67562-39-4	pg/g	79	3.8 J	47	19
1,2,3,4,7,8,9-HpCDF	55673-89-7	pg/g	5.2 J	< 0.36 U	4.2 J	< 2.9 U
1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	39227-28-6	pg/g	68	< 2.7 U	14	< 2.1 U
1,2,3,4,7,8-HxCDF	70648-26-9	pg/g	9.1	< 1.2 U	32	13
1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	57653-85-7	pg/g	130	4.8 J	38	20
1,2,3,6,7,8-HxCDF	57117-44-9	pg/g	3.9 J	< 0.44 U	4.4 J	4.0 J
1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	19408-74-3	pg/g	63	< 2.8 U	17	10
1,2,3,7,8,9-HxCDF	72918-21-9	pg/g	< 0.37 U	< 0.085 U	< 0.31 U	< 0.12 U
1,2,3,7,8-PENTACHLORODIBENZOFURAN	57117-41-6	pg/g	4.8 J	< 0.91 U	3.1 JA	< 1.8 U
1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	40321-76-4	pg/g	320	13	58	11
2,3,4,6,7,8-HxCDF	60851-34-5	pg/g	< 2.7 U	< 0.22 U	3.4 J	< 1.4 U
2,3,4,7,8-PeCDF	57117-31-4	pg/g	8.5	< 0.94 U	13	4.3 J
2,3,7,8-TCDD	1746-01-6	pg/g	900 E	350	7100 E	570 E
2,3,7,8-TETRACHLORODIBENZOFURAN	51207-31-9	pg/g	47 CON	3.9 CON	22 CON	5.9 CON
OCDD	3268-87-9	pg/g	5200 E	950	4000	510
OCDF	39001-02-0	pg/g	260	9.1 J	70	45
Total HpCDD	37871-00-4	pg/g	1100	67	610	110
Total HpCDF	38998-75-3	pg/g	290	9.4	160	49
Total HxCDD	34465-46-8	pg/g	730	23	480	130
Total HxCDF	55684-94-1	pg/g	81	< 1.5 U	130	39
Total PeCDD	36088-22-9	pg/g	650	22	200	18
Total PeCDF	30402-15-4	pg/g	180	10	200	47
Total TCDD	41903-57-5	pg/g	1200	370	7300	600
Total TCDF	55722-27-5	pg/g	270	21	140	39
TEQ	---	pg/g	1100	360	7200	580

CON Confirmed by a second column.
E Estimated result. Concentration exceeded the calibration range.
J Estimated result. Result was less than the reporting limit.
JA Analyte was positively identified, but quantitation was estimated.

PDA DIOXIN DATA
SOIL SAMPLES

Sample ID Test Type Sample Date Analytical Method			SB-E2 (0-0.5) Initial 7/29/2003 E1613B	SB-E2 (0.5-6.0) Initial 7/29/2003 E1613B	SB-E3(0-0.5) Initial 7/31/2003 E1613B	SB-E3(0.5-6.0) Initial 7/31/2003 E1613B
Chemical Name	**CAS No**	**Unit**				
1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	35822-46-9	pg/g	920	910	150	330
1,2,3,4,6,7,8-HpCDF	67562-39-4	pg/g	240	140	73	41
1,2,3,4,7,8,9-HpCDF	55673-89-7	pg/g	12	7.6	5.2 J	4.2 J
1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	39227-28-6	pg/g	13	23	4.0 J	110
1,2,3,4,7,8-HxCDF	70648-26-9	pg/g	20	140	26	16
1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	57653-85-7	pg/g	52	240	15	150
1,2,3,6,7,8-HxCDF	57117-44-9	pg/g	7.0	16	5.2 J	5.2 J
1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	19408-74-3	pg/g	24	140	8.4	100
1,2,3,7,8,9-HxCDF	72918-21-9	pg/g	< 0.55 U	< 0.85 U	< 0.28 U	< 0.36 U
1,2,3,7,8-PENTACHLORODIBENZOFURAN	57117-41-6	pg/g	9.6	41 JA	7.4 JA	5.7 JA
1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	40321-76-4	pg/g	43	80	15	440
2,3,4,6,7,8-HxCDF	60851-34-5	pg/g	3.9 J	12	4.2 J	3.7 J
2,3,4,7,8-PeCDF	57117-31-4	pg/g	7.5	58	9.7	13
2,3,7,8-TCDD	1746-01-6	pg/g	2000 E	6800 E	580 E	1200 E
2,3,7,8-TETRACHLORODIBENZOFURAN	51207-31-9	pg/g	21 CON	110 CON	12 CON	35 CON
OCDD	3268-87-9	pg/g	12000 E	5100	1800	1400
OCDF	39001-02-0	pg/g	1200	230	140	71
Total HpCDD	37871-00-4	pg/g	1700	1800	300	600
Total HpCDF	38998-75-3	pg/g	1000	250	190	97
Total HxCDD	34465-46-8	pg/g	320	2000	100	900
Total HxCDF	55684-94-1	pg/g	190	390	93	96
Total PeCDD	36088-22-9	pg/g	110	300	26	830
Total PeCDF	30402-15-4	pg/g	150	780	110	180
Total TCDD	41903-57-5	pg/g	2100	7100	610	1500
Total TCDF	55722-27-5	pg/g	140	890	88	260
TEQ	---	pg/g	2100	7000	600	1500

CON Confirmed by a second column.
E Estimated result. Concentration exceeded the calibration range.
J Estimated result. Result was less than the reporting limit.
JA Analyte was positively identified, but quantitation was estimated.

PDA DIOXIN DATA
SOIL SAMPLES

Sample ID Test Type Sample Date Analytical Method			SB-E4(0-0.5) Initial 7/31/2003 E1613B	SB-E4(0.5-6.0) Initial 7/31/2003 E1613B	SB-E6(0-0.5) Initial 8/1/2003 E1613B	SB-E6(0.5-6.0) Initial 8/1/2003 E1613B
Chemical Name	**CAS No**	**Unit**				
1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	35822-46-9	pg/g	1900	1500	23	5.7 J
1,2,3,4,6,7,8-HpCDF	67562-39-4	pg/g	150	140	4.7	< 0.88 U
1,2,3,4,7,8,9-HpCDF	55673-89-7	pg/g	14	12	< 0.30 U	< 0.12 U
1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	39227-28-6	pg/g	750	540	< 1.7 U	< 0.29 U
1,2,3,4,7,8-HxCDF	70648-26-9	pg/g	35	38	< 0.79 U	< 0.31 U
1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	57653-85-7	pg/g	850	650	< 2.5 U	< 0.54 U
1,2,3,6,7,8-HxCDF	57117-44-9	pg/g	17	14	< 0.41 U	< 0.11 U
1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	19408-74-3	pg/g	590	450	< 2.0 U	< 0.54 U
1,2,3,7,8,9-HxCDF	72918-21-9	pg/g	< 1.2 U	< 0.90 U	< 0.022 U	< 0.039 U
1,2,3,7,8-PENTACHLORODIBENZOFURAN	57117-41-6	pg/g	19	16	< 0.22 U	< 0.066 U
1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	40321-76-4	pg/g	1900	1600	6.0	< 1.3 U
2,3,4,6,7,8-HxCDF	60851-34-5	pg/g	12	11	< 0.20 U	< 0.087 U
2,3,4,7,8-PeCDF	57117-31-4	pg/g	33	27	< 0.41 U	< 0.079 U
2,3,7,8-TCDD	1746-01-6	pg/g	5200 E	4400 E	63	8.4
2,3,7,8-TETRACHLORODIBENZOFURAN	51207-31-9	pg/g	150 CON	120 CON	2.1 CON	< 0.37 U
OCDD	3268-87-9	pg/g	5000 E	4900 E	440	200
OCDF	39001-02-0	pg/g	340	340	8.6 J	< 1.6 U
Total HpCDD	37871-00-4	pg/g	3500	2700	45	11
Total HpCDF	38998-75-3	pg/g	400	400	10	< 0.88 U
Total HxCDD	34465-46-8	pg/g	5000	3800	12	< 1.4 U
Total HxCDF	55684-94-1	pg/g	320	280	< 2.1 U	< 0.31 U
Total PeCDD	36088-22-9	pg/g	3400	3000	13	< 1.3 U
Total PeCDF	30402-15-4	pg/g	680	600	4.7	< 1.1 U
Total TCDD	41903-57-5	pg/g	6200	5200	72	8.4
Total TCDF	55722-27-5	pg/g	770	760	13	< 0.37 U
TEQ	---	pg/g	6400	5400	67	9.1

CON Confirmed by a second column.
E Estimated result. Concentration exceeded the calibration range.
J Estimated result. Result was less than the reporting limit.
JA Analyte was positively identified, but quantitation was estimated.

PDA DIOXIN DATA
SOIL SAMPLES

Sample ID Test Type Sample Date Analytical Method			SB-F1(0-0.5) Initial 7/30/2003 E1613B	SB-F1(0.5-6.0) Initial 7/30/2003 E1613B	SB-F2 (0-0.5) Initial 7/29/2003 E1613B	SB-F2 (0.5-6.0) Initial 7/29/2003 E1613B
Chemical Name	**CAS No**	**Unit**				
1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	35822-46-9	pg/g	250	11	290	150
1,2,3,4,6,7,8-HpCDF	67562-39-4	pg/g	65	3.1 J	84	53
1,2,3,4,7,8,9-HpCDF	55673-89-7	pg/g	4.1 J	< 0.30 U	9.9	5.0 J
1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	39227-28-6	pg/g	12	< 0.74 U	7.7	7.6
1,2,3,4,7,8-HxCDF	70648-26-9	pg/g	20	< 1.2 U	18	49
1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	57653-85-7	pg/g	26	< 1.8 U	120	26
1,2,3,6,7,8-HxCDF	57117-44-9	pg/g	6.3 J	< 0.31 U	15	8.7
1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	19408-74-3	pg/g	14	< 1.4 U	54	16
1,2,3,7,8,9-HxCDF	72918-21-9	pg/g	< 0.41 U	< 0.18 U	< 0.70 U	< 0.26 U
1,2,3,7,8-PENTACHLORODIBENZOFURAN	57117-41-6	pg/g	21	< 1.0 U	10	4.6 JA
1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	40321-76-4	pg/g	49	3.4 J	38	29
2,3,4,6,7,8-HxCDF	60851-34-5	pg/g	3.6 J	< 0.17 U	5.0 J	5.0 J
2,3,4,7,8-PeCDF	57117-31-4	pg/g	21	< 0.62 U	19	18
2,3,7,8-TCDD	1746-01-6	pg/g	1600 E	93	2900 E	3000 E
2,3,7,8-TETRACHLORODIBENZOFURAN	51207-31-9	pg/g	150 CON	3.5 CON	48 CON	18 CON
OCDD	3268-87-9	pg/g	2600	170	2100	1200
OCDF	39001-02-0	pg/g	110	8.9 J	210	130
Total HpCDD	37871-00-4	pg/g	480	21	560	280
Total HpCDF	38998-75-3	pg/g	150	8.2	240	130
Total HxCDD	34465-46-8	pg/g	180	11	730	190
Total HxCDF	55684-94-1	pg/g	81	< 1.2 U	170	140
Total PeCDD	36088-22-9	pg/g	89	3.4	91	70
Total PeCDF	30402-15-4	pg/g	190	3.6	180	250
Total TCDD	41903-57-5	pg/g	1700	100	3000	3100
Total TCDF	55722-27-5	pg/g	440	9.7	200	210
TEQ	---	pg/g	1700	96	3000	3000

CON Confirmed by a second column.
E Estimated result. Concentration exceeded the calibration range.
J Estimated result. Result was less than the reporting limit.
JA Analyte was positively identified, but quantitation was estimated.

PDA DIOXIN DATA
WASTE SAMPLES

Sample ID Test Type Sample Date Analytical Method			SB-B2W (0-6.0) Initial 7/31/2003 E1613B	SB-C3W (0.5-6.0) Initial 7/30/2003 E1613B	SB-TPI Initial 7/31/2003 E1613B	SB-WFD Initial 8/1/2003 E1613B
Chemical Name	**CAS No**	**Unit**				
1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	35822-46-9	pg/g	310	53	190	620
1,2,3,4,6,7,8-HpCDF	67562-39-4	pg/g	38	10	85	39
1,2,3,4,7,8,9-HpCDF	55673-89-7	pg/g	4.4 J	< 0.93 U	17	3.6 J
1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	39227-28-6	pg/g	150	13	22	230
1,2,3,4,7,8-HxCDF	70648-26-9	pg/g	21	3.8 J	260	18
1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	57653-85-7	pg/g	170	19	95	360
1,2,3,6,7,8-HxCDF	57117-44-9	pg/g	11	< 2.1 U	47	6.4
1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	19408-74-3	pg/g	75	11	30	180
1,2,3,7,8,9-HxCDF	72918-21-9	pg/g	< 0.60 U	< 0.32 U	5.8 J	< 0.61 U
1,2,3,7,8-PENTACHLORODIBENZOFURAN	57117-41-6	pg/g	13	< 2.2 U	700	12
1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	40321-76-4	pg/g	910	54	110	1400
2,3,4,6,7,8-HxCDF	60851-34-5	pg/g	8.0	< 1.9 U	25	5.2 J
2,3,4,7,8-PeCDF	57117-31-4	pg/g	19	< 2.8 U	530	28
2,3,7,8-TCDD	1746-01-6	pg/g	12000 E	1800 E	64000 E D	2000 E
2,3,7,8-TETRACHLORODIBENZOFURAN	51207-31-9	pg/g	65 CON	6.5 CON	4600 E CON	160 CON
OCDD	3268-87-9	pg/g	1000	1700	1900	2200
OCDF	39001-02-0	pg/g	66	11 J	200	86
Total HpCDD	37871-00-4	pg/g	600	110	320	1200
Total HpCDF	38998-75-3	pg/g	95	17	200	110
Total HxCDD	34465-46-8	pg/g	1200	110	510	2200
Total HxCDF	55684-94-1	pg/g	190	9.0	600	160
Total PeCDD	36088-22-9	pg/g	1600	98	420	2700
Total PeCDF	30402-15-4	pg/g	450	23	3000	580
Total TCDD	41903-57-5	pg/g	12000	2000	66000	3100
Total TCDF	55722-27-5	pg/g	370	45	12000	970
TEQ	---	pg/g	13000	1800	65000	2800

CON Confirmed.
E Estimated result concentration exceeded the calibration range.
J Estimated result is less than the reporting limit.
JA The analyte was positively identified, but the quantitation is an estimate.
U Not detected.

PDA DIOXIN DATA
TCLP/SPLP SAMPLES

Sample ID Test Type Sample Date Analytical Method			SB-B2W (0.5-6.0) (1311 TCLP) Initial 7/31/2003 E1613B	SB-B2W (0.5-6.0) (1312 SPLP) Reanalysis 7/31/2003 E1613B
Chemical Name	**CAS No**	**Unit**		
1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	35822-46-9	pg/l	< 8.8 U	< 17 U
1,2,3,4,6,7,8-HpCDF	67562-39-4	pg/l	< 1.4 U	< 7.9 U
1,2,3,4,7,8,9-HpCDF	55673-89-7	pg/l	< 0.49 U	< 13 U
1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	39227-28-6	pg/l	< 1.1 U	< 5.2 U
1,2,3,4,7,8-HxCDF	70648-26-9	pg/l	< 1.2 U	< 4.1 U
1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	57653-85-7	pg/l	< 6.7 U	< 6.2 U
1,2,3,6,7,8-HxCDF	57117-44-9	pg/l	< 0.33 U	< 3.4 U
1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	19408-74-3	pg/l	< 3.1 U	< 5.4 U
1,2,3,7,8,9-HxCDF	72918-21-9	pg/l	< 0.36 U	< 4.9 U
1,2,3,7,8-PENTACHLORODIBENZOFURAN	57117-41-6	pg/l	< 0.79 U	< 3.4 U
1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	40321-76-4	pg/l	< 9.7 U	< 7.1 U
2,3,4,6,7,8-HxCDF	60851-34-5	pg/l	< 0.44 U	< 3.8 U
2,3,4,7,8-PeCDF	57117-31-4	pg/l	< 0.79 U	< 4.5 U
2,3,7,8-TCDD	1746-01-6	pg/l	85	60
2,3,7,8-TETRACHLORODIBENZOFURAN	51207-31-9	pg/l	< 2.4 U	< 1.7 U
OCDD	3268-87-9	pg/l	< 28 U	< 36 U
OCDF	39001-02-0	pg/l	< 2.6 U	< 12 U
Total HpCDD	37871-00-4	pg/l	< 8.8 U	< 17 U
Total HpCDF	38998-75-3	pg/l	< 1.4 U	< 13 U
Total HxCDD	34465-46-8	pg/l	< 21 U	< 19 U
Total HxCDF	55684-94-1	pg/l	< 3.6 U	< 4.9 U
Total PeCDD	36088-22-9	pg/l	< 21 U	< 9.9 U
Total PeCDF	30402-15-4	pg/l	< 26 U	< 5.0 U
Total TCDD	41903-57-5	pg/l	85	60
Total TCDF	55722-27-5	pg/l	< 2.4 U	< 1.7 U
TEQ	---	pg/l	88	65

CON Confirmed by a second column.
E Estimated result exceeded the calibration range.
J Estimated result is less than the reporting limit.
JA The analyte was positively identified, but the quantitation is an estimate.
U Not detected.

PDA DIOXIN DATA
TCLP/SPLP SAMPLES

Sample ID Test Type Sample Date Analytical Method			SB-C3W (0.5-6.O) (1311 TCLP) Initial 7/30/2003 E1613B	SB-C3W (0.5-6.0) (1312 SPLP) Initial 7/30/2003 E1613B	SB-TP1 (1311 TCLP) Initial 7/31/2003 E1613B
Chemical Name	**CAS No**	**Unit**			
1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	35822-46-9	pg/l	< 1.9 U	< 5.8 U	< 3.3 U
1,2,3,4,6,7,8-HpCDF	67562-39-4	pg/l	< 1.4 U	< 2.0 U	< 1.5 U
1,2,3,4,7,8,9-HpCDF	55673-89-7	pg/l	< 0.62 U	< 2.9 U	< 0.52 U
1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	39227-28-6	pg/l	< 0.60 U	< 1.2 U	< 0.37 U
1,2,3,4,7,8-HxCDF	70648-26-9	pg/l	< 0.41 U	< 0.83 U	< 1.2 U
1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	57653-85-7	pg/l	< 0.60 U	< 2.8 U	< 0.45 U
1,2,3,6,7,8-HxCDF	57117-44-9	pg/l	< 0.24 U	< 0.47 U	< 0.21 U
1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	19408-74-3	pg/l	< 0.72 U	< 1.8 U	< 0.52 U
1,2,3,7,8,9-HxCDF	72918-21-9	pg/l	< 0.32 U	< 0.39 U	< 0.11 U
1,2,3,7,8-PENTACHLORODIBENZOFURAN	57117-41-6	pg/l	< 0.53 U	< 0.55 U	< 1.0 U
1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	40321-76-4	pg/l	< 0.72 U	< 4.5 U	< 1.1 U
2,3,4,6,7,8-HxCDF	60851-34-5	pg/l	< 0.40 U	< 0.53 U	< 0.12 U
2,3,4,7,8-PeCDF	57117-31-4	pg/l	< 0.60 U	< 0.65 U	< 0.70 U
2,3,7,8-TCDD	1746-01-6	pg/l	< 1.8 U	43	270
2,3,7,8-TETRACHLORODIBENZOFURAN	51207-31-9	pg/l	< 0.47 U	< 1.4 U	16 CON
OCDD	3268-87-9	pg/l	< 25 U	110	< 17 U
OCDF	39001-02-0	pg/l	< 1.6 U	< 4.1 U	< 2.4 U
Total HpCDD	37871-00-4	pg/l	< 1.9 U	< 5.8 U	< 3.3 U
Total HpCDF	38998-75-3	pg/l	< 1.4 U	< 2.9 U	< 1.5 U
Total HxCDD	34465-46-8	pg/l	< 2.0 U	< 3.6 U	< 2.2 U
Total HxCDF	55684-94-1	pg/l	< 0.41 U	< 1.1 U	< 1.2 U
Total PeCDD	36088-22-9	pg/l	< 1.9 U	< 6.5 U	< 2.8 U
Total PeCDF	30402-15-4	pg/l	< 0.60 U	< 2.9 U	< 1.2 U
Total TCDD	41903-57-5	pg/l	< 1.8 U	77	280
Total TCDF	55722-27-5	pg/l	< 0.47 U	< 1.4 U	27
TEQ	---	pg/l	1.5	45	270

CON Confirmed by a second column.
E Estimated result exceeded the calibration range.
J Estimated result is less than the reporting limit.
JA The analyte was positively identified, but the quantitation is an estimate.
U Not detected.

PDA DIOXIN DATA
TCLP/SPLP SAMPLES

Sample ID Test Type Sample Date Analytical Method			SB-TPI (1312 SPLP) Initial 7/31/2003 E1613B	SB-WFD (1311 TCLP) Initial 8/1/2003 E1613B	SB-WFD (1312 SPLP) Initial 8/1/2003 E1613B
Chemical Name	**CAS No**	**Unit**			
1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	35822-46-9	pg/l	< 2.2 U	< 2.5 U	< 14 U
1,2,3,4,6,7,8-HpCDF	67562-39-4	pg/l	< 1.0 U	< 1.5 U	< 2.7 U
1,2,3,4,7,8,9-HpCDF	55673-89-7	pg/l	< 0.55 U	< 0.52 U	< 0.83 U
1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	39227-28-6	pg/l	< 0.40 U	< 0.50 U	< 2.1 U
1,2,3,4,7,8-HxCDF	70648-26-9	pg/l	< 0.60 U	< 0.76 U	< 1.4 U
1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	57653-85-7	pg/l	< 0.55 U	< 0.67 U	< 3.1 U
1,2,3,6,7,8-HxCDF	57117-44-9	pg/l	< 0.27 U	< 0.40 U	< 0.59 U
1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	19408-74-3	pg/l	< 0.52 U	< 0.70 U	< 2.4 U
1,2,3,7,8,9-HxCDF	72918-21-9	pg/l	< 0.16 U	< 0.25 U	< 0.39 U
1,2,3,7,8-PENTACHLORODIBENZOFURAN	57117-41-6	pg/l	< 0.43 U	< 0.56 U	< 0.61 U
1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	40321-76-4	pg/l	< 0.76 U	< 1.2 U	< 6.0 U
2,3,4,6,7,8-HxCDF	60851-34-5	pg/l	< 0.23 U	< 0.56 U	< 0.57 U
2,3,4,7,8-PeCDF	57117-31-4	pg/l	< 0.47 U	< 0.48 U	< 0.71 U
2,3,7,8-TCDD	1746-01-6	pg/l	57	7.2 J	29
2,3,7,8-TETRACHLORODIBENZOFURAN	51207-31-9	pg/l	< 1.3 U	< 1.4 U	< 3.1 U
OCDD	3268-87-9	pg/l	< 13 U	< 14 U	200
OCDF	39001-02-0	pg/l	< 1.5 U	< 2.1 U	< 6.2 U
Total HpCDD	37871-00-4	pg/l	< 2.7 U	< 3.3 U	< 14 U
Total HpCDF	38998-75-3	pg/l	< 1.0 U	< 1.5 U	< 3.6 U
Total HxCDD	34465-46-8	pg/l	< 2.5 U	< 3.1 U	< 7.0 U
Total HxCDF	55684-94-1	pg/l	< 0.60 U	< 0.76 U	< 1.4 U
Total PeCDD	36088-22-9	pg/l	< 3.1 U	< 2.9 U	< 6.0 U
Total PeCDF	30402-15-4	pg/l	< 0.64 U	< 0.64 U	< 2.8 U
Total TCDD	41903-57-5	pg/l	57	7.2	32
Total TCDF	55722-27-5	pg/l	< 1.3 U	< 1.4 U	< 3.1 U
TEQ	---	pg/l	58	7.9	32

CON Confirmed by a second column.
E Estimated result exceeded the calibration range.
J Estimated result is less than the reporting limit.
JA The analyte was positively identified, but the quantitation is an estimate.
U Not detected.

PDA METALS DATA
SOIL SAMPLES

Sample ID			SB-A3 (0-0.5)	SB-A3 (0.5-6.0)	SB-B2 (0-0.5)	SB-B2 (0.5-6.0)	SB-B2A (0-0.5)
Test Type			Initial	Initial	Initial	Initial	Initial
Sample Date			7/31/2003	7/31/2003	7/31/2003	7/31/2003	7/31/2003
Analytical Method			6010	6010	6010	6010	6010
Chemical Name	**CAS No**	**Unit**					
ALUMINUM (FUME OR DUST)	7429-90-5	mg/kg	6000 (1.4)	9700 (1.4)	7100 (1.4)	7700 (1.4)	7100 (1.4)
ANTIMONY	7440-36-0	mg/kg	2.1 U (0.66)	2.3 U (0.66)	1.1 (0.66)	2.3 U (0.66)	0.92 (0.66)
ARSENIC	7440-38-2	mg/kg	4.7 (0.74)	5.4 (0.74)	8.9 (0.74)	5.3 (0.74)	11 (0.74)
BARIUM	7440-39-3	mg/kg	89 (0.1)	130 (0.1)	150 (0.1)	160 (0.1)	150 (0.1)
BERYLLIUM	7440-41-7	mg/kg	0.48 (0.04)	0.9 0.45 (0.04)	0.8 (0.04)	0.82 (0.04)	0.86 (0.04)
CADMIUM	7440-43-9	mg/kg	0.17 (0.056)	0.57 U (0.056)	0.78 (0.056)	0.37 (0.056)	0.76 (0.056)
CALCIUM METAL	7440-70-2	mg/kg	31000 (5)	1700 (5)	52000 (5)	8300 (5)	29000 (5)
Chromium	7440-47-3	mg/kg	11 (0.11)	15 (0.11)	19 (0.11)	15 (0.11)	18 (0.11)
COBALT	7440-48-4	mg/kg	4.3 (0.16)	10 (0.16)	7 (0.16)	9.5 (0.16)	7 (0.16)
COPPER	7440-50-8	mg/kg	12 (0.2)	16 (0.2)	51 (0.2)	32 (0.2)	51 (0.2)
Iron	7439-89-6	mg/kg	14000 (1.6)	25000 (1.6)	18000 (1.6)	20000 (1.6)	17000 (1.6)
LEAD	7439-92-1	mg/kg	80 (0.34)	16 (0.34)	120 (0.34)	45 (0.34)	74 (0.34)
MAGNESIUM	7439-95-4	mg/kg	3200 (5)	2000 (5)	5900 (5)	2500 (5)	3100 (5)
MANGANESE	7439-96-5	mg/kg	370 (0.1)	490 (0.1)	420 (0.1)	590 (0.1)	420 (0.1)
NICKEL	7440-02-0	mg/kg	9.6 (0.24)	18 (0.24)	20 (0.24)	20 (0.24)	20 (0.24)
Potassium	9/7/1940	mg/kg	850 (10)	1300 (10)	1200 (10)	1200 (10)	1200 (10)
SELENIUM	7782-49-2	mg/kg	1 U (0.78)	1.1 U (0.78)	1.1 U (0.78)	1.1 U (0.78)	1 U (0.78)
SILVER	7440-22-4	mg/kg	1 U (0.12)	1.1 U (0.12)	0.17 (0.12)	1.1 U (0.12)	0.14 (0.12)
SODIUM	7440-23-5	mg/kg	180 (17)	150 (17)	180 (17)	85 (17)	160 (17)
THALLIUM	7440-28-0	mg/kg	1 U (0.93)	1.1 U (0.93)	1.1 U (0.93)	1.1 U (0.93)	1 U (0.93)
VANADIUM (FUME OR DUST)	7440-62-2	mg/kg	14 (0.12)	21 (0.12)	16 (0.12)	18 (0.12)	16 (0.12)
ZINC	7440-66-6	mg/kg	44 (0.13)	68 (0.13)	190 (0.13)	100 (0.13)	160 (0.13)
Analytical Method			**7470**	**7470**	**7470**	**7470**	**7470**
Chemical Name	**CAS No**	**Unit**					
MERCURY	7439-97-6	mg/kg	0.074 (0.0043)	0.071 (0.0043)	0.69 (0.0043)	0.31 (0.0043)	0.71 (0.0043)

U Not detected.

PDA METALS DATA
SOIL SAMPLES

Sample ID			SB-B2A (0.5-6.0)	SB-B3 (0-0.5)	SB-B3 (0.5-6.0)	SB-C2 (0-0.5)	SB-C2 (0.5-6.0)
Test Type			Initial	Initial	Initial	Initial	Initial
Sample Date			7/31/2003	7/31/2003	7/31/2003	7/31/2003	7/31/2003
Analytical Method			6010	6010	6010	6010	6010
Chemical Name	**CAS No**	**Unit**					
ALUMINUM (FUME OR DUST)	7429-90-5	mg/kg	7400 (1.4)	8100 (1.4)	10000 (1.4)	8600 (1.4)	4600 (1.4)
ANTIMONY	7440-36-0	mg/kg	1.2 (0.66)	1.3 (0.66)	3.3 U (0.66)	2.2 (0.66)	7 (0.66)
ARSENIC	7440-38-2	mg/kg	5.4 (0.74)	4.5 (0.74)	5 (0.74)	7.7 (0.74)	3.9 (0.74)
BARIUM	7440-39-3	mg/kg	170 (0.1)	72 (0.1)	110 (0.1)	94 (0.1)	34 (0.1)
BERYLLIUM	7440-41-7	mg/kg	0.8 (0.04)	0.69 (0.04)	0.91 (0.04)	0.92 (0.04)	0.57 (0.04)
CADMIUM	7440-43-9	mg/kg	1 (0.056)	0.1 (0.056)	0.83 U (0.056)	1.2 (0.056)	0.15 (0.056)
CALCIUM METAL	7440-70-2	mg/kg	22000 (5)	170000 (5)	160000 (5)	210000 (5)	280000 (5)
Chromium	7440-47-3	mg/kg	18 (0.11)	13 (0.11)	15 (0.11)	19 (0.11)	14 (0.11)
COBALT	7440-48-4	mg/kg	8.2 (0.16)	4.4 (0.16)	6.5 (0.16)	5.3 (0.16)	2.5 (0.16)
COPPER	7440-50-8	mg/kg	130 (0.2)	13 (0.2)	14 (0.2)	46 (0.2)	23 (0.2)
Iron	7439-89-6	mg/kg	20000 (1.6)	9800 (1.6)	16000 (1.6)	13000 (1.6)	5500 (1.6)
LEAD	7439-92-1	mg/kg	77 (0.34)	16 (0.34)	16 (0.34)	77 (0.34)	38 (0.34)
MAGNESIUM	7439-95-4	mg/kg	2300 (5)	6400 (5)	2900 (5)	2100 (5)	1300 (5)
MANGANESE	7439-96-5	mg/kg	510 (0.1)	210 (0.1)	260 (0.1)	180 (0.1)	52 (0.1)
NICKEL	7440-02-0	mg/kg	33 (0.24)	14 (0.24)	16 (0.24)	21 (0.24)	9 (0.24)
Potassium	9/7/1940	mg/kg	1100 (10)	880 (10)	1200 (10)	980 (10)	140 (10)
SELENIUM	7782-49-2	mg/kg	1 U (0.78)	1.4 U (0.78)	1.6 U (0.78)	1.4 U (0.78)	1.5 U (0.78)
SILVER	7440-22-4	mg/kg	0.26 (0.12)	1.4 U (0.12)	1.6 U (0.12)	1.4 U (0.12)	1.5 U (0.12)
SODIUM	7440-23-5	mg/kg	110 (17)	220 (17)	180 (17)	240 (17)	130 (17)
THALLIUM	7440-28-0	mg/kg	1 U (0.93)	1.4 U (0.93)	1.6 U (0.93)	1.4 U (0.93)	1.5 U (0.93)
VANADIUM (FUME OR DUST)	7440-62-2	mg/kg	17 (0.12)	15 (0.12)	19 (0.12)	19 (0.12)	9.9 (0.12)
ZINC	7440-66-6	mg/kg	210 (0.13)	60 (0.13)	47 (0.13)	160 (0.13)	170 (0.13)
Analytical Method			**7470**	**7470**	**7470**	**7470**	**7470**
Chemical Name	**CAS No**	**Unit**					
MERCURY	7439-97-6	mg/kg	0.31 (0.0043)	0.059 (0.0043)	0.04 (0.0043)	0.33 (0.0043)	0.32 (0.0043)

U Not detected.

PDA METALS DATA
SOIL SAMPLES

Sample ID Test Type Sample Date Analytical Method			SB-C3 (0-0.5) Initial 7/30/2003 6010	SB-C3 (0.5-6.0) Initial 7/30/2003 6010	SB-C5 (0-0.5) Initial 7/30/2003 6010	SB-C5 (0.5-6.0) Initial 7/30/2003 6010	SB-D1 (0-0.5) Initial 7/30/2003 6010
Chemical Name	**CAS No**	**Unit**					
ALUMINUM (FUME OR DUST)	7429-90-5	mg/kg	9900 (1.4)	9700 (1.4)	14000 (1.4)	14000 (1.4)	7600 (1.4)
ANTIMONY	7440-36-0	mg/kg	1.2 (0.66)	2.3 U (0.66)	0.98 (0.66)	2.4 U (0.66)	2.3 U (0.66)
ARSENIC	7440-38-2	mg/kg	8.9 (0.74)	5.3 (0.74)	6.1 (0.74)	4.3 (0.74)	7.7 (0.74)
BARIUM	7440-39-3	mg/kg	140 (0.1)	130 (0.1)	150 (0.1)	180 (0.1)	100 (0.1)
BERYLLIUM	7440-41-7	mg/kg	0.94 (0.04)	0.93 (0.04)	1 (0.04)	0.94 (0.04)	0.85 (0.04)
CADMIUM	7440-43-9	mg/kg	0.6 (0.056)	0.57 U (0.056)	0.22 (0.056)	0.59 U (0.056)	1.1 (0.056)
CALCIUM METAL	7440-70-2	mg/kg	40000 (5)	2800 (5)	12000 (5)	1300 (5)	24000 (5)
Chromium	7440-47-3	mg/kg	50 (0.11)	16 (0.11)	20 (0.11)	19 (0.11)	20 (0.11)
COBALT	7440-48-4	mg/kg	10 (0.16)	6.8 (0.16)	12 (0.16)	12 (0.16)	7.6 (0.16)
COPPER	7440-50-8	mg/kg	28 (0.2)	9.3 (0.2)	20 (0.2)	14 (0.2)	43 (0.2)
Iron	7439-89-6	mg/kg	23000 (1.6)	21000 (1.6)	28000 (1.6)	24000 (1.6)	15000 (1.6)
LEAD	7439-92-1	mg/kg	240 (0.34)	14 (0.34)	62 (0.34)	15 (0.34)	62 (0.34)
MAGNESIUM	7439-95-4	mg/kg	7900 (5)	2200 (5)	3700 (5)	2400 (5)	3300 (5)
MANGANESE	7439-96-5	mg/kg	580 (0.1)	330 (0.1)	520 (0.1)	430 (0.1)	360 (0.1)
NICKEL	7440-02-0	mg/kg	33 (0.24)	15 (0.24)	20 (0.24)	23 (0.24)	19 (0.24)
Potassium	9/7/1940	mg/kg	1400 (10)	1300 (10)	1500 (10)	1500 (10)	1500 (10)
SELENIUM	7782-49-2	mg/kg	1.1 U (0.78)	1.1 U (0.78)	1.1 U (0.78)	1.2 U (0.78)	1.1 U (0.78)
SILVER	7440-22-4	mg/kg	1.1 U (0.12)	1.1 U (0.12)	1.1 U (0.12)	1.2 U (0.12)	1.1 U (0.12)
SODIUM	7440-23-5	mg/kg	340 (17)	2900 (17)	180 (17)	420 (17)	140 (17)
THALLIUM	7440-28-0	mg/kg	1.1 U (0.93)	1.1 U (0.93)	1.1 U (0.93)	1.2 (0.93)	1.1 U (0.93)
VANADIUM (FUME OR DUST)	7440-62-2	mg/kg	22 (0.12)	21 (0.12)	28 (0.12)	26 (0.12)	18 (0.12)
ZINC	7440-66-6	mg/kg	140 (0.13)	120 (0.13)	240 (0.13)	72 (0.13)	160 (0.13)
Analytical Method			**7470**	**7470**	**7470**	**7470**	**7470**
Chemical Name	**CAS No**	**Unit**					
MERCURY	7439-97-6	mg/kg	1.7 (0.0043)	0.092 (0.0043)	0.26 (0.0043)	0.037 (0.0043)	0.3 (0.0043)

U Not detected.

PDA METALS DATA
SOIL SAMPLES

Sample ID Test Type Sample Date Analytical Method			SB-D1 (0.5-6.0) Initial 7/30/2003 6010	SB-D2 (0-0.5) Initial 7/30/2003 6010	SB-D2 (0.5-6.0) Initial 7/30/2003 6010	SB-D3 (0-0.5) Initial 7/31/2003 6010	SB-D3 (0.5-6.0) Initial 7/31/2003 6010
Chemical Name	**CAS No**	**Unit**					
ALUMINUM (FUME OR DUST)	7429-90-5	mg/kg	6800 (1.4)	8500 (1.4)	10000 (1.4)	17000 (1.4)	9200 (1.4)
ANTIMONY	7440-36-0	mg/kg	2.2 U (0.66)	2.1 (0.66)	0.79 (0.66)	1.2 (0.66)	2.3 U (0.66)
ARSENIC	7440-38-2	mg/kg	3.4 (0.74)	13 (0.74)	5.9 (0.74)	12 (0.74)	5.8 (0.74)
BARIUM	7440-39-3	mg/kg	130 (0.1)	110 (0.1)	150 (0.1)	180 (0.1)	160 (0.1)
BERYLLIUM	7440-41-7	mg/kg	0.7 (0.04)	1.1 (0.04)	1.3 (0.04)	0.84 (0.04)	0.86 (0.04)
CADMIUM	7440-43-9	mg/kg	0.55 U (0.056)	0.91 (0.056)	2.1 (0.056)	0.87 (0.056)	0.26 (0.056)
CALCIUM METAL	7440-70-2	mg/kg	1300 (5)	46000 (5)	55000 (5)	9900 (5)	3800 (5)
Chromium	7440-47-3	mg/kg	12 (0.11)	19 (0.11)	20 (0.11)	30 (0.11)	16 (0.11)
COBALT	7440-48-4	mg/kg	6.7 (0.16)	8.4 (0.16)	8 (0.16)	8.1 (0.16)	9.3 (0.16)
COPPER	7440-50-8	mg/kg	11 (0.2)	32 (0.2)	23 (0.2)	28 (0.2)	17 (0.2)
Iron	7439-89-6	mg/kg	16000 (1.6)	17000 (1.6)	20000 (1.6)	21000 (1.6)	21000 (1.6)
LEAD	7439-92-1	mg/kg	8.7 (0.34)	28 (0.34)	110 (0.34)	42 (0.34)	16 (0.34)
MAGNESIUM	7439-95-4	mg/kg	1300 (5)	6700 (5)	8600 (5)	2700 (5)	2000 (5)
MANGANESE	7439-96-5	mg/kg	370 (0.1)	410 (0.1)	680 (0.1)	420 (0.1)	470 (0.1)
NICKEL	7440-02-0	mg/kg	13 (0.24)	29 (0.24)	16 (0.24)	22 (0.24)	18 (0.24)
Potassium	9/7/1940	mg/kg	1200 (10)	1600 (10)	1400 (10)	1400 (10)	1100 (10)
SELENIUM	7782-49-2	mg/kg	1.1 U (0.78)	1.2 U (0.78)	1.1 U (0.78)	1.8 (0.78)	1.1 U (0.78)
SILVER	7440-22-4	mg/kg	1.1 U (0.12)	1.2 U (0.12)	1.1 U (0.12)	1.1 U (0.12)	1.1 U (0.12)
SODIUM	7440-23-5	mg/kg	92 (17)	220 (17)	690 (17)	1400 (17)	310 (17)
THALLIUM	7440-28-0	mg/kg	1.1 U (0.93)	1.2 U (0.93)	1.1 U (0.93)	1.1 U (0.93)	1.1 U (0.93)
VANADIUM (FUME OR DUST)	7440-62-2	mg/kg	15 (0.12)	19 (0.12)	18 (0.12)	24 (0.12)	20 (0.12)
ZINC	7440-66-6	mg/kg	46 (0.13)	140 (0.13)	100 (0.13)	210 (0.13)	81 (0.13)
Analytical Method			**7470**	**7470**	**7470**	**7470**	**7470**
Chemical Name	**CAS No**	**Unit**					
MERCURY	7439-97-6	mg/kg	0.017 (0.0043)	0.31 (0.0043)	0.86 (0.0043)	0.68 (0.0043)	0.11 (0.0043)

U Not detected.

PDA METALS DATA
SOIL SAMPLES

Sample ID			SB-D4 (0-0.5)	SB-D4 (0.5-6.0)	SB-D5 (0-0.5)	SB-D5 (0.5-6.0)	SB-D6 (0-0.5)
Test Type			Initial	Initial	Initial	Initial	Initial
Sample Date			8/1/2003	8/1/2003	8/1/2003	8/1/2003	8/1/2003
Analytical Method			6010	6010	6010	6010	6010
Chemical Name	**CAS No**	**Unit**					
ALUMINUM (FUME OR DUST)	7429-90-5	mg/kg	12000 (1.4)	11000 (1.4)	9200 (1.4)	14000 (1.4)	2800 (1.4)
ANTIMONY	7440-36-0	mg/kg	1.2 (0.66)	2.2 U (0.66)	1.4 (0.66)	0.94 (0.66)	1.4 (0.66)
ARSENIC	7440-38-2	mg/kg	8.9 (0.74)	4.6 (0.74)	55 (0.74)	9.1 (0.74)	3 (0.74)
BARIUM	7440-39-3	mg/kg	120 (0.1)	160 (0.1)	98 (0.1)	160 (0.1)	29 (0.1)
BERYLLIUM	7440-41-7	mg/kg	1 (0.04)	1.2 (0.04)	0.98 (0.04)	1.4 (0.04)	0.48 (0.04)
CADMIUM	7440-43-9	mg/kg	0.57 U (0.056)	0.31 (0.056)	0.47 (0.056)	0.55 U (0.056)	0.43 (0.056)
CALCIUM METAL	7440-70-2	mg/kg	7500 (5)	1500 (5)	120000 (5)	1600 (5)	210000 (5)
Chromium	7440-47-3	mg/kg	23 (0.11)	17 (0.11)	43 (0.11)	22 (0.11)	21 (0.11)
COBALT	7440-48-4	mg/kg	9.6 (0.16)	10 (0.16)	7.4 (0.16)	13 (0.16)	2.1 (0.16)
COPPER	7440-50-8	mg/kg	20 (0.2)	13 (0.2)	24 (0.2)	17 (0.2)	14 (0.2)
Iron	7439-89-6	mg/kg	23000 (1.6)	23000 (1.6)	20000 (1.6)	32000 (1.6)	8900 (1.6)
LEAD	7439-92-1	mg/kg	29 (0.34)	16 (0.34)	22 (0.34)	15 (0.34)	17 (0.34)
MAGNESIUM	7439-95-4	mg/kg	4000 (5)	2000 (5)	57000 (5)	2600 (5)	71000 (5)
MANGANESE	7439-96-5	mg/kg	420 (0.1)	560 (0.1)	500 (0.1)	580 (0.1)	210 (0.1)
NICKEL	7440-02-0	mg/kg	19 (0.24)	19 (0.24)	16 (0.24)	21 (0.24)	7.1 (0.24)
Potassium	9/7/1940	mg/kg	1400 (10)	1400 (10)	1400 (10)	1600 (10)	1500 (10)
SELENIUM	7782-49-2	mg/kg	1.2 U (0.78)	1.1 U (0.78)	1.1 U (0.78)	1.1 U (0.78)	0.99 U (0.78)
SILVER	7440-22-4	mg/kg	1.2 U (0.12)	1.1 U (0.12)	1.1 U (0.12)	1.1 U (0.12)	0.99 U (0.12)
SODIUM	7440-23-5	mg/kg	97 (17)	180 (17)	320 (17)	830 (17)	290 (17)
THALLIUM	7440-28-0	mg/kg	1.2 U (0.93)	1.1 U (0.93)	1.1 U (0.93)	1.1 U (0.93)	0.99 U (0.93)
VANADIUM (FUME OR DUST)	7440-62-2	mg/kg	27 (0.12)	25 (0.12)	20 (0.12)	33 (0.12)	6.9 (0.12)
ZINC	7440-66-6	mg/kg	91 (0.13)	97 (0.13)	95 (0.13)	77 (0.13)	53 (0.13)
Analytical Method			**7470**	**7470**	**7470**	**7470**	**7470**
Chemical Name	**CAS No**	**Unit**					
MERCURY	7439-97-6	mg/kg	0.31 (0.0043)	0.024 (0.0043)	0.18 (0.0043)	0.045 (0.0043)	0.07 (0.0043)

U Not detected.

PDA METALS DATA
SOIL SAMPLES

Sample ID			SB-D6 (0.5-6.0)	SB-E1 (0-0.5)	SB-E1 (0.5-6.0)	SB-E2 (0-0.5)	SB-E2 (0.5-6.0)
Test Type			Initial	Initial	Initial	Initial	Initial
Sample Date			8/1/2003	7/29/2003	7/29/2003	7/29/2003	7/29/2003
Analytical Method			6010	6010	6010	6010	6010
Chemical Name	**CAS No**	**Unit**					
ALUMINUM (FUME OR DUST)	7429-90-5	mg/kg	15000 (1.4)	3700 (1.4)	8200 (1.4)	7700 (1.4)	16000 (1.4)
ANTIMONY	7440-36-0	mg/kg	1.1 (0.66)	0.86 (0.66)	2.2 U (0.66)	0.74 (0.66)	2.4 U (0.66)
ARSENIC	7440-38-2	mg/kg	6 (0.74)	23 (0.74)	4.3 (0.74)	12 (0.74)	6.8 (0.74)
BARIUM	7440-39-3	mg/kg	180 (0.1)	76 (0.1)	140 (0.1)	120 (0.1)	130 (0.1)
BERYLLIUM	7440-41-7	mg/kg	1.4 (0.04)	0.73 (0.04)	0.88 (0.04)	0.94 (0.04)	0.98 (0.04)
CADMIUM	7440-43-9	mg/kg	0.59 U (0.056)	0.62 (0.056)	0.55 U (0.056)	0.89 (0.056)	0.61 U (0.056)
CALCIUM METAL	7440-70-2	mg/kg	1200 (5)	150000 (5)	1500 (5)	51000 (5)	6300 (5)
Chromium	7440-47-3	mg/kg	22 (0.11)	11 (0.11)	13 (0.11)	18 (0.11)	19 (0.11)
COBALT	7440-48-4	mg/kg	13 (0.16)	5 (0.16)	9.5 (0.16)	8.6 (0.16)	9.6 (0.16)
COPPER	7440-50-8	mg/kg	16 (0.2)	21 (0.2)	12 (0.2)	30 (0.2)	15 (0.2)
Iron	7439-89-6	mg/kg	29000 (1.6)	16000 (1.6)	19000 (1.6)	20000 (1.6)	23000 (1.6)
LEAD	7439-92-1	mg/kg	17 (0.34)	21 (0.34)	11 (0.34)	51 (0.34)	27 (0.34)
MAGNESIUM	7439-95-4	mg/kg	2600 (5)	17000 (5)	1600 (5)	10000 (5)	3500 (5)
MANGANESE	7439-96-5	mg/kg	820 (0.1)	160 (0.1)	710 (0.1)	560 (0.1)	460 (0.1)
NICKEL	7440-02-0	mg/kg	22 (0.24)	14 (0.24)	20 (0.24)	20 (0.24)	17 (0.24)
Potassium	9/7/1940	mg/kg	1700 (10)	910 (10)	1500 (10)	1100 (10)	1800 (10)
SELENIUM	7782-49-2	mg/kg	1.2 U (0.78)	1.7 (0.78)	1.1 U (0.78)	1.1 U (0.78)	1.2 U (0.78)
SILVER	7440-22-4	mg/kg	1.2 U (0.12)	1 U (0.12)	1.1 U (0.12)	1.1 U (0.12)	1.2 U (0.12)
SODIUM	7440-23-5	mg/kg	680 (17)	290 (17)	970 (17)	150 (17)	2300 (17)
THALLIUM	7440-28-0	mg/kg	1.2 U (0.93)	1 U (0.93)	1.1 U (0.93)	1.1 U (0.93)	1.2 U (0.93)
VANADIUM (FUME OR DUST)	7440-62-2	mg/kg	32 (0.12)	20 (0.12)	18 (0.12)	19 (0.12)	27 (0.12)
ZINC	7440-66-6	mg/kg	75 (0.13)	65 (0.13)	59 (0.13)	110 (0.13)	79 (0.13)
Analytical Method			**7470**	**7470**	**7470**	**7470**	**7470**
Chemical Name	**CAS No**	**Unit**					
MERCURY	7439-97-6	mg/kg	0.035 (0.0043)	0.27 (0.0043)	0.026 (0.0043)	0.36 (0.0043)	0.29 (0.0043)

U Not detected.

PDA METALS DATA
SOIL SAMPLES

Sample ID			SB-E3 (0-0.5)	SB-E3 (0.5-6.0)	SB-E4 (0-0.5)	SB-E4 (0.5-6.0)	SB-E5 (0-0.5)
Test Type			Initial	Initial	Initial	Initial	Initial
Sample Date			7/31/2003	7/31/2003	7/31/2003	7/31/2003	8/1/2003
Analytical Method			6010	6010	6010	6010	6010
Chemical Name	**CAS No**	**Unit**					
ALUMINUM (FUME OR DUST)	7429-90-5	mg/kg	5700 (1.4)	9800 (1.4)	12000 (1.4)	13000 (1.4)	12000 (1.4)
ANTIMONY	7440-36-0	mg/kg	2.1 (0.66)	0.9 (0.66)	1.6 (0.66)	2.3 U (0.66)	1.4 (0.66)
ARSENIC	7440-38-2	mg/kg	29 (0.74)	8.1 (0.74)	16 (0.74)	11 (0.74)	8.3 (0.74)
BARIUM	7440-39-3	mg/kg	110 (0.1)	130 (0.1)	180 (0.1)	180 (0.1)	130 (0.1)
BERYLLIUM	7440-41-7	mg/kg	1.3 (0.04)	0.81 (0.04)	1.1 (0.04)	1.4 (0.04)	1.2 (0.04)
CADMIUM	7440-43-9	mg/kg	0.77 (0.056)	0.47 (0.056)	2.3 (0.056)	0.14 (0.056)	0.55 (0.056)
CALCIUM METAL	7440-70-2	mg/kg	29000 (5)	67000 (5)	12000 (5)	2300 (5)	16000 (5)
Chromium	7440-47-3	mg/kg	22 (0.11)	18 (0.11)	27 (0.11)	22 (0.11)	53 (0.11)
COBALT	7440-48-4	mg/kg	9.7 (0.16)	8.7 (0.16)	11 (0.16)	12 (0.16)	11 (0.16)
COPPER	7440-50-8	mg/kg	42 (0.2)	24 (0.2)	67 (0.2)	20 (0.2)	27 (0.2)
Iron	7439-89-6	mg/kg	15000 (1.6)	20000 (1.6)	33000 (1.6)	35000 (1.6)	25000 (1.6)
LEAD	7439-92-1	mg/kg	51 (0.34)	49 (0.34)	110 (0.34)	24 (0.34)	50 (0.34)
MAGNESIUM	7439-95-4	mg/kg	2500 (5)	6000 (5)	5000 (5)	2400 (5)	5500 (5)
MANGANESE	7439-96-5	mg/kg	140 (0.1)	300 (0.1)	340 (0.1)	1200 (0.1)	510 (0.1)
NICKEL	7440-02-0	mg/kg	23 (0.24)	19 (0.24)	27 (0.24)	20 (0.24)	22 (0.24)
Potassium	9/7/1940	mg/kg	810 (10)	1300 (10)	1400 (10)	1400 (10)	1500 (10)
SELENIUM	7782-49-2	mg/kg	4.5 (0.78)	1.2 U (0.78)	1.4 (0.78)	1.2 U (0.78)	1.1 U (0.78)
SILVER	7440-22-4	mg/kg	1.2 U (0.12)	1.2 U (0.12)	1.1 U (0.12)	1.2 U (0.12)	1.1 U (0.12)
SODIUM	7440-23-5	mg/kg	140 (17)	380 (17)	210 (17)	230 (17)	98 (17)
THALLIUM	7440-28-0	mg/kg	1.2 U (0.93)	1.2 U (0.93)	1.1 U (0.93)	1.2 U (0.93)	1.1 U (0.93)
VANADIUM (FUME OR DUST)	7440-62-2	mg/kg	24 (0.12)	22 (0.12)	27 (0.12)	30 (0.12)	28 (0.12)
ZINC	7440-66-6	mg/kg	120 (0.13)	100 (0.13)	350 (0.13)	86 (0.13)	260 (0.13)
Analytical Method			**7470**	**7470**	**7470**	**7470**	**7470**
Chemical Name	**CAS No**	**Unit**					
MERCURY	7439-97-6	mg/kg	0.48 (0.0043)	0.98 (0.0043)	1.1 (0.0043)	0.089 (0.0043)	13 (0.0043)

U Not detected.

PDA METALS DATA
SOIL SAMPLES

Sample ID			SB-E5 (0.5-6.0)	SB-E6 (0-0.5)	SB-E6 (0.5-6.0)	SB-F1 (0-0.5)	SB-F1 (0.5-6.0)
Test Type			Initial	Initial	Initial	Initial	Initial
Sample Date			8/1/2003	8/1/2003	8/1/2003	7/30/2003	7/30/2003
Analytical Method			6010	6010	6010	6010	6010
Chemical Name	**CAS No**	**Unit**					
ALUMINUM (FUME OR DUST)	7429-90-5	mg/kg	14000 (1.4)	13000 (1.4)	15000 (1.4)	6300 (1.4)	6400 (1.4)
ANTIMONY	7440-36-0	mg/kg	1.5 (0.66)	0.89 (0.66)	1 (0.66)	2.8 U (0.66)	2.3 U (0.66)
ARSENIC	7440-38-2	mg/kg	8.2 (0.74)	5.2 (0.74)	6.3 (0.74)	5.5 (0.74)	4.7 (0.74)
BARIUM	7440-39-3	mg/kg	190 (0.1)	140 (0.1)	130 (0.1)	220 (0.1)	160 (0.1)
BERYLLIUM	7440-41-7	mg/kg	1.4 (0.04)	1.3 (0.04)	1.4 (0.04)	1.4 (0.04)	0.91 (0.04)
CADMIUM	7440-43-9	mg/kg	0.59 U (0.056)	0.53 U (0.056)	0.56 U (0.056)	0.31 (0.056)	0.58 U (0.056)
CALCIUM METAL	7440-70-2	mg/kg	1900 (5)	9700 (5)	5800 (5)	36000 (5)	1900 (5)
Chromium	7440-47-3	mg/kg	20 (0.11)	19 (0.11)	21 (0.11)	10 (0.11)	10 (0.11)
COBALT	7440-48-4	mg/kg	14 (0.16)	12 (0.16)	13 (0.16)	8.4 (0.16)	7.3 (0.16)
COPPER	7440-50-8	mg/kg	17 (0.2)	14 (0.2)	16 (0.2)	33 (0.2)	16 (0.2)
Iron	7439-89-6	mg/kg	42000 (1.6)	23000 (1.6)	28000 (1.6)	7300 (1.6)	12000 (1.6)
LEAD	7439-92-1	mg/kg	29 (0.34)	16 (0.34)	16 (0.34)	33 (0.34)	12 (0.34)
MAGNESIUM	7439-95-4	mg/kg	2400 (5)	3600 (5)	3900 (5)	1700 (5)	1100 (5)
MANGANESE	7439-96-5	mg/kg	1900 (0.1)	520 (0.1)	690 (0.1)	870 (0.1)	360 (0.1)
NICKEL	7440-02-0	mg/kg	23 (0.24)	19 (0.24)	21 (0.24)	18 (0.24)	15 (0.24)
Potassium	9/7/1940	mg/kg	1700 (10)	1400 (10)	1600 (10)	1400 (10)	1200 (10)
SELENIUM	7782-49-2	mg/kg	1.2 U (0.78)	1.1 U (0.78)	1.1 U (0.78)	1.4 U (0.78)	1.2 U (0.78)
SILVER	7440-22-4	mg/kg	1.2 U (0.12)	1.1 U (0.12)	1.1 U (0.12)	1.4 U (0.12)	1.2 U (0.12)
SODIUM	7440-23-5	mg/kg	810 (17)	110 (17)	93 (17)	710 (17)	560 (17)
THALLIUM	7440-28-0	mg/kg	1.2 U (0.93)	1.1 U (0.93)	1.1 U (0.93)	1.4 U (0.93)	1.2 U (0.93)
VANADIUM (FUME OR DUST)	7440-62-2	mg/kg	31 (0.12)	29 (0.12)	32 (0.12)	16 (0.12)	15 (0.12)
ZINC	7440-66-6	mg/kg	190 (0.13)	68 (0.13)	70 (0.13)	70 (0.13)	44 (0.13)
Analytical Method			**7470**	**7470**	**7470**	**7470**	**7470**
Chemical Name	**CAS No**	**Unit**					
MERCURY	7439-97-6	mg/kg	0.11 (0.0043)	0.56 (0.0043)	0.035 (0.0043)	0.33 (0.0043)	0.094 (0.0043)

U Not detected.

PDA METALS DATA
SOIL SAMPLES

Sample ID Test Type Sample Date Analytical Method			SB-F2 (0-0.5) Initial 7/29/2003 6010	SB-F2 (0.5-6.0) Initial 7/29/2003 6010	SB-F3 (0-0.5) Initial 7/29/2003 6010	SB-F3 (0.5-6.0) Initial 7/29/2003 6010
Chemical Name	**CAS No**	**Unit**				
ALUMINUM (FUME OR DUST)	7429-90-5	mg/kg	6400 (1.4)	9800 (1.4)	10000 (1.4)	13000 (1.4)
ANTIMONY	7440-36-0	mg/kg	1.2 (0.66)	2.3 U (0.66)	2.2 U (0.66)	0.89 (0.66)
ARSENIC	7440-38-2	mg/kg	13 (0.74)	5.7 (0.74)	9.4 (0.74)	7.1 (0.74)
BARIUM	7440-39-3	mg/kg	390 (0.1)	160 (0.1)	150 (0.1)	160 (0.1)
BERYLLIUM	7440-41-7	mg/kg	0.79 (0.04)	0.92 (0.04)	0.96 (0.04)	1.2 (0.04)
CADMIUM	7440-43-9	mg/kg	0.82 (0.056)	0.17 (0.056)	0.6 (0.056)	0.61 U (0.056)
CALCIUM METAL	7440-70-2	mg/kg	32000 (5)	2800 (5)	19000 (5)	2100 (5)
Chromium	7440-47-3	mg/kg	24 (0.11)	17 (0.11)	73 (0.11)	20 (0.11)
COBALT	7440-48-4	mg/kg	7 (0.16)	10 (0.16)	11 (0.16)	12 (0.16)
COPPER	7440-50-8	mg/kg	40 (0.2)	19 (0.2)	30 (0.2)	17 (0.2)
Iron	7439-89-6	mg/kg	15000 (1.6)	21000 (1.6)	22000 (1.6)	29000 (1.6)
LEAD	7439-92-1	mg/kg	110 (0.34)	22 (0.34)	35 (0.34)	20 (0.34)
MAGNESIUM	7439-95-4	mg/kg	7300 (5)	2000 (5)	5000 (5)	2300 (5)
MANGANESE	7439-96-5	mg/kg	190 (0.1)	550 (0.1)	430 (0.1)	600 (0.1)
NICKEL	7440-02-0	mg/kg	18 (0.24)	19 (0.24)	28 (0.24)	21 (0.24)
Potassium	9/7/1940	mg/kg	980 (10)	1400 (10)	1400 (10)	1500 (10)
SELENIUM	7782-49-2	mg/kg	1.2 (0.78)	1.2 U (0.78)	1.1 U (0.78)	1.2 U (0.78)
SILVER	7440-22-4	mg/kg	1.1 U (0.12)	1.2 U (0.12)	1.1 U (0.12)	1.2 U (0.12)
SODIUM	7440-23-5	mg/kg	190 (17)	210 (17)	180 (17)	390 (17)
THALLIUM	7440-28-0	mg/kg	1.1 U (0.93)	1.2 U (0.93)	1.1 U (0.93)	1.2 U (0.93)
VANADIUM (FUME OR DUST)	7440-62-2	mg/kg	19 (0.12)	21 (0.12)	25 (0.12)	28 (0.12)
ZINC	7440-66-6	mg/kg	110 (0.13)	76 (0.13)	160 (0.13)	72 (0.13)
Analytical Method			**7470**	**7470**	**7470**	**7470**
Chemical Name	**CAS No**	**Unit**				
MERCURY	7439-97-6	mg/kg	1.2 (0.0043)	0.077 (0.0043)	0.76 (0.0043)	0.054 (0.0043)

U Not detected.

PDA METALS DATA
WASTE SAMPLES

Sample ID			SB-B2W (0.5-6.0)	SB-C3W (0.5-6.0)	SB-TPI	SB-WFD
Test Type			Initial	Initial	Initial	Initial
Sample Date			7/31/2003	7/30/2003	7/31/2003	8/1/2003
Analytical Method			6010	6010	6010	6010
Chemical Name	**CAS No**	**Unit**				
ALUMINUM (FUME OR DUST)	7429-90-5	mg/kg	10000 (1.4)	10000 (1.4)	11000 (1.4)	11000 (1.4)
ANTIMONY	7440-36-0	mg/kg	7.7 (0.66)	2.3 U (0.66)	12 (0.66)	0.8 (0.66)
ARSENIC	7440-38-2	mg/kg	5.5 (0.74)	4.5 (0.74)	6.5 (0.74)	9.8 (0.74)
BARIUM	7440-39-3	mg/kg	230 (0.1)	160 (0.1)	150 (0.1)	150 (0.1)
BERYLLIUM	7440-41-7	mg/kg	0.84 (0.04)	0.89 (0.04)	2 (0.04)	0.84 0.46 (0.04)
CADMIUM	7440-43-9	mg/kg	34 (0.056)	0.58 U (0.056)	0.75 (0.056)	0.5 (0.056)
CALCIUM METAL	7440-70-2	mg/kg	93000 (5)	4500 (5)	55000 (5)	27000 (5)
Chromium	7440-47-3	mg/kg	33 (0.11)	16 (0.11)	20 (0.11)	21 (0.11)
COBALT	7440-48-4	mg/kg	8.8 (0.16)	11 (0.16)	5.9 (0.16)	9.7 (0.16)
COPPER	7440-50-8	mg/kg	130 (0.2)	11 (0.2)	46 (0.2)	20 (0.2)
Iron	7439-89-6	mg/kg	25000 (1.6)	21000 (1.6)	35000 (1.6)	27000 (1.6)
LEAD	7439-92-1	mg/kg	290 (0.34)	14 (0.34)	23 (0.34)	48 (0.34)
MAGNESIUM	7439-95-4	mg/kg	2900 (5)	2200 (5)	15000 (5)	11000 (5)
MANGANESE	7439-96-5	mg/kg	580 (0.1)	2600 (0.1)	1100 (0.1)	610 (0.1)
NICKEL	7440-02-0	mg/kg	34 (0.24)	15 (0.24)	15 (0.24)	20 (0.24)
Potassium	9/7/1940	mg/kg	1300 (10)	1100 (10)	1500 (10)	1500 (10)
SELENIUM	7782-49-2	mg/kg	1.3 U (0.78)	1.2 U (0.78)	1.1 U (0.78)	1.1 U (0.78)
SILVER	7440-22-4	mg/kg	0.31 (0.12)	1.2 U (0.12)	1.1 U (0.12)	1.1 U (0.12)
SODIUM	7440-23-5	mg/kg	420 (17)	730 (17)	2200 (17)	230 (17)
THALLIUM	7440-28-0	mg/kg	1.3 U (0.93)	1.2 U (0.93)	1.1 U (0.93)	1.1 U (0.93)
VANADIUM (FUME OR DUST)	7440-62-2	mg/kg	24 (0.12)	22 (0.12)	16 (0.12)	22 (0.12)
ZINC	7440-66-6	mg/kg	720 (0.13)	57 (0.13)	100 (0.13)	100 (0.13)
Analytical Method			**7470**	**7470**	**7470**	**7470**
Chemical Name	**CAS No**	**Unit**				
MERCURY	7439-97-6	mg/kg	0.92 (0.0043)	0.05 (0.0043)	1.1 (0.0043)	0.15 (0.0043)

U Not detected.

PDA METALS DATA
TCLP/SPLP SAMPLES

Sample ID Test Type Sample Date Analytical Method			SB-B2W (0.5-6.0) (TCLP) Initial 7/31/2003 6010	SB-B2W (0.5-6.0) (SPLP) Initial 7/31/2003 6010	SB-C3W (0.5-6.0) (TCLP) Initial 7/30/2003 6010
Chemical Name	**CAS No**	**Unit**			
ALUMINUM (FUME OR DUST)	7429-90-5	ug/l	40 (17)	160 (14)	390 (17)
ANTIMONY	7440-36-0	ug/l	23 (3.7)	20 U (4.3)	20 U (3.7)
ARSENIC	7440-38-2	ug/l	8 (5)	10 U (6.9)	22 (5)
BARIUM	7440-39-3	ug/l	450 (1)	66 (1)	360 (1)
BERYLLIUM	7440-41-7	ug/l	4 U (0.4)	4 U (0.4)	1.4 (0.4)
CADMIUM	7440-43-9	ug/l	5 U (0.86)	5 U (0.55)	1.2 (0.86)
Chromium	7440-47-3	ug/l	10 U (1.1)	0.94 (0.66)	2.6 (1.1)
COBALT	7440-48-4	ug/l	9.3 (1.4)	1.5 (1.1)	65 (1.4)
COPPER	7440-50-8	ug/l	2.7 (2.7)	18 (2.7)	20 U (2.7)
Iron	7439-89-6	ug/l	110 (22)	50 U (24)	91000 (22)
LEAD	7439-92-1	ug/l	2.8 (2.5)	5 (1.1)	13 (2.5)
MAGNESIUM	7439-95-4	ug/l	6700 (50)	500 U (50)	23000 (50)
MANGANESE	7439-96-5	ug/l	5600 (1)	2 (1)	15000 (1)
NICKEL	7440-02-0	ug/l	26 (2.2)	7.8 (4)	47 (2.2)
SELENIUM	7782-49-2	ug/l	10 U (5.3)	10 U (5.8)	10 U (5.3)
SILVER	7440-22-4	ug/l	10 U (2)	10 U (2)	10 U (2)
THALLIUM	7440-28-0	ug/l	10 U (5.7)	10 U (6.5)	10 U (5.7)
VANADIUM (FUME OR DUST)	7440-62-2	ug/l	10 U (0.7)	3.5 (1)	4.2 (0.7)
ZINC	7440-66-6	ug/l	360 (1.3)	17 (2)	560 (1.3)
Analytical Method			**7470**	**7470**	**7470**
Chemical Name	**CAS No**	**Unit**			
MERCURY	7439-97-6	ug/l	0.2 U (0.078)	0.2 U (0.078)	0.2 U (0.078)

U Not detected.

PDA METALS DATA
TCLP/SPLP SAMPLES

Sample ID			SB-C3W (0.5-6.0) (SPLP)	SB-TPI (TCLP)	SB-TPI (SPLP)	SB-WFD (TCLP)	SB-WFD (SPLP)
Test Type			Initial	Initial	Initial	Initial	Initial
Sample Date			7/30/2003	7/31/2003	7/31/2003	8/1/2003	8/1/2003
Analytical Method			6010	6010	6010	6010	6010
Chemical Name	**CAS No**	**Unit**					
ALUMINUM (FUME OR DUST)	7429-90-5	ug/l	1900 (14)	98 (17)	1200 (14)	640 (17)	1100 (14)
ANTIMONY	7440-36-0	ug/l	20 U (4.3)	4.5 (3.7)	20 U (4.3)	20 U (3.7)	20 U (4.3)
ARSENIC	7440-38-2	ug/l	10 U (6.9)	11 (5)	10 U (6.9)	8.2 (5)	10 U (6.9)
BARIUM	7440-39-3	ug/l	27 (1)	680 (1)	11 (1)	1100 (1)	24 (1)
BERYLLIUM	7440-41-7	ug/l	4 U (0.4)	0.71 (0.4)	4 U (0.4)	1.8 (0.4)	4 U (0.4)
CADMIUM	7440-43-9	ug/l	5 U (0.55)	5 U (0.86)	5 U (0.55)	6.1 (0.86)	5 U (0.55)
Chromium	7440-47-3	ug/l	3.6 (0.66)	0.91 (1.1)	2.2 (0.66)	2.2 (1.1)	2.5 (0.66)
COBALT	7440-48-4	ug/l	1.2 (1.1)	32 (1.4)	10 U (1.1)	43 (1.4)	1.2 (1.1)
COPPER	7440-50-8	ug/l	4.5 (2.7)	20 U (2.7)	20 U (2.7)	18 (2.7)	4.8 (2.7)
Iron	7439-89-6	ug/l	1500 (24)	38000 (22)	890 (24)	14000 (22)	1200 (24)
LEAD	7439-92-1	ug/l	4 (1.1)	9.9 (2.5)	3.3 (1.1)	170 (2.5)	3.6 (1.1)
MAGNESIUM	7439-95-4	ug/l	5200 (50)	40000 (50)	3300 (50)	82000 (50)	3500 (50)
MANGANESE	7439-96-5	ug/l	100 (1)	7500 (1)	9.5 (1)	17000 (1)	170 (1)
NICKEL	7440-02-0	ug/l	7.3 (4)	71 (2.2)	5.9 (4)	26 (2.2)	40 U (4)
SELENIUM	7782-49-2	ug/l	10 U (5.8)	10 U (5.3)	10 U (5.8)	10 U (5.3)	10 U (5.8)
SILVER	7440-22-4	ug/l	10 U (2)	10 U (2)	10 U (2)	10 U (2)	10 U (2)
THALLIUM	7440-28-0	ug/l	10 U (6.5)	10 U (5.7)	10 U (6.5)	10 U (5.7)	10 U (6.5)
VANADIUM (FUME OR DUST)	7440-62-2	ug/l	6.8 (1)	10 U (0.7)	2.2 (1)	10 U (0.7)	2.4 (1)
ZINC	7440-66-6	ug/l	16 (2)	230 (1.3)	6.3 (2)	170 (1.3)	17 (2)
Analytical Method			**7470**	**7470**	**7470**	**7470**	**7470**
Chemical Name	**CAS No**	**Unit**					
MERCURY	7439-97-6	ug/l	0.2 U (0.078)	0.2 U (0.078)	0.2 U (0.078)	0.2 U (0.078)	0.2 (0.078)

U Not detected.

APPENDIX E

RESULTS OF ANALYTICAL DATA QUALITY EVALUATION

PDA Waste Characterization Investigation

This evaluation was conducted by Potesta & Associates, Inc. (POTESTA) on analytical data associated with soil samples collected during the period of July 29 through August 1, 2003 from the Past Disposal Area (PDA) of the Flexsys America, L.P. chemical production facility in Nitro, West Virginia. The parameters associated with this data set are described in the project site assessment work plan titled "*PDA Waste Characterization Investigation*" proposed by Solutia Inc. and submitted to the USEPA-Region III and the West Virginia Department of Environmental Protection, Office of Land Restoration.

Severn Trent Laboratories of Savannah, Georgia analyzed samples for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), metals and herbicides. Severn Trent Laboratories of Sacramento, California analyzed samples for polychlorinated dibenzo-p-dioxins (dioxins) and polychlorinated dibenzofurans (furans).

POTESTA collected 56 soil samples which were submitted to the laboratories for the analyses prescribed by the work plan. The samples were analyzed by sample delivery groups (SDG) and projects as summarized in Tables 1 and 2.

Table 1 – STL-Savannah

SDG	Project Number	Laboratory ID	Sample Name
SNW011	S385939	85939-1	SB-E1(0-0.5')
SNW011	S385939	85939-2	SB-E1(0.5-6.0')
SNW011	S385939	85939-3	SB-E2(0-0.5')
SNW011	S385939	85939-4	SB-E2(0.5-6.0')
SNW011	S385939	85939-5	SB-F2(0-0.5')
SNW011	S385939	85939-6	SB-F2(0.5-6.0')
SNW011	S385939	85939-7	SB-F3(0-0.5')
SNW011	S385939	85939-8	SB-F3(0.5-6.0')
SNW011	S385995	85995-1	SB-C3(0-0.5')
SNW011	S385995	85995-2	SB-C3(0.5-6.0')
SNW011	S385995	85995-3	SB-C5(0-0.5')
SNW011	S385995	85995-4	SB-C5(0.5-6.0')
SNW011	S385995	85995-5	SB-D1(0-0.5')
SNW011	S385995	85995-6	SB-D1(0.5-6.0')
SNW011	S385995	85995-7	SB-D2(0-0.5')
SNW011	S385995	85995-8	SB-D2(0.5-6.0')
SNW011	S385995	85995-9	SB-F1(0-0.5')
SNW011	S385995	85995-10	SB-F1(0.5-6.0')
SNW012	S385939A	85995A-1	SB-C3W(0.5-6.0')

SDG	Project Number	Laboratory ID	Sample Name
SNW012	S386016A	86016A-1	SB-B2W(0-6.0')
SNW012	S386016A	86016A-2	SB-TPI
SNW012	S386046A	86046A-1	SB-WFD
SNW013 (TCLP)	S385939B	85995B-1	SB-C3W(0.5-6.0')
SNW013 (TCLP)	S386016B	86016B-1	SB-B2W(0-6.0')
SNW013 (TCLP)	S386016B	86016B-2	SB-TPI
SNW013 (TCLP)	S386046B	86046B-1	SB-WFD
SNW014 (SPLP)	S385939C	85995C-1	SB-C3W(0.5-6.0')
SNW014 (SPLP)	S386016C	86016C-1	SB-B2W(0-6.0')
SNW014 (SPLP)	S386016C	86016C-2	SB-TPI
SNW014 (SPLP)	S386046C	86046C-1	SB-WFD
SNW015	S386016	86016-1	SB-A3(0-0.5')
SNW015	S386016	86016-2	SB-A3(0.5-6.0')
SNW015	S386016	86016-3	SB-B2(0-0.5')
SNW015	S386016	86016-4	SB-B2(0.5-6.0')
SNW015	S386016	86016-5	SB-B2A(0-0.5')
SNW015	S386016	86016-6	SB-B2A(0.5-6.0')
SNW015	S386016	86016-7	SB-B3(0-0.5')
SNW015	S386016	86016-8	SB-B3(0.5-6.0')
SNW015	S386016	86016-9	SB-C2(0-0.5')
SNW015	S386016	86016-10	SB-C2(0.5-6.0')
SNW015	S386016	86016-11	SB-D3(0-0.5')
SNW015	S386016	86016-12	SB-D3(0.5-6.0')
SNW015	S386016	86016-13	SB-E3(0-0.5')
SNW015	S386016	86016-14	SB-E3(0.5-6.0')
SNW015	S386016	86016-15	SB-E4(0-0.5')
SNW015	S386016	86016-16	SB-E4(0.5-6.0')
SNW016	S386046	86046-1	SB-D4(0-0.5')
SNW016	S386046	86046-2	SB-D4(0.5-6.0')
SNW016	S386046	86046-3	SB-D5(0-0.5')
SNW016	S386046	86046-4	SB-D5(0.5-6.0')
SNW016	S386046	86046-5	SB-D6(0-0.5')
SNW016	S386046	86046-6	SB-D6(0.5-6.0')
SNW016	S386046	86046-7	SB-E5(0-0.5')
SNW016	S386046	86046-8	SB-E5(0.5-6.0')
SNW016	S386046	86046-9	SB-E6(0-0.5')
SNW016	S386046	86046-10	SB-E6(0.5-6.0')

Table 2 – STL-Sacramento

Project Number	Sample Name	Sample Number
G3G310237	SB-E1(0-0.5')	001
G3G310237	SB-E1(0.5-6.0')	002
G3G310237	SB-E2(0-0.5')	003
G3G310237	SB-E2(0.5-6.0')	004
G3G310237	SB-F2(0-0.5')	005
G3G310237	SB-F2(0.5-6.0')	006

Project Number	Sample Name	Sample Number
G3H010203	SB-F1(0-0.5')	001
G3H010203	SB-F1(0.5-6.0')	002
G3H020194	SB-B3(0-0.5')	001
G3H020194	SB-B3(0.5-6.0')	002
G3H020194	SB-D3(0-0.5')	003
G3H020194	SB-D3(0.5-6.0')	004
G3H020194	SB-E3(0-0.5')	005
G3H020194	SB-E3(0.5-6.0')	006
G3H020194	SB-E4(0-0.5')	007
G3H020194	SB-E4(0.5-6.0')	008
G3H050305	SB-D4(0-0.5')	001
G3H050305	SB-D4(0.5-6.0')	002
G3H050305	SB-E6(0-0.5')	003
G3H050305	SB-E6(0.5-6.0')	004
G3H070308	SB-WFD	001
G3H070308	SB-C3W(0.5-6.0')	002
G3H070308	SB-B2W(0-6.0')	003
G3H070308	SB-TPI	004
G3H130272 (TCLP)	SB-C3W(0.5-6.0')	001
G3H130277 (TCLP)	SB-B2W(0-6.0')	001
G3H130277 (TCLP)	SB-TPI	002
G3H130283 (TCLP)	SB-WFD	001
G3H130282 (SPLP)	SB-B2W(0-6.0')	001
G3H130282 (SPLP)	SB-TPI	002
G3H130289 (SPLP)	SB-WFD	001
G3H130291 (SPLP)	SB-C3W(0.5-6.0')	001

Laboratory data summaries were prepared and received in EPA Level IV QA/QC format. This QA/QC deliverable requirement, along with a 100 percent data validation request, has been completed for this project at the direction of USEPA – Region III. The following narratives provide brief summaries of Contract Laboratory Program (CLP) technical requirements, and indicate issues which are outside technical requirements resulting in data qualification. Issues having no impact upon data quality were not addressed.

VOLATILE ORGANIC COMPOUNDS

POTESTA, following the USEPA guidance *"USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review"* dated October 1999, completed data validation procedures for the volatile organic compound analyses.

Samples listed in Table 1 were analyzed for VOCs in accordance with SW-846 Method 8260B by STL-Savannah.

Holding Times

Technical holding time requirements for soil matrices have not been established. As a guide, POTESTA used the holding time criteria for water matrices stating that samples must be properly preserved (pH 2 or less and maintained at 4±2°C) and analyzed within 14 days of sample collection.

SNW011 Samples 85939-6DL (DL – diluted), -7DL, -8, and 85995-7RE (RE – rerun) were analyzed 15 days after collection. Since the samples were properly preserved, data quality was not affected.

SNW012 Sample 85995A-1 was analyzed 15 days after collection. Since the samples were properly preserved, data quality was not affected.

SNW015 Samples 86016-1DL, 86016-2DL, 86016-13DL, 86016-14DL, and 86016-15DL were diluted due to the abundance of target analytes and analyzed 30 days after collection. The following target compounds were qualified "J": Acetone in 86016-1, 86016-13DL, 86016-14DL, and 86016-15DL; cis-1,2-Dichloroethene in 86016-2DL and 86016-14DL; Trichloroethene in 86016-2DL and 86016-14DL; Vinyl Chloride in 86016-14. Acetone and Vinyl Chloride were not detected in diluted analyses 86016-1DL and 86016-14DL, respectively, because of excessive dilution. As a result, the original concentrations for these compounds in 86016-1 and 86016-14, which exceeded the upper calibration limits, were reported as estimated.

GC/MS Instrument Performance Checks

The laboratory performed required instrument performance checks with bromofluorobenzene at the beginning of each 12-hour analytical period on each instrument utilized for sample analysis. Each performance check met the required ion abundance criteria indicating the instruments were in tune and operating properly.

Initial Calibration

Initial calibration data were reviewed with regard to relative response factors (RRFs), percent relative standard deviation, calibration curve linearity, and standard concentrations.

SNW011 Positive results for Acetone were "J" qualified due to low RRFs in samples 85939-8, 85995-2, 85995-5RE, 85995-8, and 85995-10RE.

SNW012 Positive results for Acetone in 85995A-1, 86016A-1DL, and 86016A-2DL were "J" qualified due to a low RRF value.

SNW013 Positive results for Acetone in 85995B-1, 86016B-1, 86016B-2, and 86046B-1 were "J" qualified due to a low RRF value.

SNW014 Positive results for Acetone in 85995C-1, 86016C-1, 86016C-2, and 86046C-1 were "J" qualified due to a low RRF value.

SNW015 Positive results for Acetone in 86016-1, 86016-3, 86016-4, 86016-5, 86016-6, 86016-7, 86016-8, 86016-9, 86016-10, 86016-11, 86016-12, and 86016-16 were "J" qualified due to a low RRF value.

SNW016 The positive result for Acetone in 86046-8 was "J" qualified due to a low RRF.

Continuing Calibration

Continuing calibration (CC) evaluations were based on the following criteria: continuing calibration analysis must be performed at the beginning of each 12-hour analytical period following the analysis of the instrument performance check and prior to the analysis of the method blank; RRFs for each target compound and surrogate must be greater than or equal to 0.05; % Difference (%D) or % Drift, depending on the type of calibration curve as discussed in SW-846 Method 8000, must be within ±25 percent of the initial calibration RRF or initial calibration amount.

SNW011 Exceedance of %D/% Drift criteria resulted in "UJ" qualification of non-detect data for the compounds: Trichlorotrifluoroethane in samples 85939-2 and 85939-6; 1,2,4-Trichlorobenzene in samples 85939-2 and 85939-6; Cyclohexane in samples 85939-2, 85939-8, 85995-2, 85995-8, and 85995-10RE; Methyl cyclohexane in 85939-2; Dichlorodifluoromethane in 85939-1, 85939-5, and 85939-7; 2-Hexanone in 85939-1, 85939-5, and 85939-7; 4-Methyl-2-pentanone in 85939-1, 85939-5, 85995-1RE, 85995-6, and 85995-9; Bromoform in 85939-1, 85939-5, and 85939-7; 1,2-Dibromo-3-chloropropene in 85939-1, 85939-5, 85939-7, and 85995-7RE; Bromomethane in 85939-3, 85939-4, 85995-3, and 85995-4; 1,2-Dichloroethane in 85995-1RE, 85995-6, and 85995-9; 1,1,2-Trichloroethane in 85995-1RE, 85995-6, and 85995-9; Methyl Acetate in85995-7RE.

Exceedance of %D/% Drift or RRF criteria resulted in "J" qualification of positive data for the compounds: Acetone in 85939-2, 85939-6, 85939-8, 85995-2, 85995-5RE, 85995-7RE, 85995-8, and 85995-10RE; 2-Butanone in 85995-7RE; 4-Methyl-2-pentanone in 85939-7; Cyclohexane in 85939-6; Methyl Cyclohexane in 85939-6 and 85995-7RE.

Low RRF values resulted in "R" qualification of the following non-detect results: 1,2-Dibromo-3-chloropropane in 85939-2 and 85939-6.

SNW012 Exceedance of %D/% Drift criteria resulted in "UJ" qualification of non-detect data for the following compounds: Chloromethane, 1,2-Dichloroethane, Dibromomethane, trans-1,3-Dichloropropene, Tetrachloroethene, 2-Hexanone, Dibromochloromethane, 1,2-Dibromoethane, 1,1,1,2-Tetrachloroethane, 1,2,3-Trichloropropane, 1,2-Dichlorobenzene, and 1,2-Dibromo-3-chloropropane in 85995A-1; Methyl acetate in 86016A-1, 86016A-2, and 86046A-1.

Positive results for Total Xylenes and 1,2,4-Trichlorobenzene were "J" Qualified in 85995A-1, along with positive data for Methyl Cyclohexane in 86016A-1, 86016A-2, and 86046A-1.

SNW013 Exceedance of the %D criterion resulted in "UJ" qualification for Cyclohexane in 85995B-1, 86016B-1, 86016B-2, and 86046B-1.

SNW014 Exceedance of the %D criterion resulted in "UJ" qualification for Cyclohexane in 85995C-1, 86016C-1, 86016C-2, and 86046C-1.

SNW015 The following target analytes were qualified "UJ": Chloromethane, Dibromomethane, trans-1,3-Dichloropropene, Dibromochloromethane, 1,2-dibromoethane, 1,1,1,2-Tetrachloroethane, Bromoform, 1,1,2,2-Tetrachloroethane, and 1,2,3-Trichloropropane in samples 86016-1, 86016-2, 86016-3, 86016-4, 86016-5, 86016-6, 86016-7, 86016-9, 86016-10, 86016-11, 86016-12, 86016-13, 86016-14, 86016-15, and 86016-16; 1,2-dichloroethane and Tetrachloroethene in samples 86016-1, 86016-2, 86016-3, 86016-4, 86016-5, 86016-6, 86016-7, 86016-9, 86016-10, 86016-11, 86016-12, 86016-14, 86016-15, and 86016-16; 1,2-Dichlorobenzene and 1,2,4-Trichlorobenzene in samples 86016-1, 86016-2, 86016-3, 86016-4, 86016-5, 86016-6, 86016-7, 86016-9, 86016-10, 86016-11, 86016-13, 86016-14, 86016-15, and 86016-16; 2-Hexanone in samples 86016-1, 86016-2, 86016-3, 86016-4, 86016-5, 86016-6, 86016-7, 86016-10, 86016-11, 86016-13, 86016-14, 86016-15, and 86016-16; 1,2-Dibromo-3-chloropropane in samples 86016-1, 86016-2, 86016-3, 86016-4, 86016-5, 86016-6, 86016-7, 86016-10, 86016-11, 86016-12, 86016-13, 86016-14, 86016-15, and 86016-16; Methyl Acetate and 1,2-Dibromo-3-chloropropane in 86016-8RE.

"J" qualifiers were assigned to the following compounds: 1,2-dichloroethane and Tetrachloroethene in 86016-13; 1,2-Dichlorobenzene and 1,2,4-Trichlorobenzene in 86016-12; 2-Hexanone in 86016-9 and 86016-12; 1,2-Dibromo-3-chloropropane in 86016-9; Acetone, 2-Butanone, Chloroethane, Carbon Disulfide, Benzene, Trichloroethene, Toluene, and Methyl Cyclohexane in 86016-8.

SNW016 Non-detect results for Methyl Acetate in 86046-1, 86046-2, 86046-3, 86046-4, 86046-6, 86046-9, and 86046-10 were qualified "UJ"; the positive result in 86046-5 was "J" qualified.

Acetone in 86046-8 was "J" qualified.

Blanks

The laboratory analyzed method blanks and trip blanks as part of the analytical QA/QC for this project work plan. Method blanks are used to identify laboratory, background, and reagent

contamination; trip blanks accompany samples from the time of collection to their arrival at the lab and determine if the samples were contaminated during shipment.

Blanks should contain no contamination. If a blank is found to be contaminated with one or more target analytes, then data qualification of the associated samples are determined based on the magnitude of the blank contamination as compared to the concentrations of the particular analytes in the samples. As a rule (5X rule), if the concentration of a particular analyte in a sample is less than 5 times the concentration of that same analyte in an associated blank, then the positive result for that analyte would be qualified as not detected (U). For the common VOC laboratory contaminants (methylene chloride, acetone, 2-butanone, and cyclohexane), positive results would be qualified as not detected if the sample concentration was less than 10 times the concentration found in the blank (10X rule).

Data for the following compounds were "U" qualified due to blank contamination:

SNW011 Methylene Chloride in samples 85939-1, 85939-4, 85939-5, 85939-7, 85995-3, 85995-4, 85995-6, 85995-7RE, and 85995-9; Acetone in 85939-8, 85995-2, 85995-8, and 85995-10RE; 2-Butanone in 85995-7RE; Ethyl benzene in 85995-3 and 85995-4; 1,1,2,2-Tetrachloroethane in 85995-7RE; Toluene in 85939-2, 85995-1RE, and 85995-9; Styrene in 85995-7RE.

SNW012 Methylene Chloride and 2-Butanone in 86016A-1, 86016A-2, and 86046A-1; 4-Methyl-2-pentanone and Ethyl Benzene in 86046A-1.

SNW015 Methylene Chloride in 86016-8RE.

SNW016 Methylene Chloride in 86046-1, 86046-2, 86046-3, 86046-4, 86046-5, 86046-7, and 86046-10.

System Monitoring Compounds

Three system monitoring compounds (dibromofluoromethane, toluene-d8, and p-bromofluorobenzene) are required to be added to all samples and blanks, and recoveries must be within limits specified in the method.

SNW011 All three monitoring compound recoveries exceeded the upper acceptance limit for 85995-10; the sample was reanalyzed as 85995-10RE with lower recoveries and only two exceeding the upper acceptance limit. Data from 85995-10RE was reported with positive results for Chloromethane, cis-1,2-Dichloroethene, Benzene, Trichloroethene, Ethyl Benzene, 1,2,4-Trichlorochlorobenzene, Xylenes, Methyl Acetate, and Methyl Cyclohexane "J" qualified.

SNW012 86016A-1 - Positive data for Carbon Disulfide, Benzene, Trichloroethene, Toluene, 2-Hexanone, Chlorobenzene, Styrene, 1,3-dichlorobenzene, 1,4-dichlorobenzene, 1,2,4-Trichlorobenzene, total Xylenes, Cyclohexane, and Methyl Cyclohexane were "J" qualified; non-detect data were qualified "UJ".

86016A-2 - Positive data for Carbon Disulfide, Benzene, trans-1,2-Dichloroethene, Chloroform, 4-Methyl-2-pentanone, Tetrachloroethene, Toluene, 2-Hexanone, Chlorobenzene, Styrene, 1,3-dichlorobenzene, 1,4-dichlorobenzene, 1,2,4-Trichlorobenzene, Total Xylenes, Cyclohexane, and Methyl Cyclohexane were "J" qualified.

86046A-1 - Positive data for Acetone, Trichloroethene, Toluene, Styrene, 1,3-dichlorobenzene, 1,4-dichlorobenzene, 1,2,4-Trichlorobenzene, Total Xylenes, Cyclohexane, and Methyl Cyclohexane were "J" qualified.

SNW014 86016C-1 - Positive data for Acetone, Carbon Disulfide, 2-Butanone, Benzene, Trichloroethene, Styrene, and Total Xylenes were "J" qualified; non-detect data were "UJ" qualified.

SNW015 86016-8/-8RE - Due to recovery issues, non-detect compounds were reported unqualified from 86016-8RE; positive results for Tetrachloroethene, Ethyl Benzene, Styrene, Total Xylenes, and Cyclohexane from 86016-8RE were reported "J" qualified. Positive results for Chloroethane, Acetone, Carbon Disulfide, 2-Butanone, Benzene, Trichloroethene, Toluene, and Methyl Cyclohexane were reported "J" qualified from 86016-8.

Matrix Spikes/Matrix Spike Duplicates

Matrix Spike/Matrix Spike Duplicate data were evaluated on the basis of the CLP criteria for frequency (1 MS/MSD pair per 20 samples), spike recovery, and relative percent difference between spike and spike duplicate recoveries. MS/MSD criteria were not used solely as a basis for sample data qualification, but were used in conjunction with other criteria in determining data qualification.

Laboratory Control Samples

Laboratory control sample (LCS) data are an indication of analytical accuracy and laboratory performance. A LCS must be analyzed at a frequency of 1 per 20 samples and contain the following compounds within QC limits: vinyl chloride, 1,2-dichloroethane, carbon tetrachloride, 1,2-dichloropropane, trichloroethene, 1,1,2-trichloroethane, benzene, cis-1,3-dichloropropene, bromoform, tetrachloroethene, 1,2-dibromomethane, and 1,4-dichlorobenzene.

SNW015 Positive results for 2-Butanone were "J" qualified in 86016-1, 86016-2, 86016-3, 86016-4, 86016-5, 86016-6, 86016-7, 86016-8, 86016-9, 86016-10, 86016-11, 86016-12, 86016-13, 86016-14, 86016-15, and 86016-16.

SNW016 Non-detect results for Methyl t-butyl ether and 4-Methyl-2-pentanone were "R" qualified in 86046-8 due to low recoveries.

Regional Quality Assurance and Quality Control

Samples 86016-3 and 86016-4 were field duplicates of 86016-5 and 86016-6, respectively.

Analyte	86016-3 (ug/kg)	86016-5 (ug/kg)	RPD
Acetone	590	590	0
Carbon Disulfide	7.8	6	26
cis-1,2-Dichloroehtene	1.8	5.5	101
2-Butanone	58	72	22
Benzene	33	62	61
Trichloroethene	3.9	1.8	74
Toluene	8.3	12	36
Ethylbenzene	2.5	2.9	15
Xylenes	3.4	4.7	32
Cyclohexane	3	2.7	11
Methylcyclohexane	4.3	3.4	23

Analyte	86016-4 (ug/kg)	86016-6 (ug/kg)	RPD
Acetone	300	160	61
Methylene Chloride	0.54	0.61	12
2-Butanone	30	26	14
Benzene	1.1	0.6	59
Trichloroethene	31	12	88
Toluene	1.3	0.65	67
Methyl Acetate	170	27	145
Cyclohexane	1.8	0.8	77
Methylcyclohexane	2.4	0.36	148

Internal Standards

Internal standard (IS) performance is an indication of GC/MS sensitivity and response during sample analyses. Internal standard criteria are two-fold: IS area counts must not vary by more than ± 40 percent from the associated 12-hour calibration standard; and the retention time of the IS must not vary by more than ± 20 seconds from the retention time of the associated 12-hour calibration standard. The following data were qualified for exceedance of IS criteria.

SNW011 Positive results for Toluene, Ethyl Benzene, and Xylenes in samples 85995-1RE, 85995-5RE, and 85995-9 were "J" qualified; non-detect results for 4-methyl-2-pentanone, Tetrachloroethene, 2-Hexanone, 1,2-Dibromoethane, Chlorobenzene, Styrene, Isopropyl Benzene, 1,1,2,2-Tetrachloroethane, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 1,2-Dichlorobenzene, 1,2-Dibromo-3-chloropropane, and 1,2,4-trichlorobenzene were "UJ" qualified.

Positive results for Toluene, Chlorobenzene, Ethyl Benzene, and Xylenes in 85995-7 were "J" qualified; non-detect results for 4-methyl-2-pentanone, Tetrachloroethene, 2-Hexanone, 1,2-Dibromoethane, Styrene, Isopropyl Benzene,

1,1,2,2-Tetrachloroethane, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 1,2-Dichlorobenzene, 1,2-Dibromo-3-chloropropane, and 1,2,4-trichlorobenzene were "UJ" qualified.

SNW015 A high recovery of Chlorobenzene-D5 in 86016-8 resulted in "J" qualification of Toluene.

86016-13 exhibited extremely low recoveries of each of the internal standards which resulted in unusable data. The sample was diluted and reanalyzed (86016-13DL) with acceptable internal standard recoveries; however, the analytical holding time had been exceeded. Data from 86016-13DL were reported with positive results Qualified "J" and non-detect results qualified "UJ". The minimum detection limits for target analytes in the diluted run were elevated and in many cases exceed screening values.

A low recovery of 1,4-Difluorobenzene in 86016-14 resulted in "J" qualification of Cyclohexane, Benzene, and Methyl Cyclohexane, and "UJ" qualification of non-detect results for 1,1,1-Trichloroethane, Carbon Tetrachloride, 1,2-Dichloropropane, Bromodichloromethane, cis-1,3-Dichloropropene, trans-1,3-Dichloropropene, 1,1,2-Trichloroethane, Dibromochloromethane, and Bromoform.

Low recoveries for each IS in 86016-15 resulted in "J" qualification of Carbon Disulfide, 2-Butanone, Benzene, Trichloroethene, Toluene, Ethyl Benzene, Total Xylenes, Cyclohexane, and Methyl Cyclohexane; all non-detects were qualified "UJ".

Target Compound Identification

Criteria for target compound identification minimize the number of erroneous compound identifications, both false positive and false negative, for GC/MS qualitative analysis, and include examination of retention times as compared to standard retention times and sample compound mass spectra which match standard mass spectra. The following data was qualified "U" based on mass spectra criteria.

SNW011 Chlorobenzene in 85939-8, 85995-2, and 85995-4; Cyclohexane in 85995-6; cis-1,2-Dichloroethene in 85939-4.

SNW012 1,3-Dichlorobenzene in 86016A-1 and 86016A-2; Styrene in 86016A-2.

SNW014 2-Butanone in 86016C-2.

SNW015 Trichloroethene in 86016-8; 1,2-Dibromo-3-chloropropane in 86016-9; 1,3-Dichlorobenzene in 86016-12; 1,4-Dichlorobenzene in 86016-13DL.

Compound Quantitation and Reported CRQLs

Compound quantitation must be calculated according to the correct equation, calculated based on the correct internal standard, based on the quantitation ion specified by the method for internal standards and analytes, and based on the RRF from the appropriate daily standard. CRQL adjustment must be calculated according to the appropriate equation.

System Performance

System performance appears satisfactory over the period which samples of this analytical group were analyzed. No apparent changes in baseline shift or decrease in sensitivity are noted.

SEMIVOLATILE ORGANIC COMPOUNDS

POTESTA following the USEPA guidance, *"USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review,"* dated October 1999, completed data validation procedures for the completed semivolatile organic compound analyses.

Samples listed by STL-Savannah laboratory identification numbers in Table 1 were analyzed for SVOCs by SW-846 method 8270C.

Holding Times

Technical holding time requirements for soil matrices have not been established. It is recommended that samples must be maintained at 4°C (±2°C), extracted within 14 days of collection, and analyzed within 40 days of extraction.

GC/MS Instrument Performance Checks

The laboratory performed required instrument performance checks with decafluorotriphenylphosphine at the beginning of each 12-hour analytical period on each instrument utilized for sample analysis. Each performance check met the required ion abundance criteria indicating the instruments were in tune and operating properly.

Initial Calibration

Initial calibration data were reviewed with regard to relative response factors (RRFs), percent relative standard deviation (%RSD), calibration curve linearity, and standard concentrations.

SNW012 "UJ" qualified: non-detect results for Ethyl Parathion 85995A-1RE and Benzaldehyde in 85995A-1RE, 86016A-1, 86016A-2, and 86046A-1.

SNW013 "UJ" qualified: non-detect results for Benzaldehyde in 86016B-1, 86016B-2, and 86046B-1.

SNW014 "UJ" qualified: non-detect results for Benzaldehyde in 86016C-1, 86016C-2, and 86046C-1.

"J" qualified: Benzaldehyde in 85995C-1.

SNW015 "UJ" qualified: non-detect results for Benzaldehyde in all samples; non-detect results for Ethyl Parathion in 86016-1, 86016-2, 86016-7, 86016-8, 86016-9, 86016-10, and 86016-13.

Continuing Calibration

Continuing calibration (CC) evaluations were based on the following criteria: continuing calibration analysis must be performed at the beginning of each 12-hour analytical period following the analysis of the instrument performance check and prior to the analysis of the method blank; RRFs for each target compound and surrogate must be greater than or equal to 0.05; % Difference (%D) or % Drift, depending on the type of calibration curve as discussed in SW-846 Method 8000, must be within ±25% of the initial calibration RRF or initial calibration amount.

SNW011 Non-detect results for Hexachlorocyclopentadiene, 2,4-Dintrophenol, Benzaldehyde, and Ethyl Parathion in 85939-1, 85939-2, 85939-4, 85939-5, 85939-6, 85939-7, and 85939-8 were qualified "UJ".

Non-detect results for 1,1'-Biphenyl and Acetophenone in 85939-3 were "UJ" qualified.

SNW012 "UJ" qualified non-detect results: 1,1'-Biphenyl and Ethyl Parathion in 85995A-1RE; 2,4-Dinitrophenol and Benzaldehyde in 86016A-1, 86016A-2, and 86046A-1.

SNW013 "UJ" qualified non-detect results: Benzaldehyde in 86016B-1, 86016B-2, and 86046B-1; 2,4-Dinitrophenol in 86016B-1, 86016B-2, and 86046B-1; 4,6-Dinitro-2-methylphenol in 86046B-1.

SNW014 "UJ" qualified non-detect results: Benzaldehyde in 86016C-1, 86016C-2, and 86046C-1; 2,4-Dinitrophenol and 4,6-Dinitro-2-methylphenol in 85995C-1, 86016C-1, 86016C-2, and 86046C-1.

"J" qualified: Benzaldehyde in 85995C-1.

SNW015 "UJ" qualified non-detect results: Aniline in 86016-1, 86016-2, 86016-7, 86016-8, and 86016-13; 1,1'-Biphenyl in 86016-1, 86016-2, 86016-7, 86016-8, 86016-9, 86016-10, and 86016-13.

"J" qualified: Aniline in 86016-9 and 86016-10.

SNW016 Non-detect results for Benzaldehyde were "UJ" qualified in all samples.

Blanks

The laboratory analyzed method blanks as part of the analytical QA/QC for this project work plan in order to identify any laboratory, background, and reagent contamination.

Blanks should contain no contamination. If a blank is found to be contaminated with one or more target analytes, then data qualification of the associated samples are determined based on the magnitude of the blank contamination as compared to the concentrations of the particular analytes in the samples. As a rule (5X rule), if the concentration of a particular analyte in a sample is less than 5 times the concentration of that same analyte in an associated blank, then the positive result for that analyte would be qualified as not detected (U). For the common phthalate contaminants, positive results would be qualified as not detected if the sample concentration was less than 10 times the concentration found in the blank (10X rule).

Surrogate Spikes

Six system monitoring compounds (surrogate spikes), three acid compounds (2-fluorophenol, phenol-d5, 2,4,6-tribromophenol) and three base/neutral compounds (nitrobenzene-d5, 2-fluorobiphenyl, terphenyl-d14), were added to all samples and blanks.

Base/Neutral Compounds		
Aniline	Dibenzofuran	bis(2-ethylhexyl)phthalate
bis(2-chloroethyl)ether	2,4-dinitrotulunene	Chrysene
2,2'-oxybis(1-chloropropane)	diethylphthalate	di-n-octylphthalate
n-nitroso-di-n-propylamine	fluorene	benzo(b)fluoranthene
Hexachloroethane	4-chlorophenyl-phenylether	benzo(k)fluoranthene
Nitrobenzene	4-nitroaniline	benzo(a)pyrene
Isophorone	n-nitrosodiphenylamine	indeno(1,2,3-cd)pyrene
bis(2-chloroethoxy)methane	4-bromophenyl-phenylether	dibenzo(a,h)anthracene
Naphthalene	hexachlorobenzene	benzo(g,h,i)perylene
4-chloroaniline	phenanthrene	acetophenone
Hexachlorobutadiene	anthracene	1,2,4,5-tetrachlorobenzene
2-methylnaphthalene	carbazole	1,1-biphenyl
hexachlorocyclopentadiene	di-n-butylphthalate	Ethyl Parathion
2-chloronaphthalene	Fluoranthene	Benzaldehyde
2-nitroaniline	Pyrene	Caprolactam
Dimethylphthalate	Butylbenzylphthalate	Atrazine
2,6-dinitrotoluene	3,3'-dichlorobenzidine	
Acenaphthene	Benzo(a)anthracene	

Acid Compounds	
Phenol	4-chloro-3-methylphenol
2-clorophenol	2,4,6-trichlorophenol
o-cresol (2-methylphenol)	2,4,5-trichlorophenol
m&p-cresol (3-methyl/4-methylphenol)	2,4-dinitrophenol
2-nitrophenol	4-nitrophenol
2,4-dimethylphenol	4,6-dinitro-2-methylphenol
2,4-dichlorophenol	pentachlorophenol

Matrix Spikes/Matrix Spike Duplicates

Matrix Spike/Matrix Spike Duplicate data were evaluated on the basis of the CLP criteria for frequency (1 MS/MSD pair per 20 samples), spike recovery, and relative percent difference between spike and spike duplicate recoveries. MS/MSD criteria were not used solely as a basis for sample data qualification, but were used in conjunction with other criteria in determining data qualification.

SNW011 Sample 85939-3 was used as the MS/MSD; low recoveries for many of the spiking compounds indicated the presence of matrix interference. After viewing the associated LCS, the low recovery issues were determined to be unique to sample 85939-3 and impacted compounds were qualified accordingly.

Non-detect results for Aniline, 3&4-Methylphenol, 2-Nitrophenol, 2,4-Dimethylphenol, 2,4-Dichlorophenol, Naphthalene, 4-Chloroanailine, Hexachlorobutadiene, 2,4,6-Trichlorophenol, 2,4,5-Trichlorophenol, 2-Chloronaphthalene, 2-Nitroaniline, Dimethylphthalate, 2,6-Dinitrotoluene, Acenaphthene, 4-Nitroaniline, 4,6-Dinitro-2-methylphenol, 4-Bromophenyl-phenylether, Butylbenzylphthalate, Chrysene, and Di-n-octylphthalate in 85939-3 were qualified "UJ".

Non-detect results in 85939-3 for Hexachlorocyclopentadiene, 2,4-Dinitrophenol, Pentachlorophenol, Benzo(k)fluoranthene, Dibenzo(a,h)anthracene, and Benzo(g,h,i)perylene were qualified "R".

SNW015 Non-detect result results for Benzo(g,h,i)perylene and 2-Chloronaphthalene were "UJ" qualified in 86016-3.

Non-detect result for Hexachlorocyclopentadiene in 86016-3 was "R" qualified.

SNW016 Non-detect results for 4-Chloroaniline, 2,4,6-Trichlorophenol, and Dimethylphenol were qualified "UJ" in all samples; non-detect results for aniline were "UJ" qualified in 86046-1, 86046-2, 86046-3, 86046-4, 86046-5, 86046-6, 86046-9, and 86046-10.

Positive results for Aniline in 86046-7 and 86046-8 were "J" qualified.

Non-detect results for Hexachlorocyclopentadiene were qualified "R" in all samples.

After a comprehensive review of all MS/MSD data, non-detect data for Hexachlorocyclopentadiene was "R" qualified in all samples associated with this project.

Laboratory Control Samples

Laboratory control sample (LCS) data are an indication of analytical accuracy and laboratory performance. A LCS must be analyzed at a frequency of 1 per 20 samples and contain the following compounds within QC limits: phenol, 2-chlorophenol, 4-chloroaniline, 2,4,6-trichlorophenol, bis(2-chloroethyl)ether, n-nitroso-di-n-propylamine, hexachloroethane, isophorone, naphthalene, 2,4-dinitrotoluene, diethylphthalate, n-nitrosodiphenylamine, hexachlorobenzene, and benzo(a)pyrene.

SNW013 Aniline was qualified "R" in 86046B-1 due to low recovery in the associated LSC.

SNW014 Aniline was qualified "R" in 86046C-1 due to low recovery in the associated LSC.

Regional Quality Assurance and Quality Control

Samples 86016-3 and 86016-4 were field duplicates of 86016-5 and 86016-6, respectively.

Analyte	86016-3 (ug/kg)	86016-5 (ug/kg)	RPD
Phenanthrene	66	56	16
Fluoranthene	130	150	14
Pyrene	150	160	6
Benzo(a)anthracene	100	100	0
bis(2-Ethylhexyl)phthalate	310	210	38
Chrysene	99	110	11
Benzo(b)fluoranthene	370	160	79
Benzo(k)fluoranthene	210	130	47
Benzo(a)pyrene	170	180	6
Indeno(1,2,3-cd)pyrene	88	140	46
Dibenzo(a,h)anthracene	79	120	41
Benzo(g,h,i)perylene	140	190	30

Analyte	86016-4 (ug/kg)	86016-6 (ug/kg)	RPD
Aniline	74	23	105
2,4,5-Trichlorophenol	120	140	15
Fluorene	52	22	81
n-Nitrosodiphenylamine	93	30	102

Analyte	86016-4 (ug/kg)	86016-6 (ug/kg)	RPD
Pentachlorophenol	260	34	154
Phenanthrene	300	100	100
Anthracene	77	32	83
Carbazole	52	30	54
Fluoranthene	30	140	129
Pyrene	15	130	159
Benzo(a)anthracene	190	85	76
bis(2-Ethylhexyl)phthalate	170	120	34
Chrysene	170	73	80
di-n-Octylphthalate	290	32	160
Benzo(b)fluoranthene	300	33	160
Benzo(k)fluoranthene	220	150	38
Benzo(a)pyrene	300	100	100
Indeno(1,2,3-cd)pyrene	200	93	73
Dibenzo(a,h)anthracene	180	85	72
Benzo(g,h,i)perylene	210	100	71
1,2,4,5-tetrachlorobenzene	21	38	58

Internal Standards

Internal standards (IS) performance criteria ensure that GC/MS sensitivity and response are stable during every analytical run. Internal standard area counts must not vary by more than a factor of two (-50 percent to +100 percent) from the associated 12-hour standard; the retention time of the internal standards must vary by more than ± 30 seconds from the retention time of the associated 12-hour standard.

SNW012 Due to a low response for Perylene-d12 in 85995A-1, data from 85995A-1RE was reported.

SNW015 Data from 86016-13RE, rather than 86016-13, was reported due to IS performance; 86016-13RE exhibited a single IS recovery outside of QC limits as opposed to two for 86016-13. Recovery of Perylene-d12 in 86016-13RE resulting in "J" qualification of Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene, Dibenzo(a,h)anthracene, and Benzo(g,h,i)perylene; and "UJ" qualification of Di-n-octylphthalate.

Target Compound Identification

Criteria for target compound identification minimize the number of erroneous compound identifications, both false positive and false negative, for GC/MS qualitative analysis, and include examination of retention times as compared to standard retention times and sample compound mass spectra which match standard mass spectra.

Compound Quantitation and Reported CRQLs

Compound Quantitation must be calculated according to the correct equation; calculated based on the correct internal standard; based on the quantitation ion specified by the method for internal standards and analytes; based on the RRF from the appropriate daily standard. CRQL adjustment must be calculated according to the appropriate equation.

System Performance

System performance appears satisfactory over the period which samples of this analytical group were analyzed. No apparent changes in baseline shift or decrease in sensitivity are noted.

CHLORINATED HERBICIDE ANALYSIS

Data review guidelines for chlorinated herbicide analytical data by SW-846 Method 8151A are not included under the Contract Laboratory Program. Therefore, POTESTA has completed data validation procedures for the chlorinated herbicide analytical data in accordance with SW-846, Methods 8000B and 8151A.

Holding Times

All samples were extracted within 14 days and analyzed within 40 days as required by SW-846.

SNW015 Sample 86016-10 was reanalyzed (86016-10RE) outside of holding time due to surrogate issues. Data from 86016-10RE was reported with positive results for 2,4,5-T "J" qualified, and non-detect results for 2,4-D and 2,4,5-TP "UJ" qualified.

Initial Calibration

All analytes of interest must have %RSD values of less than or equal to 20.

Continuing Calibration

Each analyte must fall within its respective retention time window and have a %D value of less than or equal to 15.

SNW011 Non-detect results for 2,4-D were "UJ" qualified in 85939-1, 85939-3, 85939-5, 85939-6, 85939-7, and 85939-8.

Positive results for 2,4,5-TP were "J" qualified in 85995-5, 85995-7, 85995-8, 85995-9, and 85995-10.

SNW012 Positive results for 2,4,5-T were "J" qualified in 85995A-1, 86046A-1, 86016A-1, and 86016A-2.

SNW013 Positive results for 2,4,5-T were "J" qualified in 86046B-1.

SNW015 Positive results for 2,4,5-T were "J" qualified in 86016-1, 86016-2, 86016-3, 86016-4, 86016-5, 86016-6, 86016-7, 86016-8, 86016-9, 86016-11, 86016-12, 86016-13, 86016-14, and 86016-15.

Non-detect results for 2,4-D were "UJ" qualified in 86016-10RE.

SNW016 Positive results for 2,4,5-T were "J" qualified in 86046-5, 86046-7, and 86046-8.

Non-detect results for 2,4,5-T were "UJ" qualified in 86046-1, 86046-2, 86046-3, 86046-4, 86046-6, 86046-9, and 86046-10.

Blanks

A method blank should be analyzed before sample analyses are conducted in order to identify laboratory, background, and reagent contamination. Method blanks should contain no contamination. If a blank is found to be contaminated with one or more target analytes, then data qualification of the associated samples are determined based on the magnitude of the blank contamination as compared to the concentrations of the particular analytes in the samples. As a rule (5X rule), if the concentration of a particular analyte in a sample is less than 5 times the concentration of that same analyte in an associated blank, then the positive result for that analyte would be qualified as not detected (U).

Surrogate Recoveries

Surrogate recoveries for all analyses must fall within quality control limits.

Matrix Spikes/Matrix Spike Duplicates (MS/MSD)

A MS/MSD pair should be analyzed with each analytical batch.

Laboratory Control Samples (LCS)

An LCS should be analyzed with each analytical batch and all spiked compounds should be within recovery limits.

Regional Quality Assurance and Quality Control

Samples 86016-3 and 86016-4 were field duplicates of 86016-5 and 86016-6, respectively.

Analyte	86016-3 (ug/kg)	86016-5 (ug/kg)	RPD
2,4,5-TP	520	0.53	200
2,4,5-T	350	630	57

Analyte	86016-4 (ug/kg)	86016-6 (ug/kg)	RPD
2,4,5-TP	34	0.53	194
2,4,5-T	300	930	102

Target Compound Identification

Each identified compound must be within its respective retention time window, and the relative percent difference (RPD) in concentrations between the two detectors should be less than or equal to 40 percent.

The following positive results were "J" qualified due to RPDs exceedance:

SNW011 2,4,5-T in 85939-2, 85939-3, 85995-9, and 85995-10.

SNW012 2,4,5-T in 85995A-1, 86016A-2, and 86046A-1; 2,4-D in 86016A-2.

SNW013 2,4-D in 86016B-2DL and 2,4,5-T in 86046B-1.

SNW014 2,4,5-T in 86046C-1.

SNW015 2,4,5-T in 86016-7, 86016-8, and 86016-11.

SNW016 2,4,5-T in 86046-5, 86046-7, and 86046-8.

INORGANIC DATA ANALYSIS

POTESTA, following the USEPA guidance *"USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review"* dated October 1999, completed data validation procedures for the inorganic data analysis for metals including mercury by SW-846 Methods 6010B and 7471A.

Holding Times

Technical requirements for holding times have not been established for metals or mercury in soil matrices; however, soil samples should be maintained at 4°C (±2°C).

Calibration

Calibration for cyanide, metals, and mercury must be performed every 24 hours or each time the instrument is set up, and the calibration curve must exhibit a correlation coefficient ≥0.995. Continuing calibration verification (CCV) must be performed at a frequency of 10 percent or

every two hours, and percent recoveries for initial and continuing calibrations must be within control limits.

SNW011 Positive results for Selenium in samples 85939-1 and 85939-5 were "J" qualified and non-detect results for the remainder of samples were qualified "UJ" due to low recovery in the contract required quantitation limit standard (CRI).

Blanks

The objective of blank analysis is to determine the existence and magnitude of laboratory contamination. Initial calibration blanks (ICB) should be analyzed after the analytical standards, but not before the initial calibration verification (ICV) during initial calibration. Continuing calibration blanks (CCB) should be analyzed at each wavelength used for analysis immediately after each ICV and CCV. CCBs should be analyzed at a 10 percent frequency or every two hours, whichever is more frequent. At least one preparation blank should be prepared and analyzed per SDG, or with each batch of samples digested, whichever comes first.

SNW013 Positive results for Zinc in 86016B-2 and 86046B-1 were "J+" qualified (estimated high).

SNW014 Positive results for Zinc and Lead were "U" qualified for 85995C-1, 86016C-1, 86016C-2, and 86046C-1.

Inductively Coupled Plasma-Interference Check Sample (ICP-ICS)

The ICP-ICS verifies the instruments ability to overcome interference. An ICP-ICS must be analyzed for every 20 samples consisting of two solutions: Solution A and Solution AB. Solution A consists of interferents, and Solution AB consists of interferents mixed with analytes. Recovery for each solution must be within ±20 percent of the true value.

Laboratory Control Samples

Laboratory control sample (LCS) data are an indication of analytical accuracy and laboratory performance. An LCS should be analyzed for each SDG or each preparation batch, whichever comes first. Percent recoveries must be within the prescribed control limits.

Duplicate Sample Analysis

At least one duplicate sample should be prepared and analyzed for each SDG with control limit of 20 percent RPD.

SNW011 Positive results for Aluminum, Calcium, and Magnesium (all samples) were "J" qualified.

SNW012 Positive results for Calcium and Magnesium (all samples) were "J" qualified.

Spike Sample Analysis

Spiked sample analysis provides information about the effect of sample matrix on sample preparation procedures and measurement methodology. A pre-digestion spike should be analyzed for each SDG and percent recoveries (%R) should be within control limits. When the pre-digestion spike is outside control limits and the sample result is less than four times the spike added, a post-digestion spike should be performed for the analytes which did not meet the specified criteria. Spike recovery limits do not apply if the sample concentration is greater than or equal to four times the spike added.

SNW012 Positive results for Potassium in all samples were "J" qualified.

SNW015 Positive results for Lead and Mercury were "J" qualified in all samples.

SNW016 Positive results for Potassium and Mercury were "J" qualified in all samples.

ICP Serial Dilution

The serial dilution of samples determines whether or not significant physical or chemical interferences exist due to sample matrix. If the original sample concentration is sufficiently high (50x the method detection limit), the serial dilution (5x dilution) concentration should be within 10 percent of the original sample concentration.

SNW012 Positive results for Zinc in all samples were "J" qualified.

Field Duplicates

Samples 86016-3 and 86016-4 were field duplicates of 86016-5 and 86016-6, respectively.

Analyte	86016-3 (ug/kg)	86016-5 (ug/kg)	RPD
Aluminum	7100	7100	0
Antimony	1.1	0.92	18
Arsenic	8.9	11	21
Barium	150	150	0
Beryllium	0.8	0.86	7
Cadmium	0.78	0.76	3
Calcium	52000	29000	57
Chromium	19	18	5
Cobalt	7	7	0
Copper	51	51	0
Iron	18000	17000	6
Lead	120	74	47
Magnesium	5900	3100	62
Manganese	420	420	0
Nickel	20	20	0

Analyte	86016-3 (ug/kg)	86016-5 (ug/kg)	RPD
Potassium	1200	1200	0
Silver	0.17	0.14	19
Sodium	180	160	12
Vanadium	16	16	0
Zinc	190	160	17
Mercury	0.69	0.71	3

Analyte	86016-4 (ug/kg)	86016-6 (ug/kg)	RPD
Aluminum	7700	7400	4
Antimony	0.66	1.2	58
Arsenic	5.3	5.4	2
Barium	160	170	6
Beryllium	0.82	0.8	2
Cadmium	0.37	1	92
Calcium	8300	22000	90
Chromium	15	18	18
Cobalt	9.5	8.2	15
Copper	32	130	121
Iron	20000	20000	0
Lead	45	77	52
Magnesium	2500	2300	8
Manganese	590	510	15
Nickel	20	33	49
Potassium	1200	1100	9
Silver	0.12	0.26	74
Sodium	85	110	26
Vanadium	18	17	6
Zinc	100	210	71
Mercury	0.31	0.31	0

DIOXINS/FURANS ANALYSIS

For evaluation of data for this project, POTESTA utilized *"USEPA Contract Laboratory Program National Functional Guidelines for Chlorinated Dioxin/Furan Data Review,"* EPA-540-R-02-003, August 2002.

Samples listed by STL-Sacramento laboratory identification numbers in Table 2 were analyzed for polychlorinated dibenzo-p-dioxins (dioxins) and polychlorinated dibenzofurans (furans) by EPA Method 1613B.

Holding Times

Soil samples must be stored in the dark at 4°C (±2°C); however, according to Method 1613B, there is no maximum holding time associated with soil samples.

Mass Calibration and Mass Spectrometer Resolution

Verification has been provided that the instrument utilized in these analyses has met the minimum resolution requirements of ≥10,000 for perfluorokerosene at the beginning of each 12-hour analytical period.

Window Defining Mix

A window defining mix was analyzed during each 12-hour analytical period on the instrument equipped with a DB-5 column demonstrating appropriate switching times for selected ion monitoring time descriptors.

Chromatographic Resolution

Satisfactory chromatographic resolution has been demonstrated by the analysis of a column performance solution during each 12-hour analytical period. The instrument set up with a DB-5 column demonstrated peak separations between the 2, 3, 7, 8 – TCDD and 1, 2, 3, 8 – TCDD peaks with a valley less than 25 percent of the peak height of 2, 3, 7, 8 – TCDD. The instrument equipped with a DB-225 column demonstrated peak separations between 2, 3, 7, 8 – TCDF and 2, 3, 4, 7 – TCDF with a valley less than 25 percent of the peak height of 2, 3, 7, 8 – TCDF.

G3H130282 The positive result for 2,3,7,8-TCDD in sample 001 was "J" qualified.

Instrument Stability

Raw data from the midpoint (C3) standards analyzed at the beginning of each 12-hour analytical period were evaluated with regard to retention times, relative retention times, ion abundance ratios, signal-to-noise ratios, and response.

Initial Calibration

The initial calibration of each instrument utilized for sample analysis on this project met the minimum criteria set forth by the USEPA regarding resolution, ion abundance, retention time, sensitivity, linearity, concentration, and frequency.

Calibration Verification

Calibration verification was performed at the beginning of each 12-hour analytical period by the analysis of a midpoint (C3) standard. The midpoint standard analysis was conducted on each instrument utilized for sample analysis according to the following criteria: ion abundance ratio, retention time, relative retention time, signal-to-noise ratio, and analyte response.

Identification Criteria

Examination of quantitation summaries and corresponding raw data with regard to compound identification criteria including retention times, signal/noise ratios, and ion abundance ratios indicates that target analytes were properly identified.

G3G310237 Positive results for 1,2,3,7,8-PeCDF in samples 001, 004, and 006 were "J" qualified.

G3H020194 Positive results for 2,3,4,7,8-PeCDF in samples 001, 002, 005, and 006 were "J" qualified.

Method Blanks

Method blanks should not contain any interference above the contract required quantitation limit at the m/z of the specified.

Laboratory Control Samples

The laboratory must prepare and analyze an LCS for each SDG, and all spiked compounds must be within QC limits.

Toxicity Equivalency Factor

Toxicity equivalency concentration calculations have been performed correctly.

Dilutions

All sample results must be within the calibration range as defined by the initial calibration. Samples exhibiting results exceeding the calibration range should be diluted and reanalyzed; however, historical data from the laboratory indicates that, unless the detector has been saturated, dilution and reanalysis will not produce significantly different results than from the initial analysis. In such instances, the laboratory reported the initial results designated by an "E" qualifier. All "E" qualified results reported by the laboratory were "J" qualified according to the data review process.

G3G310237 Positive results for 2,3,7,8-TCDD in samples 001 through 006 and OCDD in sample 003 were "J" qualified.

G3H010203 Positive results for 2,3,7,8-TCDD in sample 001 were "J" qualified.

G3H020194 Positive results for 2,3,7,8-TCDD in samples 001 through 008 and 1,2,3,4,6,7,8-HpCDD in samples 003, 007, and 008 were "J" qualified.

The positive result for OCDD in sample 003 saturated the detector; as a result, the sample was re-analyzed at a 5x dilution which exceeded the calibration range but did not saturate the detector. This data was "J" qualified.

G3H050305 Positive results for 2,3,7,8-TCDD and OCDD in sample 001 were "J" qualified.

G3H070308 Positive results for 2,3,7,8-TCDD in samples 001 through 004 and 2,3,7,8-TCDF in 004 were "J" qualified.

Second Column Confirmation

Second column confirmation was employed for each sample in order to confirm the presence of 2, 3, 7, 8 – TCDF. Second column analysis was performed on an instrument set up with a DB-225 gas chromatograph column which met all acceptance criteria previously discussed.

Estimated Detection Limit

EDLs have been properly calculated and reported.

Labeled Compound Recoveries

Recovery of the labeled compounds is an indication of laboratory's and method's effectiveness in extracting compounds of interest. All samples should meet criteria for recovery, signal/noise ratio, and ion abundance ratio of labeled compounds.

Field Duplicates

Field duplicates were not analyzed.

Overall Assessment of Data

The laboratory analysis of the samples within this project was conducted according to USEPA standards, and all reported data has been judged valid. No additional data qualification was required.

VOC DATA QUALIFICATION SUMMARY

SDG	SNW011	SNW011	SNW011	SNW011	SNW011	SNW011	SNW011
SAMPLE ID	85939-1	85939-2	85939-3	85939-4	85939-5	85939-6	85939-7
SAMPLE NAME	SB-E1(0-0.5')	SB-E1(0.5-6.0')	SB-E2(0-0.5')	SB-E2(0.5-6.0')	SB-F2(0-0.5')	SB-F2(0.5-6.0')	SB-F3(0-0.5')
COMPOUND (8260, VOCs)							
1,1,1-Trichloroethane							
1,1,1,2-tetrachloroethane							
1,1,2,2-Tetrachloroethane							
1,1,2-Trichloro-1,2,2-trifluoroethane							
1,1,2-Trichloroethane							
1,2-Dibromoethane							
1,1-Dichloroethane							
1,1-Dichloroethene							
1,2,3-Trichlorobenzene							
1,2,4-Trichlorobenzene		UJ				UJ	
1,1,1-Trichloroethane							
1,2,3-Trichloropropane							
1,2-Dibromo-3-chloropropane	UJ	R			UJ	R	UJ
1,2-Dibromoethane							
1,2-Dichlorobenzene							
1,2-Dichloroethane							
1,2-Dichloropropane							
1,3-Dichlorobenzene							
1,4-Dichlorobenzene							
2-Butanone (MEK)							
2-Hexanone	UJ				UJ		UJ
4-Methyl-2-pentanone (MIBK)	UJ				UJ		J
Acetone		J				J	
Benzene							
Bromodichloromethane							
Bromoform	UJ				UJ		UJ
Bromomethane (Methyl bromide)			UJ	UJ			
Carbon disulfide							
Carbon tetrachloride							
Chlorobenzene							
Chloroethane							

J Estimated value.
R Rejected.
UJ Not detected above the quantitation limit. However, the quantitation limit is approximated.
U Not detected.

VOC DATA QUALIFICATION SUMMARY

SDG	SNW011	SNW011	SNW011	SNW011	SNW011	SNW011	SNW011
SAMPLE ID	85939-1	85939-2	85939-3	85939-4	85939-5	85939-6	85939-7
SAMPLE NAME	SB-E1(0-0.5')	SB-E1(0.5-6.0')	SB-E2(0-0.5')	SB-E2(0.5-6.0')	SB-F2(0-0.5')	SB-F2(0.5-6.0')	SB-F3(0-0.5')
COMPOUND (8260, VOCs)							
Chloroform							
Chloromethane							
cis-1,2-Dichloroethene				U			
cis-1,3-Dichloropropene							
Cyclohexane		UJ				J	
Dibromochloromethane							
Dibromomethane							
Dichlorodifluoromethane	UJ				UJ		UJ
Ethylbenzene							
Isopropylbenzene							
Methyl acetate							
Methyl-t-butyl ether (MTBE)							
Methylcyclohexane		UJ				J	
Methylene chloride (Dichloromethane)	U			U	U		U
Styrene							
Tetrachloroethene							
Toluene		U					
trans-1,2-Dichloroethene							
trans-1,3-Dichloropropene							
Trichloroethene							
Trichlorofluoromethane							
Trichlorotrifluoroethane		UJ				UJ	
Vinyl chloride							
Xylenes, Total							

J Estimated value.
R Rejected.
UJ Not detected above the quantitation limit. However, the quantitation limit is approximated.
U Not detected.

VOC DATA QUALIFICATION SUMMARY

SDG	SNW011	SNW011	SNW011	SNW011	SNW011	SNW011	SNW011
SAMPLE ID	85939-8	85995-1	85995-2	85995-3	85995-4	85995-5	85995-6
SAMPLE NAME	SB-F3(0.5-6.0')	SB-C3(0-0.5')	SB-C3(0.5-6.0')	SB-C5(0-0.5')	SB-C5(0.5-6.0')	SB-D1(0-0.5')	SB-D1(0.5-6.0')
COMPOUND (8260, VOCs)							
1,1,1-Trichloroethane							
1,1,1,2-tetrachloroethane							
1,1,2,2-Tetrachloroethane		UJ				UJ	
1,1,2-Trichloro-1,2,2-trifluoroethane							
1,1,2-Trichloroethane		UJ					UJ
1,2-Dibromoethane		UJ					UJ
1,1-Dichloroethane							
1,1-Dichloroethene							
1,2,3-Trichlorobenzene							
1,2,4-Trichlorobenzene		UJ				UJ	
1,1,1-Trichloroethane							
1,2,3-Trichloropropane							
1,2-Dibromo-3-chloropropane		UJ				UJ	
1,2-Dibromoethane							
1,2-Dichlorobenzene		UJ				UJ	
1,2-Dichloroethane		UJ					UJ
1,2-Dichloropropane							
1,3-Dichlorobenzene		UJ				UJ	
1,4-Dichlorobenzene		UJ				UJ	
2-Butanone (MEK)							
2-Hexanone		UJ				UJ	
4-Methyl-2-pentanone (MIBK)		UJ				UJ	UJ
Acetone	U		U			J	
Benzene							
Bromodichloromethane							
Bromoform							
Bromomethane (Methyl bromide)				UJ	UJ		
Carbon disulfide							
Carbon tetrachloride							
Chlorobenzene	U	UJ	U		U	UJ	
Chloroethane							

J Estimated value.
R Rejected.
UJ Not detected above the quantitation limit. However, the quantitation limit is approximated.
U Not detected.

VOC DATA QUALIFICATION SUMMARY

SDG	SNW011	SNW011	SNW011	SNW011	SNW011	SNW011	SNW011
SAMPLE ID	85939-8	85995-1	85995-2	85995-3	85995-4	85995-5	85995-6
SAMPLE NAME	SB-F3(0.5-6.0')	SB-C3(0-0.5')	SB-C3(0.5-6.0')	SB-C5(0-0.5')	SB-C5(0.5-6.0')	SB-D1(0-0.5')	SB-D1(0.5-6.0')
COMPOUND (8260, VOCs)							
Chloroform							
Chloromethane							
cis-1,2-Dichloroethene							
cis-1,3-Dichloropropene							
Cyclohexane	UJ		UJ				U
Dibromochloromethane							
Dibromomethane							
Dichlorodifluoromethane							
Ethylbenzene		J		U	U	J	
Isopropylbenzene		UJ				UJ	
Methyl acetate							
Methyl-t-butyl ether (MTBE)							
Methylcyclohexane							
Methylene chloride (Dichloromethane)				U	U		U
Styrene		UJ				UJ	
Tetrachloroethene		UJ				UJ	
Toluene		U				J	
trans-1,2-Dichloroethene							
trans-1,3-Dichloropropene							
Trichloroethene							
Trichlorofluoromethane							
Trichlorotrifluoroethane							
Vinyl chloride							
Xylenes, Total		J				J	

J Estimated value.
R Rejected.
UJ Not detected above the quantitation limit. However, the quantitation limit is approximated.
U Not detected.

VOC DATA QUALIFICATION SUMMARY

SDG	SNW011	SNW011	SNW011	SNW011	SNW012	SNW012	SNW012
SAMPLE ID	85995-7	85995-8	85995-9	85995-10	85995A-1	86016A-1	86016A-2
SAMPLE NAME	SB-D2(0-0.5')	SB-D2(0.5-6.0')	SB-F1(0-0.5')	SB-F1(0.5-6.0')	SB-C3W(0.5-6.0')	SB-B2W(0-6.0')	SB-TPI
COMPOUND (8260, VOCs)							
1,1,1-Trichloroethane							
1,1,1,2-tetrachloroethane					UJ		
1,1,2,2-Tetrachloroethane	U		UJ			UJ	
1,1,2-Trichloro-1,2,2-trifluoroethane						UJ	
1,1,2-Trichloroethane			UJ			UJ	
1,2-Dibromoethane	UJ		UJ		UJ	UJ	
1,1-Dichloroethane						UJ	
1,1-Dichloroethene						UJ	
1,2,3-Trichlorobenzene	UJ					UJ	
1,2,4-Trichlorobenzene			UJ	J	J	J	J
1,1,1-Trichloroethane							
1,2,3-Trichloropropane					UJ	UJ	
1,2-Dibromo-3-chloropropane	UJ		UJ		UJ	UJ	
1,2-Dibromoethane						UJ	
1,2-Dichlorobenzene	UJ		UJ		UJ	UJ	
1,2-Dichloroethane			UJ		UJ	UJ	
1,2-Dichloropropane						UJ	
1,3-Dichlorobenzene	UJ		UJ			U	U
1,4-Dichlorobenzene	UJ		UJ			J	J
2-Butanone (MEK)	U					U	U
2-Hexanone	UJ		UJ		UJ	J	J
4-Methyl-2-pentanone (MIBK)	UJ		UJ			UJ	J
Acetone	J	U		U	J	J	J
Benzene				J		J	J
Bromodichloromethane						UJ	
Bromoform						UJ	
Bromomethane (Methyl bromide)						UJ	
Carbon disulfide						J	J
Carbon tetrachloride						UJ	
Chlorobenzene	J		UJ			J	J
Chloroethane						UJ	

J Estimated value.
R Rejected.
UJ Not detected above the quantitation limit. However, the quantitation limit is approximated.
U Not detected.

VOC DATA QUALIFICATION SUMMARY

SDG	SNW011	SNW011	SNW011	SNW011	SNW012	SNW012	SNW012
SAMPLE ID	85995-7	85995-8	85995-9	85995-10	85995A-1	86016A-1	86016A-2
SAMPLE NAME	SB-D2(0-0.5')	SB-D2(0.5-6.0')	SB-F1(0-0.5')	SB-F1(0.5-6.0')	SB-C3W(0.5-6.0')	SB-B2W(0-6.0')	SB-TPI
COMPOUND (8260, VOCs)							
Chloroform						UJ	J
Chloromethane				J	UJ	UJ	
cis-1,2-Dichloroethene				J		UJ	
cis-1,3-Dichloropropene							
Cyclohexane		UJ		UJ		J	J
Dibromochloromethane					UJ	UJ	
Dibromomethane					UJ	UJ	
Dichlorodifluoromethane						UJ	
Ethylbenzene	J		J	J		UJ	
Isopropylbenzene	UJ		UJ			UJ	
Methyl acetate	UJ			J		UJ	UJ
Methyl-t-butyl ether (MTBE)				J		UJ	
Methylcyclohexane	J					J	J
Methylene chloride (Dichloromethane)	U		U			U	U
Styrene	U		UJ			J	U
Tetrachloroethene	UJ		UJ		UJ	UJ	J
Toluene	J		U			J	J
trans-1,2-Dichloroethene						UJ	J
trans-1,3-Dichloropropene					UJ	UJ	
Trichloroethene				J		J	
Trichlorofluoromethane						UJ	
Trichlorotrifluoroethane						UJ	
Vinyl chloride						UJ	
Xylenes, Total	J		J	J	J	J	J

J Estimated value.
R Rejected.
UJ Not detected above the quantitation limit. However, the quantitation limit is approximated.
U Not detected.

VOC DATA QUALIFICATION SUMMARY

SDG	SNW012	SNW013	SNW013	SNW013	SNW013	SNW014	SNW014
SAMPLE ID	86046A-1	85995B-1	86016B-1	86016B-2	86046B-1	85995C-1	86016C-1
SAMPLE NAME	SB-WFD	SB-C3W(0.5-6.0')	SB-B2W(0-6.0')	SB-TPI	SB-WFD	SB-C3W(0.5-6.0')	SB-B2W(0-6.0')
COMPOUND (8260, VOCs)							
1,1,1-Trichloroethane							
1,1,1,2-tetrachloroethane							
1,1,2,2-Tetrachloroethane							
1,1,2-Trichloro-1,2,2-trifluoroethane							UJ
1,1,2-Trichloroethane							UJ
1,2-Dibromoethane							UJ
1,1-Dichloroethane							UJ
1,1-Dichloroethene							UJ
1,2,3-Trichlorobenzene							UJ
1,2,4-Trichlorobenzene	J						UJ
1,1,1-Trichloroethane							
1,2,3-Trichloropropane							UJ
1,2-Dibromo-3-chloropropane							UJ
1,2-Dibromoethane							UJ
1,2-Dichlorobenzene							UJ
1,2-Dichloroethane							UJ
1,2-Dichloropropane							UJ
1,3-Dichlorobenzene	J						UJ
1,4-Dichlorobenzene	J						UJ
2-Butanone (MEK)	U						J
2-Hexanone							UJ
4-Methyl-2-pentanone (MIBK)	U						UJ
Acetone	J	J	J	J	J	J	J
Benzene							J
Bromodichloromethane							UJ
Bromoform							UJ
Bromomethane (Methyl bromide)							UJ
Carbon disulfide							J
Carbon tetrachloride							UJ
Chlorobenzene							UJ
Chloroethane							UJ

J Estimated value.
R Rejected.
UJ Not detected above the quantitation limit. However, the quantitation limit is approximated.
U Not detected.

VOC DATA QUALIFICATION SUMMARY

SDG	SNW012	SNW013	SNW013	SNW013	SNW013	SNW014	SNW014
SAMPLE ID	86046A-1	85995B-1	86016B-1	86016B-2	86046B-1	85995C-1	86016C-1
SAMPLE NAME	SB-WFD	SB-C3W(0.5-6.0')	SB-B2W(0-6.0')	SB-TPI	SB-WFD	SB-C3W(0.5-6.0')	SB-B2W(0-6.0')
COMPOUND (8260, VOCs)							
Chloroform							UJ
Chloromethane							UJ
cis-1,2-Dichloroethene							UJ
cis-1,3-Dichloropropene							
Cyclohexane	J	UJ	UJ	UJ	UJ	UJ	UJ
Dibromochloromethane							UJ
Dibromomethane							UJ
Dichlorodifluoromethane							UJ
Ethylbenzene	U						UJ
Isopropylbenzene							UJ
Methyl acetate	UJ						UJ
Methyl-t-butyl ether (MTBE)							UJ
Methylcyclohexane	J						UJ
Methylene chloride (Dichloromethane)	U						UJ
Styrene	J						J
Tetrachloroethene							UJ
Toluene	J						UJ
trans-1,2-Dichloroethene							UJ
trans-1,3-Dichloropropene							UJ
Trichloroethene	J						J
Trichlorofluoromethane							UJ
Trichlorotrifluoroethane							UJ
Vinyl chloride							UJ
Xylenes, Total	J						J

J Estimated value.
R Rejected.
UJ Not detected above the quantitation limit. However, the quantitation limit is approximated.
U Not detected.

VOC DATA QUALIFICATION SUMMARY

SDG	SNW014	SNW014	SNW015	SNW015	SNW015	SNW015	SNW015
SAMPLE ID	86016C-2	86046C-1	86016-1	86016-2	86016-3	86016-4	86016-5
SAMPLE NAME	SB-TPI	SB-WFD	SB-A3(0-0.5')	SB-A3(0.5-6.0')	SB-B2(0-0.5')	SB-B2(0.5-6.0')	SB-B2A(0-0.5')
COMPOUND (8260, VOCs)							
1,1,1-Trichloroethane							
1,1,1,2-tetrachloroethane			UJ	UJ	UJ	UJ	UJ
1,1,2,2-Tetrachloroethane			UJ	UJ	UJ	UJ	UJ
1,1,2-Trichloro-1,2,2-trifluoroethane							
1,1,2-Trichloroethane							
1,2-Dibromoethane							
1,1-Dichloroethane							
1,1-Dichloroethene							
1,2,3-Trichlorobenzene							
1,2,4-Trichlorobenzene			UJ	UJ	UJ	UJ	UJ
1,1,1-Trichloroethane							
1,2,3-Trichloropropane			UJ	UJ	UJ	UJ	UJ
1,2-Dibromo-3-chloropropane			Uj	UJ	UJ	UJ	UJ
1,2-Dibromoethane			UJ	UJ	UJ	UJ	UJ
1,2-Dichlorobenzene			UJ	UJ	UJ	UJ	UJ
1,2-Dichloroethane			UJ	UJ	UJ	UJ	UJ
1,2-Dichloropropane							
1,3-Dichlorobenzene							
1,4-Dichlorobenzene							
2-Butanone (MEK)	U		J	J	J	J	J
2-Hexanone			UJ	UJ	UJ	UJ	UJ
4-Methyl-2-pentanone (MIBK)							
Acetone	J	J	J		J	J	J
Benzene							
Bromodichloromethane							
Bromoform			UJ	UJ	UJ	UJ	UJ
Bromomethane (Methyl bromide)							
Carbon disulfide							
Carbon tetrachloride							
Chlorobenzene							
Chloroethane							

J Estimated value.
R Rejected.
UJ Not detected above the quantitation limit. However, the quantitation limit is approximated.
U Not detected.

VOC DATA QUALIFICATION SUMMARY

SDG	SNW014	SNW014	SNW015	SNW015	SNW015	SNW015	SNW015
SAMPLE ID	86016C-2	86046C-1	86016-1	86016-2	86016-3	86016-4	86016-5
SAMPLE NAME	SB-TPI	SB-WFD	SB-A3(0-0.5')	SB-A3(0.5-6.0')	SB-B2(0-0.5')	SB-B2(0.5-6.0')	SB-B2A(0-0.5')
COMPOUND (8260, VOCs)							
Chloroform							
Chloromethane			UJ	UJ	UJ	UJ	UJ
cis-1,2-Dichloroethene				J			
cis-1,3-Dichloropropene							
Cyclohexane	UJ	UJ					
Dibromochloromethane			UJ	UJ	UJ	UJ	UJ
Dibromomethane			UJ	UJ	UJ	UJ	UJ
Dichlorodifluoromethane							
Ethylbenzene							
Isopropylbenzene							
Methyl acetate							
Methyl-t-butyl ether (MTBE)							
Methylcyclohexane							
Methylene chloride (Dichloromethane)							
Styrene							
Tetrachloroethene			UJ	UJ	UJ	UJ	UJ
Toluene							
trans-1,2-Dichloroethene							
trans-1,3-Dichloropropene			UJ	UJ	UJ	UJ	UJ
Trichloroethene				J			
Trichlorofluoromethane							
Trichlorotrifluoroethane							
Vinyl chloride			J				
Xylenes, Total							

J Estimated value.
R Rejected.
UJ Not detected above the quantitation limit. However, the quantitation limit is approximated.
U Not detected.

VOC DATA QUALIFICATION SUMMARY

SDG	SNW015	SNW015	SNW015	SNW015	SNW015	SNW015	SNW015
SAMPLE ID	86016-6	86016-7	86016-8	86016-9	86016-10	86016-11	86016-12
SAMPLE NAME	SB-B2A(0.5-6.0')	SB-B3(0-0.5')	SB-B3(0.5-6.0')	SB-C2(0-0.5')	SB-C2(0.5-6.0')	SB-D3(0-0.5')	SB-D3(0.5-6.0')
COMPOUND (8260, VOCs)							
1,1,1-Trichloroethane							
1,1,1,2-tetrachloroethane	UJ	UJ		UJ	UJ	UJ	UJ
1,1,2,2-Tetrachloroethane	UJ	UJ		UJ	UJ	UJ	UJ
1,1,2-Trichloro-1,2,2-trifluoroethane							
1,1,2-Trichloroethane							
1,2-Dibromoethane							
1,1-Dichloroethane							
1,1-Dichloroethene							
1,2,3-Trichlorobenzene							
1,2,4-Trichlorobenzene	UJ	UJ		UJ	UJ	UJ	J
1,1,1-Trichloroethane							
1,2,3-Trichloropropane	UJ	UJ		UJ	UJ	UJ	UJ
1,2-Dibromo-3-chloropropane	UJ	UJ	UJ	U	UJ	UJ	UJ
1,2-Dibromoethane	UJ	UJ		UJ	UJ	UJ	UJ
1,2-Dichlorobenzene	UJ	UJ		UJ	UJ	UJ	J
1,2-Dichloroethane	UJ	UJ		UJ	UJ	UJ	UJ
1,2-Dichloropropane							
1,3-Dichlorobenzene							U
1,4-Dichlorobenzene							
2-Butanone (MEK)	J	J	J	J	J	J	J
2-Hexanone	UJ	UJ		J	UJ	UJ	J
4-Methyl-2-pentanone (MIBK)							
Acetone	J	J	J	J	J	J	J
Benzene			J				
Bromodichloromethane							
Bromoform	UJ	UJ		UJ	UJ	UJ	UJ
Bromomethane (Methyl bromide)							
Carbon disulfide			J				
Carbon tetrachloride							
Chlorobenzene							
Chloroethane			J				

J Estimated value.
R Rejected.
UJ Not detected above the quantitation limit. However, the quantitation limit is approximated.
U Not detected.

VOC DATA QUALIFICATION SUMMARY

SDG	SNW015	SNW015	SNW015	SNW015	SNW015	SNW015	SNW015
SAMPLE ID	86016-6	86016-7	86016-8	86016-9	86016-10	86016-11	86016-12
SAMPLE NAME	SB-B2A(0.5-6.0')	SB-B3(0-0.5')	SB-B3(0.5-6.0')	SB-C2(0-0.5')	SB-C2(0.5-6.0')	SB-D3(0-0.5')	SB-D3(0.5-6.0')
COMPOUND (8260, VOCs)							
Chloroform							
Chloromethane	UJ	UJ		UJ	UJ	UJ	UJ
cis-1,2-Dichloroethene							
cis-1,3-Dichloropropene							
Cyclohexane			J				
Dibromochloromethane	UJ	UJ		UJ	UJ	UJ	UJ
Dibromomethane	UJ	UJ		UJ	UJ	UJ	UJ
Dichlorodifluoromethane							
Ethylbenzene			J				
Isopropylbenzene							
Methyl acetate			UJ				
Methyl-t-butyl ether (MTBE)							
Methylcyclohexane			J				
Methylene chloride (Dichloromethane)			U				
Styrene			J				
Tetrachloroethene	UJ	UJ	J	UJ	UJ	UJ	UJ
Toluene			J				
trans-1,2-Dichloroethene							
trans-1,3-Dichloropropene	UJ	UJ		UJ	UJ	UJ	UJ
Trichloroethene			U				
Trichlorofluoromethane							
Trichlorotrifluoroethane							
Vinyl chloride							
Xylenes, Total			J				

J Estimated value.
R Rejected.
UJ Not detected above the quantitation limit. However, the quantitation limit is approximated.
U Not detected.

VOC DATA QUALIFICATION SUMMARY

SDG	SNW015	SNW015	SNW015	SNW015	SNW016	SNW016	SNW016
SAMPLE ID	86016-13	86016-14	86016-15	86016-16	86046-1	86046-2	86046-3
SAMPLE NAME	SB-E3(0-0.5')	SB-E3(0.5-6.0')	SB-E4(0-0.5')	SB-E4(0.5-6.0')	SB-D4(0-0.5')	SB-D4(0.5-6.0')	SB-D5(0-0.5')
COMPOUND (8260, VOCs)							
1,1,1-Trichloroethane							
1,1,1,2-tetrachloroethane	UJ	UJ	UJ	UJ			
1,1,2,2-Tetrachloroethane	UJ	UJ	UJ	UJ			
1,1,2-Trichloro-1,2,2-trifluoroethane	UJ						
1,1,2-Trichloroethane	UJ	UJ	UJ				
1,2-Dibromoethane	UJ		UJ				
1,1-Dichloroethane	UJ		UJ				
1,1-Dichloroethene	UJ		UJ				
1,2,3-Trichlorobenzene	J		UJ				
1,2,4-Trichlorobenzene	J	UJ	UJ	UJ			
1,1,1-Trichloroethane		UJ	UJ				
1,2,3-Trichloropropane	UJ	UJ	UJ	UJ			
1,2-Dibromo-3-chloropropane	UJ	UJ	UJ	UJ			
1,2-Dibromoethane	UJ	UJ	UJ	UJ			
1,2-Dichlorobenzene	UJ	UJ	UJ	UJ			
1,2-Dichloroethane	J	UJ	UJ	UJ			
1,2-Dichloropropane	UJ	UJ	UJ				
1,3-Dichlorobenzene	UJ		UJ				
1,4-Dichlorobenzene	U		UJ				
2-Butanone (MEK)	J	J	J	J			
2-Hexanone	UJ	UJ	UJ	UJ			
4-Methyl-2-pentanone (MIBK)	UJ		UJ				
Acetone	J	J	J	J			
Benzene	J	J	J				
Bromodichloromethane	UJ	UJ	UJ				
Bromoform	UJ	UJ	UJ	UJ			
Bromomethane (Methyl bromide)	UJ		UJ				
Carbon disulfide	UJ		J				
Carbon tetrachloride	UJ	UJ	UJ				
Chlorobenzene	UJ		UJ				
Chloroethane	UJ		UJ				

J Estimated value.
R Rejected.
UJ Not detected above the quantitation limit. However, the quantitation limit is approximated.
U Not detected.

VOC DATA QUALIFICATION SUMMARY

SDG	SNW015	SNW015	SNW015	SNW015	SNW016	SNW016	SNW016
SAMPLE ID	86016-13	86016-14	86016-15	86016-16	86046-1	86046-2	86046-3
SAMPLE NAME	SB-E3(0-0.5')	SB-E3(0.5-6.0')	SB-E4(0-0.5')	SB-E4(0.5-6.0')	SB-D4(0-0.5')	SB-D4(0.5-6.0')	SB-D5(0-0.5')
COMPOUND (8260, VOCs)							
Chloroform	UJ		UJ				
Chloromethane	UJ	UJ	UJ	UJ			
cis-1,2-Dichloroethene	UJ	J	UJ				
cis-1,3-Dichloropropene		UJ	UJ				
Cyclohexane	J	J	J				
Dibromochloromethane	UJ	UJ	UJ	UJ			
Dibromomethane	UJ	UJ	UJ	UJ			
Dichlorodifluoromethane	UJ		UJ				
Ethylbenzene	J		J				
Isopropylbenzene	UJ		UJ				
Methyl acetate	J		UJ		UJ	UJ	UJ
Methyl-t-butyl ether (MTBE)	UJ		UJ				
Methylcyclohexane	J	J	J				
Methylene chloride (Dichloromethane)	UJ		UJ		U	U	U
Styrene	UJ		UJ				
Tetrachloroethene	J	UJ	UJ	UJ			
Toluene	UJ		J				
trans-1,2-Dichloroethene	UJ		UJ				
trans-1,3-Dichloropropene	UJ	UJ	UJ	UJ			
Trichloroethene	J	J	J				
Trichlorofluoromethane	UJ		UJ				
Trichlorotrifluoroethane	UJ		UJ				
Vinyl chloride	UJ	J	UJ				
Xylenes, Total	J		J				

J Estimated value.
R Rejected.
UJ Not detected above the quantitation limit. However, the quantitation limit is approximated.
U Not detected.

VOC DATA QUALIFICATION SUMMARY

SDG	SNW016	SNW016	SNW016	SNW016	SNW016	SNW016	SNW016
SAMPLE ID	86046-4	86046-5	86046-6	86046-7	86046-8	86046-9	86046-10
SAMPLE NAME	SB-D5(0.5-6.0')	SB-D6(0-0.5')	SB-D6(0.5-6.0')	SB-E5(0-0.5')	SB-E5(0.5-6.0')	SB-E6(0-0.5')	SB-E6(0.5-6.0')
COMPOUND (8260, VOCs)							
1,1,1-Trichloroethane							
1,1,1,2-tetrachloroethane							
1,1,2,2-Tetrachloroethane							
1,1,2-Trichloro-1,2,2-trifluoroethane							
1,1,2-Trichloroethane							
1,2-Dibromoethane							
1,1-Dichloroethane							
1,1-Dichloroethene							
1,2,3-Trichlorobenzene							
1,2,4-Trichlorobenzene							
1,1,1-Trichloroethane							
1,2,3-Trichloropropane							
1,2-Dibromo-3-chloropropane							
1,2-Dibromoethane							
1,2-Dichlorobenzene							
1,2-Dichloroethane							
1,2-Dichloropropane							
1,3-Dichlorobenzene							
1,4-Dichlorobenzene							
2-Butanone (MEK)							
2-Hexanone							
4-Methyl-2-pentanone (MIBK)					R		
Acetone					J		
Benzene							
Bromodichloromethane							
Bromoform							
Bromomethane (Methyl bromide)							
Carbon disulfide							
Carbon tetrachloride							
Chlorobenzene							
Chloroethane							

J Estimated value.
R Rejected.
UJ Not detected above the quantitation limit. However, the quantitation limit is approximated.
U Not detected.

VOC DATA QUALIFICATION SUMMARY

SDG	SNW016	SNW016	SNW016	SNW016	SNW016	SNW016	SNW016
SAMPLE ID	86046-4	86046-5	86046-6	86046-7	86046-8	86046-9	86046-10
SAMPLE NAME	SB-D5(0.5-6.0')	SB-D6(0-0.5')	SB-D6(0.5-6.0')	SB-E5(0-0.5')	SB-E5(0.5-6.0')	SB-E6(0-0.5')	SB-E6(0.5-6.0')
COMPOUND (8260, VOCs)							
Chloroform							
Chloromethane							
cis-1,2-Dichloroethene							
cis-1,3-Dichloropropene							
Cyclohexane							
Dibromochloromethane							
Dibromomethane							
Dichlorodifluoromethane							
Ethylbenzene							
Isopropylbenzene							
Methyl acetate	UJ	J	UJ			UJ	UJ
Methyl-t-butyl ether (MTBE)					R		
Methylcyclohexane							
Methylene chloride (Dichloromethane)	U	U		U			U
Styrene							
Tetrachloroethene							
Toluene							
trans-1,2-Dichloroethene							
trans-1,3-Dichloropropene							
Trichloroethene							
Trichlorofluoromethane							
Trichlorotrifluoroethane							
Vinyl chloride							
Xylenes, Total							

J Estimated value.
R Rejected.
UJ Not detected above the quantitation limit. However, the quantitation limit is approximated.
U Not detected.

SVOC DATA QUALIFICATION SUMMARY

SDG	SNW011	SNW011	SNW011	SNW011	SNW011	SNW011	SNW011
SAMPLE ID	85939-1	85939-2	85939-3	85939-4	85939-5	85939-6	85939-7
SAMPLE NAME	SB-E1(0-0.5')	SB-E1(0.5-6.0')	SB-E2(0-0.5')	SB-E2(0.5-6.0')	SB-F2(0-0.5')	SB-F2(0.5-6.0')	SB-F3(0-0.5')
COMPOUND (8270, SVOCs)							
1,1'-Biphenyl			UJ				
4-Bromophenyl-phenylether			UJ				
4-Chloroaniline			UJ				
2-Chloronaphthalene			UJ				
4,6-Dinitro-2-methylphenol			UJ				
2,4-Dichlorophenol			UJ				
2,4-Dimethylphenol			UJ				
2,4-Dinitrophenol	UJ	UJ	R	UJ	UJ	UJ	UJ
2,6-Dinitrotoluene			UJ				
3&4-Methylphenol			UJ				
2-Nitroaniline			UJ				
4-Nitroaniline			UJ				
2-Nitrophenol			UJ				
2,4,5-Trichlorophenol			UJ				
2,4,6-Trichlorophenol			UJ				
Acenaphthene			UJ				
Acetophenone			UJ				
Aniline			UJ				
Benzaldehyde	UJ	UJ		UJ	UJ	UJ	UJ
Benzo(a)pyrene							
Benzo(b)fluoranthene							
Benzo(k)fluoranthene			R				
Benzo(g,h,i)perylene			R				
Butylbenzylphthalate			UJ				
Chrysene			UJ				
Dibenzo(a,h)anthracene			R				
Dimethylphenol							
Dimethylphthalate			UJ				
Di-n-octylphthalate			UJ				
Ethyl parathion	UJ	UJ		UJ	UJ	UJ	UJ
Hexachlorobutadiene			UJ				
Hexachlorocyclopentadiene	R	R	R	R	R	R	R
Indeno(1,2,3-cd)pyrene							
Naphthalene			UJ				
Pentachlorophenol			R				

J Estimated value.
R Rejected.
UJ Not detected above the quantitation limit. However, the quantitation limit is approximated.

SVOC DATA QUALIFICATION SUMMARY

SDG	SNW011	SNW011	SNW011	SNW011	SNW011	SNW011	SNW011
SAMPLE ID	85939-8	85995-1	85995-2	85995-3	85995-4	85995-5	85995-6
SAMPLE NAME	SB-F3(0.5-6.0')	SB-C3(0-0.5')	SB-C3(0.5-6.0')	SB-C5(0-0.5')	SB-C5(0.5-6.0')	SB-D1(0-0.5')	SB-D1(0.5-6.0')
COMPOUND (8270, SVOCs)							
1,1'-Biphenyl							
4-Bromophenyl-phenylether							
4-Chloroaniline							
2-Chloronaphthalene							
4,6-Dinitro-2-methylphenol							
2,4-Dichlorophenol							
2,4-Dimethylphenol							
2,4-Dinitrophenol	UJ						
2,6-Dinitrotoluene							
3&4-Methylphenol							
2-Nitroaniline							
4-Nitroaniline							
2-Nitrophenol							
2,4,5-Trichlorophenol							
2,4,6-Trichlorophenol							
Acenaphthene							
Acetophenone							
Aniline							
Benzaldehyde	UJ						
Benzo(a)pyrene							
Benzo(b)fluoranthene							
Benzo(k)fluoranthene							
Benzo(g,h,i)perylene							
Butylbenzylphthalate							
Chrysene							
Dibenzo(a,h)anthracene							
Dimethylphenol							
Dimethylphthalate							
Di-n-octylphthalate							
Ethyl parathion	UJ						
Hexachlorobutadiene							
Hexachlorocyclopentadiene	R	R	R	R	R	R	R
Indeno(1,2,3-cd)pyrene							
Naphthalene							
Pentachlorophenol							

J Estimated value.
R Rejected.
UJ Not detected above the quantitation limit. However, the quantitation limit is approximated.

SVOC DATA QUALIFICATION SUMMARY

SDG	SNW011	SNW011	SNW011	SNW011	SNW012	SNW012	SNW012
SAMPLE ID	85995-7	85995-8	85995-9	85995-10	85995A-1	86016A-1	86016A-2
SAMPLE NAME	SB-D2(0-0.5')	SB-D2(0.5-6.0')	SB-F1(0-0.5')	SB-F1(0.5-6.0')	SB-C3W(0.5-6.0')	SB-B2W(0-6.0')	SB-TPI
COMPOUND (8270, SVOCs)							
1,1'-Biphenyl					UJ		
4-Bromophenyl-phenylether							
4-Chloroaniline							
2-Chloronaphthalene							
4,6-Dinitro-2-methylphenol							
2,4-Dichlorophenol							
2,4-Dimethylphenol							
2,4-Dinitrophenol						UJ	UJ
2,6-Dinitrotoluene							
3&4-Methylphenol							
2-Nitroaniline							
4-Nitroaniline							
2-Nitrophenol							
2,4,5-Trichlorophenol							
2,4,6-Trichlorophenol							
Acenaphthene							
Acetophenone							
Aniline							
Benzaldehyde					UJ	UJ	UJ
Benzo(a)pyrene							
Benzo(b)fluoranthene							
Benzo(k)fluoranthene							
Benzo(g,h,i)perylene							
Butylbenzylphthalate							
Chrysene							
Dibenzo(a,h)anthracene							
Dimethylphenol							
Dimethylphthalate							
Di-n-octylphthalate							
Ethyl parathion					UJ		
Hexachlorobutadiene							
Hexachlorocyclopentadiene	R	R	R	R	R	R	R
Indeno(1,2,3-cd)pyrene							
Naphthalene							
Pentachlorophenol							

J Estimated value.
R Rejected.
UJ Not detected above the quantitation limit. However, the quantitation limit is approximated.

SVOC DATA QUALIFICATION SUMMARY

SDG	SNW012	SNW013	SNW013	SNW013	SNW013	SNW014	SNW014
SAMPLE ID	86046A-1	85995B-1	86016B-1	86016B-2	86046B-1	85995C-1	86016C-1
SAMPLE NAME	SB-WFD	SB-C3W(0.5-6.0')	SB-B2W(0-6.0')	SB-TPI	SB-WFD	SB-C3W(0.5-6.0')	SB-B2W(0-6.0')
COMPOUND (8270, SVOCs)							
1,1'-Biphenyl							
4-Bromophenyl-phenylether							
4-Chloroaniline							
2-Chloronaphthalene							
4,6-Dinitro-2-methylphenol					UJ	UJ	UJ
2,4-Dichlorophenol							
2,4-Dimethylphenol							
2,4-Dinitrophenol	UJ		UJ	UJ	UJ	UJ	UJ
2,6-Dinitrotoluene							
3&4-Methylphenol							
2-Nitroaniline							
4-Nitroaniline							
2-Nitrophenol							
2,4,5-Trichlorophenol							
2,4,6-Trichlorophenol							
Acenaphthene							
Acetophenone							
Aniline					R		
Benzaldehyde	UJ		UJ	UJ	UJ	J	UJ
Benzo(a)pyrene							
Benzo(b)fluoranthene							
Benzo(k)fluoranthene							
Benzo(g,h,i)perylene							
Butylbenzylphthalate							
Chrysene							
Dibenzo(a,h)anthracene							
Dimethylphenol							
Dimethylphthalate							
Di-n-octylphthalate							
Ethyl parathion							
Hexachlorobutadiene							
Hexachlorocyclopentadiene	R	R	R	R	R	R	R
Indeno(1,2,3-cd)pyrene							
Naphthalene							
Pentachlorophenol							

J Estimated value.
R Rejected.
UJ Not detected above the quantitation limit. However, the quantitation limit is approximated.

SVOC DATA QUALIFICATION SUMMARY

SDG	SNW014	SNW014	SNW015	SNW015	SNW015	SNW015	SNW015
SAMPLE ID	86016C-2	86046C-1	86016-1	86016-2	86016-3	86016-4	86016-5
SAMPLE NAME	SB-TPI	SB-WFD	SB-A3(0-0.5')	SB-A3(0.5-6.0')	SB-B2(0-0.5')	SB-B2(0.5-6.0')	SB-B2A(0-0.5')
COMPOUND (8270, SVOCs)							
1,1'-Biphenyl			UJ	UJ			
4-Bromophenyl-phenylether							
4-Chloroaniline							
2-Chloronaphthalene					UJ		
4,6-Dinitro-2-methylphenol	UJ	UJ					
2,4-Dichlorophenol							
2,4-Dimethylphenol							
2,4-Dinitrophenol	UJ	UJ					
2,6-Dinitrotoluene							
3&4-Methylphenol							
2-Nitroaniline							
4-Nitroaniline							
2-Nitrophenol							
2,4,5-Trichlorophenol							
2,4,6-Trichlorophenol							
Acenaphthene							
Acetophenone							
Aniline		R	UJ	UJ			
Benzaldehyde	UJ	UJ	UJ	UJ	UJ	UJ	UJ
Benzo(a)pyrene							
Benzo(b)fluoranthene							
Benzo(k)fluoranthene							
Benzo(g,h,i)perylene					UJ		
Butylbenzylphthalate							
Chrysene							
Dibenzo(a,h)anthracene							
Dimethylphenol							
Dimethylphthalate							
Di-n-octylphthalate							
Ethyl parathion			UJ	UJ			
Hexachlorobutadiene							
Hexachlorocyclopentadiene	R	R	R	R	R	R	R
Indeno(1,2,3-cd)pyrene							
Naphthalene							
Pentachlorophenol							

J Estimated value.
R Rejected.
UJ Not detected above the quantitation limit. However, the quantitation limit is approximated.

SVOC DATA QUALIFICATION SUMMARY

SDG	SNW015	SNW015	SNW015	SNW015	SNW015	SNW015	SNW015
SAMPLE ID	86016-6	86016-7	86016-8	86016-9	86016-10	86016-11	86016-12
SAMPLE NAME	SB-B2A(0.5-6.0')	SB-B3(0-0.5')	SB-B3(0.5-6.0')	SB-C2(0-0.5')	SB-C2(0.5-6.0')	SB-D3(0-0.5')	SB-D3(0.5-6.0')
COMPOUND (8270, SVOCs)							
1,1'-Biphenyl		UJ	UJ	UJ	UJ		
4-Bromophenyl-phenylether							
4-Chloroaniline							
2-Chloronaphthalene							
4,6-Dinitro-2-methylphenol							
2,4-Dichlorophenol							
2,4-Dimethylphenol							
2,4-Dinitrophenol							
2,6-Dinitrotoluene							
3&4-Methylphenol							
2-Nitroaniline							
4-Nitroaniline							
2-Nitrophenol							
2,4,5-Trichlorophenol							
2,4,6-Trichlorophenol							
Acenaphthene							
Acetophenone							
Aniline		UJ	UJ	J	J		
Benzaldehyde	UJ	UJ	UJ	UJ	UJ	UJ	UJ
Benzo(a)pyrene							
Benzo(b)fluoranthene							
Benzo(k)fluoranthene							
Benzo(g,h,i)perylene							
Butylbenzylphthalate							
Chrysene							
Dibenzo(a,h)anthracene							
Dimethylphenol							
Dimethylphthalate							
Di-n-octylphthalate							
Ethyl parathion		UJ	UJ	UJ	UJ		
Hexachlorobutadiene							
Hexachlorocyclopentadiene	R	R	R	R	R	R	R
Indeno(1,2,3-cd)pyrene							
Naphthalene							
Pentachlorophenol							

J Estimated value.
R Rejected.
UJ Not detected above the quantitation limit. However, the quantitation limit is approximated.

SVOC DATA QUALIFICATION SUMMARY

SDG	SNW015	SNW015	SNW015	SNW015	SNW016	SNW016	SNW016
SAMPLE ID	86016-13	86016-14	86016-15	86016-16	86046-1	86046-2	86046-3
SAMPLE NAME	SB-E3(0-0.5')	SB-E3(0.5-6.0')	SB-E4(0-0.5')	SB-E4(0.5-6.0')	SB-D4(0-0.5')	SB-D4(0.5-6.0')	SB-D5(0-0.5')
COMPOUND (8270, SVOCs)							
1,1'-Biphenyl	UJ						
4-Bromophenyl-phenylether							
4-Chloroaniline					UJ	UJ	UJ
2-Chloronaphthalene							
4,6-Dinitro-2-methylphenol							
2,4-Dichlorophenol							
2,4-Dimethylphenol							
2,4-Dinitrophenol							
2,6-Dinitrotoluene							
3&4-Methylphenol							
2-Nitroaniline							
4-Nitroaniline							
2-Nitrophenol							
2,4,5-Trichlorophenol							
2,4,6-Trichlorophenol					UJ	UJ	UJ
Acenaphthene							
Acetophenone							
Aniline	UJ				UJ	UJ	UJ
Benzaldehyde	UJ	UJ	UJ	UJ	UJ	UJ	UJ
Benzo(a)pyrene	J						
Benzo(b)fluoranthene	J						
Benzo(k)fluoranthene	J						
Benzo(g,h,i)perylene	J						
Butylbenzylphthalate							
Chrysene							
Dibenzo(a,h)anthracene	J						
Dimethylphenol					UJ	UJ	UJ
Dimethylphthalate							
Di-n-octylphthalate	UJ						
Ethyl parathion	UJ						
Hexachlorobutadiene							
Hexachlorocyclopentadiene	R	R	R	R	R	R	R
Indeno(1,2,3-cd)pyrene	J						
Naphthalene							
Pentachlorophenol							

J Estimated value.
R Rejected.
UJ Not detected above the quantitation limit. However, the quantitation limit is approximated.

SVOC DATA QUALIFICATION SUMMARY

SDG	SNW016	SNW016	SNW016	SNW016	SNW016	SNW016	SNW016
SAMPLE ID	86046-4	86046-5	86046-6	86046-7	86046-8	86046-9	86046-10
SAMPLE NAME	SB-D5(0.5-6.0')	SB-D6(0-0.5')	SB-D6(0.5-6.0')	SB-E5(0-0.5')	SB-E5(0.5-6.0')	SB-E6(0-0.5')	SB-E6(0.5-6.0')
COMPOUND (8270, SVOCs)							
1,1'-Biphenyl							
4-Bromophenyl-phenylether							
4-Chloroaniline	UJ	UJ	UJ	UJ	UJ	UJ	UJ
2-Chloronaphthalene							
4,6-Dinitro-2-methylphenol							
2,4-Dichlorophenol							
2,4-Dimethylphenol							
2,4-Dinitrophenol							
2,6-Dinitrotoluene							
3&4-Methylphenol							
2-Nitroaniline							
4-Nitroaniline							
2-Nitrophenol							
2,4,5-Trichlorophenol							
2,4,6-Trichlorophenol	UJ	UJ	UJ	UJ	UJ	UJ	UJ
Acenaphthene							
Acetophenone							
Aniline	UJ	UJ	UJ	J	J	UJ	UJ
Benzaldehyde	UJ	UJ	UJ	UJ	UJ	UJ	UJ
Benzo(a)pyrene							
Benzo(b)fluoranthene							
Benzo(k)fluoranthene							
Benzo(g,h,i)perylene							
Butylbenzylphthalate							
Chrysene							
Dibenzo(a,h)anthracene							
Dimethylphenol	UJ	UJ	UJ	UJ	UJ	UJ	UJ
Dimethylphthalate							
Di-n-octylphthalate							
Ethyl parathion							
Hexachlorobutadiene							
Hexachlorocyclopentadiene	R	R	R	R	R	R	R
Indeno(1,2,3-cd)pyrene							
Naphthalene							
Pentachlorophenol							

J Estimated value.
R Rejected.
UJ Not detected above the quantitation limit. However, the quantitation limit is approximated.

DIOXIN DATA QUALIFICATION SUMMARY

SDG	G3G310237	G3G310237	G3G310237	G3G310237	G3G310237	G3G310237	G3H010203
SAMPLE ID	001	002	003	004	005	006	001
SAMPLE NAME	SB-E1(0-0.5')	SB-E1(0.5-6.0')	SB-E2(0-0.5')	SB-E2(0.5-6.0')	SB-F2(0-0.5')	SB-F2(0.5-6.0')	SB-F1(0-0.5')
COMPOUND (1613, Dioxins)							
2,3,7,8-TCDD	J	J	J	J	J	J	J
Total TCDD							
1,2,3,7,8-PeCDD							
Total PeCDD							
1,2,3,4,7,8-HxCDD							
1,2,3,6,7,8-HxCDD							
1,2,3,7,8,9-HxCDD							
Total HxCDD							
1,2,3,4,6,7,8-HpCDD							
Total HpCDD							
OCDD			J				
2,3,7,8-TCDF							
Total TCDF							
1,2,3,7,8-PeCDF	J			J		J	
2,3,4,7,8-PeCDF							
Total PeCDF							
1,2,3,4,7,8-HxCDF							
1,2,3,6,7,8-HxCDF							
2,3,4,6,7,8-HxCDF							
1,2,3,7,8,9-HxCDF							
Total HxCDF							
1,2,3,4,6,7,8-HpCDF							
1,2,3,4,7,8,9-HpCDF							
Total HpCDF							
OCDF							

J Estimated value.

DIOXIN DATA QUALIFICATION SUMMARY

SDG	G3H010203	G3H020194	G3H020194	G3H020194	G3H020194	G3H020194	G3H020194
SAMPLE ID	002	001	002	003	004	005	006
SAMPLE NAME	SB-F1(0.5-6.0')	SB-B3(0-0.5')	SB-B3(0.5-6.0')	SB-D3(0-0.5')	SB-D3(0.5-6.0')	SB-E3(0-0.5')	SB-E3(0.5-6.0')
COMPOUND (1613, Dioxins)							
2,3,7,8-TCDD		J	J	J	J	J	J
Total TCDD							
1,2,3,7,8-PeCDD							
Total PeCDD							
1,2,3,4,7,8-HxCDD							
1,2,3,6,7,8-HxCDD							
1,2,3,7,8,9-HxCDD							
Total HxCDD							
1,2,3,4,6,7,8-HpCDD				J			
Total HpCDD							
OCDD				J			
2,3,7,8-TCDF							
Total TCDF							
1,2,3,7,8-PeCDF							
2,3,4,7,8-PeCDF		J	J			J	J
Total PeCDF							
1,2,3,4,7,8-HxCDF							
1,2,3,6,7,8-HxCDF							
2,3,4,6,7,8-HxCDF							
1,2,3,7,8,9-HxCDF							
Total HxCDF							
1,2,3,4,6,7,8-HpCDF							
1,2,3,4,7,8,9-HpCDF							
Total HpCDF							
OCDF							

J Estimated value.

DIOXIN DATA QUALIFICATION SUMMARY

SDG	G3H020194	G3H020194	G3H050305	G3H050305	G3H050305	G3H050305	G3H070308
SAMPLE ID	007	008	001	002	003	004	001
SAMPLE NAME	SB-E4(0-0.5')	SB-E4(0.5-6.0')	SB-D4(0-0.5')	SB-D4(0.5-6.0')	SB-E6(0-0.5')	SB-E6(0.5-6.0')	SB-WFD
COMPOUND (1613, Dioxins)							
2,3,7,8-TCDD	J	J	J				J
Total TCDD							
1,2,3,7,8-PeCDD							
Total PeCDD							
1,2,3,4,7,8-HxCDD							
1,2,3,6,7,8-HxCDD							
1,2,3,7,8,9-HxCDD							
Total HxCDD							
1,2,3,4,6,7,8-HpCDD	J	J					
Total HpCDD							
OCDD			J				
2,3,7,8-TCDF							
Total TCDF							
1,2,3,7,8-PeCDF							
2,3,4,7,8-PeCDF							
Total PeCDF							
1,2,3,4,7,8-HxCDF							
1,2,3,6,7,8-HxCDF							
2,3,4,6,7,8-HxCDF							
1,2,3,7,8,9-HxCDF							
Total HxCDF							
1,2,3,4,6,7,8-HpCDF							
1,2,3,4,7,8,9-HpCDF							
Total HpCDF							
OCDF							

J Estimated value.

DIOXIN DATA QUALIFICATION SUMMARY

SDG	G3H070308	G3H070308	G3H070308	G3H130272	G3H130277	G3H130277	G3H130283
SAMPLE ID	002	003	004	001	001	002	001
SAMPLE NAME	SB-C3W(0.5-6.0')	SB-B2W(0-6.0')	SB-TPI	SB-C3W(0.5-6.0')	SB-B2W(0-6.0')	SB-TPI	SB-WFD
COMPOUND (1613, Dioxins)							
2,3,7,8-TCDD	J	J	J				
Total TCDD							
1,2,3,7,8-PeCDD							
Total PeCDD							
1,2,3,4,7,8-HxCDD							
1,2,3,6,7,8-HxCDD							
1,2,3,7,8,9-HxCDD							
Total HxCDD							
1,2,3,4,6,7,8-HpCDD							
Total HpCDD							
OCDD							
2,3,7,8-TCDF			J				
Total TCDF							
1,2,3,7,8-PeCDF							
2,3,4,7,8-PeCDF							
Total PeCDF							
1,2,3,4,7,8-HxCDF							
1,2,3,6,7,8-HxCDF							
2,3,4,6,7,8-HxCDF							
1,2,3,7,8,9-HxCDF							
Total HxCDF							
1,2,3,4,6,7,8-HpCDF							
1,2,3,4,7,8,9-HpCDF							
Total HpCDF							
OCDF							

J Estimated value.

DIOXIN DATA QUALIFICATION SUMMARY

SDG	G3H130282	G3H130282	G3H130289	G3H130291
SAMPLE ID	001	002	001	001
SAMPLE NAME	SB-B2W(0-6.0')	SB-TPI	SB-WFD	SB-C3W(0.5-6.0')
COMPOUND (1613, Dioxins)				
2,3,7,8-TCDD	J			
Total TCDD				
1,2,3,7,8-PeCDD				
Total PeCDD				
1,2,3,4,7,8-HxCDD				
1,2,3,6,7,8-HxCDD				
1,2,3,7,8,9-HxCDD				
Total HxCDD				
1,2,3,4,6,7,8-HpCDD				
Total HpCDD				
OCDD				
2,3,7,8-TCDF				
Total TCDF				
1,2,3,7,8-PeCDF				
2,3,4,7,8-PeCDF				
Total PeCDF				
1,2,3,4,7,8-HxCDF				
1,2,3,6,7,8-HxCDF				
2,3,4,6,7,8-HxCDF				
1,2,3,7,8,9-HxCDF				
Total HxCDF				
1,2,3,4,6,7,8-HpCDF				
1,2,3,4,7,8,9-HpCDF				
Total HpCDF				
OCDF				

J Estimated value.

METALS/HERBICIDES DATA VALIDATION SUMMARY

SDG	SNW011	SNW011	SNW011	SNW011	SNW011	SNW011	SNW011
SAMPLE ID	85939-1	85939-2	85939-3	85939-4	85939-5	85939-6	85939-7
SAMPLE NAME	SB-E1(0-0.5')	SB-E1(0.5-6.0')	SB-E2(0-0.5')	SB-E2(0.5-6.0')	SB-F2(0-0.5')	SB-F2(0.5-6.0')	SB-F3(0-0.5')
Metals (6010/7471)							
Aluminum	J	J	J	J	J	J	J
Antimony							
Arsenic							
Barium							
Beryllium							
Cadmium							
Calcium	J	J	J	J	J	J	J
Chromium							
Cobalt							
Copper							
Iron							
Lead							
Magnesium	J	J	J	J	J	J	J
Manganese							
Nickel							
Potassium							
Selenium	J	UJ	UJ	UJ	J	UJ	UJ
Silver							
Sodium							
Thallium							
Vanadium							
Zinc							
Mercury							
Chlorinated Herbicides (8151)							
2,4-D	UJ		UJ		UJ	UJ	UJ
2,4,5-T		J	J				
2,4,5-TP							

J Estimated value.
J+ Estimated value - high biased.
UJ Not detected above the quantitation limit. However, the quantitation limit is estimated.

METALS/HERBICIDES DATA VALIDATION SUMMARY

SDG	SNW011	SNW011	SNW011	SNW011	SNW011	SNW011	SNW011
SAMPLE ID	85939-8	85995-1	85995-2	85995-3	85995-4	85995-5	85995-6
SAMPLE NAME	SB-F3(0.5-6.0')	SB-C3(0-0.5')	SB-C3(0.5-6.0')	SB-C5(0-0.5')	SB-C5(0.5-6.0')	SB-D1(0-0.5')	SB-D1(0.5-6.0')
Metals (6010/7471)							
Aluminum	J	J	J	J	J	J	J
Antimony							
Arsenic							
Barium							
Beryllium							
Cadmium							
Calcium	J	J	J	J	J	J	J
Chromium							
Cobalt							
Copper							
Iron							
Lead							
Magnesium	J	J	J	J	J	J	J
Manganese							
Nickel							
Potassium							
Selenium	UJ	UJ	UJ	UJ	UJ	UJ	UJ
Silver							
Sodium							
Thallium							
Vanadium							
Zinc							
Mercury							
Chlorinated Herbicides (8151)							
2,4-D	UJ						
2,4,5-T							
2,4,5-TP						J	

J Estimated value.
J+ Estimated value - high biased.
UJ Not detected above the quantitation limit. However, the quantitation limit is estimated.

METALS/HERBICIDES DATA VALIDATION SUMMARY

SDG	SNW011	SNW011	SNW011	SNW011	SNW012	SNW012	SNW012
SAMPLE ID	85995-7	85995-8	85995-9	85995-10	85995A-1	86016A-1	86016A-2
SAMPLE NAME	SB-D2(0-0.5')	SB-D2(0.5-6.0')	SB-F1(0-0.5')	SB-F1(0.5-6.0')	SB-C3W(0.5-6.0')	SB-B2W(0-6.0')	SB-TPI
Metals (6010/7471)							
Aluminum	J	J	J	J			
Antimony							
Arsenic							
Barium							
Beryllium							
Cadmium							
Calcium	J	J	J	J	J	J	J
Chromium							
Cobalt							
Copper							
Iron							
Lead							
Magnesium	J	J	J	J	J	J	J
Manganese							
Nickel							
Potassium					J	J	J
Selenium	UJ	UJ	UJ	UJ			
Silver							
Sodium							
Thallium							
Vanadium							
Zinc					J	J	J
Mercury							
Chlorinated Herbicides (8151)							
2,4-D							J
2,4,5-T			J	J	J	J	J
2,4,5-TP	J	J	J	J			

J Estimated value.
J+ Estimated value - high biased.
UJ Not detected above the quantitation limit. However, the quantitation limit is estimated.

METALS/HERBICIDES DATA VALIDATION SUMMARY

SDG	SNW012	SNW013	SNW013	SNW013	SNW013	SNW014	SNW014
SAMPLE ID	86046A-1	85995B-1	86016B-1	86016B-2	86046B-1	85995C-1	86016C-1
SAMPLE NAME	SB-WFD	SB-C3W(0.5-6.0')	SB-B2W(0-6.0')	SB-TPI	SB-WFD	SB-C3W(0.5-6.0')	SB-B2W(0-6.0')
Metals (6010/7471)							
Aluminum							
Antimony							
Arsenic							
Barium							
Beryllium							
Cadmium							
Calcium	J						
Chromium							
Cobalt							
Copper							
Iron							
Lead						U	U
Magnesium	J						
Manganese							
Nickel							
Potassium	J						
Selenium							
Silver							
Sodium							
Thallium							
Vanadium							
Zinc	J			J+	J+	U	U
Mercury							
Chlorinated Herbicides (8151)							
2,4-D				J			
2,4,5-T	J				J		
2,4,5-TP							

J Estimated value.
J+ Estimated value - high biased.
UJ Not detected above the quantitation limit. However, the quantitation limit is estimated.

METALS/HERBICIDES DATA VALIDATION SUMMARY

SDG	SNW014	SNW014	SNW015	SNW015	SNW015	SNW015	SNW015
SAMPLE ID	86016C-2	86046C-1	86016-1	86016-2	86016-3	86016-4	86016-5
SAMPLE NAME	SB-TPI	SB-WFD	SB-A3(0-0.5')	SB-A3(0.5-6.0')	SB-B2(0-0.5')	SB-B2(0.5-6.0')	SB-B2A(0-0.5')
Metals (6010/7471)							
Aluminum							
Antimony							
Arsenic							
Barium							
Beryllium							
Cadmium							
Calcium							
Chromium							
Cobalt							
Copper							
Iron							
Lead	U	U	J	J	J	J	J
Magnesium							
Manganese							
Nickel							
Potassium							
Selenium							
Silver							
Sodium							
Thallium							
Vanadium							
Zinc	U	U					
Mercury			J	J	J	J	J
Chlorinated Herbicides (8151)							
2,4-D							
2,4,5-T		J	J	J	J	J	J
2,4,5-TP							

J Estimated value.
J+ Estimated value - high biased.
UJ Not detected above the quantitation limit. However, the quantitation limit is estimated.

METALS/HERBICIDES DATA VALIDATION SUMMARY

SDG	SNW015	SNW015	SNW015	SNW015	SNW015	SNW015	SNW015
SAMPLE ID	86016-6	86016-7	86016-8	86016-9	86016-10	86016-11	86016-12
SAMPLE NAME	SB-B2A(0.5-6.0')	SB-B3(0-0.5')	SB-B3(0.5-6.0')	SB-C2(0-0.5')	SB-C2(0.5-6.0')	SB-D3(0-0.5')	SB-D3(0.5-6.0')
Metals (6010/7471)							
Aluminum							
Antimony							
Arsenic							
Barium							
Beryllium							
Cadmium							
Calcium							
Chromium							
Cobalt							
Copper							
Iron							
Lead	J	J	J	J	J	J	J
Magnesium							
Manganese							
Nickel							
Potassium							
Selenium							
Silver							
Sodium							
Thallium							
Vanadium							
Zinc							
Mercury	J	J	J	J	J	J	J
Chlorinated Herbicides (8151)							
2,4-D					UJ		
2,4,5-T	J	J	J	J	J	J	J
2,4,5-TP					UJ		

J Estimated value.
J+ Estimated value - high biased.
UJ Not detected above the quantitation limit. However, the quantitation limit is estimated.

METALS/HERBICIDES DATA VALIDATION SUMMARY

SDG	SNW015	SNW015	SNW015	SNW015	SNW016	SNW016	SNW016
SAMPLE ID	86016-13	86016-14	86016-15	86016-16	86046-1	86046-2	86046-3
SAMPLE NAME	SB-E3(0-0.5')	SB-E3(0.5-6.0')	SB-E4(0-0.5')	SB-E4(0.5-6.0')	SB-D4(0-0.5')	SB-D4(0.5-6.0')	SB-D5(0-0.5')
Metals (6010/7471)							
Aluminum							
Antimony							
Arsenic							
Barium							
Beryllium							
Cadmium							
Calcium							
Chromium							
Cobalt							
Copper							
Iron							
Lead	J	J	J	J			
Magnesium							
Manganese							
Nickel							
Potassium					J	J	J
Selenium							
Silver							
Sodium							
Thallium							
Vanadium							
Zinc							
Mercury	J	J	J	J	J	J	J
Chlorinated Herbicides (8151)							
2,4-D							
2,4,5-T	J	J	J		UJ	UJ	UJ
2,4,5-TP							

J Estimated value.
J+ Estimated value - high biased.
UJ Not detected above the quantitation limit. However, the quantitation limit is estimated.

METALS/HERBICIDES DATA VALIDATION SUMMARY

SDG	SNW016	SNW016	SNW016	SNW016	SNW016	SNW016	SNW016
SAMPLE ID	86046-4	86046-5	86046-6	86046-7	86046-8	86046-9	86046-10
SAMPLE NAME	SB-D5(0.5-6.0')	SB-D6(0-0.5')	SB-D6(0.5-6.0')	SB-E5(0-0.5')	SB-E5(0.5-6.0')	SB-E6(0-0.5')	SB-E6(0.5-6.0')
Metals (6010/7471)							
Aluminum							
Antimony							
Arsenic							
Barium							
Beryllium							
Cadmium							
Calcium							
Chromium							
Cobalt							
Copper							
Iron							
Lead							
Magnesium							
Manganese							
Nickel							
Potassium	J	J	J	J	J	J	J
Selenium							
Silver							
Sodium							
Thallium							
Vanadium							
Zinc							
Mercury	J	J	J	J	J	J	J
Chlorinated Herbicides (8151)							
2,4-D							
2,4,5-T	UJ	J	UJ	J	J	UJ	UJ
2,4,5-TP							

J Estimated value.
J+ Estimated value - high biased.
UJ Not detected above the quantitation limit. However, the quantitation limit is estimated.