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FINAL REASSESSMENT REPORT

VIENNA STREET DUMP
FORT VALLEY, PEACH COUNTY, GEORGIA

U.S. EPA ID NO. GAD000048934

Revision 2

Prepared for

U.S. ENVIRONMENTAL PROTECTION AGENCY
Region 4
Atlanta, Georgia 30303

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1.0 INTRODUCTION

The U.S. Environmental Protection Agency (EPA) tasked the Roy F. Weston Inc. (WESTON®), Superfund Technical Assessment and Response Team - 2 (START-2) to prepare a reassessment (RA) report for Vienna Street Dump (VSD) in Fort Valley, Peach County, Georgia, EPA ID No. GAD000048934. This RA report is prepared under Contract No. 68-W-00-123, Technical Direction Document (TDD) No. 4W-01-11-A-012.

The primary objective of a RA is to determine whether a site has the potential to be placed on the National Priorities List (NPL). The NPL identifies sites at which a release, or threatened release, of hazardous substances poses a serious enough risk to public health or the environment to warrant further investigation and possible remediation under the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) and the Superfund Amendments and Reauthorization Act of 1986.

Information gathered during the RA is used to generate a preliminary Hazard Ranking System (HRS) score. The HRS is the primary criterion EPA uses to determine whether a site should be placed on the NPL. RAs are generally conducted at sites in order to determine if data from previous investigations can adequately be used to fulfill HRS documentation requirements. RAs are also conducted to address site issues not adequately resolved in previous investigations.

Specifically, the objectives of the RA are as follows:

- Obtain and review relevant file material
- Collect samples to attribute hazardous substances to site operations (if necessary)
- Collect samples to establish representative background levels (if necessary)
- Evaluate target populations for the groundwater migration, surface water migration, soil exposure, and air migration pathways
- Collect any other missing HRS data
- Document current site conditions
- Develop a site layout map

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This report documents the sampling results of the reassessment conducted on the VSD during the weeks of March 19 and April 23, 2001. Information reviewed for the RA was gathered from the Georgia Environmental Protection Division (GAEPD) and from the EPA Region 4 CERCLA files.

2.0 SITE BACKGROUND

This section describes the facility, its present and past operations (including waste disposal practices and regulatory history), previous investigations, and potential source areas located at the facility.

2.1 SITE DESCRIPTION AND ENVIRONMENTAL SETTING

Vienna Street Dump site consists of approximately 30.5 acres and is located east of Vienna Street in Fort Valley, Peach County, Georgia (see Figure 1) (Ref. 1). Its geographical coordinates are 32° 33' 32.44" north latitude, and 83° 52' 16.79" west longitude (Refs. 1; 2, pg. 2).

The local climate is characterized as temperate and humid (Ref. 2, p. 2). The average, annual total precipitation for Peach County is 48 inches, and the mean annual lake evaporation is 44 inches, yielding a net annual precipitation of four inches (Ref. 3). The 2-year, 24-hour rainfall event for the area is approximately 3.5 inches (Ref.4).

Vienna Street Dump has been inactive since the late 1960s or early 1970s (Ref. 2, p. 2). A wastewater treatment plant (WWTP) currently operates on the northwestern section of the property. Grassland, brush, and small trees cover the eastern and southern portions of the property. The former dump is bordered to the northwest by the Norfolk Southern Railroad and to the west by Vienna Street. Bay Creek forms the north and northeastern boundary of the dump. The southern boundary is formed by a drainage ditch which flows into Bay Creek at the southeastern portion of the property. The WWTP is enclosed within a fenced area and the site is fenced along its western extent. The southern perimeter is open and adjacent to an apartment complex (Refs. 1; 2, pp. 2, 4; 5).

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2.2 SITE OPERATIONS AND REGULATORY HISTORY

The VSD consists of three lots owned by the City of Fort Valley. The City purchased four acres of land south of the Norfolk Southern Railroad in the early 1900s and a WWTP was constructed on the property in 1935. Nine acres of adjoining land were purchased by the City in 1940. It is believed that the City began using the property as a dump sometime in the early 1940s, although no supporting documentation has been found (Ref 2, p. 5.). The dump was used to dispose of raw, municipal, and industrial wastes from the Fort Valley region and is suspected to have included waste chemicals from two large local industries: Woolfolk Chemical Company and the Blue Bird Body Company (Ref. 2, p. 5). The City purchased another 19.45-acres adjacent to the dump in 1965. Eleven acres of this area lies east of Bay Creek and remain undeveloped while the remaining 8.45 acres located on the western side of Bay Creek were incorporated into the dump area. It is reported by local residents that the dump was closed in the late 1960s or early 1970s. The WWTP, which is currently in operation, was expanded onto three acres of the closed dump in 1978 (Ref. 2, pg. 5; 5).

2.3 PREVIOUS RELEASES AND INVESTIGATIONS

As previously stated, the dump is suspected to contain chemical wastes from Woolfolk Chemical Company and Blue Bird Body Company. These suspicions are based upon interviews with longtime residents of the area (Ref. 2, pg. 5).

Black & Veatch (B&V) completed a preliminary assessment (PA) of the Vienna Street Dump in January 1994. Based on this investigation, B&V recommended a site screening investigation (Ref. 2, p. 5). The PA was followed by a site inspection (SI), that was completed in January 1995. B&V recommended no further action be taken at the site based upon the results of the SI (Ref. 2, p. 31). Constituents detected at elevated concentrations in soil samples included arsenic, barium, chromium, cobalt, copper, cyanide, lead, manganese, mercury, vanadium, zinc, and several pesticides. The pesticides detected were heptachlor, heptachlor epoxide, alpha-BHC, beta-BHC, dieldrin, DDD, DDE, DDT, endrin, chlordene, alpha-chlordene, gamma-chlordene, gamma-chlordane, and alpha-chlordane (Ref. 2, pp. 13-17).

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In 2000, the Woolfolk Alliance Group expressed concern to EPA that the groundwater portion of the B&V SI report provided insufficient data to document the groundwater pathway. Furthermore, the local citizens, represented by the Woolfolk Alliance Group, expressed concern that areas both on-site and off-site were frequented by neighborhood children and adults using paths and cut-throughs and represented a possible human exposure to hazardous constituents from the VSD property. The citizens spoke of 3 areas of concern: 1) a cut-through path leading from the Indian Oaks property north through the VSD site; 2) a westerly foot path leading from the Indian Oaks property to the adjacent city park; and 3) the Indian Oaks Playground, which was suspected to have been filled in with landfill waste or on-site soils during construction of the Indian Oaks complex. In August of 2000, in response to those concerns, the State of Georgia Environmental Protection Division (EPD) on behalf of EPA, collected seven surface and five subsurface soil samples from the VSD property and the off-site areas of concern for analysis. Using Direct Push Technology (DPT), the EPD sampling team was unable to reach groundwater at the expected depth in an attempt to gain the data needed to document the groundwater exposure pathway. Although groundwater samples could not be collected during this effort, EPD did collect several on-site subsurface samples (mentioned above) with the DPT (Ref. 6). Another groundwater sampling attempt was made in December 2000, but the team was still unable to reach groundwater with the DPT, due to drought conditions and lower-than-expected groundwater levels (Ref.7).

EPA made the decision to install temporary monitoring wells using a drill rig, which could access greater depths. In April 2001, EPA and START-2 personnel collected groundwater samples on the VSD property. The EPA collected groundwater samples from two on-site temporary wells, one on-site control well, and one off-site up gradient pre-existing background well (Ref. 8).

2.4 POTENTIAL SOURCE AREAS

The former dump is considered to be the potential source area.

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3.0 RA ACTIVITIES

This section outlines field observations and sampling procedures at the sampling locations. Individual subsections address the sampling investigation and rationale for specific RA activities. The RA was conducted in accordance with the EPA Field Investigation Work Plan dated March 2001 (Ref. 9). Deviations from the sampling plan involved deleting the on-site background temporary well location due to the lack of groundwater recovery.

3.1 SAMPLE COLLECTION METHODOLOGY AND PROCEDURES

EPA personnel from the Science and Ecosystem Support Division (SESD) and START-2 personnel collected four groundwater samples during the week of April 23, 2001. Sampling locations are depicted on Figure 3 (see Appendix A) and summarized in Table 1. No soil samples were collected during the week of April 23, 2001. Soil locations identified on Figure 3 are from EPD's investigation in August 2000.

EPA SESD and START-2 personnel followed sample collection procedures developed in accordance with the EPA Region 4 SESD, *Environmental Investigation Standard Operating Procedures and Quality Assurance Manual* (EISOPQAM), and drill cuttings were containerized on site.

3.2 ANALYTICAL SUPPORT AND METHODOLOGY

According to the EPD sampling plan for the VSD, samples collected during the August 2000 EPD investigation were to be collected in accordance with the EPA Region 4 EISOPQAM. The samples underwent total organics (volatile organic compounds (VOCs), extractable semivolatile organic compounds (SVOC), herbicides, pesticides, and PCBs) and total inductively coupled plasma (ICP) metals (including mercury) analysis. Samples were hand delivered to the EPD lab in Atlanta, Georgia (Ref. 6, Attachment A). Analytical data from EPD's investigation is attached in Reference 6 of this report.

All samples collected by EPA during the April 2001 RA were analyzed by EPA's Science and Ecosystem and Support Division (SESD). SESD laboratories analyzed for EPA Target Compound List (TCL) VOC,

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SVOC, pesticides, and PCBs. The samples were also analyzed for Target Analyte List (TAL) inorganic substances (metals and cyanide). All samples were analyzed for the full TAL scan.

3.3 ANALYTICAL DATA QUALITY AND DATA QUALIFIERS

The analytical data was subject to a quality assurance review as described in the EPA SESD laboratory data evaluation guidelines. The text and analytical data tables presented in this report show some concentrations of organic and inorganic parameters as qualified with a "J," indicating that the qualitative analysis was acceptable; however, the quantitative value has been estimated. Other compounds may have been qualified with an "N," indicating that they were detected based on the presumptive evidence of their presence. This means that the compound was only tentatively identified, and its detection cannot be considered a positive indication of its presence. Some sample results are reported with a "U" qualifier, meaning that the material was analyzed for but not detected. The reported number is the laboratory-derived practical quantitation limit (PQL) for the constituent in that sample. At times, miscellaneous organic compounds that do not appear on the TCL are reported with the data set. These constituents are qualified as "JN," indicating that they are tentatively identified at estimated quantities. Because these constituents are not routinely analyzed for or reported, background levels of SQLs are not generally available for comparison. Some compounds are qualified with an "R" which indicates the QC evaluation has determined the concentration of the compound is unusable. Compounds qualified with a "C" have been confirmed by gas chromatograph or mass spectrometry. The "A" qualifier indicates the sample concentration is based on an average value. The summarized analytical tables are presented in Appendix B; the complete analytical data sheets are presented in Appendix C.

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TABLE 1
SURFACE SOIL SAMPLING LOCATIONS AND RATIONALE
VIENNA STREET DUMP

Sample Number	Location	Rationale
Sample #8	Off- site, approximately 150 feet southwest of Indian Oaks Apartment Complex's parking lot	Background surface soil sample for comparison to other sample results
Sample #1	Northern edge of the Indian Oaks Apartment Complex's playground, approximately 100 feet north of the apartment complex parking lot	To determine presence or absence of hazardous substances
Sample #2	Indian Oaks Apartments along the eastern edge of the children's playground, approximately 30 feet north of the parking lot	To determine presence or absence of hazardous substances
Sample #3	Indian Oaks Apartments along the western edge of the children's playground, approximately 30 feet north of the parking lot	To determine presence or absence of hazardous substances
Sample #5	Along the foot path between the Indian Oaks Apartment and the adjacent city park	To determine presence or absence of hazardous substances
Sample #6	Along the cut-through path between the former dump and Indian Oaks Apartment Complex, approximately 50 feet north of the apartment complex's property line	To determine presence or absence of hazardous substances
Sample #15	Southeastern portion of the former dump	To determine presence or absence of hazardous substances

Notes:

The samples denoted above were collected from a depth of 0 to 1 foot below ground surface during the August 2000 investigation conducted by the GAEPD.

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TABLE 2
SUBSURFACE SOIL SAMPLING LOCATIONS AND RATIONALE
VIENNA STREET DUMP

Sample Number	Location	Rationale
Sample #4	Northern edge of the Indian Oaks Apartment Complex's playground, approximately 100 feet north of the apartment complex parking lot	To determine presence or absence of hazardous substances
Sample #9	On-site, northern edge of the former dump east of the Norfolk Southern Railroad	To determine presence or absence of hazardous substances
Sample #11	Northeastern edge of the former dump, due south of the Bay Creek	To determine presence or absence of hazardous substances
Sample #13	Middle portion of the former dump, approximately 100 feet south of the wastewater treatment aeration tanks	To determine presence or absence of hazardous substances
Sample #17	Middle portion of the former dump, approximately 100 feet south of the wastewater treatment aeration tanks	To determine presence or absence of hazardous substances

Notes:

-*The samples denoted above were collected from a depth of 4 to 8 feet below ground surface during the August 2000* investigation conducted by the GAEPD.

-Sample #17 is a duplicate sample of Sample #13.

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TABLE 3
GROUNDWATER SAMPLING LOCATIONS AND RATIONALE
VIENNA STREET DUMP

Sample Number	Location	Rationale
BKGD	Off- site, north of the WWTP, located on the Blue Bird Body Company's property	Background groundwater sample for comparison to downgradient sample results
CNTL	On-site, located north of the WWTP and upgradient from the dump area	To provide control conditions for groundwater between Blue Bird property and Vienna Street Dump
TW1	On-site, located on the southern edge of the dump near the northeast corner of the Indian Oaks Apartment property	To determine presence or absence of hazardous substances
TW3	On-site, located in the southeast corner of the site near the conflux of the drainage ditch and Bay Creek	To determine presence or absence of hazardous substances

Notes:

The samples denoted above were collected during the April 2001EPA investigation.
BKGD - Off-site permanent monitoring well sample
WWTP - Waste water treatment plant
CNTL - On-site control temporary monitoring well sample
TW - Temporary monitoring well sample

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4.0 SOURCE SAMPLING

This section discusses the source area evaluated at the property and the sampling locations and analytical results of samples collected from soil samples collected on site. The source area at the VSD evaluated during this RA is contaminated soil detected within the former landfill boundaries. Surface soil and subsurface soil sampling locations are depicted on Figure 3 from the EPD investigation in August 2000.

The following discussion of hazardous constituents detected at elevated levels in soil samples collected at the property includes only those hazardous constituents that are associated with site activities and those hazardous constituents that may pose a threat to human health or the environment.

4.1 SOURCE ANALYTICAL RESULTS

Surface and subsurface soil samples were collected from an off-site background location and from potentially contaminated areas within the VSD boundary, a pedestrian path, and the playground of the Indian Oaks apartment complex. Soil data is compared to background samples and is considered elevated if the compound is three times the background concentration. In the case where a constituent is undetected in the background sample, any concentration equal to or greater than the PQL is considered to be elevated. Specific findings regarding EPD's sample results are summarized below.

4.1.1 Surface Soil

- Metal constituents detected at elevated concentrations in surface soil samples included arsenic, barium, lead, nickel, silver, and total mercury. Barium was the only constituent detected at elevated concentrations on the Indian Oaks Apartment complex playground. Barium concentrations ranged from 50 mg/kg to 61 mg/kg in Samples #3 and #1, respectively. Samples #5 and #6 were collected along the pedestrian path. Sample #5 contained an elevated level of nickel (13 mg/kg) and Sample #6 contained elevated levels of arsenic (69 mg/kg) and lead (56 mg/kg). Sample #15 collected from the southeastern portion of the former dump contained elevated levels of arsenic, barium, lead, silver, and total mercury at concentrations ranging from 0.15 mg/kg to 110 mg/kg.

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- The VOCs detected at elevated concentrations in surface soil samples were benzene (9.5 micrograms per kilogram [μg/kg]) and toluene (7.4 μg/kg) in Sample #3 collected from the playground area located at the Indian Oaks Apartment complex. Acetone (130 μg/kg) was detected in Sample #6 collected along the pedestrian path. Acetone is a common laboratory contaminant and is not likely attributable to the operations of the former dump because it has not been detected in elevated levels in samples collected from the former dump either in the B&V SI or the EPD investigation.

- Pesticides were detected at elevated concentrations in Samples #1 and #3 collected from the playground. Concentrations ranged from 7.3μg/kg to 3,500 JD (D = results based on dilution runs) μg/kg. Such compounds include 4,4'-DDE, 4,4'-DDT, and toxaphene. Pesticides detected at elevated concentrations in samples collected along the pedestrian path include 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, and toxaphene at concentrations ranging from 5.9 μg/kg to 32 μg/kg. Pesticides detected in the sample collected from the former dump include alpha-BHC, chlordane, 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, toxaphene, and lindane (gamma-BHC).

4.1.2 Subsurface Soil

A background subsurface soil sample was not collected for comparison to subsurface soil samples collected during the EPD investigation. Therefore, the following sample results are indicative of constituents detected in subsurface soil samples collected from the playground (Sample #4) and the former dump (Samples #9, #11, #13).

- Metal constituents detected in subsurface soil samples collected from the playground during the EPD investigation included barium, chromium, copper, lead, and nickel at concentrations ranging from 5.3 mg/kg to 62.0 mg/kg. Subsurface soil samples collected during the same investigation from the former dump revealed arsenic, barium, cadmium, chromium, copper, lead, nickel and total mercury. Metal concentrations of samples collected from the former dump ranged from 0.31 mg/kg to 270 mg/kg.

- The VOCs detected in a subsurface soil sample were carbon disulfide and chlorobenzene. Carbon disulfide (5.9 μg/kg) and chlorobenzene (31 μg/kg) were detected in Sample #11.

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- Pesticides detected in subsurface soil Samples #9 and #11 included aldrin, alpha-BHC, beta-BHC, lindane, chlordane, 4,4-DDE, 4,4-DDD, 4,4-DDT, and toxaphene. These pesticides ranged in concentration from 10 μg/kg to 1,700 μg/kg.

- SVOCs and PCBs were not detected in subsurface soil samples collected on the playground or former dump.

Unknown and several miscellaneous compounds were detected in the surface and subsurface soil samples as detailed in Appendix C.

4.2 SOURCE CONCLUSIONS

Based on the analytical results for surface and subsurface soil samples (from the B&V SI and the EPD investigation), surficial contamination is present within the former VSD. Inorganic constituents detected at elevated levels in surface and subsurface soil samples when compared to background surface and subsurface samples include arsenic, barium, chromium, cobalt, copper, lead, manganese, mercury, zinc. Several pesticides were also detected, including aldrin, heptachlor, heptachlor epoxide, alpha-BHC, beta-BHC, gamma-BHC, dieldrin, DDD, DDE, DDT, toxaphene, endrin, chlordane, alpha-chlordene, gamma-chlordene, gamma-chlordane, and alpha-chlordane. The VOCs carbon disulfide and chlorobenzene were also detected in subsurface soil samples collected during the EPD investigation.

5.0 PATHWAYS

This section discusses the groundwater migration, surface water migration, soil exposure, and air migration pathways. Additionally, this section discusses the targets associated with each pathway and draws pathway-specific conclusions. Sampling locations and analytical results for samples collected from the specific pathways are also discussed.

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5.1 GROUNDWATER MIGRATION PATHWAY

Four groundwater samples (including one control sample and one background sample) were collected during the RA. Groundwater sampling locations are depicted on Figure 3 and described in Table 1. Field parameters, inorganic and organic analytical results for all groundwater samples are summarized in Tables 2 and 3, respectively, in Appendix B, which follows Section 6.0.

5.1.1 Geologic and Hydrogeologic Setting

The former Vienna Street Dump facility is located in the City of Fort Valley on the Fort Valley Plateau (Ref. 12, Plate 1). The plateau is located along the inner margin of the Coastal Plain physiographic province near the Fall Line, the boundary between the Coastal Plain and Piedmont provinces (Ref. 10, Sheet 1). The relief of the surrounding area is flat to moderate with a gentle southeastward slope. Elevations range from 350 feet to 550 feet above mean sea level (msl), and the facility is located at approximately 525 feet above msl (Ref. 3).

The facility is underlain in descending stratigraphic order by the following units: undifferentiated middle to late Eocene sediments, the Perry Sand Formation, the Providence Sand Formation, the undifferentiated Ripley and Cusseta Formations, the undifferentiated Blufftown and Eutaw Formations, and the Tuscaloosa Formation (Refs. 16, Plate 1; 13, p. 6).

The middle to late Eocene sediments are predominantly reddish-brown clays that are approximately 20 feet thick in the vicinity of the facility, and may reach a thickness of 45 feet within Peach County (Refs. 12, Plate 1; 15, p. 316). Typical exposures of these sediments are massive-bedded, tough, and clayey, and the sediments contain poorly sorted, fine to coarse-grained quartz sand and pebbles of plinthite (Ref. 12, Plate 1). In rare local occurrences, the sediments contain gravel, kaolin clasts, and zones of strongly cross-bedded very coarse-grained sand (Ref. 16, Plate 1).

The Perry Sand Formation underlies the Eocene sediments at approximately 20 feet bgs and is estimated to have a total thickness of 65 feet in Peach County. Relatively thin and discontinuous lenses of kaolin are present in the upper portion of the Perry Sand. The Perry Sand consists of medium- to fine-grained sand that

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is thin-bedded and cross-bedded. The sand is white to very pale yellow to dark reddish-brown, with strongly contrasting dark reddish-brown and white beds most commonly found in the upper third of the formation. A dense sandy kaolin clay, approximately 18 feet thick, is found at the base of the Perry Sands. The kaolin clay is massive-bedded, jointed, and contains subconchoidal fractures. The kaolin sand is poorly sorted, very coarse-grained, and irregularly distributed within the clay. The kaolin is pale-gray to tan with irregularly shaped maroon-stained patches. The kaolin is a remnant of the Clayton Formation that is pinching out beneath the facility (Refs. 10, Sheet 1; 16, Plate 1).

Beneath the white kaolin clay and sand sequence associated with the perched zone is an assemblage of gray and tan sand, silt, and clay layers and lenses, interpreted to be the Providence Sand. Specifically, the Providence Sand consists of white to red, mottled, sandy clay, interbedded with fine to coarse-grained sand, and fine to medium-grained, angular, limonitic, arkosic sand (Ref. 15, p. 317). The Providence Sand is approximately 72 feet thick in the vicinity of the facility (Ref. 15, p. 317).

The undifferentiated Ripley and Cussetta Formations unconformably underlie the Providence Sand and consist of light tan, sandy clay, and fine to coarse-grained, angular, limonitic, arkosic sand with some clay (Ref. 15, p. 317). The Ripley and Cussetta Formations have a thickness of approximately 88 feet in the vicinity of the facility (Ref. 15, p. 317). The undifferentiated Blufftown and Eutaw Formations unconformably underlie the Ripley and Cussetta Formations and consist of dark-gray to black, sandy, micaceous clay, fine to coarse-grained, angular, arkosic sand, and light-gray to red, mottled, sandy clay (Ref. 15, p. 317). The thickness of the formations is approximately 55 feet in the vicinity of the facility (Ref. 15, p. 317).

The Tuscaloosa Formation unconformably underlies the Blufftown and Eutaw Formations and consists of fine to coarse-grained, white to red mottled, arkosic, micaceous, sand with some interbedded clay, and gray to brick-red, micaceous, sandy clay (Ref. 15, p. 317). The thickness of the Tuscaloosa Formation is approximately 266 feet in the vicinity of the facility (Ref. 15, p. 317).

In the Fort Valley area there are three aquifers present: the surficial aquifer, the Providence aquifer, and the Tuscaloosa aquifer.

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The surficial aquifer underlies the facility and consists of the Eocene sediments and the Perry Sands. The surficial aquifer in the vicinity of the facility consists of a perched zone overlying a kaolin layer which is present at the base of the Perry Sands (Ref. 14, p. 9). The perched zone is less than 10 feet thick, approximately 30 feet deep, and consists of the saturated, lower few feet of the Perry Sands. During the RA, groundwater wells were drilled approximately 45 to 75 feet bgs in order to collect groundwater samples. Groundwater was encountered 35 to 55 feet bgs (Ref. 8, Figure 2). The depth to the water table (during the RA) is lower than the published depth of 30 feet due to the drought prevalent in the late 1990s and early 2000s. The upper 25 feet of the Perry Sand consists of red silty to sandy clay which is underlain by an orange sand layer 10 to 15 feet thick. This sand layer overlies a layer of white kaolin clay 15 to 25 feet thick. The water within the saturated sand is perched approximately 70 feet above the Providence aquifer (Ref. 14, p. 10). The potentiometric surface of the perched zone generally mimics the topographic surface of the underlying kaolin unit. The general groundwater flow direction of the perched zone was south-southeast at a relatively constant gradient of 0.01 on April 28, 1998 (Ref. 14, p. 10). The numerous kaolin clay layers form an effective confining layer to the Upper Cretaceous Aquifer System.

The Upper Cretaceous Aquifer System consists of the Providence, Ripley, Cusseta, Blufftown, Eutaw, and Tuscaloosa Formations (Refs. 16, Plate 1; 18, p. 6). The Providence aquifer, the uppermost aquifer within the Upper Cretaceous Aquifer System, underlies the surficial aquifer in the area. The Providence aquifer is composed of approximately 20 to 40 feet of alternating white kaolin clay and white sand that comprises the upper portion of the Providence Sand. The Providence Sand is an important source of groundwater in the area (Refs. 13, p. 8; 16, Sheet 2). The hydraulic conductivity of the aquifer is estimated to be approximately 10^{-4} centimeters per second (cm/sec) based on the lithology of the aquifer. The Providence aquifer is recharged primarily through the infiltration of precipitation, especially where the aquifer is near the land surface and is overlain by permeable sands; in addition, a portion of the recharge is received through upward leakage from underlying units (Ref. 16, Sheets 3 and 5). Recharge water generally enters the aquifer in the north-eastward trending outcrop belt and flows south, bounded by the Ocmulgee River on the east and the Chattahoochee River on the west (Ref. 16, Sheet. 5). Declining water levels in the Providence have increased the naturally occurring hydraulic head differentials and increased the potential for upward leakage from the underlying units (Ref. 16, Sheet 3). The Providence aquifer discharges significant amounts of water to

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surface streams, some of which is rejected aquifer recharge water due to low transmissivity (Ref. 16, Sheet 3). The Providence aquifer is approximately 72 feet thick in the vicinity of the facility (Ref. 15, p. 317). The underlying undifferentiated Ripley, Cusseta, Blufftown, and Eutaw formations contain clay layers ranging from 27 to 106 feet in thickness in the Fort Valley area. The clay generally forms an effective confining unit between the Providence aquifer and the underlying Tuscaloosa aquifer (Ref. 15, pp. 314-317).

The Tuscaloosa aquifer, comprised of the Tuscaloosa Formation, unconformably underlies the undifferentiated Ripley, Cusseta, Blufftown, and Eutaw Formations. The Tuscaloosa aquifer represents the basal unit of the Upper Cretaceous Aquifer System (Refs. 15, p. 317; 18, p. 29). The Tuscaloosa aquifer is an excellent aquifer for the area due to a preponderance of sand, which allows for easy transmission of water within the saturated zone. The aquifer is primarily recharged through the infiltration of precipitation (Ref. 18, pp. 13, 31). The Tuscaloosa aquifer ranges from approximately 200 to 600 feet thick in the Fort Valley area (Refs. 15, pp. 314-317; 19, p.23). The Tuscaloosa aquifer is generally confined from the overlying units due to the positive head differentials between it and the overlying aquifers.

5.1.2 Groundwater Sampling Locations and Analytical Results

SESD and WESTON, START-2 personnel, collected three groundwater samples from temporary monitoring wells located on site and one groundwater sample from a pre-existing permanent monitoring well located north of the former Vienna Street Dump facility on the Blue Bird Body property. The well located on the Blue Bird Body property was presumed to be upgradient from both properties and was used to provide a background sample location. A control temporary monitoring well sample collected for comparison to on-site samples was collected from the upgradient well installed by EPA and is labeled as CNTL on Figure 3. The control well was located in the northwestern portion of the VSD property. Groundwater sample TW1 was collected from a temporary monitoring well located near the Indian Oaks Apartment complex. Groundwater sample TW3 was collected from a temporary monitoring well located on the eastern portion of the property. Appendix B, Tables 2 and 3 lists the field parameters and analytical data for the groundwater samples.

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5.1.2.1 Temporary Monitoring Wells

- All groundwater samples collected from temporary monitoring wells were screened in the surficial aquifer. The wells were installed using a hollow stem auger by SESD. The well screens and casings were stainless steel (Refs. 8; 9).

- Metal compounds detected at elevated concentrations include arsenic, barium, cadmium, cobalt, copper, lead, manganese, selenium, thallium, titanium, yttrium, and zinc. Concentrations of the aforementioned constituents ranged from 2 micrograms per liter (μg/L) to 840 μg/L. Lead (48 μg/L) is the only constituent above the national maximum contamination level (MCL) of 15 μg/L for lead (Ref. 20). In 2006, the EPA plans to implement a new standard (MCL) for arsenic of 10 μg/L (Ref. 20). Based on this new standard, arsenic will be above the MCL in monitoring wells TW1 (19 μg/L) and TW3 (19 μg/L).

- 1,2-Dichloropropane was the only VOC detected at an elevated concentration in TW3 (8.6 A μg/L)

- Caprolactam was the only SVOC detected at an elevated concentration of 600 μg/L in sample TW1. Caprolactam is a constituent used in manufacturing synthetic fibers, plastics, bristles, film, and coatings (Ref. 21)

- No pesticides or PCBs were detected at elevated concentrations.

5.1.3 Groundwater Targets

According to a CENTRACTS report based on U.S. Bureau of Census data, an estimated 1,154 persons obtain potable water from private wells located within 4 miles of the facility and are distributed as follows: 0 to 0.25 mile, 4 persons; 0.25 to 0.50 mile, 9 persons; 0.50 to 1 mile, 59 persons; 1 to 2 miles, 205 persons; 2 to 3 miles, 393 persons; and 3 to 4 miles, 484 persons. The nearest private well is located between 0 to 0.25 mile from the facility (Ref. 22).

The residents of Fort Valley and much of the surrounding area obtain their water from the Fort Valley Utility Commission (FVUC). FVUC serves Peach County and neighboring counties by means of approximately 4,500 connections (Ref. 23). The U.S. Bureau of the Census indicates the average number of people per

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household in Peach County is 2.68 (Ref. 24). Therefore, FVUC serves approximately 12,060 people (4,500 connections x 2.68 people per household = 12,060 people).

The FVUC receives all of its water from six groundwater wells (Ref. 25). Five of the six wells are located within a four-mile radius of the VSD. One well lies between a 0.5- to 1-mile radius, two wells are located between a 1- to 2-mile radius, and two wells lie between a 3- to 4-mile radius (Ref. 25). Each of the wells supplies water to approximately 2,010 people (12,060 people ÷ 6 wells). The FVUC system is a blended system that receives no more than 40 percent of its water from one well (Refs. 26).

The total number of people served by municipal wells are radially distributed as follows: 0 to 0.25 mile, 0 persons; 0.25 to 0.5 mile, 0 persons; 0.5 to 1 mile, 2,010 persons; 1 to 2 mile, 4,020 persons; 2 to 3 mile, 0 persons; and 3 to 4 mile, 4,020 persons (Refs. 1; 23; 25). The nearest municipal supply well is located approximately one mile southwest of the former dump (Refs. 1; 25). All wells within the FVUC system draw from the Tuscaloosa aquifer (Ref. 25).

5.1.4 Groundwater Conclusions

Arsenic, barium, cadmium, cobalt, copper, lead, manganese, selenium, thallium, titanium, yttrium, vanadium, zinc, 1,2-dichloropropane, and caprolactam were detected at elevated concentrations in groundwater samples collected from on-site temporary monitoring wells during the EPA investigation. Arsenic, barium, cadmium, cobalt, copper, lead, manganese, vanadium, and zinc were detected in on-site source samples during the B&V SI. Lead is the only constituent detected above MCLs in a sample collected from the surficial aquifer. In 2006, the EPA plans to implement a new standard (MCL) for arsenic of 10 μg/L. Based on this new standard, arsenic will be above the MCL in monitoring wells TW1 (19 μg/L) and TW3 (19 μg/L).

The residents of Fort Valley and much of the surrounding area obtain their water from the FVUC, which obtains its water from wells screened within the Tuscaloosa aquifer. Additionally, private wells are located within the study area; these wells are assumed to be completed in the surficial aquifer. Clay confining layers exist between the surficial, Providence, and Tuscaloosa aquifers which would inhibit the vertical migration of constituents between aquifers.

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5.2 SURFACE WATER MIGRATION PATHWAY

No surface water or sediment samples were collected during the RA or EPD investigation. However, B&V collected four surface water and four sediment samples (which include background samples) during the SI. Constituents elevated in surface water samples collected during the SI were cyanide and manganese. Elevated constituents in sediment samples included arsenic, barium, vanadium, zinc, 4,4'-DDT, and O,P-DDT. Zinc, 4,4-DDT, and O,P-DDT were also detected in source samples during the SI.

5.2.1 Hydrologic Setting

Site surface water runoff drains into Bay Creek, which is a perennial stream. Bay Creek runs approximately 10 miles in a generally southerly direction prior to flowing into Big Indian Creek (Ref. 1; 2, p. 5). Portions of the Vienna Street Dump site lie within the 100-year flood plain. Bay Creek continues to flow generally southeast from the site until emptying into Big Indian Creek some ten miles downstream. The remainder of the 15-mile surface water pathway is traced through Big Indian Creek as it wends southeastward (Ref. 2, p. 24).

5.2.2 Surface Water Targets

There are no known surface water intakes within Peach County. The majority of the residents within the four-mile radius are served by the the Fort Valley Utility Commission, which derives its water from six deep wells. The remaining residents obtain drinking water from private wells (Refs. 23; 25).

Bay Creek is used for recreational fishing at bridge crossings because access to the creek is restricted due to dense vegetation along the banks (Ref. 2, p. 24). Several federal threatened and endangered species are found in Peach County which include the bald eagle (*Haliaeetus leucocephalus*), wood stork (*Mycteria americana*), and the red-cockaded woodpecker (*Picoides borealis*) (Ref. 27). However, their exact locations have not been identified. There are approximately 7.5 miles of wetland frontage along Bay Creek (Ref. 1).

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5.2.3 Surface Water Conclusions

Arsenic, barium, vanadium, zinc, and 4,4'-DDT were detected in sediment samples collected from Bay Creek. The aforementioned constituents were also detected in source areas. Surface water runoff from the facility drains into Bay Creek. Bay Creek runs approximately 10 miles in a generally southerly direction prior to flowing into Big Indian Creek. Portions of the Vienna Street Dump site lie within the 100-year flood plain.

5.3 SOIL EXPOSURE PATHWAY AND AIR MIGRATION PATHWAY

During the August 2000 EPD investigation, seven surface and five subsurface soil samples were collected from the former dump and surrounding areas. Surface and subsurface soil sample results were discussed in *Section 4.0.*

5.3.1 Physical Conditions

The former VSD is located in an mixed residential and commercial area. An active wastewater treatment facility is currently in operation on the northwestern section of the property. The eastern and southern portions of the property are covered with brush, grassland, and small trees (Ref. 2, p. 27). Bay Creek forms the northeast perimeter of the site (Ref. 1; 2, p. 4). An apartment complex, Indian Oak Apartments, lies adjacent to the site to the south (Ref. 6, p. 2). The former dump is bound to the west by Vienna Street and to the northwest by the Norfolk Southern Railroad (Ref. 1; 2, p. 4). Although the main entrance to the property is fenced, the property is accessible from the apartment complex located south of the property. Site access from the west is restricted by a fence. Bay Creek forms a natural barrier along the northern and eastern edges of the site. Surface water runoff from the site flows into Bay Creek, which flows approximately ten miles before discharging into Big Indian Creek (Refs. 1; 2, p. 29).

5.3.2 Soil and Air Targets

According to a CENTRACTS report based on U.S. Bureau of Census data , approximately 8,831 people live within 4 radial miles of the VSD. The population distribution is as follows: 0 to 0.25 mile, 15; 0.25 to 0.50 mile, 48; 0.50 to 1 mile, 300; 1 to 2 miles, 1,964; 2 to 3 miles, 3,052; 3 to 4 miles, 3,452 (Ref. 22). The nearest residences are located across Vienna Street and the Indian Oaks Apartment complex located just

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south of the former dump (Refs.1; 2, p. 4). There are 147 units occupied in the Indian Oaks Apartment Complex. Based on the county multiplier of 2.68 people per household, approximately 394 people reside in the apartment complex (Ref. 28). Of the 394 residents, 25% or 98 people are assumed to use the complex's playground. Two schools lie approximately one mile from the dump to the west and southwest (Ref. 1).

Several federal threatened and endangered species are found in Peach County, Georgia. Such species include the wood stork (*Mycteria americana*), the red-cockaded woodpecker (*Piciodes borealis*), and the bald eagle (*Haliaeetus leucocephalus*) (Ref. 27). There are approximately 160 acres of wetlands within a 4-mile radius of the facility. The wetland acreage is distributed as follows: 0 to 0.25 mile, 0 acres; 0.25 to 0.50 mile, 0 acres; 0.50 to 1 mile, 0 acres; 1 to 2 miles, 18 acres; 2 to 3 miles, 2.5 acres; 3 to 4 miles, 140 acres (Ref. 1).

5.3.3 Soil and Air Conclusions

Several inorganic constituents were detected in on-site surface and subsurface soil samples. During the August 2000 EPD investigation, barium and the pesticides 4,4-DDE and 4,4'-DDT were detected at elevated concentrations in two samples collected from the Indian Oaks Apartment complex playground. Barium concentrations ranged from 50 mg/kg to 60 mg/kg. 4,4'-DDE and 4,4'-DDT were detected at concentrations ranging from 7.3 μg/kg to 74.0D μg/kg. The concentrations detected in surface soil samples collected at the playground are below the State of Georgia residential screening values of 1,000 mg/kg for barium and 660 μg/kg for DDE and DDT. Benzene and toluene were also detected at elevated concentrations when compared to background levels. However, such constituents were not elevated in source samples collected from the former dump during the B&V SI and the EPD investigation and are therefore not considered to be site-attributable. Arsenic, lead, and nickel were also detected at elevated concentrations in samples collected along the pathway which leads from the apartment complex to the WWTP. There are no schools or daycare centers within 200 feet of the facility. The former dump is not used for public recreation and is partially inaccessible to outsiders due to fencing and natural boundaries. However, the property is only partially fenced and is accessible from the apartment complex located south of the property.

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6.0 SUMMARY AND CONCLUSIONS

Vienna Street Dump has been inactive since the late 1960s or early 1970s. A WWTP currently operates on the northwestern section of the property. Grassland, brush, and small trees cover the eastern and southern portions of the property. The former dump is bordered to the northwest by the Norfolk Southern Railroad and to the west by Vienna Street. Bay Creek forms the north and northeastern boundary of the dump and the southern boundary is formed by a drainage ditch which flows into Bay Creek at the southeastern extent of the site. The WWTP is enclosed within a fenced area and the site is fenced along its western extent. The southern perimeter is open and adjacent to an apartment complex.

The groundwater migration pathway is a likely migration pathway for on-site contaminants. On-site groundwater samples indicated the presence of arsenic, barium, cadmium, cobalt, copper, lead, manganese, selenium, thallium, titanium, yttrium, vanadium, zinc, 1,2-dichloropropane, and caprolactam. The majority of residents in the vicinity of the former dump are served by municipal water supplies. A total of 10,050 persons are served by the five municipal wells located within 4 miles of the property. The nearest municipal well is located approximately 1 mile southwest of the property; all municipal wells are completed in the Tuscaloosa aquifer.

The surface water pathway is a primary migration route. Surface water runoff from the facility drains into Bay Creek, which runs approximately 10 miles in a generally southerly direction prior to flowing into Big Indian Creek. Portions of the Vienna Street Dump site lie within the 100-year flood plain. Constituents detected at elevated concentrations in sediment samples which were detected in on-site source areas include arsenic, barium, vanadium, zinc, and 4,4'-DDT. However, based on the concentration of constituents detected within the off-site surface water bodies and their potential receptors, the threat to the downstream waters appears to be minimal.

Numerous inorganic and organic constituents were detected at elevated concentrations in on-site soils. Site-attributable constituents such as barium, 4,4-DDE and 4,4'-DDT were detected in surface soil samples collected from the Indian Oaks Apartment complex's playground. Concentrations for the aforementioned

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constituents are below the GA residential screening values for such constituents. Based on the concentrations of the constituents detected and the limited number of targets, these constituents do not appear to be a substantial threat to the local public.

Based on the analytical results for samples collected during the B&V SI and the EPD investigation, and observations made during the reassessment, no further CERCLA action is recommended for the former Vienna Street Dump.

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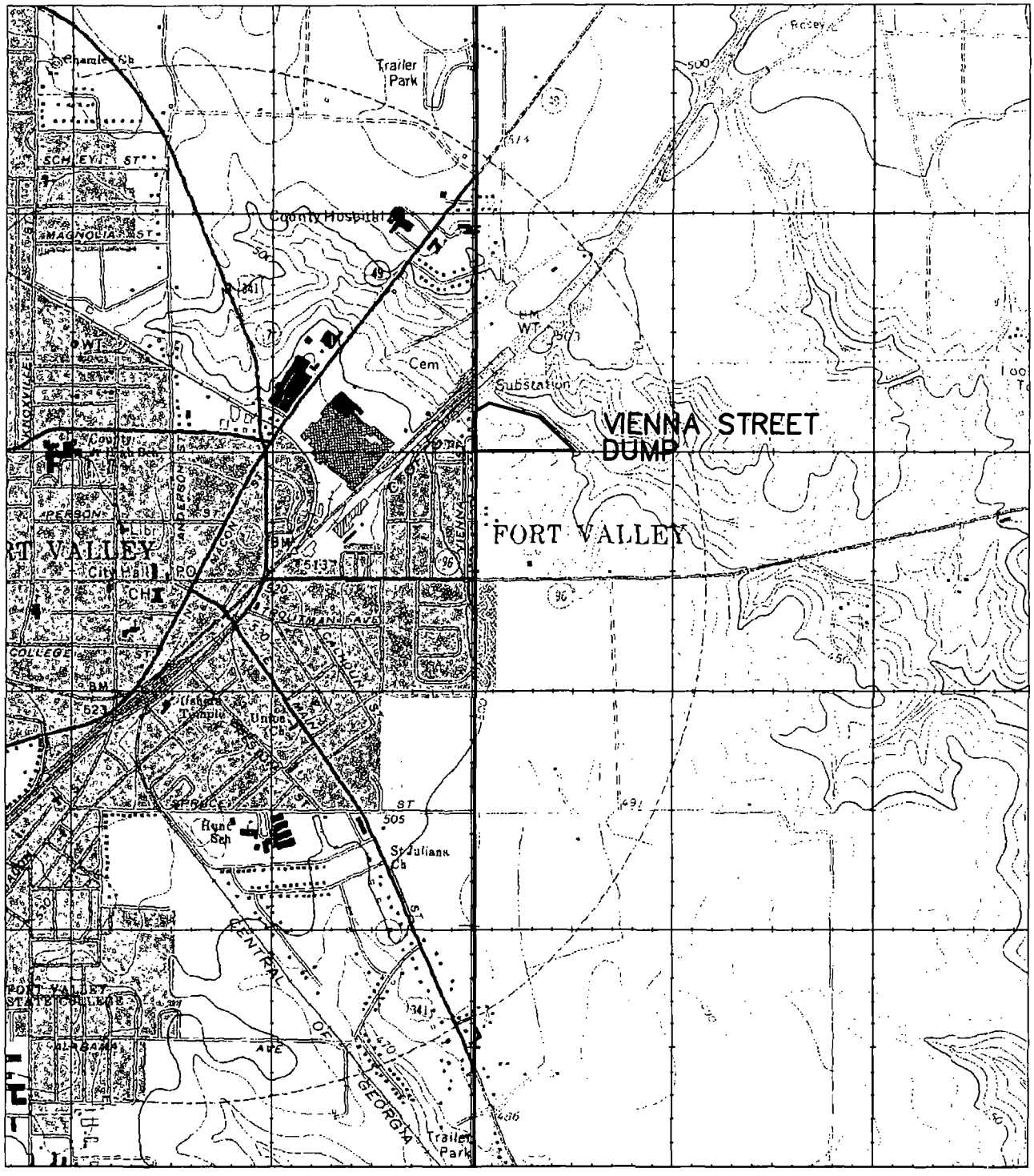
APPENDIX A

FIGURES



MODIFIED U.S.G.S. QUAD FORT VALLEY EAST MAP (7.5 SERIES), DATED 1999, SCALE: 1:2000

VIENNA STREET DUMP
FORT VALLEY, GEORGIA

GENERAL SITE LOCATION MAP

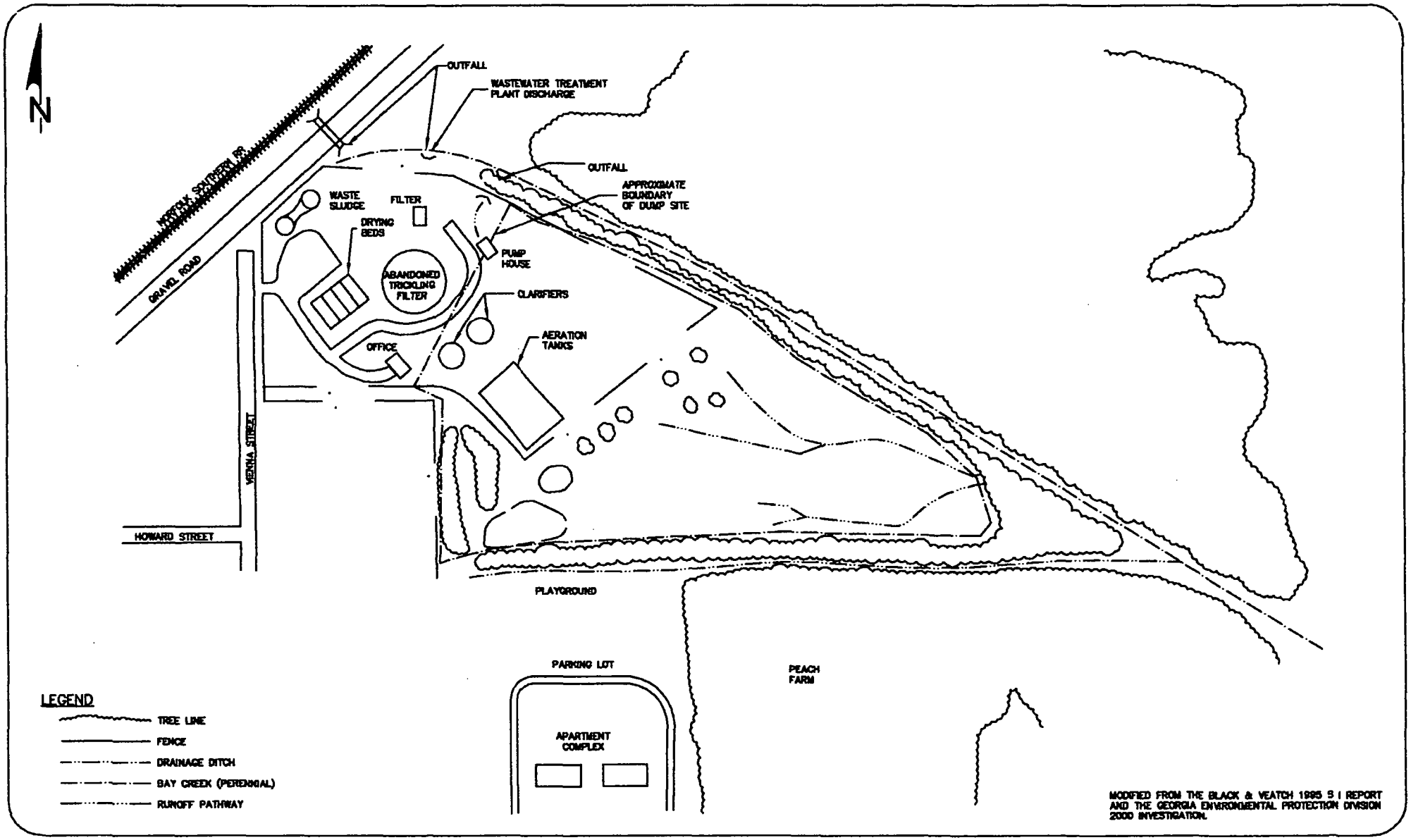
FIGURE 1

ROY F. WESTON, INC.

WESTON

MANAGERS DESIGNERS/CONSULTANTS

DRAWN: M. SNEED	DATE: 8/30/01	W.O. NO.: VIENNA_TOPO.dwg 12587-001-001-0035
SCALE: AS NOTED	EPA ID NO: GAD000048934	TDD NO: 4W-01-11-A-012



VIENNA STREET DUMP
FORT VALLEY, PEACH COUNTY, GEORGIA

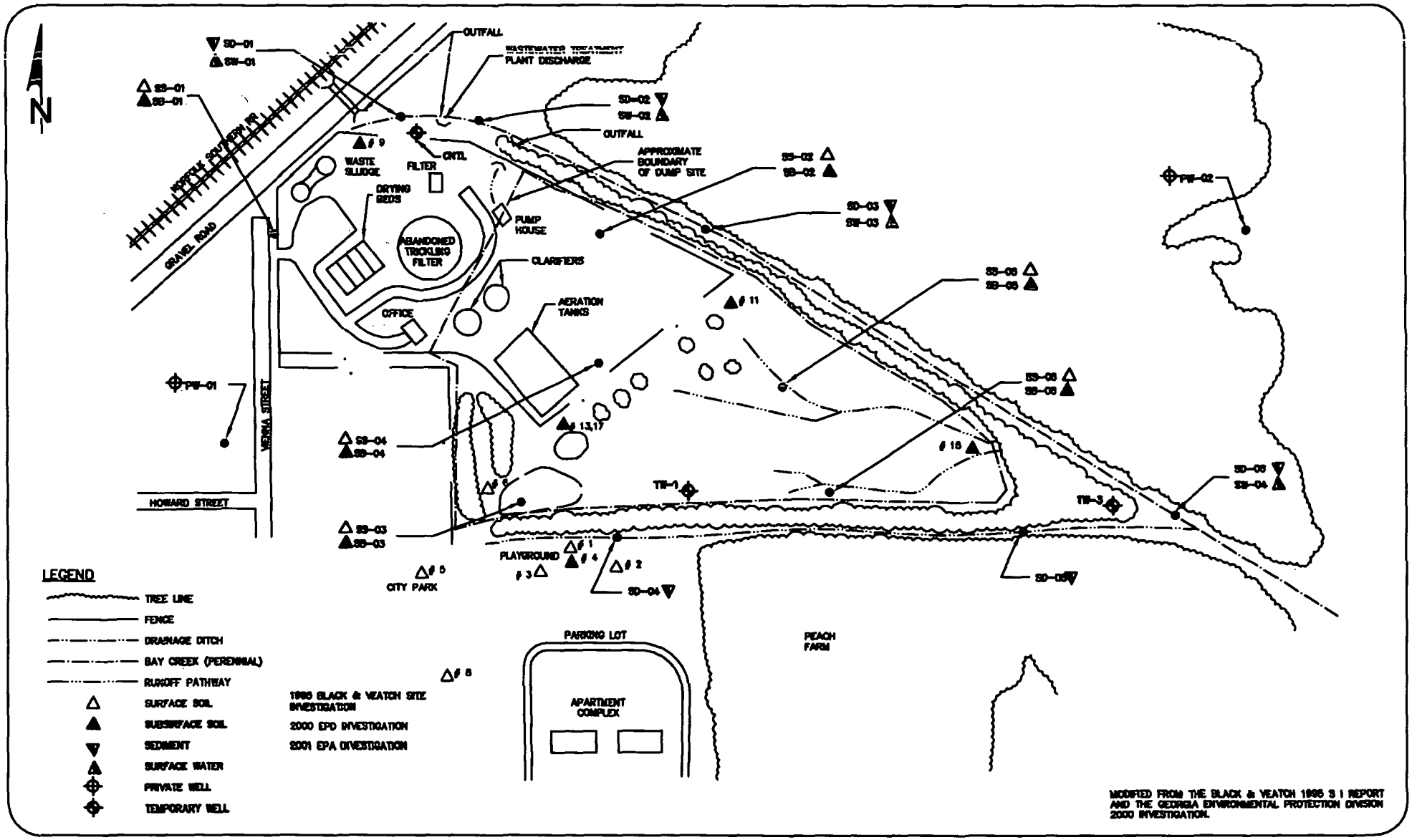
SITE LOCATION MAP

FIGURE 2

ROY F. WESTON, INC.
WESTON
MANAGERS DESIGNERS/CONSULTANTS

DRAWN:	DATE:	W.O. NO.: vienna2.dwg
M. SNEED	8/1/01	12587-001-001-0035
SCALE:	EPA ID NO:	TDD NO:
N.T.S.	GAD000048934	4W-01-11-A-012

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



Superfund Technical Assessment Response Team

VIENNA STREET DUMP
FORT VALLEY, PEACH COUNTY, GEORGIA

SAMPLING LOCATION MAP

FIGURE 3

ROY F. WESTON, INC.

WESTON

MANAGERS DESIGNERS/CONSULTANTS

DRAWN:	DATE:	W.O. NO.: vienna2.dwg
M. SNEED	11/28/01	12587-001-001-0035
SCALE: N.T.S.	EPA ID NO: GAD000048934	TDD NO: 4W-01-11-A-012

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

APPENDIX B
ANALYTICAL DATA TABLES

TABLE 4
SUMMARY OF INORGANIC ANALYTICAL RESULTS
SITE INSPECTION SURFACE SOIL SAMPLES
VIENNA STREET DUMP
FORT VALLEY, GEORGIA

Compound	Background Sample VS-SS-01	VS-SS-02	VS-SS-03	VS-04-SS	VS-05-SS	VS-06-SS
Inorganics - Total (mg/kg)						
Aluminum	6300	16000	11000	16000	13000	12000
Arsenic	32.00	930.00	7.60	46.00	8.40	30.00
Barium	79.00	230.00	15.00	23.00	31.00	33.00
Chromium	15.00	58.00	23.00	77.00	19.00	31.00
Cobalt	2.40	9.60	1.20 J	3.50	1.70 J	1.10 J
Copper	23.00	930.00	-	15.00	11.00	35.00
Cyanide	0.58 U	0.86	-	-	-	-
Lead	91.00 J	1300.00 J	13.00 J	74.00 J	14.00 J	98.00 J
Magnesium	180.00	1500.00	100.00	350.00	140.00	130.00
Manganese	210.00	870.00	78.00	240.00	32.00	30.00
Total Mercury	0.15	0.84	-	-	-	3.90
Vanadium	25.00	40.00	56.00	85.00	45.00	58.00
Zinc	140.00	1500.00	-	12.00	-	46.00

Notes:

Surface soil samples were collected during the August 1994 Black & Veatch Site Inspection.

VS - Vienna Street Dump
SS - Surface soil sample
mg/kg - Milligrams per kilogram
J - Estimated value
U - Value is below the reporting limit
\- Material analyzed for but not detected
Shading - constituent is elevated above background

TABLE 5
SUMMARY OF ORGANIC ANALYTICAL RESULTS
SITE INSPECTION SURFACE SOIL SAMPLES
VIENNA STREET DUMP
FORT VALLEY, GEORGIA

Compound	Background Sample VS-SS-01	VS-SS-02	VS-SS-03	VS-SS-04	VS-SS-05	VS-SS-06
VOCs (ug/kg)						
None						
SVOCs (ug/kg)						
Benzo (b and/or k) fluoranthene	7000 U	760 J	-	-	-	-
Fluoranthene	7000 U	1300 J	-	-	-	-
Phenanthrene	7000 U	1000 J	-	-	-	-
Pyrene	7000 U	1100 J	-	-	-	-
Pesticides & PCBs (ug/kg)						
Heptachlor	50 U	56	-	-	-	72
Heptachlor Epoxide	50 U	90	-	-	-	-
Alpha-BHC	50.0 U	-	-	-	-	53.0
Beta-BHC	50.0 U	370.0	-	-	-	-
Dieldrin	16.0	920.0 C	-	9.1 J	-	1700.0 C
4,4'-DDD (p,p'-DDD)	50.0 U	200.0 N	-	-	-	2000.0 C
4,4'-DDE (p,p'-DDE)	61.0	2300.0 C	34.0	20.0 J	-	130.0
4,4'-DDT (p,p'-DDT)	50.0	2500.0 C	23.0 J	14.0 J	-	440.0
Lindane (gamma-BHC)	50.0 U	-	-	-	-	26.0
Endrin	50.0 U	99.0	-	-	-	84.0 N
Chlordene/2	7.0 U	5.4 J	-	-	-	290.0
Alpha-chlordene/2	14.0 U	24.0	-	-	-	82.0 N
Beta-chlordene/2	14.0 U	21.0 N	-	-	-	62.0 N
Gamma-chlordene/2	14.0 U	63.0	-	-	-	14.0
Gamma-chlordane/2	8.7 J	910.0 C	-	3.7 J	-	2400.0 C
Trans-nonalchlor	12.0 N	380.0 N	-	-	-	490.0 N
Alpha-chlordane/2	9.2 JN	570.0 C	-	-	-	640.0 C
Cis-nonachlor	14.0 U	-	-	-	-	110.0 N
Oxychlordane/2	14.0 U	29.0 N	-	-	-	-
Endrin Ketone	50.0 U	-	-	-	-	31.0
Miscellaneous Pesticides/PCBs (ug/kg)						
O, P-DDD	-	190.0 N	-	-	-	860.0 N
O, P-DDE	-	280.0 N	-	-	-	64.0 N
O, P-DDT	14.0 J	1400.0 C	-	-	-	44.0 N

TABLE 5
SUMMARY OF ORGANIC ANALYTICAL RESULTS
SITE INSPECTION SURFACE SOIL SAMPLES
VIENNA STREET DUMP
FORT VALLEY, GEORGIA

Compound	Background Sample VS-SS-01	VS-SS-02	VS-SS-03	VS-SS-04	VS-SS-05	VS-SS-06
Miscellaneous Pesticides/PCBs (ug/kg)						
O, P-DDD	-	190.0 N	-	-	-	860.0 N
O, P-DDE	-	280.0 N	-	-	-	64.0 N
O, P-DDT	14.0 J	1400.0 C	-	-	-	44.0 N

Notes:

Surface soil samples were collected during the August 1994 Black & Veatch Site Inspection.

VS - Vienna Street Dump
SS - Surface soil sample
VOCs - Volatile organic compounds
ug/kg - Micrograms per kilogram
SVOCs - Semivolatile organic compounds
U - Value is below the reporting limit (PQL)
J - Estimated value
PCBs - Polychlorinated biphenyls
C - Confirmed by gas chromatograph
N - Presumptive evidence of presence of material
\- Material analyzed for but not detected
Shading - constituent is elevated above background

TABLE 6
SUMMARY OF INORGANIC ANALYTICAL RESULTS
SITE INSPECTION SUBSURFACE SOIL SAMPLES
VIENNA STREET DUMP
FORT VALLEY, GEORGIA

Compound	Background Sample VS-SB-01	VS-SB-02	VS-SB-03	VS-SB-04	VS-SB-05	VS-SB-06
Inorganics - Total (mg/kg)						
Aluminum	14000	2100	15000	150000	15000	15000
Arsenic	12.00	1000.00	5.90	1600.00	12.00	9.60
Barium	29.00	290.00	19.00	310.00	12.00	12.00
Chromium	35.00	57.00	28.00	54.00	34.00	41.00
Cobalt	1.60 J	9.00	1.60 J	8.70	1.70	2.10
Copper	7.30	330.00	-	620.00	8.70	15.00
Lead	20.00 J	1900.00 J	11.00 J	5900.00 J	14.00 J	21.00 J
Magnesium	120.00	1800.00	150.00	1800.00	92.00	260.00
Manganese	92.00	960.00	68.00	430.00	54.00	130.00
Total Mercury	0.12 U	2.50	-	1.10	-	-
Vanadium	75.00	38.00	58.00	36.00	110.00	88.00
Zinc	30.00 U	2500.00	-	6000.00	120.00	53.00

Notes:

Subsurface soil samples were collected during the August 1994 Black & Veatch Site Inspection.

VS - Vienna Street Dump
SB - Subsurface soil sample
mg/kg - Milligrams per kilogram
J - Estimated value
U - Value is below the reporting limit
\- Material analyzed for but not detected
Shading - constituent is elevated above background

TABLE 7
SUMMARY OF ORGANIC ANALYTICAL RESULTS
SITE INSPECTION SUBSURFACE SOIL SAMPLES
VIENNA STREET DUMP
FORT VALLEY, GEORGIA

Compound	Background Sample VS-SB-01	VS-SB-02	VS-SB-03	VS-SB-04	VS-SB-05	VS-SB-06
VOCs (ug/kg)						
Toluene	75 U	10 J	-	11 J	-	-
Chlorobenzene	75 U	-	-	-	-	21 J
(M-and/or P-) xylene	75 U	-	-	-	-	6.2 J
1,4-Dichlorobenzene	75 U	-	-	-	-	16 J
1,2-Dichlorobenzene	75 U	-	-	-	-	6.3 J
SVOCs (ug/kg)						
4-Chloroaniline	7000 U	-	-	-	-	1500 J
Benzo (b and/or k) fluoranthene	7000 U	-	-	-	-	910 J
Bis (2-ethylhexyl)phthalate	7000 U	-	-	-	-	4500 J
Fluoranthene	7000 U	1400 J	-	-	-	950 J
Phenanthrene	7000 U	-	-	-	-	1300 J
Pyrene	7000 U	1200 J	-	-	-	880 J
Pesticides & PCBs (ug/kg)						
Aldrin	50 U	-	-	-	-	130
Heptachlor	50 U	3400	-	-	-	77
Heptachlor Epoxide	50 U	210	-	140	-	-
Alpha-BHC	50.0 U	19.0	-	37.0	-	-
Beta-BHC	50.0 U	1100.0	-	740.0	-	-
Dieldrin	50.0 U	2200.0 C	-	2700.0 C	-	700.0 C
4,4'-DDD (p,p'-DDD)	50.0 U	2600.0 C	-	12000.0 C	-	1300.0 C
4,4'-DDE (p,p'-DDE)	50.0 U	6200.0 C	-	5400.0 C	-	130.0
4,4'-DDT (p,p'-DDT)	50.0 U	9900.0 C	-	10000.0 C	-	42.0 C
Lindane (gamma-BHC)	50.0 U	-	-	31.0	-	-
Chlordene/2	7.0 U	69.0	-	210.0	-	2000.0 C
Alpha-chlordene/2	14.0 U	73.0 N	-	360.0	-	140.0 C
Gamma-chlordene/2	14.0 U	110.0	-	330.0	-	-
Gamma-chlordane/2	14.0 U	2100.0 C	-	3800.0 C	-	3400.0 C
Alpha-chlordane/2	-	850.0 C	-	2100.0 C	-	680.0 C
Miscellaneous Pesticides/PCBs (ug/kg)						
O, P-DDD	-	610.0 N	-	4000.0	-	430.0 C
O, P-DDE	-	550.0 N	-	510.0 N	-	64.0 N
O, P-DDT	-	1800.0 C	-	300.0 C	-	39.0 N

Notes:

Subsurface soil samples were collected during the August 1994 Black & Veatch Site Inspection.

VS - Vienna Street Dump
SB - Subsurface soil sample
VOCs - Volatile organic compounds
ug/kg - Micrograms per kilogram
U - Value is below the reporting limit
J - Estimated value
SVOCs - Semivolatile organic compounds
PCBs - Polychlorinated biphenyls
C - Confirmed by gas chromatograph
N - Presumptive evidence of material
\- Material analyzed for but not detected
Shading - constituent is elevated above background

TABLE 8
SUMMARY OF INORGANIC ANALYTICAL RESULTS
SITE INSPECTION SURFACE WATER SAMPLES
VIENNA STREET DUMP
FORT VALLEY, GEORGIA

Metals (ug/L)	Background VS-SW-01	VS-SW-02	VS-SW-03	VS-SW-04
Aluminum	430	-	510	-
Arsenic	2U	-	6J	-
Barium	26	10	14	12
Cyanide	10U	-	12	12
Magnesium	740	750	680	810
Manganese	17	79	77	67
Zinc	150	-	-	-

Notes:

Samples were collected during the August 1994 Black & Veatch Site Inspection.

VS - Vienna Street Dump
SW - Surface water sample
ug/L - Micrograms per liter
U - Value is below the reporting limit
J - Estimated value
\- Material analyzed for but not detected
Shading - constituent is elevated above background

TABLE 9
SUMMARY OF INORGANIC ANALYTICAL RESULTS
SITE INSPECTION SEDIMENT SAMPLES - DRAINAGE DITCH
VIENNA STREET DUMP
FORT VALLEY, GEORGIA

Compound	Background Sample VS-SS-01	Southern Drainage Ditch VS-SD-04	VS-SD-05
Inorganics - Total (mg/kg)			
Aluminum	6300	15000	9000
Arsenic	32.00	13.00	8.70
Barium	79.00	66.00	8.80
Chromium	15.00	28.00	20.00
Cobalt	2.40	3.00	0.92 J
Copper	23.00	9.80	-
Lead	91.00 J	36.00 J	6.90 J
Magnesium	180.00	340.00	85.00
Manganese	210.00	300.00	35.00
Vanadium	25.00	52.00	50.00
Zinc	140.00	51.00	-

Notes:

Surface soil and sediment samples were collected during the August 1994 Black & Veatch Site Inspection. (The drainage ditch was dry at the time of sampling. Therefore, the samples were compared to the background surface soil sample).

VS - Vienna Street Dump
SS - Surface soil sample
SD - Sediment sample
mg/kg - Milligrams per kilogram
J - Estimated value
\- Material analyzed for but not detected

TABLE 10
SUMMARY OF ORGANIC ANALYTICAL RESULTS
SITE INSPECTION SEDIMENT SAMPLES DRAINAGE DITCH
VIENNA STREET DUMP
FORT VALLEY, GEORGIA

Compound	Background Sample VS-SS-01	Southern Drainage Ditch VS-SD-04	VS-SD-05
Pesticides & PCBs (ug/kg)			
Dieldrin	16.0	-	-
4,4'-DDE (p,p'-DDE)	61.0	39.0	-
4,4'-DDT (p,p'-DDT)	50.0	17.0 J	-
Gamma-chlordane	8.7 J	-	-

Notes:

Surface soil and sediment samples were collected during the August 1994 Black & Veatch Site Inspection. (The drainage ditch was dry at the time of sampling. Therefore, the samples were compared to the background surface soil sample).

VS - Vienna Street Dump
SS - Surface soil sample
SD - Sediment sample
PCBs - Polychlorinated biphenyls
ug/kg - Micrograms per kilogram
J - Estimated value
\- Material analyzed for but not detected

TABLE 11
SUMMARY OF INORGANIC ANALYTICAL RESULTS
SITE INSPECTION SEDIMENT SAMPLES - BAY CREEK
VIENNA STREET DUMP
FORT VALLEY, GEORGIA

Compound	Background Sample VS-SD-01	Bay Creek VS-SD-02	VS-SD-03	VS-SD-06
Inorganics - Total (mg/kg)				
Aluminum	800	4100	2600	1800
Arsenic	1.80 J	4.90	8.10	7.1
Barium	3.00	9.70	18.00	3.7
Chromium	44.00	17.00	8.70	6.6
Cobalt	1.40 J	1.20 J	0.93 J	0.79 J
Copper	3.00 U	-	-	-
Lead	7.30	7.90 J	15.00	21
Magnesium	230.00	190.00	240.00	-
Manganese	24.00	64.00	70.00	26
Vanadium	9.00	30.00	12.00	15
Zinc	30.00 U	-	50.00	-

Notes:

Sediment samples were collected during the August 1994 Black & Veatch Site Inspection.

VS - Vienna Street Dump
SD - Sediment sample
mg/kg - Milligrams per kilogram
J - Value is estimated
U - Value is below the reporting limit
\- Material analyzed for but not detected
Shading - constituent is elevated above background

TABLE 12
SUMMARY OF ORGANIC ANALYTICAL RESULTS
SITE INSPECTION SEDIMENT SAMPLES - BAY CREEK
VIENNA STREET DUMP
FORT VALLEY, GEORGIA

Compound	Background Sample VS-SD-01	Bay Creek VS-SD-02	VS-SD-03	VS-SD-06
Pesticides & PCBs (ug/kg)				
Dieldrin	50.0 U	-	9.5 J	-
4,4'-DDD (p,p'-DDD)	50.0 U	-	16.0 J	-
4,4'-DDE (p,p'-DDE)	50.0 U	-	16.0 J	-
4,4'-DDT (p,p'-DDT)	50.0 U	42.0	330.0	13 J
Eldrin	50.0 U	-	11.0 J	-
Gamma-chlordane	-	-	11.0 J	-
Miscellaneous Pesticides/PCBs				
O,P -DDT	-	18 JN	170	-

Notes:

Sediment samples were collected during the August 1994 Black & Veatch Site Inspection.

VS - Vienna Street Dump
SD - Sediment sample
PCBs - Polychlorinated biphenyls
ug/kg - Micrograms per kilogram
U - Value is below the reporting limit
J - Estimated value
N - Presumptive evidence of the presence of material
\- Material analyzed for but not detected
Shading - constituent is elevated above background

TABLE 13
SUMMARY OF INORGANIC ANALYTICAL RESULTS
SITE INSPECTION POTABLE WELL SAMPLES
VIENNA STREET DUMP
FORT VALLEY, GEORGIA

	Background		
Metals (ug/L)	VS-PW-01	VS-PW-01D	VS-PW-02
Barium	39	41	7
Copper	3U	-	26
Magnesium	980	1000	340
Manganese	17	17	-
Mercury	0.47	0.42	-
Zinc	30U	29	-

Notes:

Potable well samples were collected during the August 1994 Black & Veatch Site Inspection.

VS - Vienna Street Dump
PW - Potable well sample
D - Duplicate sample
ug/L - Micrograms per liter
U - Value is below the reporting limit
\- Material analyzed for but not detected
Shading - constituent is elevated above background

TABLE 14
SUMMARY OF INORGANIC ANALYTICAL RESULTS
EPD INVESTIGATION SURFACE SOIL SAMPLES
VIENNA STREET DUMP
FORT VALLEY, GEORGIA

		Playground			Path		Dump
Compound	Background Sample Sample # 8	Sample # 1	Sample # 2	Sample # 3	Sample # 5	Sample # 6	Sample # 15
Inorganics - Total (mg/kg)							
Arsenic	8.80	8.00 U	8.00 U	8.00 U	8.00 U	69.00	110.00
Barium	15.00	61.00	30.00	50.00	38.00	25.00	77.00
Chromium	41.00	12.00	20.00	25.00	24.00	20.00	23.00
Copper	5.90	3.40	8.20	9.80	15.00	10.00	13.00
Lead	14.00	16.00	16.00	18.00	22.00	56.00	86.00
Nickel	3.90	4.20	3.50	5.00	13.00	3.90	4.30
Silver	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.80
Total Mercury	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.15

Notes:

Surface soil samples were collected during the August 2000 GA EPD investigation.

mg/kg - Milligrams per kilogram
U - Value is below the reporting limit (practical quantitation limit = PQL)
Shading - constituent is elevated above background

TABLE 15
SUMMARY OF ORGANIC ANALYTICAL RESULTS
EPD INVESTIGATION SURFACE SOIL SAMPLES
VIENNA STREET DUMP
FORT VALLEY, GEORGIA

		Playground			Path		Dump
Compound	Background Sample Sample # 8	Sample # 1	Sample # 2	Sample # 3	Sample # 5	Sample # 6	Sample # 15
VOCs (ug/kg)							
Acetone	97 U	97 U	110 U	120 U	Trace	130	100 U
Benzene	4.9 U	4.9 U	5.7 U	9.5	4.9 U	4.8 U	5.1 U
Toluene	4.9 U	4.9 U	5.7 U	7.4	4.9 U	4.8 U	5.1 U
Pesticides & PCBs (ug/kg)							
alpha-BHC	2.0 U	2.0 U	4.0 U	2.0 U	2.0 U	2.0 U	5.2
Chlordane	50.0 U	50.0 U	100.0 U	50.0 U	50.0 U	50.0 U	400.0 J
4,4'-DDD (p,p'-DDD)	7.5 U	7.5 U	15.0 U	7.5 U	7.5 U	9.5	47.0
4,4'-DDE (p,p'-DDE)	3.0 U	74.0 D	6.0 U	7.3	5.9	32.0	150.0 D
4,4'-DDT (p,p'-DDT)	6.5 U	23.0	13.0 U	6.5 U	6.5 U	20.0	170.0 D
Lindane (gamma-BHC)	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	2.5
Mirex	7.7	13.0	7.0 U	3.5 U	3.5 U	3.5 U	3.5 U
Toxaphene	130.0 U	3500.0 JD	260.0 U	130.0 J	130.0 U	130.0 U	130.0 U

Notes:

Surface soil samples were collected during the August 2000 GA EPD investigation.

There are traces of p,m-Xylene, n-Propylbenzene, 1,3,5-Trimethylbenzene, 1,2,4-Trimethylbenzene, n-butylbenzene, and Naphthalene in Sample # 3.

D - Denotes results based on dilution run on 9/14/00. 4,4-DDE and 4,4-DDT required 10X dilution for analysis. PQLs for these analytes adjusted accordingly.

J - Estimated value

ug/kg - Micrograms per kilogram

U - Value is below the reporting limit (PQL)

Shading - constituent is elevated above background

TABLE 16
SUMMARY OF INORGANIC ANALYTICAL RESULTS
EPD INVESTIGATION SUBSURFACE SOIL SAMPLES
VIENNA STREET DUMP
FORT VALLEY, GEORGIA

	Playground	Dump		
Compound	Sample # 4	Sample # 9	Sample # 11	Sample # 13
Inorganics - Total (mg/kg)				
Arsenic	8.0 U	8.0 U	270.0	8.0 U
Barium	62.0	24.0	150.0	39.0
Cadmium	1.0 U	1.0 U	2.7	1.0 U
Chromium	43.0	17.0	31.0	24.0
Copper	5.3	4.1	89.0	6.3
Lead	22.0	15.0	260.0	18.0
Nickel	7.0	3.3	25.0	4.9
Total Mercury	0.1 U	0.1 U	0.31	0.1 U

Notes:

Subsurface soil samples were collected during the August 2000 GA EPD investigation.

mg/kg - Milligrams per kilogram
U - Value is below the reporting limit (PQL)

TABLE 17
SUMMARY OF ORGANIC ANALYTICAL RESULTS
EPD INVESTIGATION SUBSURFACE SOIL SAMPLES
VIENNA STREET DUMP
FORT VALLEY, GEORGIA

	Playground	Dump		
Compound	Sample # 4	Sample # 9	Sample # 11	Sample # 13
VOCs (ug/kg)				
Carbon Disulfide	4.9 U	Trace	5.9	Trace
Chlorobenzene	4.9 U	5.6 U	31.0	4.9 U
Pesticides & PCBs (ug/kg)				
Aldrin	3.5 U	7.0 U	19.0	3.5 U
a-BHC	2.0 U	4.0 U	41.0 D	2.0 U
b-BHC	3.0 U	6.0 U	120.0 D	3.0 U
Chlordane	50.0 U	100.0 U	50.0 U	59.0 J
4,4'-DDD	7.5 U	15.0 U	500.0 D	27.0
4,4'-DDE (p,p'-DDE)	3.0 U	25.0	1700.0 D	36.0
4,4'-DDT (p,p'-DDT)	6.5 U	13.0 U	31.0	6.5 U
Lindane (g-BHC)	1.0 U	2.0 U	10.0	1.0 U
Toxaphene	130.0 U	1100.0 J	130.0 U	130.0 U

Notes:

Subsurface soil samples were collected during the August 2000 GA EPD investigation.
Traces of methylene chloride and iodomethane were detected in Sample #4.
Traces of chloromethane, methylene chloride, and carbon disulfide were detected in Sample #9.
Traces of acetone, benzene, tert-gutylbenzene, and 1,2,4-trimethylbenzene were detected in Sample #11.
Traces of acetone, and carbon disulfide were detected in Sample #13.

VOCs - Volatile organic compounds
ug/kg - Micrograms per kilogram
U - Value is below the reporting limit
PCBs - Polychlorinated biphenyls
D - Denotes results based on dilution run on 9/14/00. A-BHC and b-BHC required 10X dilution, 4,4'-DDD required 50X dilution and 4,4'-DDE required 100X dilution for analysis. MDLs for these analytes were adjusted accordingly.
J - Estimated value

TABLE 18
SUMMARY OF FIELD PARAMETERS
EPA INVESTIGATION GROUNDWATER SAMPLES
VIENNA STREET DUMP
FORT VALLEY, GEORGIA

Sample Number	pH	Conductivity (mS/cm)	Turbidity (NTU)	Temperature °C	Comments
BKGD	4.32	0.042	5	NA	None
CNTL	5.7	0.17	233	18.1	High turbidity
TW1	4.54	0.28	NA	18.3	High turbidity
TW3	4.42	0.404	NA	18.2	High turbidity

Notes:
Groundwater samples were collected during the April 2001 EPA Investigation.

BKGD - Background monitoring well
CNTL - On-site control monitoring well
TW1 - On-site monitoring well
TW3 - On-site monitoring well
mS/cm = microsiemens per centimeter
NTU = National turbidity units
°C = degrees Celsius
NA = Not available

TABLE 19
SUMMARY OF ANALYTICAL RESULTS
EPA INVESTIGATION GROUNDWATER SAMPLES
VIENNA STREET DUMP
FORT VALLEY, GEORGIA

	BKGD	CNTL	TW1	TW3
Metals (ug/L)				
Aluminum	120A	2,300	23,000	4,400
Arsenic	2.0U	1.0U	19	19
Barium	26A	67	38	210
Cadmium	0.50U	0.50U	0.62	0.74
Calcium	0.65A	23	9	22
Chromium	5.0U	200	130	40
Cobalt	5.0U	5.0U	5.0U	12
Copper	20U	20U	72	20U
Iron	0.50U	5.2	120	29
Lead	1.0U	4.2	48	12
Magnesium	0.82A	2.8	2.7	9.5
Manganese	10U	100	320	840
Molybdenum	5.0U	5.0U	7.1	35
Nickel	10U	230	70	22
Potassium	2.0U	4.3	6.3	4.5
Selenium	2.0U	2.0U	1.1	4.3
Sodium	2.3A	5.4	32	29
Strontium	7.9A	99	46	210
Thallium	0.50U	0.50U	1.2	0.50U
Titanium	10U	53	370	110
Vanadium	5.0U	12	220	61
Yttrium	4.7A	14	48	93
Zinc	16AJ	63	210	57
Volatile Organic Compounds (ug/L)				
Trichlorofluoromethane	0.66J	1.0U	1.0U	1.0U
Cis-1,2-Dichloroethene	1.0U	1.0U	0.60J	1.0U
1,2-Dichloropropane	1.0U	1.0U	0.89J	8.6A
1,4-Dichlorobenzene	1.0U	1.0U	0.71J	1.0U
Extractables (ug/L)				
Caprolactam	85	10U	600	40
Pesticides and Polychlorinated Biphenyls (ug/L)				
Alpha-BHC	0.10U	0.10U	0.043J	0.039J
Dieldrin	0.10U	0.10U	0.10U	0.051J

Notes:

Groundwater samples were collected during the April 2001 EPA Investigation.

A - Average value
BKGD - Background monitoring well
CNTL - On-site control monitoring well
J - Estimated value
ug/L - Micrograms per liter
TW1 - On-site monitoring well
TW3 - On-site monitoring well
U - Value is below the reporting limit
Shading - constituent is elevated above background

APPENDIX C
ANALYTICAL DATA SET

REQUEST FOR LABORATORY ANALYSIS

Duplic
17
dup of
13
4-8'

cation: Vienna Street Dump / Fort Valley

ed By/Phone: James Sliwinski / (404) 656 -2833

ate: 08\30\00 9:00

itted To Lab: 08\30\00

LOG NUMBER: 8418

aparate Request Sheet for each sample point)

Sample ID AD02874
Location: HWMB
Description: HW8418 VIENNA ST.DUMP/FT VALL
Sample Collecto J.SLIWINSKI
Sample ID: AD02874

ysis Needed By: Routine ✓ Other (specify) _____

mple Description (check one)

Waste ____ Soil/Sediment ✓ Sludge ____
Ground Water ____ Surface Water ____ Drinking Water Well ____

Concentration of Organics Requested (estimated): High ___ Low ✓ Other (e.g., rinse blank - specify) _____

Describe Sample Including Source and Known Properties (e.g. pH, concentration):
Municipal and industrial dump site: metals, herbicides, pesticides, PCBs, semi-volatile and volatile organics subsurface soil at the middle portion (Duplicate)

Applicable Hazardous Waste Codes (if known) _____ _____ _____

Special Precautions:

ANALYSIS REQUIRED

(Note: Totals will always be run first. A TCLP will subsequently be run only if the total value indicates a positive TCLP could results)

1. TOTAL ORGANICS

		4 OZ JARS	8 OZ JARS	16 OZ JARS	ENCORES
Semi-Volatiles (Acid & Base\Neutral)	✓				
Volatiles	✓				
Pesticides	✓				
Herbicides	✓				
Organophosphorous Pesticides					
PCB	✓				
BETX		1	2	1	4
Total Petroleum Hydrocarbon					

2. TOTAL METALS

ICP Metals Scan (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) ✓
Mercury ✓
Metals Special Requests: _____

Organics Special Requests: _____

3. TCLP ORGANICS

Volatiles ____ Pesticides ____
Semi-Volatiles (Acid & Base/Neutral) ____ Herbicides ____
Additional Specific Organics for TCLP: _____

4. TCLP METALS ANALYSIS

TCLP Metals (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) ____ Additional Metals for TCLP: _____
Mercury ____

5. ADDITIONAL ANALYSIS REQUESTED (see list on back): _____

Reviewed By: (HWMB): _____ Date: _____ Reviewed By (EPD Lab): M.WM/KIK
Approved By:(HWMB): _____ Date: _____ Date (EPD Lab): 8/30/00

MNW

RECEIT TEMP 0.0

GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

455 14th Street NW, Atlanta, GA 30318-7900
(404) 206-5269

LABORATORY REPORT

TO: Georgia Env Protection Divison Hazardous Waste Mgmt Branch 205 Butler St SE Suite 1154E Atlanta, GA 30334	Date Collected: 8/30/2000 Time Collected: 9:00 Sample Collector: J.SLIWINSKI Chlorination: Sample Type:
Sample ID: AD02874 Facility Name: HW8418 VIENNA ST.DUMP/FT VALL Site ID: HWMB Location ID: Location Descr: HW8418 SURFACE SOIL@MIDPT.DUP	Received By: MW Date Received: 8/30/2000 Time Received: 5:36 PM Project: HW Reporting Date: 9/28/2000 Received Temperature: 0.0 °C

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER	PQL	ANALYST	ANALYSIS DATE	MCL or QC Range
8260 Volatiles in Soil/Sed. QC Batch 36498										
Dibromofluoromethane(Surrogate QC Std.)			EPA 8260	53	ug/kg (dw)		0.00	AGV	9/5/2000	*33 to 75*
Toluene-d8(Surrogate QC Std.)			EPA 8260	50	ug/kg (dw)		0.00	AGV	9/5/2000	*39 to 68*
Bromofluorobenzene(Surrogate QC Std.)			EPA 8260	48	ug/kg (dw)		0.00	AGV	9/5/2000	*25 to 60*
1,2-Dichloroethane-d4(Surrogate QC Std.)			EPA 8260	51	ug/kg (dw)		4.7	AGV	9/5/2000	*35 to 65*
Dichlorodifluoromethane	34334		EPA 8260	Not Detected	ug/kg (dw)		4.7	AGV	9/5/2000	
Chloromethane	34421		EPA 8260	Not Detected	ug/kg (dw)		9.4	AGV	9/5/2000	
Bromomethane	34416		EPA 8260	Not Detected	ug/kg (dw)		9.4	AGV	9/5/2000	
Vinyl Chloride	34495		EPA 8260	Not Detected	ug/kg (dw)		1.9	AGV	9/5/2000	
Chloroethane	34314		EPA 8260	Not Detected	ug/kg (dw)		9.4	AGV	9/5/2000	
Methylene Chloride	34426		EPA 8260	Not Detected	ug/kg (dw)		4.7	AGV	9/5/2000	
Trichlorofluoromethane	34491		EPA 8260	Not Detected	ug/kg (dw)		4.7	AGV	9/5/2000	
Acetone	75059		EPA 8260	Not Detected	ug/kg (dw)		94	AGV	9/5/2000	
Dibromomethane	78756		EPA 8260	Not Detected	ug/kg (dw)		4.7	AGV	9/5/2000	
trans-1,2-Dichloroethene	34549		EPA 8260	Not Detected	ug/kg (dw)		4.7	AGV	9/5/2000	
Iodomethane	73121		EPA 8260	Not Detected	ug/kg (dw)		4.7	AGV	9/5/2000	
Carbon Disulfide	78544		EPA 8260	6.5	ug/kg (dw)		4.7	AGV	9/5/2000	
1,1-Dichloroethene	34504		EPA 8260	Not Detected	ug/kg (dw)		4.7	AGV	9/5/2000	
1,1-Dichloroethane	34499		EPA 8260	Not Detected	ug/kg (dw)		4.7	AGV	9/5/2000	
cis-1,2-Dichloroethene	77093		EPA 8260	Not Detected	ug/kg (dw)		4.7	AGV	9/5/2000	
2,2-Dichloropropane	77170		EPA 8260	Not Detected	ug/kg (dw)		4.7	AGV	9/5/2000	
Bromochloromethane	77297		EPA 8260	Not Detected	ug/kg (dw)		4.7	AGV	9/5/2000	
Chloroform	34318		EPA 8260	Not Detected	ug/kg (dw)		4.7	AGV	9/5/2000	
1,1-Dichloropropene	77168		EPA 8260	Not Detected	ug/kg (dw)		4.7	AGV	9/5/2000	
1,2-Dichloroethane	34534		EPA 8260	Not Detected	ug/kg (dw)		4.7	AGV	9/5/2000	
2-Butanone	75078		EPA 8260	Not Detected	ug/kg (dw)		94	AGV	9/5/2000	
1,1,1-Trichloroethane	34509		EPA 8260	Not Detected	ug/kg (dw)		4.7	AGV	9/5/2000	

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PQL: Practical Quantitation Limit
LSPC: result less than lower specification
USPC: result greater than upper specification
TIE: Tentatively Identified or Estimated
VIOL: Violation (result exceeds MCL)

Laboratory Contacts:

Inorganics:	Pat Sammons	Ext 5239
Metals:	Mark Tolbert	Ext 5240
Organics:	Danny Reed	Ext 5252
GC Mass Spec:	Steve Bryan	Ext 5260

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	PQL	ANALYST	ANALYSIS DATE	MCL or QC Range
Carbon Tetrachloride	34299		EPA 8260	Not Detected		ug/kg (dw)	4.7	AGV	9/5/2000	
Vinyl Acetate	78498		EPA 8260	Not Detected		ug/kg (dw)	47	AGV	9/5/2000	
Bromodichloromethane	34330		EPA 8260	Not Detected		ug/kg (dw)	4.7	AGV	9/5/2000	
1,2-Dichloropropane	34544		EPA 8260	Not Detected		ug/kg (dw)	4.7	AGV	9/5/2000	
Trichloroethene	34487		EPA 8260	Not Detected		ug/kg (dw)	4.7	AGV	9/5/2000	
Benzene	34237		EPA 8260	Not Detected		ug/kg (dw)	4.7	AGV	9/5/2000	
cis-1,3-Dichloropropene	34702		EPA 8260	Not Detected		ug/kg (dw)	4.7	AGV	9/5/2000	
trans-1,3-Dichloropropene	34697		EPA 8260	Not Detected		ug/kg (dw)	4.7	AGV	9/5/2000	
Dibromochloromethane	34309		EPA 8260	Not Detected		ug/kg (dw)	4.7	AGV	9/5/2000	
1,1,2-Trichloroethane	34514		EPA 8260	Not Detected		ug/kg (dw)	4.7	AGV	9/5/2000	
Bromoform	34290		EPA 8260	Not Detected		ug/kg (dw)	4.7	AGV	9/5/2000	
1,2,3-Trichloropropane	78490		EPA 8260	Not Detected		ug/kg (dw)	4.7	AGV	9/5/2000	
4-Methyl-2-Pentanone	75169		EPA 8260	Not Detected		ug/kg (dw)	47	AGV	9/5/2000	
2-Hexanone	75166		EPA 8260	Not Detected		ug/kg (dw)	47	AGV	9/5/2000	
Tetrachloroethene	34478		EPA 8260	Not Detected		ug/kg (dw)	4.7	AGV	9/5/2000	
1,3-Dichloropropane	77173		EPA 8260	Not Detected		ug/kg (dw)	4.7	AGV	9/5/2000	
1,1,2,2-Tetrachloroethane	34519		EPA 8260	Not Detected		ug/kg (dw)	4.7	AGV	9/5/2000	
Toluene	34483		EPA 8260	Not Detected		ug/kg (dw)	4.7	AGV	9/5/2000	
1,2-Dibromoethane	79749		EPA 8260	Not Detected		ug/kg (dw)	4.7	AGV	9/5/2000	
Chlorobenzene	34304		EPA 8260	Not Detected		ug/kg (dw)	4.7	AGV	9/5/2000	
Ethylbenzene	34374		EPA 8260	Not Detected		ug/kg (dw)	4.7	AGV	9/5/2000	
1,1,1,2-Tetrachloroethane			EPA 8260	Not Detected		ug/kg (dw)	4.7	AGV	9/5/2000	
Styrene	75192		EPA 8260	Not Detected		ug/kg (dw)	4.7	AGV	9/5/2000	
p,m-Xylene	45510		EPA 8260	Not Detected		ug/kg (dw)	9.4	AGV	9/5/2000	
o-Xylene	78362		EPA 8260	Not Detected		ug/kg (dw)	4.7	AGV	9/5/2000	
Isopropylbenzene	77223		EPA 8260	Not Detected		ug/kg (dw)	4.7	AGV	9/5/2000	
Bromobenzene	78491		EPA 8260	Not Detected		ug/kg (dw)	4.7	AGV	9/5/2000	
n-Propylbenzene	77224		EPA 8260	Not Detected		ug/kg (dw)	4.7	AGV	9/5/2000	
2-Chlorotoluene	77225		EPA 8260	Not Detected		ug/kg (dw)	4.7	AGV	9/5/2000	
1,3,5-Trimethylbenzene	77226		EPA 8260	Not Detected		ug/kg (dw)	4.7	AGV	9/5/2000	
4-Chlorotoluene	77277		EPA 8260	Not Detected.		ug/kg (dw)	4.7	AGV	9/5/2000	
tert-Butylbenzene	77353		EPA 8260	Not Detected		ug/kg (dw)	4.7	AGV	9/5/2000	
1,2,4-Trimethylbenzene	34554		EPA 8260	Not Detected		ug/kg (dw)	4.7	AGV	9/5/2000	
sec-Butylbenzene	77350		EPA 8260	Not Detected		ug/kg (dw)	4.7	AGV	9/5/2000	
1,3-Dichlorobenzene	34569		EPA 8260	Not Detected		ug/kg (dw)	4.7	AGV	9/5/2000	
p-Isopropyltoluene	77356		EPA 8260	Not Detected		ug/kg (dw)	4.7	AGV	9/5/2000	
1,4-Dichlorobenzene	34574		EPA 8260	Not Detected		ug/kg (dw)	4.7	AGV	9/5/2000	
n-Butylbenzene	77342		EPA 8260	Not Detected		ug/kg (dw)	4.7	AGV	9/5/2000	
1,2-Dichlorobenzene	34539		EPA 8260	Not Detected		ug/kg (dw)	4.7	AGV	9/5/2000	
1,2-Dibromo-3-chloropropane	99999		EPA 8260	Not Detected		ug/kg (dw)	4.7	AGV	9/5/2000	
1,2,4-Trichlorobenzene	34554		EPA 8260	Not Detected		ug/kg (dw)	4.7	AGV	9/5/2000	
Hexachlorobutadiene	39705		EPA 8260	Not Detected		ug/kg (dw)	4.7	AGV	9/5/2000	
Naphthalene	34445		EPA 8260	Not Detected		ug/kg (dw)	4.7	AGV	9/5/2000	
1,2,3-Trichlorobenzene	77613		EPA 8260	Not Detected		ug/kg (dw)	4.7	AGV	9/5/2000	
8270 Semi-Vol in Soil/Sed QC Batch 36842										
2-Fluorophenol(Surrogate QC Std.)			EPA 8270C	58		ug/kg (dw)	0.00	GJG	9/14/2000	*22 to 63*
Phenol-d5(Surrogate QC Std.)			EPA 8270C	68		ug/kg (dw)	0.00	GJG	9/14/2000	*18 to 73*
Nitrobenzene-d5(Surrogate QC Std.)			EPA 8270C	74		ug/kg (dw)	0.00	GJG	9/14/2000	*25 to 81*
2-Fluorobiphenyl(Surrogate QC Std.)			EPA 8270C	64		ug/kg (dw)	0.00	GJG	9/14/2000	*28 to 81*

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	PQL	ANALYST	ANALYSIS DATE	MCL or QC Range
2,4,6-Tribromophenol(Surrogate QC Std.)			EPA 8270C	66		ug/kg (dw)	0.00	GJG	9/14/2000	14 to 101
Terphenyl-d14(Surrogate QC Std.)			EPA 8270C	80		ug/kg (dw)	0.00	GJG	9/14/2000	44 to 92
n-Nitrosodimethylamine	34441		EPA 8270C	Not Detected		ug/kg (dw)	2300	GJG	9/14/2000	
2-Picoline	73310		EPA 8270C	Not Detected		ug/kg (dw)	2300	GJG	9/14/2000	
Methylmethanesulfonate	73119		EPA 8270C	Not Detected		ug/kg (dw)	2300	GJG	9/14/2000	
Ethylmethanesulfonate	73118		EPA 8270C	Not Detected		ug/kg (dw)	2300	GJG	9/14/2000	
Aniline	73185		EPA 8270C	Not Detected		ug/kg (dw)	2300	GJG	9/14/2000	
Phenol	34695		EPA 8270C	Not Detected		ug/kg (dw)	2300	GJG	9/14/2000	
bis(2-Chloroethyl)ether	34276		EPA 8270C	Not Detected		ug/kg (dw)	2300	GJG	9/14/2000	
2-Chlorophenol	34589		EPA 8270C	Not Detected		ug/kg (dw)	2300	GJG	9/14/2000	
1,3-Dichlorobenzene	34569		EPA 8270C	Not Detected		ug/kg (dw)	2300	GJG	9/14/2000	
1,4-Dichlorobenzene	34574		EPA 8270C	Not Detected		ug/kg (dw)	2300	GJG	9/14/2000	
Benzyl alcohol	75212		EPA 8270C	Not Detected		ug/kg (dw)	4600	GJG	9/14/2000	
1,2-Dichlorobenzene	34539		EPA 8270C	Not Detected		ug/kg (dw)	2300	GJG	9/14/2000	
2-Methylphenol			EPA 8270C	Not Detected		ug/kg (dw)	2300	GJG	9/14/2000	
bis(2-Chloroisopropyl)ether	34286		EPA 8270C	Not Detected		ug/kg (dw)	2300	GJG	9/14/2000	
Acetophenone	73272		EPA 8270C	Not Detected		ug/kg (dw)	2300	GJG	9/14/2000	
4-Methylphenol			EPA 8270C	Not Detected		ug/kg (dw)	2300	GJG	9/14/2000	
n-Nitroso-di-n-propylamine	34428		EPA 8270C	Not Detected		ug/kg (dw)	2300	GJG	9/14/2000	
Hexachloroethane	34399		EPA 8270C	Not Detected		ug/kg (dw)	2300	GJG	9/14/2000	
Nitrobenzene	34450		EPA 8270C	Not Detected		ug/kg (dw)	2300	GJG	9/14/2000	
n-Nitrosopiperidine	73129		EPA 8270C	Not Detected		ug/kg (dw)	2300	GJG	9/14/2000	
Isophorone	34411		EPA 8270C	Not Detected		ug/kg (dw)	2300	GJG	9/14/2000	
2-Nitrophenol	34594		EPA 8270C	Not Detected		ug/kg (dw)	2300	GJG	9/14/2000	
2,4-Dimethylphenol	34609		EPA 8270C	Not Detected		ug/kg (dw)	2300	GJG	9/14/2000	
bis(2-Chloroethoxy)methane	34281		EPA 8270C	Not Detected		ug/kg (dw)	2300	GJG	9/14/2000	
Benzoic acid	75315		EPA 8270C	Not Detected		ug/kg (dw)	12000	GJG	9/14/2000	
2,4-Dichlorophenol	34604		EPA 8270C	Not Detected		ug/kg (dw)	2300	GJG	9/14/2000	
1,2,4-Trichlorobenzene	34554		EPA 8270C	Not Detected		ug/kg (dw)	2300	GJG	9/14/2000	
aa-dimethyl-Phenethylamine	73136		EPA 8270C	Not Detected		ug/kg (dw)	2300	GJG	9/14/2000	
Naphthalene	34445		EPA 8270C	Not Detected		ug/kg (dw)	2300	GJG	9/14/2000	
4-Chloroaniline	78867		EPA 8270C	Not Detected		ug/kg (dw)	4600	GJG	9/14/2000	
2,6-Dichlorophenol	73122		EPA 8270C	Not Detected		ug/kg (dw)	2300	GJG	9/14/2000	
Hexachlorobutadiene	38705		EPA 8270C	Not Detected		ug/kg (dw)	2300	GJG	9/14/2000	
n-Nitroso-di-n-butylamine	73159		EPA 8270C	Not Detected		ug/kg (dw)	2300	GJG	9/14/2000	
4-Chloro-3-methylphenol	34455		EPA 8270C	Not Detected		ug/kg (dw)	4600	GJG	9/14/2000	
2-Methylnaphthalene	78868		EPA 8270C	Not Detected		ug/kg (dw)	2300	GJG	9/14/2000	
1,2,4,5-Tetrachlorobenzene	79787		EPA 8270C	Not Detected		ug/kg (dw)	2300	GJG	9/14/2000	
Hexachlorocyclopentadiene	34389		EPA 8270C	Not Detected		ug/kg (dw)	2300	GJG	9/14/2000	
2,4,6-Trichlorophenol	34624		EPA 8270C	Not Detected		ug/kg (dw)	2300	GJG	9/14/2000	
2,4,5-Trichlorophenol	78401		EPA 8270C	Not Detected		ug/kg (dw)	2300	GJG	9/14/2000	
2-Chloronaphthalene	34584		EPA 8270C	Not Detected		ug/kg (dw)	2300	GJG	9/14/2000	
1-Chloronaphthalene			EPA 8270C	Not Detected		ug/kg (dw)	2300	GJG	9/14/2000	
2-Nitroaniline	78299		EPA 8270C	Not Detected		ug/kg (dw)	12000	GJG	9/14/2000	
Dimethylphthalate	34344		EPA 8270C	Not Detected		ug/kg (dw)	2300	GJG	9/14/2000	
Acenaphthylene	34203		EPA 8270C	Not Detected		ug/kg (dw)	2300	GJG	9/14/2000	
2,6-Dinitrotoluene	34629		EPA 8270C	Not Detected		ug/kg (dw)	2300	GJG	9/14/2000	
3-Nitroaniline	78869		EPA 8270C	Not Detected		ug/kg (dw)	12000	GJG	9/14/2000	
Acenaphthene	34208		EPA 8270C	Not Detected		ug/kg (dw)	2300	GJG	9/14/2000	

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER	PQL	ANALYST	ANALYSIS DATE	MCL or QC Range
2,4-Dinitrophenol	34619		EPA 8270C	Not Detected	ug/kg (dw)		12000	GJG	9/14/2000	
4-Nitrophenol	34649		EPA 8270C	Not Detected	ug/kg (dw)		12000	GJG	9/14/2000	
Dibenzofuran	75647		EPA 8270C	Not Detected	ug/kg (dw)		2300	GJG	9/14/2000	
Pentachlorobenzene	79790		EPA 8270C	Not Detected	ug/kg (dw)		2300	GJG	9/14/2000	
2,4-Dinitrotoluene	34614		EPA 8270C	Not Detected	ug/kg (dw)		2300	GJG	9/14/2000	
1-Naphthylamine	73143		EPA 8270C	Not Detected	ug/kg (dw)		2300	GJG	9/14/2000	
2-Naphthylamine	73124		EPA 8270C	Not Detected	ug/kg (dw)		2300	GJG	9/14/2000	
2,3,4,6-Tetrachlorophenol			EPA 8270C	Not Detected	ug/kg (dw)		2300	GJG	9/14/2000	
Diethylphthalate	34339		EPA 8270C	Not Detected	ug/kg (dw)		2300	GJG	9/14/2000	
Fluorene	34384		EPA 8270C	Not Detected	ug/kg (dw)		2300	GJG	9/14/2000	
4-Chlorophenyl-phenylether	34644		EPA 8270C	Not Detected	ug/kg (dw)		2300	GJG	9/14/2000	
4-Nitroaniline	78870		EPA 8270C	Not Detected	ug/kg (dw)		2300	GJG	9/14/2000	
Diphenylamine			EPA 8270C	Not Detected	ug/kg (dw)		2300	GJG	9/14/2000	
4,6-Dinitro-2-methylphenol	34660		EPA 8270C	Not Detected	ug/kg (dw)		12000	GJG	9/14/2000	
n-Nitrosodiphenylamine	34436		EPA 8270C	Not Detected	ug/kg (dw)		2300	GJG	9/14/2000	
1,2-Diphenylhydrazine	34349		EPA 8270C	Not Detected	ug/kg (dw)		2300	GJG	9/14/2000	
4-Bromophenyl-phenylether	34639		EPA 8270C	Not Detected	ug/kg (dw)		2300	GJG	9/14/2000	
Phenacetin	73117		EPA 8270C	Not Detected	ug/kg (dw)		2300	GJG	9/14/2000	
Hexachlorobenzene	39701		EPA 8270C	Not Detected	ug/kg (dw)		2300	GJG	9/14/2000	
4-Aminobiphenyl	73125		EPA 8270C	Not Detected	ug/kg (dw)		2300	GJG	9/14/2000	
Pentachlorophenol	39061		EPA 8270C	Not Detected	ug/kg (dw)		12000	GJG	9/14/2000	
Pronamide	73031		EPA 8270C	Not Detected	ug/kg (dw)		2300	GJG	9/14/2000	
Pentachloronitrobenzene	81808		EPA 8270C	Not Detected	ug/kg (dw)		2300	GJG	9/14/2000	
Phenanthrene	34464		EPA 8270C	Not Detected	ug/kg (dw)		2300	GJG	9/14/2000	
Anthracene	34223		EPA 8270C	Not Detected	ug/kg (dw)		2300	GJG	9/14/2000	
Di-n-butylphthalate	39112		EPA 8270C	Not Detected	ug/kg (dw)		2300	GJG	9/14/2000	
Fluoranthene	34379		EPA 8270C	Not Detected	ug/kg (dw)		2300	GJG	9/14/2000	
Benzidine	39121		EPA 8270C	Not Detected	ug/kg (dw)		2300	GJG	9/14/2000	
Pyrene	34472		EPA 8270C	Not Detected	ug/kg (dw)		2300	GJG	9/14/2000	
p-Dimethylaminoazobenzene	73116		EPA 8270C	Not Detected	ug/kg (dw)		2300	GJG	9/14/2000	
Butylbenzylphthalate	34295		EPA 8270C	Not Detected	ug/kg (dw)		2300	GJG	9/14/2000	
Benzo[a]anthracene	34529		EPA 8270C	Not Detected	ug/kg (dw)		2300	GJG	9/14/2000	
3,3'-Dichlorobenzidine	34634		EPA 8270C	Not Detected	ug/kg (dw)		4600	GJG	9/14/2000	
Chyrsene	34323		EPA 8270C	Not Detected	ug/kg (dw)		2300	GJG	9/14/2000	
bis(2-Ethylhexyl)phthalate	39102		EPA 8270C	3300	ug/kg (dw)		2300	GJG	9/14/2000	
Di-n-octylphthalate	34599		EPA 8270C	Not Detected	ug/kg (dw)		2300	GJG	9/14/2000	
Benzo[b]fluoranthene	34233		EPA 8270C	Not Detected	ug/kg (dw)		2300	GJG	9/14/2000	
Benzo[k]fluoranthene	34245		EPA 8270C	Not Detected	ug/kg (dw)		2300	GJG	9/14/2000	
7,12-Dimethylbenz(a)anthracene	73115		EPA 8270C	Not Detected	ug/kg (dw)		2300	GJG	9/14/2000	
Benzo[a]pyrene	34250		EPA 8270C	Not Detected	ug/kg (dw)		2300	GJG	9/14/2000	
3-Methylcholanthrene	73156		EPA 8270C	Not Detected	ug/kg (dw)		2300	GJG	9/14/2000	
Dibenz(a,j)acridine			EPA 8270C	Not Detected	ug/kg (dw)		2300	GJG	9/14/2000	
Indeno[1,2,3-cd]pyrene	34406		EPA 8270C	Not Detected	ug/kg (dw)		2300	GJG	9/14/2000	
Dibenz[a,h]anthracene	34559		EPA 8270C	Not Detected	ug/kg (dw)		2300	GJG	9/14/2000	
Benzo[g,h,i]perylene	34524		EPA 8270C	Not Detected	ug/kg (dw)		2300	GJG	9/14/2000	
Pyridine	73312		EPA 8270C	Not Detected	ug/kg (dw)		2300	GJG	9/14/2000	
Alpha-BHC	39076		EPA 8270C	Not Detected	ug/kg (dw)		2300	GJG	9/14/2000	
Gamma-BHC	39343		EPA 8270C	Not Detected	ug/kg (dw)		2300	GJG	9/14/2000	
Beta-BHC	34257		EPA 8270C	Not Detected	ug/kg (dw)		2300	GJG	9/14/2000	

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VIOL: Violation (result exceeds MCL)

Laboratory Contacts:

Inorganics:	Pat Sammons	Ext 5239
Metals:	Mark Tolbert	Ext 5240
Organics:	Danny Reed	Ext 5252
GC Mass Spec:	Steve Bryan	Ext 5260

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	PQL	ANALYST	ANALYSIS DATE	MCL or QC Range
Delta-BHC	34262		EPA 8270C	Not Detected		ug/kg (dw)	2300	GJG	9/14/2000	
Heptachlor	39413		EPA 8270C	Not Detected		ug/kg (dw)	2300	GJG	9/14/2000	
Aldrin	39333		EPA 8270C	Not Detected		ug/kg (dw)	2300	GJG	9/14/2000	
Heptachlor Epoxide	39423		EPA 8270C	Not Detected		ug/kg (dw)	5800	GJG	9/14/2000	
Endosulfan 1	34364		EPA 8270C	Not Detected		ug/kg (dw)	12000	GJG	9/14/2000	
Dieldrin	39383		EPA 8270C	Not Detected		ug/kg (dw)	2300	GJG	9/14/2000	
p,p'-DDE	39321		EPA 8270C	Not Detected		ug/kg (dw)	2300	GJG	9/14/2000	
Endrin	39393		EPA 8270C	Not Detected		ug/kg (dw)	4600	GJG	9/14/2000	
Endosulfan 2	34359		EPA 8270C	Not Detected		ug/kg (dw)	12000	GJG	9/14/2000	
p,p'-DDD	39311		EPA 8270C	Not Detected		ug/kg (dw)	2300	GJG	9/14/2000	
Endrin Aldehyde	34369		EPA 8270C	Not Detected		ug/kg (dw)	2300	GJG	9/14/2000	
Endosulfan Sulfate	34354		EPA 8270C	Not Detected		ug/kg (dw)	5800	GJG	9/14/2000	
p,p'-DDT	39301		EPA 8270C	Not Detected		ug/kg (dw)	2300	GJG	9/14/2000	
1-Nonadecanol			EPA 8270C	20000	TIE	ug/kg (dw)	0.00	GJG	9/14/2000	
ICP Metals HW in Solids QC Batch 36308										
Silver	01078		EPA 6010B	Not Detected		mg/kg (dw)	1	PT	9/6/2000	
Arsenic	01003		EPA 6010B	9.9		mg/kg (dw)	8	PT	9/6/2000	
Barium	01008		EPA 6010B	42		mg/kg (dw)	1	PT	9/6/2000	
Cadmium	01028		EPA 6010B	Not Detected		mg/kg (dw)	1	PT	9/6/2000	
Chromium	01029		EPA 6010B	25		mg/kg (dw)	2	PT	9/6/2000	
Lead	01052		EPA 6010B	17		mg/kg (dw)	9	PT	9/6/2000	
Nickel	01068		EPA 6010B	6.1		mg/kg (dw)	2	PT	9/6/2000	
Selenium	01148		EPA 6010B	Not Detected		mg/kg (dw)	19	PT	9/6/2000	
Copper	01042		EPA 6010B	6.7		mg/kg (dw)	2	PT	9/6/2000	
QC Batch 36228										
Mercury			EPA 7471A	Not Detected		mg/kg (dw)	0.1	CN	9/7/2000	
Pesticides in Sediment/Soil QC Batch 36291										
TCMX surr std			EPA 8081A	6.45		ug/KG (dw)		PM	9/12/2000	*4.0 to 12*
DCB surr std			EPA 8081A	16.4		ug/KG (dw)		PM	9/12/2000	*8.0 to 24*
ALDRIN			EPA 8081A	Not Detected		ug/KG (dw)	3.5	PM	9/12/2000	
a-BHC			EPA 8081A	Not Detected		ug/KG (dw)	2.0	PM	9/12/2000	
b-BHC			EPA 8081A	Not Detected		ug/KG (dw)	3.0	PM	9/12/2000	
d-BHC			EPA 8081A	Not Detected		ug/KG (dw)	4.5	PM	9/12/2000	
LINDANE (g-BHC)			EPA 8081A	Not Detected		ug/KG (dw)	1.0	PM	9/12/2000	
CHLORDANE			EPA 8081A	Not Detected		ug/KG (dw)	50	PM	9/12/2000	
4,4-DDE			EPA 8081A	Not Detected		ug/KG (dw)	3.0	PM	9/12/2000	
4,4-DDD			EPA 8081A	Not Detected		ug/KG (dw)	7.5	PM	9/12/2000	
4,4-DDT			EPA 8081A	Not Detected		ug/KG (dw)	6.5	PM	9/12/2000	
DIELDRIN			EPA 8081A	Not Detected		ug/KG (dw)	2.0	PM	9/12/2000	
ENDOSULFAN I			EPA 8081A	Not Detected		ug/KG (dw)	5.0	PM	9/12/2000	
ENDOSULFAN II			EPA 8081A	Not Detected		ug/KG (dw)	7.5	PM	9/12/2000	
ENDOSULFAN SULFATE			EPA 8081A	Not Detected		ug/KG (dw)	8.0	PM	9/12/2000	
ENDRIN			EPA 8081A	Not Detected		ug/KG (dw)	7.5	PM	9/12/2000	
ENDRIN ALDEHYDE			EPA 8081A	Not Detected		ug/KG (dw)	3.5	PM	9/12/2000	
HEPTACHLOR			EPA 8081A	Not Detected		ug/KG (dw)	5.0	PM	9/12/2000	
HEPTACHLOR EPOXIDE			EPA 8081A	Not Detected		ug/KG (dw)	4.0	PM	9/12/2000	
TOXAPHENE			EPA 8081A	Not Detected		ug/KG (dw)	130	PM	9/12/2000	
CHLORPYRIFOS (DURSBAN)			EPA 8081A	Not Detected		ug/KG (dw)	5.0	PM	9/12/2000	

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Metals:	Mark Tolbert	Ext 5240
Organics:	Danny Reed	Ext 5252
GC Mass Spec:	Steve Bryan	Ext 5260

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER PQL	ANALYST	ANALYSIS DATE	MCL or QC Range
HEXACHLOROBENZENE			EPA 8081A	Not Detected	ug/KG (dw)	1.0	PM	9/12/2000	
METHOXYCHLOR			EPA 8081A	Not Detected	ug/KG (dw)	20	PM	9/12/2000	
MIREX			EPA 8081A	Not Detected	ug/KG (dw)	3.5	PM	9/12/2000	
PCBs in Sediments or Soils QC Batch 36497									
TCMX surr std			EPA 8082	6.45	ug/KG (dw)		PM	9/12/2000	*4.0 to 12.0*
DCBP surr std			EPA 8082	16.4	ug/KG (dw)		PM	9/12/2000	*8.0 to 24.0*
PCB-1016			EPA 8082	Not Detected	ug/KG (dw)	33	PM	9/12/2000	
PCB-1221			EPA 8082	Not Detected	ug/KG (dw)	33	PM	9/12/2000	
PCB-1232			EPA 8082	Not Detected	ug/KG (dw)	33	PM	9/12/2000	
PCB-1242			EPA 8082	Not Detected	ug/KG (dw)	33	PM	9/12/2000	
PCB-1248			EPA 8082	Not Detected	ug/KG (dw)	33	PM	9/12/2000	
PCB-1254			EPA 8082	Not Detected	ug/KG (dw)	33	PM	9/12/2000	
PCB-1260			EPA 8082	Not Detected	ug/KG (dw)	33	PM	9/12/2000	
PCB-1262			EPA 8082	Not Detected	ug/KG (dw)	33	PM	9/12/2000	
Phenoxy Herbicides in Sediment QC Batch 36515									
DCAA-surr QC std			EPA 8151A	96	ug/KG		BG	9/12/2000	*80 to 280*
2,4-D			EPA 8151A	Not Detected	ug/KG	20	BG	9/12/2000	
SILVEX (2,4,5-TP)			EPA 8151A	Not Detected	ug/KG	4	BG	9/12/2000	

COMMENTS: $8270S - Elevated Detection limits due to sample matrix

COMMENTS: $B_8260S -"B"- Blank had trace levels of Methylene Chloride due to lab contamination. 7-090700-239

ug/L: micrograms/liter	<: less than	**Laboratory Contacts:**		
mg/L: milligrams/liter	MCL: Maximum Contaminant Level			
mg/kg: milligrams/kilogram	PQL: Practical Quantitation Limit	Inorganics:	Pat Sammons	Ext 5239
ug/kg:	LSPC: result less than lower specification	Metals:	Mark Tolbert	Ext 5240
micrograms/kilogram	USPC: result greater than upper specification	Organics:	Danny Reed	Ext 5252
ug/g: micrograms/gram	TIE: Tentatively Identified or Estimated	GC Mass Spec:	Steve Bryan	Ext 5260
ppm: parts per million	VIOL: Violation (result exceeds MCL)			

REQUEST FOR LABORATORY ANALYSIS

#8 background

Location: Vienna Street Dump / Fort Valley

Collected By/Phone: James Sliwinski / (404) 656-2833

Date: 08/30/00 13:05

Submitted To Lab: 08/30/00

LAB LOG NUMBER: 8409

(Use separate Request Sheet for each sample point)

Sample ID AD02870
Location: HWMB
Description: HW8409 VIENNA ST.DUMP/FT VALL
Sample Collecto J.SLIWINSKI
Sample ID: AD02870

Analysis Needed By: Routine ✓ Other (specify) _____

Sample Description (check one)

Waste ____ Soil/Sediment ✓ Sludge ____
Ground Water ____ Surface Water ____ Drinking Water Well ____

Concentration of Organics Requested (estimated): High ____ Low ✓ Other (e.g., rinse blank - specify) _____

Describe Sample Including Source and Known Properties (e.g. pH, concentration):
Municipal and industrial dump site: metals, herbicides, pesticides, PCBs, semi-volatile and volatile organics - Background soil sample, upgradient

Applicable Hazardous Waste Codes (If known) _____

Special Precautions:

ANALYSIS REQUIRED

(Note: Totals will always be run first. A TCLP will subsequently be run only if the total value indicates a positive TCLP could results)

1. TOTAL ORGANICS		4 OZ. JARS	8 OZ. JARS	16 OZ. JARS	ENCORES
Semi-Volatiles (Acid & Base\Neutral)	✓				
Volatiles	✓				
Pesticides	✓				
Herbicides	✓				
Organophosphorous Pesticides					
PCB	✓				
BETX		1	2	1	4
Total Petroleum Hydrocarbon					

2. TOTAL METALS	
ICP Metals Scan (Ag,As,Ba,Cd,Cr,Ni,Pb,Se)	✓
Mercury	✓
Metals Special Requests:	

Organics Special Requests: _____

3. TCLP ORGANICS

Volatiles ____ Pesticides ____
Semi-Volatiles (Acid & Base/Neutral) ____ Herbicides ____
Additional Specific Organics for TCLP: _____

4. TCLP METALS ANALYSIS

TCLP Metals (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) ____ Additional Metals for TCLP: _____
Mercury ____

5. ADDITIONAL ANALYSIS REQUESTED (see list on back): _____

Reviewed By: (HWMB): _____ Date: _____ Reviewed By (EPD Lab): MWalker
Approved By:(HWMB): _____ Date: _____ Date (EPD Lab): 8/30/00

RECEIT TEMP 0.0 MNW

GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

455 14th Street NW, Atlanta, GA 30318-7900
(404) 206-5269

LABORATORY REPORT

TO: Georgia Env Protection Divison Hazardous Waste Mgmt Branch 205 Butler St SE Suite 1154E Atlanta, GA 30334	Date Collected: 8/30/2000 Time Collected: 13:05 Sample Collector: J.SLIWINSKI Chlorination: Sample Type:
Sample ID: AD02870 Facility Name: HW8409 VIENNA ST.DUMP/FT VALL Site ID: HWMB Location ID: Location Descr: HW8409 BACKGRND.SOIL UPGRADIENT	Received By: MW Date Received: 8/30/2000 Time Received: 5:36 PM Project: HW Reporting Date: 9/28/2000 Received Temperature: 0.0 °C

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER	PQL	ANALYST	ANALYSIS DATE	MCL or QC Range
8260 Volatiles in Soil/Sed. QC Batch 36498										
Dibromofluoromethane(Surrogate QC Std.)			EPA 8260	55	ug/kg (dw)		0.00	AGV	9/5/2000	*33 to 75*
Toluene-d8(Surrogate QC Std.)			EPA 8260	51	ug/kg (dw)		0.00	AGV	9/5/2000	*39 to 68*
Bromofluorobenzene(Surrogate QC Std.)			EPA 8260	47	ug/kg (dw)		0.00	AGV	9/5/2000	*25 to 60*
1,2-Dichloroethane-d4(Surrogate QC Std.)			EPA 8260	53	ug/kg (dw)		4.9	AGV	9/5/2000	*35 to 65*
Dichlorodifluoromethane	34334		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/5/2000	
Chloromethane	34421		EPA 8260	Not Detected	ug/kg (dw)		9.7	AGV	9/5/2000	
Bromomethane	34416		EPA 8260	Not Detected	ug/kg (dw)		9.7	AGV	9/5/2000	
Vinyl Chloride	34495		EPA 8260	Not Detected	ug/kg (dw)		1.9	AGV	9/5/2000	
Chloroethane	34314		EPA 8260	Not Detected	ug/kg (dw)		9.7	AGV	9/5/2000	
Methylene Chloride	34426		EPA 8260	Trace	ug/kg (dw)	B	4.9	AGV	9/5/2000	
Trichlorofluoromethane	34491		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/5/2000	
Acetone	75059		EPA 8260	Not Detected	ug/kg (dw)		97	AGV	9/5/2000	
Dibromomethane	78756		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/5/2000	
trans-1,2-Dichloroethene	34549		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/5/2000	
Iodomethane	73121		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/5/2000	
Carbon Disulfide	78544		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/5/2000	
1,1-Dichloroethene	34504		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/5/2000	
1,1-Dichloroethane	34499		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/5/2000	
cis-1,2-Dichloroethene	77093		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/5/2000	
2,2-Dichloropropane	77170		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/5/2000	
Bromochloromethane	77297		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/5/2000	
Chloroform	34318		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/5/2000	
1,1-Dichloropropene	77168		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/5/2000	
1,2-Dichloroethane	34534		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/5/2000	
2-Butanone	75078		EPA 8260	Not Detected	ug/kg (dw)		97	AGV	9/5/2000	
1,1,1-Trichloroethane	34509		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/5/2000	

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Carbon Tetrachloride	34299		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
Vinyl Acetate	78498		EPA 8260	Not Detected	ug/kg (dw)	48	AGV	9/5/2000	
Bromodichloromethane	34330		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
1,2-Dichloropropane	34544		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
Trichloroethene	34487		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
Benzene	34237		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
cis-1,3-Dichloropropene	34702		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
trans-1,3-Dichloropropene	34697		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
Dibromochloromethane	34309		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
1,1,2-Trichloroethane	34514		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
Bromoform	34290		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
1,2,3-Trichloropropane	78490		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
4-Methyl-2-Pentanone	75169		EPA 8260	Not Detected	ug/kg (dw)	48	AGV	9/5/2000	
2-Hexanone	75166		EPA 8260	Not Detected	ug/kg (dw)	48	AGV	9/5/2000	
Tetrachloroethene	34478		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
1,3-Dichloropropane	77173		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
1,1,2,2-Tetrachloroethane	34519		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
Toluene	34483		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
1,2-Dibromoethane	79749		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
Chlorobenzene	34304		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
Ethylbenzene	34374		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
1,1,1,2-Tetrachloroethane			EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
Styrene	75192		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
p,m-Xylene	45510		EPA 8260	Not Detected	ug/kg (dw)	9.7	AGV	9/5/2000	
o-Xylene	78362		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
Isopropylbenzene	77223		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
Bromobenzene	78491		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
n-Propylbenzene	77224		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
2-Chlorotoluene	77225		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
1,3,5-Trimethylbenzene	77226		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
4-Chlorotoluene	77277		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
tert-Butylbenzene	77353		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
1,2,4-Trimethylbenzene	34554		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
sec-Butylbenzene	77350		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
1,3-Dichlorobenzene	34569		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
p-Isopropyltoluene	77356		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
1,4-Dichlorobenzene	34574		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
n-Butylbenzene	77342		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
1,2-Dichlorobenzene	34539		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
1,2-Dibromo-3-chloropropane	99999		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
1,2,4-Trichlorobenzene	34554		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
Hexachlorobutadiene	39705		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
Naphthalene	34445		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
1,2,3-Trichlorobenzene	77613		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
8270 Semi-Vol in Soil/Sed QC Batch 36842									
2-Fluorophenol(Surrogate QC Std.)			EPA 8270C	45	ug/kg (dw)	0.00	GJG	9/14/2000	*22 to 63*
Phenol-d5(Surrogate QC Std.)			EPA 8270C	48	ug/kg (dw)	0.00	GJG	9/14/2000	*18 to 73*
Nitrobenzene-d5(Surrogate QC Std.)			EPA 8270C	52	ug/kg (dw)	0.00	GJG	9/14/2000	*25 to 81*
2-Fluorobiphenyl(Surrogate QC Std.)			EPA 8270C	47	ug/kg (dw)	0.00	GJG	9/14/2000	*28 to 81*

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GC Mass Spec:	Steve Bryan	Ext 5260

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2,4,6-Tribromophenol(Surrogate QC Std.)			EPA 8270C	45		ug/kg (dw)	0.00	GJG	9/14/2000	*14 to 101*
Terphenyl-d14(Surrogate QC Std.)			EPA 8270C	57		ug/kg (dw)	0.00	GJG	9/14/2000	*44 to 92*
n-Nitrosodimethylamine	34441		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/14/2000	
2-Picoline	73310		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/14/2000	
Methylmethanesulfonate	73119		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/14/2000	
Ethylmethanesulfonate	73118		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/14/2000	
Aniline	73185		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/14/2000	
Phenol	34695		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/14/2000	
bis(2-Chloroethyl)ether	34276		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/14/2000	
2-Chlorophenol	34589		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/14/2000	
1,3-Dichlorobenzene	34569		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/14/2000	
1,4-Dichlorobenzene	34574		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/14/2000	
Benzyl alcohol	75212		EPA 8270C	Not Detected		ug/kg (dw)	2200	GJG	9/14/2000	
1,2-Dichlorobenzene	34539		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/14/2000	
2-Methylphenol			EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/14/2000	
bis(2-Chloroisopropyl)ether	34286		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/14/2000	
Acetophenone	73272		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/14/2000	
4-Methylphenol			EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/14/2000	
n-Nitroso-di-n-propylamine	34428		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/14/2000	
Hexachloroethane	34399		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/14/2000	
Nitrobenzene	34450		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/14/2000	
n-Nitrosopiperidine	73129		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/14/2000	
Isophorone	34411		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/14/2000	
2-Nitrophenol	34594		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/14/2000	
2,4-Dimethylphenol	34609		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/14/2000	
bis(2-Chloroethoxy)methane	34281		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/14/2000	
Benzoic acid	75315		EPA 8270C	Not Detected		ug/kg (dw)	5500	GJG	9/14/2000	
2,4-Dichlorophenol	34604		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/14/2000	
1,2,4-Trichlorobenzene	34554		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/14/2000	
aa-dimethyl-Phenethylamine	73136		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/14/2000	
Naphthalene	34445		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/14/2000	
4-Chloroaniline	78867		EPA 8270C	Not Detected		ug/kg (dw)	2200	GJG	9/14/2000	
2,6-Dichlorophenol	73122		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/14/2000	
Hexachlorobutadiene	38705		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/14/2000	
n-Nitroso-di-n-butylamine	73159		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/14/2000	
4-Chloro-3-methylphenol	34455		EPA 8270C	Not Detected		ug/kg (dw)	2200	GJG	9/14/2000	
2-Methylnaphthalene	78868		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/14/2000	
1,2,4,5-Tetrachlorobenzene	79787		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/14/2000	
Hexachlorocyclopentadiene	34389		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/14/2000	
2,4,6-Trichlorophenol	34624		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/14/2000	
2,4,5-Trichlorophenol	78401		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/14/2000	
2-Chloronaphthalene	34584		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/14/2000	
1-Chloronaphthalene			EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/14/2000	
2-Nitroaniline	78299		EPA 8270C	Not Detected		ug/kg (dw)	5500	GJG	9/14/2000	
Dimethylphthalate	34344		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/14/2000	
Acenaphthylene	34203		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/14/2000	
2,6-Dinitrotoluene	34629		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/14/2000	
3-Nitroaniline	78869		EPA 8270C	Not Detected		ug/kg (dw)	5500	GJG	9/14/2000	
Acenaphthene	34208		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/14/2000	

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2,4-Dinitrophenol	34619		EPA 8270C	Not Detected	ug/kg (dw)	5500	GJG	9/14/2000	
4-Nitrophenol	34649		EPA 8270C	Not Detected	ug/kg (dw)	5500	GJG	9/14/2000	
Dibenzofuran	75647		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/14/2000	
Pentachlorobenzene	79790		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/14/2000	
2,4-Dinitrotoluene	34614		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/14/2000	
1-Naphthylamine	73143		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/14/2000	
2-Naphthylamine	73124		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/14/2000	
2,3,4,6-Tetrachlorophenol			EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/14/2000	
Diethylphthalate	34339		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/14/2000	
Fluorene	34384		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/14/2000	
4-Chlorophenyl-phenylether	34644		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/14/2000	
4-Nitroaniline	78870		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/14/2000	
Diphenylamine			EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/14/2000	
4,6-Dinitro-2-methylphenol	34660		EPA 8270C	Not Detected	ug/kg (dw)	5500	GJG	9/14/2000	
n-Nitrosodiphenylamine	34436		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/14/2000	
1,2-Diphenylhydrazine	34349		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/14/2000	
4-Bromophenyl-phenylether	34639		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/14/2000	
Phenacetin	73117		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/14/2000	
Hexachlorobenzene	39701		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/14/2000	
4-Aminobiphenyl	73125		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/14/2000	
Pentachlorophenol	39061		EPA 8270C	Not Detected	ug/kg (dw)	5500	GJG	9/14/2000	
Pronamide	73031		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/14/2000	
Pentachloronitrobenzene	81808		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/14/2000	
Phenanthrene	34464		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/14/2000	
Anthracene	34223		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/14/2000	
Di-n-butylphthalate	39112		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/14/2000	
Fluoranthene	34379		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/14/2000	
Benzidine	39121		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/14/2000	
Pyrene	34472		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/14/2000	
p-Dimethylaminoazobenzene	73116		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/14/2000	
Butylbenzylphthalate	34295		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/14/2000	
Benzo[a]anthracene	34529		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/14/2000	
3,3'-Dichlorobenzidine	34634		EPA 8270C	Not Detected	ug/kg (dw)	2200	GJG	9/14/2000	
Chrysene	34323		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/14/2000	
bis(2-Ethylhexyl)phthalate	39102		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/14/2000	
Di-n-octylphthalate	34599		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/14/2000	
Benzo[b]fluoranthene	34233		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/14/2000	
Benzo[k]fluoranthene	34245		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/14/2000	
7,12-Dimethylbenz(a)anthracene	73115		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/14/2000	
Benzo[a]pyrene	34250		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/14/2000	
3-Methylcholanthrene	73156		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/14/2000	
Dibenz(a,j)acridine			EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/14/2000	
Indeno[1,2,3-cd]pyrene	34406		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/14/2000	
Dibenz[a,h]anthracene	34559		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/14/2000	
Benzo[g,h,i]perylene	34524		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/14/2000	
Pyridine	73312		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/14/2000	
Alpha-BHC	39076		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/14/2000	
Gamma-BHC	39343		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/14/2000	
Beta-BHC	34257		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/14/2000	

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Delta-BHC	34262		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/14/2000	
Heptachlor	39413		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/14/2000	
Aldrin	39333		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/14/2000	
Heptachlor Epoxide	39423		EPA 8270C	Not Detected		ug/kg (dw)	2800	GJG	9/14/2000	
Endosulfan 1	34364		EPA 8270C	Not Detected		ug/kg (dw)	5500	GJG	9/14/2000	
Dieldrin	39383		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/14/2000	
p,p'-DDE	39321		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/14/2000	
Endrin	39393		EPA 8270C	Not Detected		ug/kg (dw)	2200	GJG	9/14/2000	
Endosulfan 2	34359		EPA 8270C	Not Detected		ug/kg (dw)	5500	GJG	9/14/2000	
p,p'-DDD	39311		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/14/2000	
Endrin Aldehyde	34369		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/14/2000	
Endosulfan Sulfate	34354		EPA 8270C	Not Detected		ug/kg (dw)	2800	GJG	9/14/2000	
p,p'-DDT	39301		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/14/2000	
1-Docosene			EPA 8270C	7000 TIE		ug/kg (dw)	0.00	GJG	9/14/2000	
1-Dotriacontanol			EPA 8270C	1700 TIE		ug/kg (dw)	0.00	GJG	9/14/2000	
ICP Metals HW in Solids QC Batch 36308										
Silver	01078		EPA 6010B	Not Detected		mg/kg (dw)	1	PT	9/6/2000	
Arsenic	01003		EPA 6010B	8.8		mg/kg (dw)	8	PT	9/6/2000	
Barium	01008		EPA 6010B	15		mg/kg (dw)	1	PT	9/6/2000	
Cadmium	01028		EPA 6010B	Not Detected		mg/kg (dw)	1	PT	9/6/2000	
Chromium	01029		EPA 6010B	41		mg/kg (dw)	2	PT	9/6/2000	
Lead	01052		EPA 6010B	14		mg/kg (dw)	9	PT	9/6/2000	
Nickel	01068		EPA 6010B	3.9		mg/kg (dw)	2	PT	9/6/2000	
Selenium	01148		EPA 6010B	Not Detected		mg/kg (dw)	19	PT	9/6/2000	
Copper	01042		EPA 6010B	5.9		mg/kg (dw)	2	PT	9/6/2000	
QC Batch 36228										
Mercury			EPA 7471A	Not Detected		mg/kg (dw)	0.1	CN	9/7/2000	
Pesticides in Sediment/Soil QC Batch 36291										
TCMX surr std			EPA 8081A	5.60		ug/KG (dw)		PM	9/8/2000	*4.0 to 12*
DCB surr std			EPA 8081A	13.9		ug/KG (dw)		PM	9/8/2000	*8.0 to 24*
ALDRIN			EPA 8081A	Not Detected		ug/KG (dw)	3.5	PM	9/8/2000	
a-BHC			EPA 8081A	Not Detected		ug/KG (dw)	2.0	PM	9/8/2000	
b-BHC			EPA 8081A	Not Detected		ug/KG (dw)	3.0	PM	9/8/2000	
d-BHC			EPA 8081A	Not Detected		ug/KG (dw)	4.5	PM	9/8/2000	
LINDANE (g-BHC)			EPA 8081A	Not Detected		ug/KG (dw)	1.0	PM	9/8/2000	
CHLORDANE			EPA 8081A	Not Detected		ug/KG (dw)	50	PM	9/8/2000	
4,4-DDE			EPA 8081A	Not Detected		ug/KG (dw)	3.0	PM	9/8/2000	
4,4-DDD			EPA 8081A	Not Detected		ug/KG (dw)	7.5	PM	9/8/2000	
4,4-DDT			EPA 8081A	Not Detected		ug/KG (dw)	6.5	PM	9/8/2000	
DIELDRIN			EPA 8081A	Not Detected		ug/KG (dw)	2.0	PM	9/8/2000	
ENDOSULFAN I			EPA 8081A	Not Detected		ug/KG (dw)	5.0	PM	9/8/2000	
ENDOSULFAN II			EPA 8081A	Not Detected		ug/KG (dw)	7.5	PM	9/8/2000	
ENDOSULFAN SULFATE			EPA 8081A	Not Detected		ug/KG (dw)	8.0	PM	9/8/2000	
ENDRIN			EPA 8081A	Not Detected		ug/KG (dw)	7.5	PM	9/8/2000	
ENDRIN ALDEHYDE			EPA 8081A	Not Detected		ug/KG (dw)	3.5	PM	9/8/2000	
HEPTACHLOR			EPA 8081A	Not Detected		ug/KG (dw)	5.0	PM	9/8/2000	
HEPTACHLOR EPOXIDE			EPA 8081A	Not Detected		ug/KG (dw)	4.0	PM	9/8/2000	
TOXAPHENE			EPA 8081A	Not Detected		ug/KG (dw)	130	PM	9/8/2000	

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CHLORPYRIFOS (DURSBAN)			EPA 8081A	Not Detected	ug/KG (dw)	5.0	PM	9/8/2000	
HEXACHLOROBENZENE			EPA 8081A	Not Detected	ug/KG (dw)	1.0	PM	9/8/2000	
METHOXYCHLOR			EPA 8081A	Not Detected	ug/KG (dw)	20	PM	9/8/2000	
MIREX			EPA 8081A	7.7	ug/KG (dw)	3.5	PM	9/8/2000	
PCBs in Sediments or Soils QC Batch 36497									
TCMX surr std			EPA 8082	5.60	ug/KG (dw)		PM	9/8/2000	*4.0 to 12.0*
DCBP surr std			EPA 8082	13.9	ug/KG (dw)		PM	9/8/2000	*8.0 to 24.0*
PCB-1016			EPA 8082	Not Detected	ug/KG (dw)	33	PM	9/8/2000	
PCB-1221			EPA 8082	Not Detected	ug/KG (dw)	33	PM	9/8/2000	
PCB-1232			EPA 8082	Not Detected	ug/KG (dw)	33	PM	9/8/2000	
PCB-1242			EPA 8082	Not Detected	ug/KG (dw)	33	PM	9/8/2000	
PCB-1248			EPA 8082	Not Detected	ug/KG (dw)	33	PM	9/8/2000	
PCB-1254			EPA 8082	Not Detected	ug/KG (dw)	33	PM	9/8/2000	
PCB-1260			EPA 8082	Not Detected	ug/KG (dw)	33	PM	9/8/2000	
PCB-1262			EPA 8082	Not Detected	ug/KG (dw)	33	PM	9/8/2000	
Phenoxy Herbicides in Sediment QC Batch 36515									
DCAA-surr QC std			EPA 8151A	83	ug/KG		BG	9/12/2000	*80 to 280*
2,4-D			EPA 8151A	Not Detected	ug/KG	20	BG	9/12/2000	
SILVEX (2,4,5-TP)			EPA 8151A	Not Detected	ug/KG	4	BG	9/12/2000	

COMMENTS: $8260S -"B"- Blank had trace levels of Methylene Chloride due to lab contamination. 7-090700-239

ug/L: micrograms/liter	< less than	**Laboratory Contacts:**		
mg/L: milligrams/liter	MCL: Maximum Contaminant Level			
mg/kg: milligrams/kilogram	PQL: Practical Quantitation Limit	Inorganics:	Pat Sammons	Ext 5239
ug/kg: micrograms/kilogram	LSPC: result less than lower specification	Metals:	Mark Tolbert	Ext 5240
ug/g: micrograms/gram	USPC: result greater than upper specification	Organics:	Danny Reed	Ext 5252
ppm: parts per million	TIE: Tentatively Identified or Estimated	GC Mass Spec:	Steve Bryan	Ext 5260
	VIOL: Violation (result exceeds MCL)			

REQUEST FOR LABORATORY ANALYSIS

13
4-8

cation: Vienna Street Dump / Fort Valley

ed By/Phone: James Sliwinski / (404) 656-2833

ate: 08/30/00 8:15

itted To Lab: 08/30/00

LOG NUMBER: 8414

(parate Request Sheet for each sample point)

Sample ID AD02872
Location: HWMB
Description: HW8414 VIENNA ST.DUMP/FT VALL
Sample Collecto J.SLIWINSKI
Sample ID: AD02872

ysis Needed By: Routine ✓ Other (specify) _____

mple Description (check one)

Waste ____ Soil/Sediment ✓ Sludge ____
Ground Water ____ Surface Water ____ Drinking Water Well ____

Concentration of Organics Requested (estimated): High ___ Low ✓ Other (e.g., rinse blank - specify) _____

Describe Sample Including Source and Known Properties (e.g. pH, concentration):
Municipal and industrial dump site : metals, herbicides, pesticides, PCBs, semi-volatile and volatile organics. Subsurface soil at the middle portion

Applicable Hazardous Waste Codes (If known) _____ _____ _____

Special Precautions:

ANALYSIS REQUIRED

(Note: Totals will always be run first. A TCLP will subsequently be run only if the total value indicates a positive TCLP could results)

1. TOTAL ORGANICS		4 OZ. JARS	8 OZ. JARS	16 OZ. JARS	ENCORES
Semi-Volatiles (Acid & Base\Neutral)	✓				
Volatiles	✓				
Pesticides	✓				
Herbicides	✓				
Organophosphorous Pesticides					
PCB	✓				
BETX		1	2	1	4
Total Petroleum Hydrocarbon					

2. TOTAL METALS
ICP Metals Scan (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) ✓
Mercury ✓
Metals Special Requests: _____

Organics Special Requests: _____

3. TCLP ORGANICS

Volatiles ____ Pesticides ____
Semi-Volatiles (Acid & Base/Neutral) ____ Herbicides ____
Additional Specific Organics for TCLP: _____

4. TCLP METALS ANALYSIS

TCLP Metals (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) ____ Additional Metals for TCLP: _____
Mercury ____

5. ADDITIONAL ANALYSIS REQUESTED (see list on back): _____

Reviewed By: (HWMB): _____ Date: _____ Reviewed By (EPD Lab): M. WALKER
Approved By:(HWMB): _____ Date: _____ Date (EPD Lab): 8/30/00

MNW

RECPT TEMP 0.0°

GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

455 14th Street NW, Atlanta, GA 30318-7900
(404) 206-5269

LABORATORY REPORT

TO: Georgia Env Protection Divison Hazardous Waste Mgmt Branch 205 Butler St SE Suite 1154E Atlanta, GA 30334	Date Collected: 8/30/2000 Time Collected: 8:15 Sample Collector: J.SLIWINSKI Chlorination: Sample Type:
Sample ID: AD02872 Facility Name: HW8414 VIENNA ST.DUMP/FT VALL Site ID: HWMB Location ID: Location Descr: HW8414 SURFACE SOIL@MID POINT	Received By: MW Date Received: 8/30/2000 Time Received: 5:36 PM Project: HW Reporting Date: 9/28/2000 Received Temperature: 0.0 °C

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER PQL	ANALYST	ANALYSIS DATE	MCL or QC Range
8260 Volatiles in Soil/Sed. QC Batch 36498									
Dibromofluoromethane(Surrogate QC Std.)			EPA 8260	55	ug/kg (dw)	0.00	AGV	9/5/2000	*33 to 75*
Toluene-d8(Surrogate QC Std.)			EPA 8260	57	ug/kg (dw)	0.00	AGV	9/5/2000	*39 to 68*
Bromofluorobenzene(Surrogate QC Std.)			EPA 8260	41	ug/kg (dw)	0.00	AGV	9/5/2000	*25 to 60*
1,2-Dichloroethane-d4(Surrogate QC Std.)			EPA 8260	52	ug/kg (dw)	4.9	AGV	9/5/2000	*35 to 65*
Dichlorodifluoromethane	34334		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
Chloromethane	34421		EPA 8260	Not Detected	ug/kg (dw)	9.8	AGV	9/5/2000	
Bromomethane	34416		EPA 8260	Not Detected	ug/kg (dw)	9.8	AGV	9/5/2000	
Vinyl Chloride	34495		EPA 8260	Not Detected	ug/kg (dw)	2.0	AGV	9/5/2000	
Chloroethane	34314		EPA 8260	Not Detected	ug/kg (dw)	9.8	AGV	9/5/2000	
Methylene Chloride	34426		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
Trichlorofluoromethane	34491		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
Acetone	75059		EPA 8260	Trace	ug/kg (dw)	98	AGV	9/5/2000	
Dibromomethane	78756		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
trans-1,2-Dichloroethene	34549		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
Iodomethane	73121		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
Carbon Disulfide	78544		EPA 8260	Trace	ug/kg (dw)	4.9	AGV	9/5/2000	
1,1-Dichloroethene	34504		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
1,1-Dichloroethane	34499		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
cis-1,2-Dichloroethene	77093		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
2,2-Dichloropropane	77170		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
Bromochloromethane	77297		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
Chloroform	34318		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
1,1-Dichloropropene	77168		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
1,2-Dichloroethane	34534		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
2-Butanone	75078		EPA 8260	Not Detected	ug/kg (dw)	98	AGV	9/5/2000	
1,1,1-Trichloroethane	34509		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	

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mg/L: milligrams/liter
mg/kg: milligrams/kilogram
ug/kg: micrograms/kilogram
ug/g: micrograms/gram
ppm: parts per million

<: less than
MCL: Maximum Contaminant Level
PQL: Practical Quantitation Limit
LSPC: result less than lower specification
USPC: result greater than upper specification
TIE: Tentatively Identified or Estimated
VIOL: Violation (result exceeds MCL)

Laboratory Contacts:

Inorganics:	Pat Sammons	Ext 5239
Metals:	Mark Tolbert	Ext 5240
Organics:	Danny Reed	Ext 5252
GC Mass Spec:	Steve Bryan	Ext 5260

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER	PQL	ANALYST	ANALYSIS DATE	MCL or QC Range
Carbon Tetrachloride	34299		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/5/2000	
Vinyl Acetate	78498		EPA 8260	Not Detected	ug/kg (dw)		49	AGV	9/5/2000	
Bromodichloromethane	34330		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/5/2000	
1,2-Dichloropropane	34544		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/5/2000	
Trichloroethene	34487		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/5/2000	
Benzene	34237		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/5/2000	
cis-1,3-Dichloropropene	34702		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/5/2000	
trans-1,3-Dichloropropene	34697		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/5/2000	
Dibromochloromethane	34309		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/5/2000	
1,1,2-Trichloroethane	34514		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/5/2000	
Bromoform	34290		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/5/2000	
1,2,3-Trichloropropane	78490		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/5/2000	
4-Methyl-2-Pentanone	75169		EPA 8260	Not Detected	ug/kg (dw)		49	AGV	9/5/2000	
2-Hexanone	75166		EPA 8260	Not Detected	ug/kg (dw)		49	AGV	9/5/2000	
Tetrachloroethene	34478		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/5/2000	
1,3-Dichloropropane	77173		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/5/2000	
1,1,2,2-Tetrachloroethane	34519		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/5/2000	
Toluene	34483		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/5/2000	
1,2-Dibromoethane	79749		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/5/2000	
Chlorobenzene	34304		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/5/2000	
Ethylbenzene	34374		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/5/2000	
1,1,1,2-Tetrachloroethane			EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/5/2000	
Styrene	75192		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/5/2000	
p,m-Xylene	45510		EPA 8260	Not Detected	ug/kg (dw)		9.8	AGV	9/5/2000	
o-Xylene	78362		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/5/2000	
Isopropylbenzene	77223		EPA 8260	Not Detected	ug/kg (dw)	J	4.9	AGV	9/5/2000	
Bromobenzene	78491		EPA 8260	Not Detected	ug/kg (dw)	J	4.9	AGV	9/5/2000	
n-Propylbenzene	77224		EPA 8260	Not Detected	ug/kg (dw)	J	4.9	AGV	9/5/2000	
2-Chlorotoluene	77225		EPA 8260	Not Detected	ug/kg (dw)	J	4.9	AGV	9/5/2000	
1,3,5-Trimethylbenzene	77226		EPA 8260	Not Detected	ug/kg (dw)	J	4.9	AGV	9/5/2000	
4-Chlorotoluene	77277		EPA 8260	Not Detected	ug/kg (dw)	J	4.9	AGV	9/5/2000	
tert-Butylbenzene	77353		EPA 8260	Not Detected	ug/kg (dw)	J	4.9	AGV	9/5/2000	
1,2,4-Trimethylbenzene	34554		EPA 8260	Not Detected	ug/kg (dw)	J	4.9	AGV	9/5/2000	
sec-Butylbenzene	77350		EPA 8260	Not Detected	ug/kg (dw)	J	4.9	AGV	9/5/2000	
1,3-Dichlorobenzene	34569		EPA 8260	Not Detected	ug/kg (dw)	J	4.9	AGV	9/5/2000	
p-Isopropyltoluene	77356		EPA 8260	Not Detected	ug/kg (dw)	J	4.9	AGV	9/5/2000	
1,4-Dichlorobenzene	34574		EPA 8260	Not Detected	ug/kg (dw)	J	4.9	AGV	9/5/2000	
n-Butylbenzene	77342		EPA 8260	Not Detected	ug/kg (dw)	J	4.9	AGV	9/5/2000	
1,2-Dichlorobenzene	34539		EPA 8260	Not Detected	ug/kg (dw)	J	4.9	AGV	9/5/2000	
1,2-Dibromo-3-chloropropane	99999		EPA 8260	Not Detected	ug/kg (dw)	J	4.9	AGV	9/5/2000	
1,2,4-Trichlorobenzene	34554		EPA 8260	Not Detected	ug/kg (dw)	J	4.9	AGV	9/5/2000	
Hexachlorobutadiene	39705		EPA 8260	Not Detected	ug/kg (dw)	J	4.9	AGV	9/5/2000	
Naphthalene	34445		EPA 8260	Not Detected	ug/kg (dw)	J	4.9	AGV	9/5/2000	
1,2,3-Trichlorobenzene	77613		EPA 8260	Not Detected	ug/kg (dw)	J	4.9	AGV	9/5/2000	
8270 Semi-Vol in Soil/Sed QC Batch 36842										
2-Fluorophenol(Surrogate QC Std.)			EPA 8270C	50	ug/kg (dw)		0.00	GJG	9/15/2000	*22 to 63*
Phenol-d5(Surrogate QC Std.)			EPA 8270C	55	ug/kg (dw)		0.00	GJG	9/15/2000	*18 to 73*
Nitrobenzene-d5(Surrogate QC Std.)			EPA 8270C	61	ug/kg (dw)		0.00	GJG	9/15/2000	*25 to 81*
2-Fluorobiphenyl(Surrogate QC Std.)			EPA 8270C	58	ug/kg (dw)		0.00	GJG	9/15/2000	*28 to 81*

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ppm: parts per million

<: less than
MCL: Maximum Contaminant Level
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TIE: Tentatively Identified or Estimated
VIOL: Violation (result exceeds MCL)

Laboratory Contacts:

Inorganics:	Pat Sammons	Ext 5239
Metals:	Mark Tolbert	Ext 5240
Organics:	Danny Reed	Ext 5252
GC Mass Spec:	Steve Bryan	Ext 5260

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	PQL	ANALYST	ANALYSIS DATE	MCL or QC Range
2,4,6-Tribromophenol(Surrogate QC Std.)			EPA 8270C	60		ug/kg (dw)	0.00	GJG	9/15/2000	14 to 101
Terphenyl-d14(Surrogate QC Std.)			EPA 8270C	74		ug/kg (dw)	0.00	GJG	9/15/2000	44 to 92
n-Nitrosodimethylamine	34441		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
2-Picoline	73310		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Methylmethanesulfonate	73119		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Ethylmethanesulfonate	73118		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Aniline	73185		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Phenol	34695		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
bis(2-Chloroethyl)ether	34276		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
2-Chlorophenol	34589		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
1,3-Dichlorobenzene	34569		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
1,4-Dichlorobenzene	34574		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Benzyl alcohol	75212		EPA 8270C	Not Detected		ug/kg (dw)	2200	GJG	9/15/2000	
1,2-Dichlorobenzene	34539		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
2-Methylphenol			EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
bis(2-Chloroisopropyl)ether	34286		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Acetophenone	73272		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
4-Methylphenol			EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
n-Nitroso-di-n-propylamine	34428		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Hexachloroethane	34399		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Nitrobenzene	34450		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
n-Nitrosopiperidine	73129		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Isophorone	34411		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
2-Nitrophenol	34594		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
2,4-Dimethylphenol	34609		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
bis(2-Chloroethoxy)methane	34281		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Benzoic acid	75315		EPA 8270C	Not Detected		ug/kg (dw)	5500	GJG	9/15/2000	
2,4-Dichlorophenol	34604		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
1,2,4-Trichlorobenzene	34554		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
aa-dimethyl-Phenethylamine	73136		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Naphthalene	34445		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
4-Chloroaniline	78867		EPA 8270C	Not Detected		ug/kg (dw)	2200	GJG	9/15/2000	
2,6-Dichlorophenol	73122		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Hexachlorobutadiene	38705		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
n-Nitroso-di-n-butylamine	73159		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
4-Chloro-3-methylphenol	34455		EPA 8270C	Not Detected		ug/kg (dw)	2200	GJG	9/15/2000	
2-Methylnaphthalene	78868		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
1,2,4,5-Tetrachlorobenzene	79787		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Hexachlorocyclopentadiene	34389		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
2,4,6-Trichlorophenol	34624		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
2,4,5-Trichlorophenol	78401		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
2-Chloronaphthalene	34584		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
1-Chloronaphthalene			EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
2-Nitroaniline	78299		EPA 8270C	Not Detected		ug/kg (dw)	5500	GJG	9/15/2000	
Dimethylphthalate	34344		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Acenaphthylene	34203		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
2,6-Dinitrotoluene	34629		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
3-Nitroaniline	78869		EPA 8270C	Not Detected		ug/kg (dw)	5500	GJG	9/15/2000	
Acenaphthene	34208		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	

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Laboratory Contacts:

Inorganics:	Pat Sammons	Ext 5239
Metals:	Mark Tolbert	Ext 5240
Organics:	Danny Reed	Ext 5252
GC Mass Spec:	Steve Bryan	Ext 5260

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER	PQL	ANALYST	ANALYSIS DATE	MCL or QC Range
2,4-Dinitrophenol	34619		EPA 8270C	Not Detected	ug/kg (dw)		5500	GJG	9/15/2000	
4-Nitrophenol	34649		EPA 8270C	Not Detected	ug/kg (dw)		5500	GJG	9/15/2000	
Dibenzofuran	75647		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Pentachlorobenzene	79790		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
2,4-Dinitrotoluene	34614		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
1-Naphthylamine	73143		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
2-Naphthylamine	73124		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
2,3,4,6-Tetrachlorophenol			EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Diethylphthalate	34339		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Fluorene	34384		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
4-Chlorophenyl-phenylether	34644		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
4-Nitroaniline	78870		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Diphenylamine			EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
4,6-Dinitro-2-methylphenol	34660		EPA 8270C	Not Detected	ug/kg (dw)		5500	GJG	9/15/2000	
n-Nitrosodiphenylamine	34436		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
1,2-Diphenylhydrazine	34349		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
4-Bromophenyl-phenylether	34639		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Phenacetin	73117		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Hexachlorobenzene	39701		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
4-Aminobiphenyl	73125		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Pentachlorophenol	39061		EPA 8270C	Not Detected	ug/kg (dw)		5500	GJG	9/15/2000	
Pronamide	73031		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Pentachloronitrobenzene	81808		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Phenanthrene	34464		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Anthracene	34223		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Di-n-butylphthalate	39112		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Fluoranthene	34379		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Benzidine	39121		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Pyrene	34472		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
p-Dimethylaminoazobenzene	73116		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Butylbenzylphthalate	34295		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Benzo[a]anthracene	34529		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
3,3'-Dichlorobenzidine	34634		EPA 8270C	Not Detected	ug/kg (dw)		2200	GJG	9/15/2000	
Chyrsene	34323		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
bis(2-Ethylhexyl)phthalate	39102		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Di-n-octylphthalate	34599		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Benzo[b]fluoranthene	34233		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Benzo[k]fluoranthene	34245		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
7,12-Dimethylbenz(a)anthracene	73115		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Benzo[a]pyrene	34250		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
3-Methylcholanthrene	73156		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Dibenz(a,j)acridine			EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Indeno[1,2,3-cd]pyrene	34406		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Dibenz[a,h]anthracene	34559		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Benzo[g,h,i]perylene	34524		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Pyridine	73312		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Alpha-BHC	39076		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Gamma-BHC	39343		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Beta-BHC	34257		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	

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Organics:	Danny Reed	Ext 5252
GC Mass Spec:	Steve Bryan	Ext 5260

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	PQL	ANALYST	ANALYSIS DATE	MCL or QC Range
Delta-BHC	34262		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Heptachlor	39413		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Aldrin	39333		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Heptachlor Epoxide	39423		EPA 8270C	Not Detected		ug/kg (dw)	2800	GJG	9/15/2000	
Endosulfan 1	34364		EPA 8270C	Not Detected		ug/kg (dw)	5500	GJG	9/15/2000	
Dieldrin	39383		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
p,p'-DDE	39321		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Endrin	39393		EPA 8270C	Not Detected		ug/kg (dw)	2200	GJG	9/15/2000	
Endosulfan 2	34359		EPA 8270C	Not Detected		ug/kg (dw)	5500	GJG	9/15/2000	
p,p'-DDD	39311		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Endrin Aldehyde	34369		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Endosulfan Sulfate	34354		EPA 8270C	Not Detected		ug/kg (dw)	2800	GJG	9/15/2000	
p,p'-DDT	39301		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
1-Octadecanol			EPA 8270C	7200 TIE		ug/kg (dw)	0.00	GJG	9/15/2000	
ICP Metals HW in Solids QC Batch 36308										
Silver	01078		EPA 6010B	Not Detected		mg/kg (dw)	1	PT	9/6/2000	
Arsenic	01003		EPA 6010B	Not Detected		mg/kg (dw)	8	PT	9/6/2000	
Barium	01008		EPA 6010B	39		mg/kg (dw)	1	PT	9/6/2000	
Cadmium	01028		EPA 6010B	Not Detected		mg/kg (dw)	1	PT	9/6/2000	
Chromium	01029		EPA 6010B	24		mg/kg (dw)	2	PT	9/6/2000	
Lead	01052		EPA 6010B	18		mg/kg (dw)	9	PT	9/6/2000	
Nickel	01068		EPA 6010B	4.9		mg/kg (dw)	2	PT	9/6/2000	
Selenium	01148		EPA 6010B	Not Detected		mg/kg (dw)	19	PT	9/6/2000	
Copper	01042		EPA 6010B	6.3		mg/kg (dw)	2	PT	9/6/2000	
QC Batch 36228										
Mercury			EPA 7471A	Not Detected		mg/kg (dw)	0.1	CN	9/7/2000	
Pesticides in Sediment/Soil QC Batch 36291										
TCMX surr std			EPA 8081A	5.75		ug/KG (dw)		PM	9/12/2000	*4.0 to 12*
DCB surr std			EPA 8081A	13.1		ug/KG (dw)		PM	9/12/2000	*8.0 to 24*
ALDRIN			EPA 8081A	Not Detected		ug/KG (dw)	3.5	PM	9/12/2000	
a-BHC			EPA 8081A	Not Detected		ug/KG (dw)	2.0	PM	9/12/2000	
b-BHC			EPA 8081A	Not Detected		ug/KG (dw)	3.0	PM	9/12/2000	
d-BHC			EPA 8081A	Not Detected		ug/KG (dw)	4.5	PM	9/12/2000	
LINDANE (g-BHC)			EPA 8081A	Not Detected		ug/KG (dw)	1.0	PM	9/12/2000	
CHLORDANE			EPA 8081A	59	J	ug/KG (dw)	50	PM	9/12/2000	
4,4-DDE			EPA 8081A	36		ug/KG (dw)	3.0	PM	9/12/2000	
4,4-DDD			EPA 8081A	27		ug/KG (dw)	7.5	PM	9/12/2000	
4,4-DDT			EPA 8081A	Not Detected		ug/KG (dw)	6.5	PM	9/12/2000	
DIELDRIN			EPA 8081A	Not Detected		ug/KG (dw)	2.0	PM	9/12/2000	
ENDOSULFAN I			EPA 8081A	Not Detected		ug/KG (dw)	5.0	PM	9/12/2000	
ENDOSULFAN II			EPA 8081A	Not Detected		ug/KG (dw)	7.5	PM	9/12/2000	
ENDOSULFAN SULFATE			EPA 8081A	Not Detected		ug/KG (dw)	8.0	PM	9/12/2000	
ENDRIN			EPA 8081A	Not Detected		ug/KG (dw)	7.5	PM	9/12/2000	
ENDRIN ALDEHYDE			EPA 8081A	Not Detected		ug/KG (dw)	3.5	PM	9/12/2000	
HEPTACHLOR			EPA 8081A	Not Detected		ug/KG (dw)	5.0	PM	9/12/2000	
HEPTACHLOR EPOXIDE			EPA 8081A	Not Detected		ug/KG (dw)	4.0	PM	9/12/2000	
TOXAPHENE			EPA 8081A	Not Detected		ug/KG (dw)	130	PM	9/12/2000	
CHLORPYRIFOS (DURSBAN)			EPA 8081A	Not Detected		ug/KG (dw)	5.0	PM	9/12/2000	

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	PQL	ANALYST	ANALYSIS DATE	MCL or QC Range
HEXACHLOROBENZENE			EPA 8081A	Not Detected		ug/KG (dw)	1.0	PM	9/12/2000	
METHOXYCHLOR			EPA 8081A	Not Detected		ug/KG (dw)	20	PM	9/12/2000	
MIREX			EPA 8081A	Not Detected		ug/KG (dw)	3.5	PM	9/12/2000	
PCBs in Sediments or Soils QC Batch 36497										
TCMX surr std			EPA 8082	5.75		ug/KG (dw)		PM	9/12/2000	*4.0 to 12.0*
DCBP surr std			EPA 8082	13.1		ug/KG (dw)		PM	9/12/2000	*8.0 to 24.0*
PCB-1016			EPA 8082	Not Detected		ug/KG (dw)	33	PM	9/12/2000	
PCB-1221			EPA 8082	Not Detected		ug/KG (dw)	33	PM	9/12/2000	
PCB-1232			EPA 8082	Not Detected		ug/KG (dw)	33	PM	9/12/2000	
PCB-1242			EPA 8082	Not Detected		ug/KG (dw)	33	PM	9/12/2000	
PCB-1248			EPA 8082	Not Detected		ug/KG (dw)	33	PM	9/12/2000	
PCB-1254			EPA 8082	Not Detected		ug/KG (dw)	33	PM	9/12/2000	
PCB-1260			EPA 8082	Not Detected		ug/KG (dw)	33	PM	9/12/2000	
PCB-1262			EPA 8082	Not Detected		ug/KG (dw)	33	PM	9/12/2000	
Phenoxy Herbicides in Sediment QC Batch 36515										
DCAA-surr QC std			EPA 8151A	148		ug/KG		BG	9/12/2000	*80 to 280*
2,4-D			EPA 8151A	Not Detected		ug/KG	20	BG	9/12/2000	
SILVEX (2,4,5-TP)			EPA 8151A	Not Detected		ug/KG	4	BG	9/12/2000	

COMMENTS: $8081S - J qualifier denotes estimated results. Chlordane estimated due to weathering effects resulting in peak ratios being varied from the standard.

COMMENTS: $8260S - "J" - Sample had one internal standard, 1,4-Dichlorobenzene-d4 (42% response, limits 50-200%) fall outside acceptable response limits due to matrix interferences. LCS results were within acceptable control limits. 7-090700-239

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REQUEST FOR LABORATORY ANALYSIS

#1
0-1"

ation: Vienna Street Dump / Fort Valley

ed By/Phone: James Sliwinski / (404) 656-2833

ate: 08/30/00 9:40

itted To Lab: 08/30/00

LOG NUMBER: 8402

(separate Request Sheet for each sample point)

Sample ID AD02866
Location: HWMB
Description: HW8402 VIENNA ST.DUMP/FT V
Sample Collecto J.SLIWINSKI
Sample ID: AD02866

Aysis Needed By: Routine ✓ Other (specify) _____

ample Description (check one)

Waste ____ Soil/Sediment ✓ Sludge ____
Ground Water ____ Surface Water ____ Drinking Water Well ____

Concentration of Organics Requested (estimated): High ___ Low ✓ Other (e.g., rinse blank - specify) _____

Describe Sample Including Source and Known Properties (e.g. pH, concentration):
Municipal and industrial dump site: metals, herbicides, pesticides, PCBs, semi-volatile and volatile organics. Soil at Indian Oaks playground.

Applicable Hazardous Waste Codes (If known) _____ _____ _____

Special Precautions:

ANALYSIS REQUIRED

(Note: Totals will always be run first. A TCLP will subsequently be run only if the total value indicates a positive TCLP could results)

1. TOTAL ORGANICS

		4 OZ. JARS	8 OZ. JARS	16 OZ. JARS	ENCORES
Semi-Volatiles (Acid & Base\Neutral)	✓				
Volatiles	✓				
Pesticides	✓				
Herbicides	✓				
Organophosphorous Pesticides					
PCB	✓				
BETX					
Total Petroleum Hydrocarbon		1	2	1	1

TOTAL METALS

ICP Metals Scan (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) ✓
Mercury ✓
Metals Special Requests: _____

Organics Special Requests: _____

3. TCLP ORGANICS

Volatiles ____ Pesticides ____
Semi-Volatiles (Acid & Base/Neutral) ____ Herbicides ____
Additional Specific Organics for TCLP: _____

4. TCLP METALS ANALYSIS

TCLP Metals (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) ____ Additional Metals for TCLP: _____
Mercury ____

5. ADDITIONAL ANALYSIS REQUESTED (see list on back): _____

Reviewed By: (HWMB): _____ Date: _____ Reviewed By (EPD Lab): M. Walsh
Approved By:(HWMB): _____ Date: _____ Date (EPD Lab): 8/30/00

RECPT TEMP 0.0°, MNW

GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

455 14th Street NW, Atlanta, GA 30318-7900
(404) 206-5269

LABORATORY REPORT

TO: Georgia Env Protection Divison Hazardous Waste Mgmt Branch 205 Butler St SE Suite 1154E Atlanta, GA 30334	Date Collected: 8/30/2000 Time Collected: 9:40 Sample Collector: J.SLIWINSKI Chlorination: Sample Type:
Sample ID: AD02866 Facility Name: HW8402 VIENNA ST.DUMP/FT VALL Site ID: HWMB Location ID: Location Descr: HW8402 SOIL@INDIAN OAKS PLAYGRN	Received By: MW Date Received: 8/30/2000 Time Received: 5:36 PM Project: HW Reporting Date: 10/5/2000 Received Temperature: 0.0 °C

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER	PQL	ANALYST	ANALYSIS DATE	MCL or QC Range
8260 Volatiles in Soil/Sed. QC Batch 36498										
Dibromofluoromethane(Surrogate QC Std.)			EPA 8260	53	ug/kg (dw)		0.00	AGV	9/5/2000	33 to 75
Toluene-d8(Surrogate QC Std.)			EPA 8260	49	ug/kg (dw)		0.00	AGV	9/5/2000	39 to 68
Bromofluorobenzene(Surrogate QC Std.)			EPA 8260	50	ug/kg (dw)		0.00	AGV	9/5/2000	25 to 60
1,2-Dichloroethane-d4(Surrogate QC Std.)			EPA 8260	51	ug/kg (dw)		4.9	AGV	9/5/2000	35 to 65
Dichlorodifluoromethane	34334		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/5/2000	
Chloromethane	34421		EPA 8260	Not Detected	ug/kg (dw)		9.7	AGV	9/5/2000	
Bromomethane	34416		EPA 8260	Not Detected	ug/kg (dw)		9.7	AGV	9/5/2000	
Vinyl Chloride	34495		EPA 8260	Not Detected	ug/kg (dw)		1.9	AGV	9/5/2000	
Chloroethane	34314		EPA 8260	Not Detected	ug/kg (dw)		9.7	AGV	9/5/2000	
Methylene Chloride	34426		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/5/2000	
Trichlorofluoromethane	34491		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/5/2000	
Acetone	75059		EPA 8260	Not Detected	ug/kg (dw)		97	AGV	9/5/2000	
Dibromomethane	78756		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/5/2000	
trans-1,2-Dichloroethene	34549		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/5/2000	
Iodomethane	73121		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/5/2000	
Carbon Disulfide	78544		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/5/2000	
1,1-Dichloroethene	34504		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/5/2000	
1,1-Dichloroethane	34499		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/5/2000	
cis-1,2-Dichloroethene	77093		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/5/2000	
2,2-Dichloropropane	77170		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/5/2000	
Bromochloromethane	77297		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/5/2000	
Chloroform	34318		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/5/2000	
1,1-Dichloropropene	77168		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/5/2000	
1,2-Dichloroethane	34534		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/5/2000	
2-Butanone	75078		EPA 8260	Not Detected	ug/kg (dw)		97	AGV	9/5/2000	
1,1,1-Trichloroethane	34509		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/5/2000	
Carbon Tetrachloride	34299		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/5/2000	

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER PQL	ANALYST	ANALYSIS DATE	MCL or QC Range
Vinyl Acetate	78498		EPA 8260	Not Detected	ug/kg (dw)	48	AGV	9/5/2000	
Bromodichloromethane	34330		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
1,2-Dichloropropane	34544		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
Trichloroethene	34487		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
Benzene	34237		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
cis-1,3-Dichloropropene	34702		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
trans-1,3-Dichloropropene	34697		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
Dibromochloromethane	34309		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
1,1,2-Trichloroethane	34514		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
Bromoform	34290		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
1,2,3-Trichloropropane	78490		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
4-Methyl-2-Pentanone	75169		EPA 8260	Not Detected	ug/kg (dw)	48	AGV	9/5/2000	
2-Hexanone	75166		EPA 8260	Not Detected	ug/kg (dw)	48	AGV	9/5/2000	
Tetrachloroethene	34478		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
1,3-Dichloropropane	77173		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
1,1,2,2-Tetrachloroethane	34519		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
Toluene	34483		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
1,2-Dibromoethane	79749		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
Chlorobenzene	34304		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
Ethylbenzene	34374		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
1,1,1,2-Tetrachloroethane			EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
Styrene	75192		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
p,m-Xylene	45510		EPA 8260	Not Detected	ug/kg (dw)	9.7	AGV	9/5/2000	
o-Xylene	78362		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
Isopropylbenzene	77223		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
Bromobenzene	78491		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
n-Propylbenzene	77224		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
2-Chlorotoluene	77225		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
1,3,5-Trimethylbenzene	77226		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
4-Chlorotoluene	77277		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
tert-Butylbenzene	77353		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
1,2,4-Trimethylbenzene	34554		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
sec-Butylbenzene	77350		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
1,3-Dichlorobenzene	34569		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
p-Isopropyltoluene	77356		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
1,4-Dichlorobenzene	34574		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
n-Butylbenzene	77342		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
1,2-Dichlorobenzene	34539		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
1,2-Dibromo-3-chloropropane	99999		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
1,2,4-Trichlorobenzene	34554		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
Hexachlorobutadiene	39705		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
Naphthalene	34445		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
1,2,3-Trichlorobenzene	77613		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
8270 Semi-Vol in Soil/Sed QC Batch 36842									
2-Fluorophenol(Surrogate QC Std.)		U	EPA 8270C	65	ug/kg (dw)	0.00	GJG	9/15/2000	*22 to 63*
Phenol-d5(Surrogate QC Std.)		U	EPA 8270C	76	ug/kg (dw)	0.00	GJG	9/15/2000	*18 to 73*
Nitrobenzene-d5(Surrogate QC Std.)			EPA 8270C	77	ug/kg (dw)	0.00	GJG	9/15/2000	*25 to 81*
2-Fluorobiphenyl(Surrogate QC Std.)			EPA 8270C	78	ug/kg (dw)	0.00	GJG	9/15/2000	*28 to 81*
2,4,6-Tribromophenol(Surrogate QC Std.)			EPA 8270C	97	ug/kg (dw)	0.00	GJG	9/15/2000	*14 to 101*
Terphenyl-d14(Surrogate QC Std.)		U	EPA 8270C	98	ug/kg (dw)	0.00	GJG	9/15/2000	*44 to 92*
n-Nitrosodimethylamine	34441		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	PQL	ANALYST	ANALYSIS DATE	MCL or QC Range
2-Picoline	73310		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Methylmethanesulfonate	73119		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Ethylmethanesulfonate	73118		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Aniline	73185		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Phenol	34695		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
bis(2-Chloroethyl)ether	34276		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
2-Chlorophenol	34589		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
1,3-Dichlorobenzene	34569		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
1,4-Dichlorobenzene	34574		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Benzyl alcohol	75212		EPA 8270C	Not Detected		ug/kg (dw)	2200	GJG	9/15/2000	
1,2-Dichlorobenzene	34539		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
2-Methylphenol			EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
bis(2-Chloroisopropyl)ether	34286		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Acetophenone	73272		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
4-Methylphenol			EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
n-Nitroso-di-n-propylamine	34428		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Hexachloroethane	34399		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Nitrobenzene	34450		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
n-Nitrosopiperidine	73129		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Isophorone	34411		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
2-Nitrophenol	34594		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
2,4-Dimethylphenol	34609		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
bis(2-Chloroethoxy)methane	34281		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Benzoic acid	75315		EPA 8270C	Not Detected		ug/kg (dw)	5700	GJG	9/15/2000	
2,4-Dichlorophenol	34604		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
1,2,4-Trichlorobenzene	34554		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
aa-dimethyl-Phenethylamine	73136		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Naphthalene	34445		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
4-Chloroaniline	78867		EPA 8270C	Not Detected		ug/kg (dw)	2200	GJG	9/15/2000	
2,6-Dichlorophenol	73122		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Hexachlorobutadiene	38705		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
n-Nitroso-di-n-butylamine	73159		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
4-Chloro-3-methylphenol	34455		EPA 8270C	Not Detected		ug/kg (dw)	2200	GJG	9/15/2000	
2-Methylnaphthalene	78868		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
1,2,4,5-Tetrachlorobenzene	79787		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Hexachlorocyclopentadiene	34389		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
2,4,6-Trichlorophenol	34624		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
2,4,5-Trichlorophenol	78401		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
2-Chloronaphthalene	34584		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
1-Chloronaphthalene			EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
2-Nitroaniline	78299		EPA 8270C	Not Detected		ug/kg (dw)	5700	GJG	9/15/2000	
Dimethylphthalate	34344		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Acenaphthylene	34203		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
2,6-Dinitrotoluene	34629		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
3-Nitroaniline	78869		EPA 8270C	Not Detected		ug/kg (dw)	5700	GJG	9/15/2000	
Acenaphthene	34208		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
2,4-Dinitrophenol	34619		EPA 8270C	Not Detected		ug/kg (dw)	5700	GJG	9/15/2000	
4-Nitrophenol	34649		EPA 8270C	Not Detected		ug/kg (dw)	5700	GJG	9/15/2000	
Dibenzofuran	75647		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Pentachlorobenzene	79790		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
2,4-Dinitrotoluene	34614		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER	PQL	ANALYST	ANALYSIS DATE	MCL or QC Range
1-Naphthylamine	73143		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
2-Naphthylamine	73124		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
2,3,4,6-Tetrachlorophenol			EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Diethylphthalate	34339		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Fluorene	34384		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
4-Chlorophenyl-phenylether	34644		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
4-Nitroaniline	78870		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Diphenylamine			EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
4,6-Dinitro-2-methylphenol	34660		EPA 8270C	Not Detected	ug/kg (dw)		5700	GJG	9/15/2000	
n-Nitrosodiphenylamine	34436		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
1,2-Diphenylhydrazine	34349		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
4-Bromophenyl-phenylether	34639		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Phenacetin	73117		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Hexachlorobenzene	39701		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
4-Aminobiphenyl	73125		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Pentachlorophenol	39061		EPA 8270C	Not Detected	ug/kg (dw)		5700	GJG	9/15/2000	
Pronamide	73031		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Pentachloronitrobenzene	81808		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Phenanthrene	34464		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Anthracene	34223		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Di-n-butylphthalate	39112		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Fluoranthene	34379		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Benzidine	39121		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Pyrene	34472		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
p-Dimethylaminoazobenzene	73116		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Butylbenzylphthalate	34295		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Benzo[a]anthracene	34529		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
3,3'-Dichlorobenzidine	34634		EPA 8270C	Not Detected	ug/kg (dw)		2200	GJG	9/15/2000	
Chyrsene	34323		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
bis(2-Ethylhexyl)phthalate	39102		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Di-n-octylphthalate	34599		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Benzo[b]fluoranthene	34233		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Benzo[k]fluoranthene	34245		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
7,12-Dimethylbenz(a)anthracene	73115		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Benzo[a]pyrene	34250		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
3-Methylcholanthrene	73156		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Dibenz(a,j)acridine			EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Indeno[1,2,3-cd]pyrene	34406		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Dibenz[a,h]anthracene	34559		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Benzo[g,h,i]perylene	34524		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Pyridine	73312		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Alpha-BHC	39076		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Gamma-BHC	39343		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Beta-BHC	34257		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Delta-BHC	34262		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Heptachlor	39413		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Aldrin	39333		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Heptachlor Epoxide	39423		EPA 8270C	Not Detected	ug/kg (dw)		2800	GJG	9/15/2000	
Endosulfan 1	34364		EPA 8270C	Not Detected	ug/kg (dw)		5700	GJG	9/15/2000	
Dieldrin	39383		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
p,p'-DDE	39321		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	

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Endrin	39393		EPA 8270C	Not Detected		ug/kg (dw)	2300	GJG	9/15/2000	
Endosulfan 2	34359		EPA 8270C	Not Detected		ug/kg (dw)	5700	GJG	9/15/2000	
p,p'-DDD	39311		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Endrin Aldehyde	34369		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Endosulfan Sulfate	34354		EPA 8270C	Not Detected		ug/kg (dw)	2800	GJG	9/15/2000	
p,p'-DDT	39301		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Hexadecanoic acid			EPA 8270C	1600 TIE		ug/kg (dw)		GJG	9/15/2000	
1-Octadecanol			EPA 8270C	11000 TIE		ug/kg (dw)		GJG	9/15/2000	
ICP Metals HW in Solids QC Batch 36308										
Silver	01078		EPA 6010B	Not Detected		mg/kg (dw)	1	PT	9/6/2000	
Arsenic	01003		EPA 6010B	Not Detected		mg/kg (dw)	8	PT	9/6/2000	
Barium	01008		EPA 6010B	61		mg/kg (dw)	1	PT	9/6/2000	
Cadmium	01028		EPA 6010B	Not Detected		mg/kg (dw)	1	PT	9/6/2000	
Chromium	01029		EPA 6010B	12		mg/kg (dw)	2	PT	9/6/2000	
Lead	01052		EPA 6010B	16		mg/kg (dw)	9	PT	9/6/2000	
Nickel	01068		EPA 6010B	4.2		mg/kg (dw)	2	PT	9/6/2000	
Selenium	01148		EPA 6010B	Not Detected		mg/kg (dw)	19	PT	9/6/2000	
Copper	01042		EPA 6010B	3.4		mg/kg (dw)	2	PT	9/6/2000	
QC Batch 36228										
Mercury			EPA 7471A	Not Detected		mg/kg (dw)	0.1	CN	9/7/2000	
Pesticides in Sediment/Soil QC Batch 36291										
TCMX surr std			EPA 8081A	6.45		ug/KG (dw)		PM	9/13/2000	*4.0 to 12*
DCB surr std			EPA 8081A	12.8		ug/KG (dw)		PM	9/13/2000	*8.0 to 24*
ALDRIN			EPA 8081A	Not Detected		ug/KG (dw)	3.5	PM	9/13/2000	
a-BHC			EPA 8081A	Not Detected		ug/KG (dw)	2.0	PM	9/13/2000	
b-BHC			EPA 8081A	Not Detected		ug/KG (dw)	3.0	PM	9/13/2000	
d-BHC			EPA 8081A	Not Detected		ug/KG (dw)	4.5	PM	9/13/2000	
LINDANE (g-BHC)			EPA 8081A	Not Detected		ug/KG (dw)	1.0	PM	9/13/2000	
CHLORDANE			EPA 8081A	Not Detected		ug/KG (dw)	50	PM	9/13/2000	
4,4-DDE			EPA 8081A	74	D	ug/KG (dw)	30	PM	9/13/2000	
4,4-DDD			EPA 8081A	Not Detected		ug/KG (dw)	7.5	PM	9/13/2000	
4,4-DDT			EPA 8081A	23		ug/KG (dw)	6.5	PM	9/13/2000	
DIELDRIN			EPA 8081A	Not Detected		ug/KG (dw)	2.0	PM	9/13/2000	
ENDOSULFAN I			EPA 8081A	Not Detected		ug/KG (dw)	5.0	PM	9/13/2000	
ENDOSULFAN II			EPA 8081A	Not Detected		ug/KG (dw)	7.5	PM	9/13/2000	
ENDOSULFAN SULFATE			EPA 8081A	Not Detected		ug/KG (dw)	8.0	PM	9/13/2000	
ENDRIN			EPA 8081A	Not Detected		ug/KG (dw)	7.5	PM	9/13/2000	
ENDRIN ALDEHYDE			EPA 8081A	Not Detected		ug/KG (dw)	3.5	PM	9/13/2000	
HEPTACHLOR			EPA 8081A	Not Detected		ug/KG (dw)	5.0	PM	9/13/2000	
HEPTACHLOR EPOXIDE			EPA 8081A	Not Detected		ug/KG (dw)	4.0	PM	9/13/2000	
TOXAPHENE			EPA 8081A	3500	J,D	ug/KG (dw)	1300	PM	9/13/2000	
CHLORPYRIFOS (DURSBAN)			EPA 8081A	Not Detected		ug/KG (dw)	5.0	PM	9/13/2000	
HEXACHLOROBENZENE			EPA 8081A	Not Detected		ug/KG (dw)	1.0	PM	9/13/2000	
METHOXYCHLOR			EPA 8081A	Not Detected		ug/KG (dw)	20	PM	9/13/2000	
MIREX			EPA 8081A	13		ug/KG (dw)	3.5	PM	9/13/2000	
PCBs in Sediments or Soils QC Batch 36497										
TCMX surr std			EPA 8082	6.45		ug/KG (dw)		PM	9/12/2000	*4.0 to 12.0*
DCBP surr std			EPA 8082	12.8		ug/KG (dw)		PM	9/12/2000	*8.0 to 24.0*
PCB-1016			EPA 8082	Not Detected		ug/KG (dw)	33	PM	9/12/2000	
PCB-1221			EPA 8082	Not Detected		ug/KG (dw)	33	PM	9/12/2000	

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PQL: Practical Quantitation Limit
LSPC: result less than lower specification
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Metals:	Mark Tolbert	Ext 5240
Organics:	Danny Reed	Ext 5252
GC Mass Spec:	Steve Bryan	Ext 5260

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	PQL	ANALYST	ANALYSIS DATE	MCL or QC Range
PCB-1232			EPA 8082	Not Detected		ug/KG (dw)	33	PM	9/12/2000	
PCB-1242			EPA 8082	Not Detected		ug/KG (dw)	33	PM	9/12/2000	
PCB-1248			EPA 8082	Not Detected		ug/KG (dw)	33	PM	9/12/2000	
PCB-1254			EPA 8082	Not Detected		ug/KG (dw)	33	PM	9/12/2000	
PCB-1260			EPA 8082	Not Detected		ug/KG (dw)	33	PM	9/12/2000	
PCB-1262			EPA 8082	Not Detected		ug/KG (dw)	33	PM	9/12/2000	
Phenoxy Herbicides in Sediment QC Batch 36515										
DCAA-surr QC std			EPA 8151A	174		ug/KG		BG	9/12/2000	*80 to 280*
2,4-D			EPA 8151A	Not Detected		ug/KG	20	BG	9/12/2000	
SILVEX (2,4,5-TP)			EPA 8151A	Not Detected		ug/KG	4	BG	9/12/2000	

COMMENTS: $8081S - D qualifier denotes results based on dilution run on 9/13/00. 4,4-DDE and Toxaphene required 10X dilution for analysis. PQLs for these analytes adjusted accordingly.
$8081S - J qualifier denotes estimated results. Toxaphene estimated due to weathering effects resulting in peak ratios varied from the standard.

COMMENTS: $8151B - Herbicides in Sediments - The recoveries for both 2,4-D (33.4%) and Silvex (19.6%) in the MS are below the acceptable QC range (Range = 50-140%) and the precision for 2,4-D is out of the acceptable QC limit at 64.1% (Limit = 50%) due to matrix interferences. Recoveries and precision for the LCS/LCSD are all within the acceptable QC ranges (1-091300-485).

COMMENTS: $8270S - Sample had three surrogate compounds, 2-Fluorophenol (65% recovery, limits 22-63%), Phenol-d5 (76% recovery, limits 18-73%), and Terphenyl-d14 (98% recovery, limits 44-92%) with recoveries outside acceptable control limits due to matrix interferences. LCS results were within acceptable control limits 7-091900-255

COMMENTS: $P_8081S : 4,4-DDD recovery for MS 0% (range 50 - 150%) and "Not Detected" in MSD (no precision calculated - limit = 35%) due to matrix interferences. LCS/LCSD were in control. 1-092000-498

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GC Mass Spec:	Steve Bryan	Ext 5260

REQUEST FOR LABORATORY ANALYSIS

(15)

ocation: Vienna Street Dump / Fort Valley

cted By/Phone: James Sliwinski / (404) 656-2833

Date: 08/30/00 10:45

mitted To Lab: 08/30/00

Sample ID AD02873
Location: HWMB
Description: HW8416 VIENNA ST.DUMP/FT VALL
Sample Collecto J.SLIWINSKI
Sample ID: AD02873

B LOG NUMBER: 8416
(separate Request Sheet for each sample point)

talysis Needed By: Routine ✓ Other (specify) _____

Sample Description (check one)

Waste ____ Soil/Sediment ✓ Sludge ____
Ground Water ____ Surface Water ____ Drinking Water Well ____

Concentration of Organics Requested (estimated): High ____ Low ✓ Other (e.g., rinse blank - specify) _____

Describe Sample Including Source and Known Properties (e.g. pH, concentration):
Municipal and industrial dump site: metals, herbicides, pesticides, PCBs, semi-volatile and volatile organics. Sample at the eastern portion

Applicable Hazardous Waste Codes (If known) _____ _____ _____

Special Precautions:

ANALYSIS REQUIRED

(Note: Totals will always be run first. A TCLP will subsequently be run only if the total value indicates a positive TCLP could results)

1. TOTAL ORGANICS		4 OZ. JARS	8 OZ. JARS	16 OZ. JARS	ENCORES
Semi-Volatiles (Acid & Base\Neutral)	✓				
Volatiles	✓				
Pesticides	✓				
Herbicides	✓				
Organophosphorous Pesticides					
PCB	✓				
BETX		1	2	1	4
Total Petroleum Hydrocarbon					

2. TOTAL METALS
ICP Metals Scan (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) ✓
Mercury ✓
Metals Special Requests: _____

Organics Special Requests: _____

3. TCLP ORGANICS

Volatiles ____ Pesticides ____
Semi-Volatiles (Acid & Base/Neutral) ____ Herbicides ____
Additional Specific Organics for TCLP: _____

4. TCLP METALS ANALYSIS

TCLP Metals (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) ____ Additional Metals for TCLP: _____
Mercury ____

5. ADDITIONAL ANALYSIS REQUESTED (see list on back): _____

Reviewed By: (HWMB): _____ Date: _____ Reviewed By (EPD Lab): M. Walker
Approved By:(HWMB): _____ Date: _____ Date (EPD Lab): 8/30/00

MNW

RECPT TEMP 20

GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

455 14th Street NW, Atlanta, GA 30318-7900
(404) 206-5269

LABORATORY REPORT

TO: Georgia Env Protection Divison Hazardous Waste Mgmt Branch 205 Butler St SE Suite 1154E Atlanta, GA 30334	Date Collected: 8/30/2000 Time Collected: 10:45 Sample Collector: J.SLIWINSKI Chlorination: Sample Type:
Sample ID: AD02873 Facility Name: HW8416 VIENNA ST.DUMP/FT VALL Site ID: HWMB Location ID: Location Descr: HW8416 SOIL@EASTERN PORTION	Received By: MW Date Received: 8/30/2000 Time Received: 5:36 PM Project: HW Reporting Date: 10/5/2000 Received Temperature: 0.0 °C

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER	PQL	ANALYST	ANALYSIS DATE	MCL or QC Range
8260 Volatiles in Soil/Sed. QC Batch 36498										
Dibromofluoromethane(Surrogate QC Std.)			EPA 8260	51	ug/kg (dw)		0.00	AGV	9/5/2000	*33 to 75*
Toluene-d8(Surrogate QC Std.)			EPA 8260	52	ug/kg (dw)		0.00	AGV	9/5/2000	*39 to 68*
Bromofluorobenzene(Surrogate QC Std.)			EPA 8260	46	ug/kg (dw)		0.00	AGV	9/5/2000	*25 to 60*
1,2-Dichloroethane-d4(Surrogate QC Std.)			EPA 8260	49	ug/kg (dw)		5.1	AGV	9/5/2000	*35 to 65*
Dichlorodifluoromethane	34334		EPA 8260	Not Detected	ug/kg (dw)		5.1	AGV	9/5/2000	
Chloromethane	34421		EPA 8260	Not Detected	ug/kg (dw)		10	AGV	9/5/2000	
Bromomethane	34416		EPA 8260	Not Detected	ug/kg (dw)		10	AGV	9/5/2000	
Vinyl Chloride	34495		EPA 8260	Not Detected	ug/kg (dw)		2.0	AGV	9/5/2000	
Chloroethane	34314		EPA 8260	Not Detected	ug/kg (dw)		10	AGV	9/5/2000	
Methylene Chloride	34426		EPA 8260	Not Detected	ug/kg (dw)		5.1	AGV	9/5/2000	
Trichlorofluoromethane	34491		EPA 8260	Not Detected	ug/kg (dw)		5.1	AGV	9/5/2000	
Acetone	75059		EPA 8260	Not Detected	ug/kg (dw)		100	AGV	9/5/2000	
Dibromomethane	78756		EPA 8260	Not Detected	ug/kg (dw)		5.1	AGV	9/5/2000	
trans-1,2-Dichloroethene	34549		EPA 8260	Not Detected	ug/kg (dw)		5.1	AGV	9/5/2000	
Iodomethane	73121		EPA 8260	Not Detected	ug/kg (dw)		5.1	AGV	9/5/2000	
Carbon Disulfide	78544		EPA 8260	Not Detected	ug/kg (dw)		5.1	AGV	9/5/2000	
1,1-Dichloroethene	34504		EPA 8260	Not Detected	ug/kg (dw)		5.1	AGV	9/5/2000	
1,1-Dichloroethane	34499		EPA 8260	Not Detected	ug/kg (dw)		5.1	AGV	9/5/2000	
cis-1,2-Dichloroethene	77093		EPA 8260	Not Detected	ug/kg (dw)		5.1	AGV	9/5/2000	
2,2-Dichloropropane	77170		EPA 8260	Not Detected	ug/kg (dw)		5.1	AGV	9/5/2000	
Bromochloromethane	77297		EPA 8260	Not Detected	ug/kg (dw)		5.1	AGV	9/5/2000	
Chloroform	34318		EPA 8260	Not Detected	ug/kg (dw)		5.1	AGV	9/5/2000	
1,1-Dichloropropene	77168		EPA 8260	Not Detected	ug/kg (dw)		5.1	AGV	9/5/2000	
1,2-Dichloroethane	34534		EPA 8260	Not Detected	ug/kg (dw)		5.1	AGV	9/5/2000	
2-Butanone	75078		EPA 8260	Not Detected	ug/kg (dw)		100	AGV	9/5/2000	
1,1,1-Trichloroethane	34509		EPA 8260	Not Detected	ug/kg (dw)		5.1	AGV	9/5/2000	
Carbon Tetrachloride	34299		EPA 8260	Not Detected	ug/kg (dw)		5.1	AGV	9/5/2000	

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Organics:	Danny Reed	Ext 5252
GC Mass Spec:	Steve Bryan	Ext 5260

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	PQL	ANALYST	ANALYSIS DATE	MCL or QC Range
Vinyl Acetate	78498		EPA 8260	Not Detected		ug/kg (dw)	51	AGV	9/5/2000	
Bromodichloromethane	34330		EPA 8260	Not Detected		ug/kg (dw)	5.1	AGV	9/5/2000	
1,2-Dichloropropane	34544		EPA 8260	Not Detected		ug/kg (dw)	5.1	AGV	9/5/2000	
Trichloroethene	34487		EPA 8260	Not Detected		ug/kg (dw)	5.1	AGV	9/5/2000	
Benzene	34237		EPA 8260	Not Detected		ug/kg (dw)	5.1	AGV	9/5/2000	
cis-1,3-Dichloropropene	34702		EPA 8260	Not Detected		ug/kg (dw)	5.1	AGV	9/5/2000	
trans-1,3-Dichloropropene	34697		EPA 8260	Not Detected		ug/kg (dw)	5.1	AGV	9/5/2000	
Dibromochloromethane	34309		EPA 8260	Not Detected		ug/kg (dw)	5.1	AGV	9/5/2000	
1,1,2-Trichloroethane	34514		EPA 8260	Not Detected		ug/kg (dw)	5.1	AGV	9/5/2000	
Bromoform	34290		EPA 8260	Not Detected		ug/kg (dw)	5.1	AGV	9/5/2000	
1,2,3-Trichloropropane	78490		EPA 8260	Not Detected		ug/kg (dw)	5.1	AGV	9/5/2000	
4-Methyl-2-Pentanone	75169		EPA 8260	Not Detected		ug/kg (dw)	51	AGV	9/5/2000	
2-Hexanone	75166		EPA 8260	Not Detected		ug/kg (dw)	51	AGV	9/5/2000	
Tetrachloroethene	34478		EPA 8260	Not Detected		ug/kg (dw)	5.1	AGV	9/5/2000	
1,3-Dichloropropane	77173		EPA 8260	Not Detected		ug/kg (dw)	5.1	AGV	9/5/2000	
1,1,2,2-Tetrachloroethane	34519		EPA 8260	Not Detected		ug/kg (dw)	5.1	AGV	9/5/2000	
Toluene	34483		EPA 8260	Not Detected		ug/kg (dw)	5.1	AGV	9/5/2000	
1,2-Dibromoethane	79749		EPA 8260	Not Detected		ug/kg (dw)	5.1	AGV	9/5/2000	
Chlorobenzene	34304		EPA 8260	Not Detected		ug/kg (dw)	5.1	AGV	9/5/2000	
Ethylbenzene	34374		EPA 8260	Not Detected		ug/kg (dw)	5.1	AGV	9/5/2000	
1,1,1,2-Tetrachloroethane			EPA 8260	Not Detected		ug/kg (dw)	5.1	AGV	9/5/2000	
Styrene	75192		EPA 8260	Not Detected		ug/kg (dw)	5.1	AGV	9/5/2000	
p,m-Xylene	45510		EPA 8260	Not Detected		ug/kg (dw)	10	AGV	9/5/2000	
o-Xylene	78362		EPA 8260	Not Detected		ug/kg (dw)	5.1	AGV	9/5/2000	
Isopropylbenzene	77223		EPA 8260	Not Detected		ug/kg (dw)	5.1	AGV	9/5/2000	
Bromobenzene	78491		EPA 8260	Not Detected		ug/kg (dw)	5.1	AGV	9/5/2000	
n-Propylbenzene	77224		EPA 8260	Not Detected		ug/kg (dw)	5.1	AGV	9/5/2000	
2-Chlorotoluene	77225		EPA 8260	Not Detected		ug/kg (dw)	5.1	AGV	9/5/2000	
1,3,5-Trimethylbenzene	77226		EPA 8260	Not Detected		ug/kg (dw)	5.1	AGV	9/5/2000	
4-Chlorotoluene	77277		EPA 8260	Not Detected		ug/kg (dw)	5.1	AGV	9/5/2000	
tert-Butylbenzene	77353		EPA 8260	Not Detected		ug/kg (dw)	5.1	AGV	9/5/2000	
1,2,4-Trimethylbenzene	34554		EPA 8260	Not Detected		ug/kg (dw)	5.1	AGV	9/5/2000	
sec-Butylbenzene	77350		EPA 8260	Not Detected		ug/kg (dw)	5.1	AGV	9/5/2000	
1,3-Dichlorobenzene	34569		EPA 8260	Not Detected		ug/kg (dw)	5.1	AGV	9/5/2000	
p-Isopropyltoluene	77356		EPA 8260	Not Detected		ug/kg (dw)	5.1	AGV	9/5/2000	
1,4-Dichlorobenzene	34574		EPA 8260	Not Detected		ug/kg (dw)	5.1	AGV	9/5/2000	
n-Butylbenzene	77342		EPA 8260	Not Detected		ug/kg (dw)	5.1	AGV	9/5/2000	
1,2-Dichlorobenzene	34539		EPA 8260	Not Detected		ug/kg (dw)	5.1	AGV	9/5/2000	
1,2-Dibromo-3-chloropropane	99999		EPA 8260	Not Detected		ug/kg (dw)	5.1	AGV	9/5/2000	
1,2,4-Trichlorobenzene	34554		EPA 8260	Not Detected		ug/kg (dw)	5.1	AGV	9/5/2000	
Hexachlorobutadiene	39705		EPA 8260	Not Detected		ug/kg (dw)	5.1	AGV	9/5/2000	
Naphthalene	34445		EPA 8260	Not Detected		ug/kg (dw)	5.1	AGV	9/5/2000	
1,2,3-Trichlorobenzene	77613		EPA 8260	Not Detected		ug/kg (dw)	5.1	AGV	9/5/2000	
8270 Semi-Vol in Soil/Sed QC Batch 36842										
2-Fluorophenol(Surrogate QC Std.)		U	EPA 8270C	67		ug/kg (dw)	0.00	GJG	9/15/2000	*22 to 63*
Phenol-d5(Surrogate QC Std.)		U	EPA 8270C	76		ug/kg (dw)	0.00	GJG	9/15/2000	*18 to 73*
Nitrobenzene-d5(Surrogate QC Std.)			EPA 8270C	80		ug/kg (dw)	0.00	GJG	9/15/2000	*25 to 81*
2-Fluorobiphenyl(Surrogate QC Std.)			EPA 8270C	77		ug/kg (dw)	0.00	GJG	9/15/2000	*28 to 81*
2,4,6-Tribromophenol(Surrogate QC Std.)			EPA 8270C	93		ug/kg (dw)	0.00	GJG	9/15/2000	*14 to 101*
Terphenyl-d14(Surrogate QC Std.)		U	EPA 8270C	99		ug/kg (dw)	0.00	GJG	9/15/2000	*44 to 92*
n-Nitrosodimethylamine	34441		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	PQL	ANALYST	ANALYSIS DATE	MCL or QC Range
2-Picoline	73310		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Methylmethanesulfonate	73119		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Ethylmethanesulfonate	73118		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Aniline	73185		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Phenol	34695		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
bis(2-Chloroethyl)ether	34276		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
2-Chlorophenol	34589		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
1,3-Dichlorobenzene	34569		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
1,4-Dichlorobenzene	34574		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Benzyl alcohol	75212		EPA 8270C	Not Detected		ug/kg (dw)	2200	GJG	9/15/2000	
1,2-Dichlorobenzene	34539		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
2-Methylphenol			EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
bis(2-Chloroisopropyl)ether	34286		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Acetophenone	73272		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
4-Methylphenol			EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
n-Nitroso-di-n-propylamine	34428		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Hexachloroethane	34399		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Nitrobenzene	34450		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
n-Nitrosopiperidine	73129		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Isophorone	34411		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
2-Nitrophenol	34594		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
2,4-Dimethylphenol	34609		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
bis(2-Chloroethoxy)methane	34281		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Benzoic acid	75315		EPA 8270C	Not Detected		ug/kg (dw)	5700	GJG	9/15/2000	
2,4-Dichlorophenol	34604		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
1,2,4-Trichlorobenzene	34554		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
aa-dimethyl-Phenethylamine	73136		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Naphthalene	34445		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
4-Chloroaniline	78867		EPA 8270C	Not Detected		ug/kg (dw)	2200	GJG	9/15/2000	
2,6-Dichlorophenol	73122		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Hexachlorobutadiene	38705		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
n-Nitroso-di-n-butylamine	73159		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
4-Chloro-3-methylphenol	34455		EPA 8270C	Not Detected		ug/kg (dw)	2200	GJG	9/15/2000	
2-Methylnaphthalene	78868		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
1,2,4,5-Tetrachlorobenzene	79787		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Hexachlorocyclopentadiene	34389		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
2,4,6-Trichlorophenol	34624		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
2,4,5-Trichlorophenol	78401		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
2-Chloronaphthalene	34584		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
1-Chloronaphthalene			EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
2-Nitroaniline	78299		EPA 8270C	Not Detected		ug/kg (dw)	5700	GJG	9/15/2000	
Dimethylphthalate	34344		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Acenaphthylene	34203		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
2,6-Dinitrotoluene	34629		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
3-Nitroaniline	78869		EPA 8270C	Not Detected		ug/kg (dw)	5700	GJG	9/15/2000	
Acenaphthene	34208		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
2,4-Dinitrophenol	34619		EPA 8270C	Not Detected		ug/kg (dw)	5700	GJG	9/15/2000	
4-Nitrophenol	34649		EPA 8270C	Not Detected		ug/kg (dw)	5700	GJG	9/15/2000	
Dibenzofuran	75647		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Pentachlorobenzene	79790		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
2,4-Dinitrotoluene	34614		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	

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Metals:	Mark Tolbert	Ext 5240
Organics:	Danny Reed	Ext 5252
GC Mass Spec:	Steve Bryan	Ext 5260

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	PQL	ANALYST	ANALYSIS DATE	MCL or QC Range
1-Naphthylamine	73143		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
2-Naphthylamine	73124		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
2,3,4,6-Tetrachlorophenol			EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Diethylphthalate	34339		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Fluorene	34384		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
4-Chlorophenyl-phenylether	34644		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
4-Nitroaniline	78870		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Diphenylamine			EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
4,6-Dinitro-2-methylphenol	34660		EPA 8270C	Not Detected		ug/kg (dw)	5700	GJG	9/15/2000	
n-Nitrosodiphenylamine	34436		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
1,2-Diphenylhydrazine	34349		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
4-Bromophenyl-phenylether	34639		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Phenacetin	73117		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Hexachlorobenzene	39701		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
4-Aminobiphenyl	73125		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Pentachlorophenol	39061		EPA 8270C	Not Detected		ug/kg (dw)	5700	GJG	9/15/2000	
Pronamide	73031		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Pentachloronitrobenzene	81808		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Phenanthrene	34464		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Anthracene	34223		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Di-n-butylphthalate	39112		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Fluoranthene	34379		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Benzidine	39121		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Pyrene	34472		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
p-Dimethylaminoazobenzene	73116		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Butylbenzylphthalate	34295		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Benzo[a]anthracene	34529		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
3,3'-Dichlorobenzidine	34634		EPA 8270C	Not Detected		ug/kg (dw)	2200	GJG	9/15/2000	
Chyrsene	34323		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
bis(2-Ethylhexyl)phthalate	39102		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Di-n-octylphthalate	34599		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Benzo[b]fluoranthene	34233		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Benzo[k]fluoranthene	34245		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
7,12-Dimethylbenz(a)anthracene	73115		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Benzo[a]pyrene	34250		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
3-Methylcholanthrene	73156		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Dibenz(a,j)acridine			EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Indeno[1,2,3-cd]pyrene	34406		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Dibenz[a,h]anthracene	34559		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Benzo[g,h,i]perylene	34524		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Pyridine	73312		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Alpha-BHC	39076		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Gamma-BHC	39343		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Beta-BHC	34257		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Delta-BHC	34262		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Heptachlor	39413		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Aldrin	39333		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Heptachlor Epoxide	39423		EPA 8270C	Not Detected		ug/kg (dw)	2800	GJG	9/15/2000	
Endosulfan 1	34364		EPA 8270C	Not Detected		ug/kg (dw)	5700	GJG	9/15/2000	
Dieldrin	39383		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
p,p'-DDE	39321		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	

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Metals:	Mark Tolbert	Ext 5240
Organics:	Danny Reed	Ext 5252
GC Mass Spec:	Steve Bryan	Ext 5260

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER	PQL	ANALYST	ANALYSIS DATE	MCL or QC Range
Endrin	39393		EPA 8270C	Not Detected	ug/kg (dw)		2300	GJG	9/15/2000	
Endosulfan 2	34359		EPA 8270C	Not Detected	ug/kg (dw)		5700	GJG	9/15/2000	
p,p'-DDD	39311		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Endrin Aldehyde	34369		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Endosulfan Sulfate	34354		EPA 8270C	Not Detected	ug/kg (dw)		2800	GJG	9/15/2000	
p,p'-DDT	39301		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Hexadecanoic acid			EPA 8270C	2100 TIE	ug/kg (dw)		0.00	GJG	9/15/2000	
1-Octadecanol			EPA 8270C	9700 TIE	ug/kg (dw)		0.00	GJG	9/15/2000	
Tetratetracontane			EPA 8270C	3300 TIE	ug/kg (dw)		0.00	GJG	9/15/2000	
ICP Metals HW in Solids QC Batch 36308										
Silver	01078		EPA 6010B	3.8	mg/kg (dw)		1	PT	9/6/2000	
Arsenic	01003		EPA 6010B	110	mg/kg (dw)		8	PT	9/6/2000	
Barium	01008		EPA 6010B	77	mg/kg (dw)		1	PT	9/6/2000	
Cadmium	01028		EPA 6010B	Not Detected	mg/kg (dw)		1	PT	9/6/2000	
Chromium	01029		EPA 6010B	23	mg/kg (dw)		2	PT	9/6/2000	
Lead	01052		EPA 6010B	86	mg/kg (dw)		9	PT	9/6/2000	
Nickel	01068		EPA 6010B	4.3	mg/kg (dw)		2	PT	9/6/2000	
Selenium	01148		EPA 6010B	Not Detected	mg/kg (dw)		19	PT	9/6/2000	
Copper	01042		EPA 6010B	13	mg/kg (dw)		2	PT	9/6/2000	
ICP Metals HW in TCLP Extracts QC Batch 36581										
Silver	01077		EPA 6010B	Not Detected	mg/L		0.01	PT	9/14/2000	5
Arsenic	01002		EPA 6010B	0.19	mg/L		0.08	PT	9/14/2000	5
Barium	01007		EPA 6010B	0.47	mg/L		0.01	PT	9/14/2000	100
Cadmium	01027		EPA 6010B	Not Detected	mg/L		0.01	PT	9/14/2000	1
Chromium	01034		EPA 6010B	Not Detected	mg/L		0.02	PT	9/14/2000	5
Lead	01051		EPA 6010B	Not Detected	mg/L		0.09	PT	9/14/2000	5
Selenium	01147		EPA 6010B	Not Detected	mg/L		0.19	PT	9/14/2000	1
QC Batch 36228										
Mercury			EPA 7471A	0.15	mg/kg (dw)		0.1	CN	9/7/2000	
Pesticides in Sediment/Soil QC Batch 36291										
TCMX surr std			EPA 8081A	4.97	ug/KG (dw)			PM	9/14/2000	*4.0 to 12*
DCB surr std			EPA 8081A	12.2	ug/KG (dw)			PM	9/14/2000	*8.0 to 24*
ALDRIN			EPA 8081A	Not Detected	ug/KG (dw)		3.5	PM	9/14/2000	
a-BHC			EPA 8081A	5.2	ug/KG (dw)		2.0	PM	9/14/2000	
b-BHC			EPA 8081A	Not Detected	ug/KG (dw)		3.0	PM	9/14/2000	
d-BHC			EPA 8081A	Not Detected	ug/KG (dw)		4.5	PM	9/14/2000	
LINDANE (g-BHC)			EPA 8081A	2.5	ug/KG (dw)		1.0	PM	9/14/2000	
CHLORDANE			EPA 8081A	400	ug/KG (dw)	J	50	PM	9/14/2000	
4,4-DDE			EPA 8081A	150	ug/KG (dw)	D	30	PM	9/14/2000	
4,4-DDD			EPA 8081A	47	ug/KG (dw)		7.5	PM	9/14/2000	
4,4-DDT			EPA 8081A	170	ug/KG (dw)	D	65	PM	9/14/2000	
DIELDRIN			EPA 8081A	Not Detected	ug/KG (dw)		2.0	PM	9/14/2000	
ENDOSULFAN I			EPA 8081A	Not Detected	ug/KG (dw)		5.0	PM	9/14/2000	
ENDOSULFAN II			EPA 8081A	Not Detected	ug/KG (dw)		7.5	PM	9/14/2000	
ENDOSULFAN SULFATE			EPA 8081A	Not Detected	ug/KG (dw)		8.0	PM	9/14/2000	
ENDRIN			EPA 8081A	Not Detected	ug/KG (dw)		7.5	PM	9/14/2000	
ENDRIN ALDEHYDE			EPA 8081A	Not Detected	ug/KG (dw)		3.5	PM	9/14/2000	
HEPTACHLOR			EPA 8081A	Not Detected	ug/KG (dw)		5.0	PM	9/14/2000	
HEPTACHLOR EPOXIDE			EPA 8081A	Not Detected	ug/KG (dw)		4.0	PM	9/14/2000	
TOXAPHENE			EPA 8081A	Not Detected	ug/KG (dw)		130	PM	9/14/2000	

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	PQL	ANALYST	ANALYSIS DATE	MCL or QC Range
CHLORPYRIFOS (DURSBAN)			EPA 8081A	Not Detected		ug/KG (dw)	5.0	PM	9/14/2000	
HEXACHLOROBENZENE			EPA 8081A	Not Detected		ug/KG (dw)	1.0	PM	9/14/2000	
METHOXYCHLOR			EPA 8081A	Not Detected		ug/KG (dw)	20	PM	9/14/2000	
MIREX			EPA 8081A	Not Detected		ug/KG (dw)	3.5	PM	9/14/2000	
PCBs in Sediments or Soils QC Batch 36497										
TCMX surr std			EPA 8082	4.97		ug/KG (dw)		PM	9/12/2000	*4.0 to 12.0*
DCBP surr std			EPA 8082	12.2		ug/KG (dw)		PM	9/12/2000	*8.0 to 24.0*
PCB-1016			EPA 8082	Not Detected		ug/KG (dw)	33	PM	9/12/2000	
PCB-1221			EPA 8082	Not Detected		ug/KG (dw)	33	PM	9/12/2000	
PCB-1232			EPA 8082	Not Detected		ug/KG (dw)	33	PM	9/12/2000	
PCB-1242			EPA 8082	Not Detected		ug/KG (dw)	33	PM	9/12/2000	
PCB-1248			EPA 8082	Not Detected		ug/KG (dw)	33	PM	9/12/2000	
PCB-1254			EPA 8082	Not Detected		ug/KG (dw)	33	PM	9/12/2000	
PCB-1260			EPA 8082	Not Detected		ug/KG (dw)	33	PM	9/12/2000	
PCB-1262			EPA 8082	Not Detected		ug/KG (dw)	33	PM	9/12/2000	
Phenoxy Herbicides in Sediment QC Batch 36515										
DCAA-surr QC std			EPA 8151A	108		ug/KG		BG	9/12/2000	*80 to 280*
2,4-D			EPA 8151A	Not Detected		ug/KG	20	BG	9/12/2000	
SILVEX (2,4,5-TP)			EPA 8151A	Not Detected		ug/KG	4	BG	9/12/2000	

COMMENTS: $8081S - D qualifier denotes results based on dilution run on 9/14/00. 4,4-DDE and 4,4-DDT required 10X dilution for analysis. PQLs for these analytes adjusted accordingly.
$8081S - J qualifier denotes estimated results. Chlordane estimated due to weathering effects resulting in peak ratios varied from the standard.

COMMENTS: $8270S - Sample had 3 surrogates, 2-Fluorophenol (67% recovery, limits 22-63%), Phenol-d5 (76% recovery, limits 18-73%), and Terphenyl-d14 (99% recovery, limits 44-92%) with recoveries outside acceptable control limits due to matrix interferences. LCS results are within acceptable control limits. 7-091900-255

COMMENTS: $R_8270S - Matrix Spike had five spike compounds, N-Nitroso-di-n-propylamine (68% recovery, limits 20-64%), 1,2,4-Trichlorobenzene (62% recovery, limits 27-57%), 4-Nitrophenol (78% recovery, limits 7-77%), 2,4-Dinitrotoluene (79% recovery, limits 12-78%), and Pentachlorophenol (73% recovery, limits 7-70%) with recoveries outside acceptable control limits due to matrix interferences. LCS results were within acceptable control limits. 7-091900-255

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REQUEST FOR LABORATORY ANALYSIS

#6

Location: Vienna Street Dump / Fort Valley

Collected By/Phone: James Sliwinski / (404) 656-2833

Collection Date: 08/29/00 16:50

Submitted To Lab: 08/30/00

HWMB LOG NUMBER: 8407

File a separate Request Sheet for each sample point

Sample ID AD02869
Location: HWMB
Description: HW8407 VIENNA ST.DUMP/FT VALL
Sample Collecto J.SLIWINSKI
Sample ID: AD02869

Analysis Needed By: Routine ✓ Other (specify): _____

Sample Description (check one)

Waste ____ Soil/Sediment ✓ Sludge ____
Ground Water ____ Surface Water ____ Drinking Water Well ____

Concentration of Organics Requested (estimated): High ____ Low ✓ Other (e.g., rinse blank - specify) _____

Describe Sample Including Source and Known Properties (e.g. pH, concentration):
Municipal and industrial dump site: metals, herbicides, pesticides, PCBs, semi-volatile and volatile organics. Soil at the cut through path

Applicable Hazardous Waste Codes (If known) _____ _____ _____

Special Precautions:

ANALYSIS REQUIRED

(Note: Totals will always be run first. A TCLP will subsequently be run only if the total value indicates a positive TCLP could results)

1. TOTAL ORGANICS

		4 OZ. JARS	8 OZ. JARS	16 OZ. JARS	Encores
Semi-Volatiles (Acid & Base/Neutral)	✓				
Volatiles	✓				
Pesticides	✓				
Herbicides	✓				
Organophosphorous Pesticides					
PCB	✓				
BETX					
Total Petroleum Hydrocarbon		1	2	1	5

Organics Special Requests: _____

2. TOTAL METALS

ICP Metals Scan (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) ✓
Mercury ✓
Metals Special Requests: _____

3. TCLP ORGANICS

Volatiles ____ Pesticides ____
Semi-Volatiles (Acid & Base/Neutral) ____ Herbicides ____
Additional Specific Organics for TCLP: _____

4. TCLP METALS ANALYSIS

TCLP Metals (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) ____ Additional Metals for TCLP: _____
Mercury ____

5. ADDITIONAL ANALYSIS REQUESTED (see list on back): _____

Reviewed By: (HWMB): _____ Date: _____ Reviewed By (EPD Lab): [illegible]
Approved By:(HWMB): _____ Date: _____ Date (EPD Lab): 8/30/00

RECEIT TEMP 0.0°

MNW

GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

455 14th Street NW, Atlanta, GA 30318-7900
(404) 206-5269

LABORATORY REPORT

TO: Georgia Env Protection Divison Hazardous Waste Mgmt Branch 205 Butler St SE Suite 1154E Atlanta, GA 30334	Date Collected: 8/29/2000 Time Collected: 16:50 Sample Collector: J.SLIWINSKI Chlorination: Sample Type:
Sample ID: AD02869 Facility Name: HW8407 VIENNA ST.DUMP/FT VALL Site ID: HWMB Location ID: Location Descr: HW8407 SOIL@CUT THROUGH PATH	Received By: MW Date Received: 8/30/2000 Time Received: 5:36 PM Project: HW Reporting Date: 10/5/2000 Received Temperature: 0.0 °C

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER	PQL	ANALYST	ANALYSIS DATE	MCL or QC Range
8260 Volatiles in Soil/Sed. QC Batch 36498										
Dibromofluoromethane(Surrogate QC Std.)			EPA 8260	53	ug/kg (dw)		0.00	AGV	9/6/2000	*33 to 75*
Toluene-d3(Surrogate QC Std.)			EPA 8260	53	ug/kg (dw)		0.00	AGV	9/6/2000	*39 to 68*
Bromofluorobenzene(Surrogate QC Std.)			EPA 8260	45	ug/kg (dw)		0.00	AGV	9/6/2000	*25 to 60*
1,2-Dichloroethane-d4(Surrogate QC Std.)			EPA 8260	48	ug/kg (dw)		4.8	AGV	9/6/2000	*35 to 65*
Dichlorodifluoromethane	34334		EPA 8260	Not Detected	ug/kg (dw)		4.8	AGV	9/6/2000	
Chloromethane	34421		EPA 8260	Not Detected	ug/kg (dw)		9.5	AGV	9/6/2000	
Bromomethane	34416		EPA 8260	Not Detected	ug/kg (dw)		9.5	AGV	9/6/2000	
Vinyl Chloride	34495		EPA 8260	Not Detected	ug/kg (dw)		1.9	AGV	9/6/2000	
Chloroethane	34314		EPA 8260	Not Detected	ug/kg (dw)		9.5	AGV	9/6/2000	
Methylene Chloride	34426		EPA 8260	Trace	ug/kg (dw)	B	4.8	AGV	9/6/2000	
Trichlorofluoromethane	34491		EPA 8260	Not Detected	ug/kg (dw)		4.8	AGV	9/6/2000	
Acetone	75059		EPA 8260	130	ug/kg (dw)		95	AGV	9/6/2000	
Dibromomethane	78756		EPA 8260	Not Detected	ug/kg (dw)		4.8	AGV	9/6/2000	
trans-1,2-Dichloroethene	34549		EPA 8260	Not Detected	ug/kg (dw)		4.8	AGV	9/6/2000	
Iodomethane	73121		EPA 8260	Not Detected	ug/kg (dw)		4.8	AGV	9/6/2000	
Carbon Disulfide	78544		EPA 8260	Not Detected	ug/kg (dw)		4.8	AGV	9/6/2000	
1,1-Dichloroethene	34504		EPA 8260	Not Detected	ug/kg (dw)		4.8	AGV	9/6/2000	
1,1-Dichloroethane	34499		EPA 8260	Not Detected	ug/kg (dw)		4.8	AGV	9/6/2000	
cis-1,2-Dichloroethene	77093		EPA 8260	Not Detected	ug/kg (dw)		4.8	AGV	9/6/2000	
2,2-Dichloropropane	77170		EPA 8260	Not Detected	ug/kg (dw)		4.8	AGV	9/6/2000	
Bromochloromethane	77297		EPA 8260	Not Detected	ug/kg (dw)		4.8	AGV	9/6/2000	
Chloroform	34318		EPA 8260	Not Detected	ug/kg (dw)		4.8	AGV	9/6/2000	
1,1-Dichloropropene	77168		EPA 8260	Not Detected	ug/kg (dw)		4.8	AGV	9/6/2000	
1,2-Dichloroethane	34534		EPA 8260	Not Detected	ug/kg (dw)		4.8	AGV	9/6/2000	
2-Butanone	75078		EPA 8260	Not Detected	ug/kg (dw)		95	AGV	9/6/2000	
1,1,1-Trichloroethane	34509		EPA 8260	Not Detected	ug/kg (dw)		4.8	AGV	9/6/2000	
Carbon Tetrachloride	34299		EPA 8260	Not Detected	ug/kg (dw)		4.8	AGV	9/6/2000	

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GC Mass Spec:	Steve Bryan	Ext 5260

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER PQL	ANALYST	ANALYSIS DATE	MCL or QC Range
Vinyl Acetate	78498		EPA 8260	Not Detected	ug/kg (dw)	48	AGV	9/6/2000	
Bromodichloromethane	34330		EPA 8260	Not Detected	ug/kg (dw)	4.8	AGV	9/6/2000	
1,2-Dichloropropane	34544		EPA 8260	Not Detected	ug/kg (dw)	4.8	AGV	9/6/2000	
Trichloroethene	34487		EPA 8260	Not Detected	ug/kg (dw)	4.8	AGV	9/6/2000	
Benzene	34237		EPA 8260	Not Detected	ug/kg (dw)	4.8	AGV	9/6/2000	
cis-1,3-Dichloropropene	34702		EPA 8260	Not Detected	ug/kg (dw)	4.8	AGV	9/6/2000	
trans-1,3-Dichloropropene	34697		EPA 8260	Not Detected	ug/kg (dw)	4.8	AGV	9/6/2000	
Dibromochloromethane	34309		EPA 8260	Not Detected	ug/kg (dw)	4.8	AGV	9/6/2000	
1,1,2-Trichloroethane	34514		EPA 8260	Not Detected	ug/kg (dw)	4.8	AGV	9/6/2000	
Bromoform	34290		EPA 8260	Not Detected	ug/kg (dw)	4.8	AGV	9/6/2000	
1,2,3-Trichloropropane	78490		EPA 8260	Not Detected	ug/kg (dw)	4.8	AGV	9/6/2000	
4-Methyl-2-Pentanone	75169		EPA 8260	Not Detected	ug/kg (dw)	48	AGV	9/6/2000	
2-Hexanone	75166		EPA 8260	Not Detected	ug/kg (dw)	48	AGV	9/6/2000	
Tetrachloroethene	34478		EPA 8260	Not Detected	ug/kg (dw)	4.8	AGV	9/6/2000	
1,3-Dichloropropane	77173		EPA 8260	Not Detected	ug/kg (dw)	4.8	AGV	9/6/2000	
1,1,2,2-Tetrachloroethane	34519		EPA 8260	Not Detected	ug/kg (dw)	4.8	AGV	9/6/2000	
Toluene	34483		EPA 8260	Not Detected	ug/kg (dw)	4.8	AGV	9/6/2000	
1,2-Dibromoethane	79749		EPA 8260	Not Detected	ug/kg (dw)	4.8	AGV	9/6/2000	
Chlorobenzene	34304		EPA 8260	Not Detected	ug/kg (dw)	4.8	AGV	9/6/2000	
Ethylbenzene	34374		EPA 8260	Not Detected	ug/kg (dw)	4.8	AGV	9/6/2000	
1,1,1,2-Tetrachloroethane			EPA 8260	Not Detected	ug/kg (dw)	4.8	AGV	9/6/2000	
Styrene	75192		EPA 8260	Not Detected	ug/kg (dw)	4.8	AGV	9/6/2000	
p,m-Xylene	45510		EPA 8260	Not Detected	ug/kg (dw)	9.5	AGV	9/6/2000	
o-Xylene	78362		EPA 8260	Not Detected	ug/kg (dw)	4.8	AGV	9/6/2000	
Isopropylbenzene	77223		EPA 8260	Not Detected	ug/kg (dw)	4.8	AGV	9/6/2000	
Bromobenzene	78491		EPA 8260	Not Detected	ug/kg (dw)	4.8	AGV	9/6/2000	
n-Propylbenzene	77224		EPA 8260	Not Detected	ug/kg (dw)	4.8	AGV	9/6/2000	
2-Chlorotoluene	77225		EPA 8260	Not Detected	ug/kg (dw)	4.8	AGV	9/6/2000	
1,3,5-Trimethylbenzene	77226		EPA 8260	Not Detected	ug/kg (dw)	4.8	AGV	9/6/2000	
4-Chlorotoluene	77277		EPA 8260	Not Detected	ug/kg (dw)	4.8	AGV	9/6/2000	
tert-Butylbenzene	77353		EPA 8260	Not Detected	ug/kg (dw)	4.8	AGV	9/6/2000	
1,2,4-Trimethylbenzene	34554		EPA 8260	Not Detected	ug/kg (dw)	4.8	AGV	9/6/2000	
sec-Butylbenzene	77350		EPA 8260	Not Detected	ug/kg (dw)	4.8	AGV	9/6/2000	
1,3-Dichlorobenzene	34569		EPA 8260	Not Detected	ug/kg (dw)	4.8	AGV	9/6/2000	
p-Isopropyltoluene	77356		EPA 8260	Not Detected	ug/kg (dw)	4.8	AGV	9/6/2000	
1,4-Dichlorobenzene	34574		EPA 8260	Not Detected	ug/kg (dw)	4.8	AGV	9/6/2000	
n-Butylbenzene	77342		EPA 8260	Not Detected	ug/kg (dw)	4.8	AGV	9/6/2000	
1,2-Dichlorobenzene	34539		EPA 8260	Not Detected	ug/kg (dw)	4.8	AGV	9/6/2000	
1,2-Dibromo-3-chloropropane	99999		EPA 8260	Not Detected	ug/kg (dw)	4.8	AGV	9/6/2000	
1,2,4-Trichlorobenzene	34554		EPA 8260	Not Detected	ug/kg (dw)	4.8	AGV	9/6/2000	
Hexachlorobutadiene	39705		EPA 8260	Not Detected	ug/kg (dw)	4.8	AGV	9/6/2000	
Naphthalene	34445		EPA 8260	Not Detected	ug/kg (dw)	4.8	AGV	9/6/2000	
1,2,3-Trichlorobenzene	77613		EPA 8260	Not Detected	ug/kg (dw)	4.8	AGV	9/6/2000	
8270 Semi-Vol in Soil/Sed QC Batch 36842									
2-Fluorophenol(Surrogate QC Std.)		U	EPA 8270C	64	ug/kg (dw)	0.00	GJG	9/15/2000	*22 to 63*
Phenol-d5(Surrogate QC Std.)		U	EPA 8270C	80	ug/kg (dw)	0.00	GJG	9/15/2000	*18 to 73*
Nitrobenzene-d5(Surrogate QC Std.)			EPA 8270C	78	ug/kg (dw)	0.00	GJG	9/15/2000	*25 to 81*
2-Fluorobiphenyl(Surrogate QC Std.)		U	EPA 8270C	82	ug/kg (dw)	0.00	GJG	9/15/2000	*28 to 81*
2,4,6-Tribromophenol(Surrogate QC Std.)			EPA 8270C	81	ug/kg (dw)	0.00	GJG	9/15/2000	*14 to 101*
Terphenyl-d14(Surrogate QC Std.)		U	EPA 8270C	110	ug/kg (dw)	0.00	GJG	9/15/2000	*44 to 92*
n-Nitrosodimethylamine	34441		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	

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2-Picoline	73310		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Methylmethanesulfonate	73119		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Ethylmethanesulfonate	73118		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Aniline	73185		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Phenol	34695		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
bis(2-Chloroethyl)ether	34276		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
2-Chlorophenol	34589		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
1,3-Dichlorobenzene	34569		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
1,4-Dichlorobenzene	34574		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Benzyl alcohol	75212		EPA 8270C	Not Detected		ug/kg (dw)	2200	GJG	9/15/2000	
1,2-Dichlorobenzene	34539		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
2-Methylphenol			EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
bis(2-Chloroisopropyl)ether	34286		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Acetophenone	73272		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
4-Methylphenol			EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
n-Nitroso-di-n-propylamine	34428		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Hexachloroethane	34399		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Nitrobenzene	34450		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
n-Nitrosopiperidine	73129		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Isophorone	34411		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
2-Nitrophenol	34594		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
2,4-Dimethylphenol	34609		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
bis(2-Chloroethoxy)methane	34281		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Benzoic acid	75315		EPA 8270C	Not Detected		ug/kg (dw)	5500	GJG	9/15/2000	
2,4-Dichlorophenol	34604		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
1,2,4-Trichlorobenzene	34554		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
aa-dimethyl-Phenethylamine	73136		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Naphthalene	34445		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
4-Chloroaniline	78867		EPA 8270C	Not Detected		ug/kg (dw)	2200	GJG	9/15/2000	
2,6-Dichlorophenol	73122		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Hexachlorobutadiene	38705		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
n-Nitroso-di-n-butylamine	73159		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
4-Chloro-3-methylphenol	34455		EPA 8270C	Not Detected		ug/kg (dw)	2200	GJG	9/15/2000	
2-Methylnaphthalene	78868		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
1,2,4,5-Tetrachlorobenzene	79787		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Hexachlorocyclopentadiene	34389		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
2,4,6-Trichlorophenol	34624		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
2,4,5-Trichlorophenol	78401		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
2-Chloronaphthalene	34584		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
1-Chloronaphthalene			EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
2-Nitroaniline	78299		EPA 8270C	Not Detected		ug/kg (dw)	5500	GJG	9/15/2000	
Dimethylphthalate	34344		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Acenaphthylene	34203		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
2,6-Dinitrotoluene	34629		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
3-Nitroaniline	78869		EPA 8270C	Not Detected		ug/kg (dw)	5500	GJG	9/15/2000	
Acenaphthene	34208		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
2,4-Dinitrophenol	34619		EPA 8270C	Not Detected		ug/kg (dw)	5500	GJG	9/15/2000	
4-Nitrophenol	34649		EPA 8270C	Not Detected		ug/kg (dw)	5500	GJG	9/15/2000	
Dibenzofuran	75647		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Pentachlorobenzene	79790		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
2,4-Dinitrotoluene	34614		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	

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1-Naphthylamine	73143		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
2-Naphthylamine	73124		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
2,3,4,6-Tetrachlorophenol			EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Diethylphthalate	34339		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Fluorene	34384		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
4-Chlorophenyl-phenylether	34644		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
4-Nitroaniline	78870		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Diphenylamine			EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
4,6-Dinitro-2-methylphenol	34660		EPA 8270C	Not Detected		ug/kg (dw)	5500	GJG	9/15/2000	
n-Nitrosodiphenylamine	34436		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
1,2-Diphenylhydrazine	34349		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
4-Bromophenyl-phenylether	34639		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Phenacetin	73117		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Hexachlorobenzene	39701		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
4-Aminobiphenyl	73125		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Pentachlorophenol	39061		EPA 8270C	Not Detected		ug/kg (dw)	5500	GJG	9/15/2000	
Pronamide	73031		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Pentachloronitrobenzene	81808		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Phenanthrene	34464		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Anthracene	34223		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Di-n-butylphthalate	39112		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Fluoranthene	34379		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Benzidine	39121		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Pyrene	34472		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
p-Dimethylaminoazobenzene	73116		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Butylbenzylphthalate	34295		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Benzo[a]anthracene	34529		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
3,3'-Dichlorobenzidine	34634		EPA 8270C	Not Detected		ug/kg (dw)	2200	GJG	9/15/2000	
Chyrsene	34323		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
bis(2-Ethylhexyl)phthalate	39102		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Di-n-octylphthalate	34599		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Benzo[b]fluoranthene	34233		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Benzo[k]fluoranthene	34245		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
7,12-Dimethylbenz(a)anthracene	73115		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Benzo[a]pyrene	34250		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
3-Methylcholanthrene	73156		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Dibenz(a,j)acridine			EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Indeno[1,2,3-cd]pyrene	34406		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Dibenz[a,h]anthracene	34559		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Benzo[g,h,i]perylene	34524		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Pyridine	73312		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Alpha-BHC	39076		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Gamma-BHC	39343		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Beta-BHC	34257		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Delta-BHC	34262		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Heptachlor	39413		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Aldrin	39333		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Heptachlor Epoxide	39423		EPA 8270C	Not Detected		ug/kg (dw)	2800	GJG	9/15/2000	
Endosulfan 1	34364		EPA 8270C	Not Detected		ug/kg (dw)	5500	GJG	9/15/2000	
Dieldrin	39383		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
p,p'-DDE	39321		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	

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ug/g: micrograms/gram
ppm: parts per million

< less than
MCL: Maximum Contaminant Level
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LSPC: result less than lower specification
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TIE: Tentatively Identified or Estimated
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Laboratory Contacts:

Inorganics:	Pat Sammons	Ext 5239
Metals:	Mark Tolbert	Ext 5240
Organics:	Danny Reed	Ext 5252
GC Mass Spec:	Steve Bryan	Ext 5260

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER	PQL	ANALYST	ANALYSIS DATE	MCL or QC Range
Endrin	39393		EPA 8270C	Not Detected	ug/kg (dw)		2200	GJG	9/15/2000	
Endosulfan 2	34359		EPA 8270C	Not Detected	ug/kg (dw)		5500	GJG	9/15/2000	
p,p'-DDD	39311		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Endrin Aldehyde	34369		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Endosulfan Sulfate	34354		EPA 8270C	Not Detected	ug/kg (dw)		2800	GJG	9/15/2000	
p,p'-DDT	39301		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Hexadecanoic Acid			EPA 8270C	1600 TIE	ug/kg (dw)		0.00	GJG	9/15/2000	
1-Octadecanol			EPA 8270C	15000 TIE	ug/kg (dw)		0.00	GJG	9/15/2000	
17-Pentatriacontene			EPA 8270C	1500 TIE	ug/kg (dw)		0.00	GJG	9/15/2000	
1-Dotriacontanol			EPA 8270C	3200 TIE	ug/kg (dw)		0.00	GJG	9/15/2000	
ICP Metals HW in Solids QC Batch 36308										
Silver	01078		EPA 6010B	Not Detected	mg/kg (dw)		1	PT	9/6/2000	
Arsenic	01003		EPA 6010B	69	mg/kg (dw)		8	PT	9/6/2000	
Barium	01008		EPA 6010B	25	mg/kg (dw)		1	PT	9/6/2000	
Cadmium	01028		EPA 6010B	Not Detected	mg/kg (dw)		1	PT	9/6/2000	
Chromium	01029		EPA 6010B	20	mg/kg (dw)		2	PT	9/6/2000	
Lead	01052		EPA 6010B	56	mg/kg (dw)		9	PT	9/6/2000	
Nickel	01068		EPA 6010B	3.9	mg/kg (dw)		2	PT	9/6/2000	
Selenium	01148		EPA 6010B	Not Detected	mg/kg (dw)		19	PT	9/6/2000	
Copper	01042		EPA 6010B	10	mg/kg (dw)		2	PT	9/6/2000	
QC Batch 36228										
Mercury			EPA 7471A	Not Detected	mg/kg (dw)		0.1	CN	9/7/2000	
Pesticides in Sediment/Soil QC Batch 36291										
TCMX surr std			EPA 8081A	5.85	ug/KG (dw)			PM	9/12/2000	*4.0 to 12*
DCB surr std			EPA 8081A	12.5	ug/KG (dw)			PM	9/12/2000	*8.0 to 24*
ALDRIN			EPA 8081A	Not Detected	ug/KG (dw)		3.5	PM	9/12/2000	
a-BHC			EPA 8081A	Not Detected	ug/KG (dw)		2.0	PM	9/12/2000	
b-BHC			EPA 8081A	Not Detected	ug/KG (dw)		3.0	PM	9/12/2000	
d-BHC			EPA 8081A	Not Detected	ug/KG (dw)		4.5	PM	9/12/2000	
LINDANE (g-BHC)			EPA 8081A	Not Detected	ug/KG (dw)		1.0	PM	9/12/2000	
CHLORDANE			EPA 8081A	Not Detected	ug/KG (dw)		50	PM	9/12/2000	
4,4-DDE			EPA 8081A	32	ug/KG (dw)		3.0	PM	9/12/2000	
4,4-DDD			EPA 8081A	9.5	ug/KG (dw)		7.5	PM	9/12/2000	
4,4-DDT			EPA 8081A	20	ug/KG (dw)		6.5	PM	9/12/2000	
DIELDRIN			EPA 8081A	Not Detected	ug/KG (dw)		2.0	PM	9/12/2000	
ENDOSULFAN I			EPA 8081A	Not Detected	ug/KG (dw)		5.0	PM	9/12/2000	
ENDOSULFAN II			EPA 8081A	Not Detected	ug/KG (dw)		7.5	PM	9/12/2000	
ENDOSULFAN SULFATE			EPA 8081A	Not Detected	ug/KG (dw)		8.0	PM	9/12/2000	
ENDRIN			EPA 8081A	Not Detected	ug/KG (dw)		7.5	PM	9/12/2000	
ENDRIN ALDEHYDE			EPA 8081A	Not Detected	ug/KG (dw)		3.5	PM	9/12/2000	
HEPTACHLOR			EPA 8081A	Not Detected	ug/KG (dw)		5.0	PM	9/12/2000	
HEPTACHLOR EPOXIDE			EPA 8081A	Not Detected	ug/KG (dw)		4.0	PM	9/12/2000	
TOXAPHENE			EPA 8081A	Not Detected	ug/KG (dw)		130	PM	9/12/2000	
CHLORPYRIFOS (DURSBAN)			EPA 8081A	Not Detected	ug/KG (dw)		5.0	PM	9/12/2000	
HEXACHLOROBENZENE			EPA 8081A	Not Detected	ug/KG (dw)		1.0	PM	9/12/2000	
METHOXYCHLOR			EPA 8081A	Not Detected	ug/KG (dw)		20	PM	9/12/2000	
MIREX			EPA 8081A	Not Detected	ug/KG (dw)		3.5	PM	9/12/2000	
PCBs in Sediments or Soils QC Batch 36497										
TCMX surr std			EPA 8082	5.85	ug/KG (dw)			PM	9/12/2000	*4.0 to 12.0*
DCBP surr std			EPA 8082	12.5	ug/KG (dw)			PM	9/12/2000	*8.0 to 24.0*

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Organics:	Danny Reed	Ext 5252
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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	PQL	ANALYST	ANALYSIS DATE	MCL or QC Range
PCB-1016			EPA 8082	Not Detected		ug/KG (dw)	33	PM	9/12/2000	
PCB-1221			EPA 8082	Not Detected		ug/KG (dw)	33	PM	9/12/2000	
PCB-1232			EPA 8082	Not Detected		ug/KG (dw)	33	PM	9/12/2000	
PCB-1242			EPA 8082	Not Detected		ug/KG (dw)	33	PM	9/12/2000	
PCB-1248			EPA 8082	Not Detected		ug/KG (dw)	33	PM	9/12/2000	
PCB-1254			EPA 8082	Not Detected		ug/KG (dw)	33	PM	9/12/2000	
PCB-1260			EPA 8082	Not Detected		ug/KG (dw)	33	PM	9/12/2000	
PCB-1262			EPA 8082	Not Detected		ug/KG (dw)	33	PM	9/12/2000	
Phenoxy Herbicides in Sediment QC Batch 36515										
DCAA-surr QC std			EPA 8151A	183		ug/KG		BG	9/12/2000	*80 to 280*
2,4-D			EPA 8151A	Not Detected		ug/KG	20	BG	9/12/2000	
SILVEX (2,4,5-TP)			EPA 8151A	Not Detected		ug/KG	4	BG	9/12/2000	

COMMENTS: $8260S -"B"- Blank had trace levels of Methylene Chloride due to lab contamination. 7-090700-239

COMMENTS: $8270S - Sample had 4 surrogates, 2-Fluorophenol (64% recovery, limits 22-63%), Phenol-d5(80% recovery, limits 18-73%), 2-Fluorobyphenyl (82% recovery, limits 28-81%), and Terphenyl-d14 (109% recovery, limits 44-92%) with recoveries outside acceptable control limits due to matrix interferences. LCS limits are within acceptable control limits. 7-091900-255

ug/L: micrograms/liter	<: less than	**Laboratory Contacts:**		
mg/L: milligrams/liter	MCL: Maximum Contaminant Level			
mg/kg: milligrams/kilogram	PQL: Practical Quantitation Limit	Inorganics:	Pat Sammons	Ext 5239
ug/kg:	LSPC: result less than lower specification	Metals:	Mark Tolbert	Ext 5240
micrograms/kilogram	USPC: result greater than upper specification	Organics:	Danny Reed	Ext 5252
ug/g: micrograms/gram	TIE: Tentatively Identified or Estimated	GC Mass Spec:	Steve Bryan	Ext 5260
ppm: parts per million	VIOL: Violation (result exceeds MCL)			

HAZARDOUS WASTE MANAGEMENT BRANCH (HWMB)
REQUEST FOR LABORATORY ANALYSIS

#5 0-12"

Location: Vienna Street Dump / Fort Valley

Collected By/Phone: James Sliwinski / (404) 656-2833

Date: 08/30/00 12:12

Submitted To Lab: 08/30/00

HWMB LOG NUMBER: 8406
(fill a separate Request Sheet for each sample point)

Sample ID AD02868
Location: HWMB
Description: HW8406 VIENNA ST.DUMP/FT VALL
Sample Collecto J.SLIWINSKI
Sample ID: AD02868

Analysis Needed By: Routine ✓ Other (specify) ____

Sample Description (check one)

Waste ____ Soil/Sediment ✓ Sludge ____
Ground Water ____ Surface Water ____ Drinking Water Well ____

Concentration of Organics Requested (estimated): High ____ Low ✓ Other (e.g., rinse blank - specify) ____

Describe Sample Including Source and Known Properties (e.g. pH, concentration):
Municipal and industrial dump site: metals, herbicides, pesticides, PCBs, semi-volatile and volatile organics. Soil near footpath in the city's park adjacent to apartment

Applicable Hazardous Waste Codes (if known) ____

Special Precautions: ____

ANALYSIS REQUIRED

(Note: Totals will always be run first. A TCLP will subsequently be run only if the total value indicates a positive TCLP could results)

1. TOTAL ORGANICS

		4 OZ. JARS	8 OZ. JARS	16 OZ. JARS	ENCORES
Semi-Volatiles (Acid & Base/Neutral)	✓				
Volatiles	✓				
Pesticides	✓				
Herbicides	✓				
Organophosphorous Pesticides					
PCB	✓				
BETX		1	2	1	4
Total Petroleum Hydrocarbon					

2. TOTAL METALS

ICP Metals Scan (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) ✓
Mercury ✓
Metals Special Requests: ____

Organics Special Requests: ____

3. TCLP ORGANICS

Volatiles ____ Pesticides ____
Semi-Volatiles (Acid & Base/Neutral) ____ Herbicides ____
Additional Specific Organics for TCLP: ____

4. TCLP METALS ANALYSIS

TCLP Metals (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) ____ Additional Metals for TCLP: ____
Mercury ____

5. ADDITIONAL ANALYSIS REQUESTED (see list on back): ____

Reviewed By: (HWMB): ____ Date: ____ Reviewed By (EPD Lab): M. Walker
Approved By:(HWMB): ____ Date: ____ Date (EPD Lab): 8/30/00

RECEIVED TEMP 0.0° MNW

GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

455 14th Street NW, Atlanta, GA 30318-7900
(404) 206-5269

LABORATORY REPORT

TO: Georgia Env Protection Divison Hazardous Waste Mgmt Branch 205 Butler St SE Suite 1154E Atlanta, GA 30334	Date Collected: 8/30/2000 Time Collected: 12:12 Sample Collector: J.SLIWINSKI Chlorination: Sample Type:
Sample ID: AD02868 Facility Name: HW8406 VIENNA ST.DUMP/FT VALL Site ID: HWMB Location ID: Location Descr: HW8406 SOIL NR.FOOTPATH IN CITY	Received By: MW Date Received: 8/30/2000 Time Received: 5:36 PM Project: HW Reporting Date: 10/5/2000 Received Temperature: 0.0 °C

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER	PQL	ANALYST	ANALYSIS DATE	MCL or QC Range
8260 Volatiles in Soil/Sed. QC Batch 36498										
Dibromofluoromethane(Surrogate QC Std.)			EPA 8260	53	ug/kg (dw)		0.00	AGV	9/6/2000	*33 to 75*
Toluene-d8(Surrogate QC Std.)			EPA 8260	53	ug/kg (dw)		0.00	AGV	9/6/2000	*39 to 68*
Bromofluorobenzene(Surrogate QC Std.)			EPA 8260	44	ug/kg (dw)		0.00	AGV	9/6/2000	*25 to 60*
1,2-Dichloroethane-d4(Surrogate QC Std.)			EPA 8260	49	ug/kg (dw)		4.9	AGV	9/6/2000	*35 to 65*
Dichlorodifluoromethane	34334		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/6/2000	
Chloromethane	34421		EPA 8260	Not Detected	ug/kg (dw)		9.9	AGV	9/6/2000	
Bromomethane	34416		EPA 8260	Not Detected	ug/kg (dw)		9.9	AGV	9/6/2000	
Vinyl Chloride	34495		EPA 8260	Not Detected	ug/kg (dw)		2.0	AGV	9/6/2000	
Chloroethane	34314		EPA 8260	Not Detected	ug/kg (dw)		9.9	AGV	9/6/2000	
Methylene Chloride	34426		EPA 8260	Trace	ug/kg (dw)	B	4.9	AGV	9/6/2000	
Trichlorofluoromethane	34491		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/6/2000	
Acetone	75059		EPA 8260	Trace	ug/kg (dw)		99	AGV	9/6/2000	
Dibromomethane	78756		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/6/2000	
trans-1,2-Dichloroethene	34549		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/6/2000	
Iodomethane	73121		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/6/2000	
Carbon Disulfide	78544		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/6/2000	
1,1-Dichloroethene	34504		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/6/2000	
1,1-Dichloroethane	34499		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/6/2000	
cis-1,2-Dichloroethene	77093		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/6/2000	
2,2-Dichloropropane	77170		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/6/2000	
Bromochloromethane	77297		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/6/2000	
Chloroform	34318		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/6/2000	
1,1-Dichloropropene	77168		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/6/2000	
1,2-Dichloroethane	34534		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/6/2000	
2-Butanone	75078		EPA 8260	Not Detected	ug/kg (dw)		99	AGV	9/6/2000	
1,1,1-Trichloroethane	34509		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/6/2000	
Carbon Tetrachloride	34299		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/6/2000	

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER PQL	ANALYST	ANALYSIS DATE	MCL or QC Range
Vinyl Acetate	78498		EPA 8260	Not Detected	ug/kg (dw)	50	AGV	9/6/2000	
Bromodichloromethane	34330		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/6/2000	
1,2-Dichloropropane	34544		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/6/2000	
Trichloroethene	34487		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/6/2000	
Benzene	34237		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/6/2000	
cis-1,3-Dichloropropene	34702		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/6/2000	
trans-1,3-Dichloropropene	34697		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/6/2000	
Dibromochloromethane	34309		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/6/2000	
1,1,2-Trichloroethane	34514		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/6/2000	
Bromoform	34290		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/6/2000	
1,2,3-Trichloropropane	78490		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/6/2000	
4-Methyl-2-Pentanone	75169		EPA 8260	Not Detected	ug/kg (dw)	50	AGV	9/6/2000	
2-Hexanone	75166		EPA 8260	Not Detected	ug/kg (dw)	50	AGV	9/6/2000	
Tetrachloroethene	34478		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/6/2000	
1,3-Dichloropropane	77173		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/6/2000	
1,1,2,2-Tetrachloroethane	34519		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/6/2000	
Toluene	34483		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/6/2000	
1,2-Dibromoethane	79749		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/6/2000	
Chlorobenzene	34304		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/6/2000	
Ethylbenzene	34374		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/6/2000	
1,1,1,2-Tetrachloroethane			EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/6/2000	
Styrene	75192		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/6/2000	
p,m-Xylene	45510		EPA 8260	Not Detected	ug/kg (dw)	9.9	AGV	9/6/2000	
o-Xylene	78362		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/6/2000	
Isopropylbenzene	77223		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/6/2000	
Bromobenzene	78491		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/6/2000	
n-Propylbenzene	77224		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/6/2000	
2-Chlorotoluene	77225		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/6/2000	
1,3,5-Trimethylbenzene	77226		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/6/2000	
4-Chlorotoluene	77277		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/6/2000	
tert-Butylbenzene	77353		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/6/2000	
1,2,4-Trimethylbenzene	34554		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/6/2000	
sec-Butylbenzene	77350		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/6/2000	
1,3-Dichlorobenzene	34569		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/6/2000	
p-Isopropyltoluene	77356		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/6/2000	
1,4-Dichlorobenzene	34574		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/6/2000	
n-Butylbenzene	77342		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/6/2000	
1,2-Dichlorobenzene	34539		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/6/2000	
1,2-Dibromo-3-chloropropane	99999		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/6/2000	
1,2,4-Trichlorobenzene	34554		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/6/2000	
Hexachlorobutadiene	39705		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/6/2000	
Naphthalene	34445		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/6/2000	
1,2,3-Trichlorobenzene	77613		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/6/2000	
8270 Semi-Vol in Soil/Sed QC Batch 36842									
2-Fluorophenol(Surrogate QC Std.)			EPA 8270C	59	ug/kg (dw)	0.00	GJG	9/15/2000	*22 to 63*
Phenol-d5(Surrogate QC Std.)			EPA 8270C	72	ug/kg (dw)	0.00	GJG	9/15/2000	*18 to 73*
Nitrobenzene-d5(Surrogate QC Std.)			EPA 8270C	64	ug/kg (dw)	0.00	GJG	9/15/2000	*25 to 81*
2-Fluorobiphenyl(Surrogate QC Std.)			EPA 8270C	76	ug/kg (dw)	0.00	GJG	9/15/2000	*28 to 81*
2,4,6-Tribromophenol(Surrogate QC Std.)			EPA 8270C	92	ug/kg (dw)	0.00	GJG	9/15/2000	*14 to 101*
Terphenyl-d14(Surrogate QC Std.)		U	EPA 8270C	99	ug/kg (dw)	0.00	GJG	9/15/2000	*44 to 92*
n-Nitrosodimethylamine	34441		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	

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Organics:	Danny Reed	Ext 5252
GC Mass Spec:	Steve Bryan	Ext 5260

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	PQL	ANALYST	ANALYSIS DATE	MCL or QC Range
2-Picoline	73310		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Methylmethanesulfonate	73119		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Ethylmethanesulfonate	73118		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Aniline	73185		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Phenol	34695		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
bis(2-Chloroethyl)ether	34276		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
2-Chlorophenol	34589		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
1,3-Dichlorobenzene	34569		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
1,4-Dichlorobenzene	34574		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Benzyl alcohol	75212		EPA 8270C	Not Detected		ug/kg (dw)	2100	GJG	9/15/2000	
1,2-Dichlorobenzene	34539		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
2-Methylphenol			EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
bis(2-Chloroisopropyl)ether	34286		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Acetophenone	73272		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
4-Methylphenol			EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
n-Nitroso-di-n-propylamine	34428		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Hexachloroethane	34399		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Nitrobenzene	34450		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
n-Nitrosopiperidine	73129		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Isophorone	34411		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
2-Nitrophenol	34594		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
2,4-Dimethylphenol	34609		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
bis(2-Chloroethoxy)methane	34281		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Benzoic acid	75315		EPA 8270C	Not Detected		ug/kg (dw)	5400	GJG	9/15/2000	
2,4-Dichlorophenol	34604		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
1,2,4-Trichlorobenzene	34554		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
aa-dimethyl-Phenethylamine	73136		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Naphthalene	34445		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
4-Chloroaniline	78867		EPA 8270C	Not Detected		ug/kg (dw)	2100	GJG	9/15/2000	
2,6-Dichlorophenol	73122		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Hexachlorobutadiene	38705		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
n-Nitroso-di-n-butylamine	73159		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
4-Chloro-3-methylphenol	34455		EPA 8270C	Not Detected		ug/kg (dw)	2100	GJG	9/15/2000	
2-Methylnaphthalene	78868		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
1,2,4,5-Tetrachlorobenzene	79787		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Hexachlorocyclopentadiene	34389		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
2,4,6-Trichlorophenol	34624		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
2,4,5-Trichlorophenol	78401		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
2-Chloronaphthalene	34584		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
1-Chloronaphthalene			EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
2-Nitroaniline	78299		EPA 8270C	Not Detected		ug/kg (dw)	5400	GJG	9/15/2000	
Dimethylphthalate	34344		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Acenaphthylene	34203		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
2,6-Dinitrotoluene	34629		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
3-Nitroaniline	78869		EPA 8270C	Not Detected		ug/kg (dw)	5400	GJG	9/15/2000	
Acenaphthene	34208		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
2,4-Dinitrophenol	34619		EPA 8270C	Not Detected		ug/kg (dw)	5400	GJG	9/15/2000	
4-Nitrophenol	34649		EPA 8270C	Not Detected		ug/kg (dw)	5400	GJG	9/15/2000	
Dibenzofuran	75647		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Pentachlorobenzene	79790		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
2,4-Dinitrotoluene	34614		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	

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PQL: Practical Quantitation Limit
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TIE: Tentatively Identified or Estimated
VIOL: Violation (result exceeds MCL)

Laboratory Contacts:

Inorganics:	Pat Sammons	Ext 5239
Metals:	Mark Tolbert	Ext 5240
Organics:	Danny Reed	Ext 5252
GC Mass Spec:	Steve Bryan	Ext 5260

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	PQL	ANALYST	ANALYSIS DATE	MCL or QC Range
1-Naphthylamine	73143		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
2-Naphthylamine	73124		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
2,3,4,6-Tetrachlorophenol			EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Diethylphthalate	34339		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Fluorene	34384		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
4-Chlorophenyl-phenylether	34644		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
4-Nitroaniline	78870		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Diphenylamine			EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
4,6-Dinitro-2-methylphenol	34660		EPA 8270C	Not Detected		ug/kg (dw)	5400	GJG	9/15/2000	
n-Nitrosodiphenylamine	34436		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
1,2-Diphenylhydrazine	34349		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
4-Bromophenyl-phenylether	34639		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Phenacetin	73117		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Hexachlorobenzene	39701		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
4-Aminobiphenyl	73125		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Pentachlorophenol	39061		EPA 8270C	Not Detected		ug/kg (dw)	5400	GJG	9/15/2000	
Pronamide	73031		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Pentachloronitrobenzene	81808		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Phenanthrene	34464		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Anthracene	34223		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Di-n-butylphthalate	39112		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Fluoranthene	34379		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Benzidine	39121		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Pyrene	34472		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
p-Dimethylaminoazobenzene	73116		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Butylbenzylphthalate	34295		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Benzo[a]anthracene	34529		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
3,3'-Dichlorobenzidine	34634		EPA 8270C	Not Detected		ug/kg (dw)	2100	GJG	9/15/2000	
Chyrsene	34323		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
bis(2-Ethylhexyl)phthalate	39102		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Di-n-octylphthalate	34599		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Benzo[b]fluoranthene	34233		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Benzo[k]fluoranthene	34245		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
7,12-Dimethylbenz(a)anthracene	73115		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Benzo[a]pyrene	34250		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
3-Methylcholanthrene	73156		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Dibenz(a,j)acridine			EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Indeno[1,2,3-cd]pyrene	34406		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Dibenz[a,h]anthracene	34559		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Benzo[g,h,i]perylene	34524		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Pyridine	73312		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Alpha-BHC	39076		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Gamma-BHC	39343		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Beta-BHC	34257		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Delta-BHC	34262		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Heptachlor	39413		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Aldrin	39333		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Heptachlor Epoxide	39423		EPA 8270C	Not Detected		ug/kg (dw)	2700	GJG	9/15/2000	
Endosulfan 1	34364		EPA 8270C	Not Detected		ug/kg (dw)	5400	GJG	9/15/2000	
Dieldrin	39383		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
p,p'-DDE	39321		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER PQL	ANALYST	ANALYSIS DATE	MCL or QC Range
Endrin	39393		EPA 8270C	Not Detected	ug/kg (dw)	2200	GJG	9/15/2000	
Endosulfan 2	34359		EPA 8270C	Not Detected	ug/kg (dw)	5400	GJG	9/15/2000	
p,p'-DDD	39311		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
Endrin Aldehyde	34369		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
Endosulfan Sulfate	34354		EPA 8270C	Not Detected	ug/kg (dw)	2700	GJG	9/15/2000	
p,p'-DDT	39301		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
Cyclododecane			EPA 8270C	3200 TIE	ug/kg (dw)	0.00	GJG	9/15/2000	
Hexadecanoic Acid			EPA 8270C	1900 TIE	ug/kg (dw)	0.00	GJG	9/15/2000	
1-Octadecanol			EPA 8270C	8200 TIE	ug/kg (dw)	0.00	GJG	9/15/2000	
ICP Metals HW in Solids QC Batch 36308									
Silver	01078		EPA 6010B	Not Detected	mg/kg (dw)	1	PT	9/6/2000	
Arsenic	01003		EPA 6010B	Not Detected	mg/kg (dw)	8	PT	9/6/2000	
Barium	01008		EPA 6010B	38	mg/kg (dw)	1	PT	9/6/2000	
Cadmium	01028		EPA 6010B	Not Detected	mg/kg (dw)	1	PT	9/6/2000	
Chromium	01029		EPA 6010B	24	mg/kg (dw)	2	PT	9/6/2000	
Lead	01052		EPA 6010B	22	mg/kg (dw)	9	PT	9/6/2000	
Nickel	01068		EPA 6010B	13	mg/kg (dw)	2	PT	9/6/2000	
Selenium	01148		EPA 6010B	Not Detected	mg/kg (dw)	19	PT	9/6/2000	
Copper	01042		EPA 6010B	15	mg/kg (dw)	2	PT	9/6/2000	
QC Batch 36228									
Mercury			EPA 7471A	Not Detected	mg/kg (dw)	0.1	CN	9/7/2000	
Pesticides in Sediment/Soil QC Batch 36291									
TCMX surr std			EPA 8081A	5.55	ug/KG (dw)		PM	9/8/2000	*4.0 to 12*
DCB surr std			EPA 8081A	13.4	ug/KG (dw)		PM	9/8/2000	*8.0 to 24*
ALDRIN			EPA 8081A	Not Detected	ug/KG (dw)	3.5	PM	9/8/2000	
a-BHC			EPA 8081A	Not Detected	ug/KG (dw)	2.0	PM	9/8/2000	
b-BHC			EPA 8081A	Not Detected	ug/KG (dw)	3.0	PM	9/8/2000	
d-BHC			EPA 8081A	Not Detected	ug/KG (dw)	4.5	PM	9/8/2000	
LINDANE (g-BHC)			EPA 8081A	Not Detected	ug/KG (dw)	1.0	PM	9/8/2000	
CHLORDANE			EPA 8081A	Not Detected	ug/KG (dw)	50	PM	9/8/2000	
4,4-DDE			EPA 8081A	5.9	ug/KG (dw)	3.0	PM	9/8/2000	
4,4-DDD			EPA 8081A	Not Detected	ug/KG (dw)	7.5	PM	9/8/2000	
4,4-DDT			EPA 8081A	Not Detected	ug/KG (dw)	6.5	PM	9/8/2000	
DIELDRIN			EPA 8081A	Not Detected	ug/KG (dw)	2.0	PM	9/8/2000	
ENDOSULFAN I			EPA 8081A	Not Detected	ug/KG (dw)	5.0	PM	9/8/2000	
ENDOSULFAN II			EPA 8081A	Not Detected	ug/KG (dw)	7.5	PM	9/8/2000	
ENDOSULFAN SULFATE			EPA 8081A	Not Detected	ug/KG (dw)	8.0	PM	9/8/2000	
ENDRIN			EPA 8081A	Not Detected	ug/KG (dw)	7.5	PM	9/8/2000	
ENDRIN ALDEHYDE			EPA 8081A	Not Detected	ug/KG (dw)	3.5	PM	9/8/2000	
HEPTACHLOR			EPA 8081A	Not Detected	ug/KG (dw)	5.0	PM	9/8/2000	
HEPTACHLOR EPOXIDE			EPA 8081A	Not Detected	ug/KG (dw)	4.0	PM	9/8/2000	
TOXAPHENE			EPA 8081A	Not Detected	ug/KG (dw)	130	PM	9/8/2000	
CHLORPYRIFOS (DURSBAN)			EPA 8081A	Not Detected	ug/KG (dw)	5.0	PM	9/8/2000	
HEXACHLOROBENZENE			EPA 8081A	Not Detected	ug/KG (dw)	1.0	PM	9/8/2000	
METHOXYCHLOR			EPA 8081A	Not Detected	ug/KG (dw)	20	PM	9/8/2000	
MIREX			EPA 8081A	Not Detected	ug/KG (dw)	3.5	PM	9/8/2000	
PCBs in Sediments or Soils QC Batch 36497									
TCMX surr std			EPA 8082	5.55	ug/KG (dw)		PM	9/8/2000	*4.0 to 12.0*
DCBP surr std			EPA 8082	13.4	ug/KG (dw)		PM	9/8/2000	*8.0 to 24.0*
PCB-1016			EPA 8082	Not Detected	ug/KG (dw)	33	PM	9/8/2000	

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER	PQL	ANALYST	ANALYSIS DATE	MCL or QC Range
PCB-1221			EPA 8082	Not Detected	ug/KG (dw)		33	PM	9/8/2000	
PCB-1232			EPA 8082	Not Detected	ug/KG (dw)		33	PM	9/8/2000	
PCB-1242			EPA 8082	Not Detected	ug/KG (dw)		33	PM	9/8/2000	
PCB-1248			EPA 8082	Not Detected	ug/KG (dw)		33	PM	9/8/2000	
PCB-1254			EPA 8082	Not Detected	ug/KG (dw)		33	PM	9/8/2000	
PCB-1260			EPA 8082	Not Detected	ug/KG (dw)		33	PM	9/8/2000	
PCB-1262			EPA 8082	Not Detected	ug/KG (dw)		33	PM	9/8/2000	
Phenoxy Herbicides in Sediment QC Batch 36515										
DCAA-surr QC std			EPA 8151A	187	ug/KG			BG	9/12/2000	*80 to 280*
2,4-D			EPA 8151A	Not Detected	ug/KG		20	BG	9/12/2000	
SILVEX (2,4,5-TP)			EPA 8151A	Not Detected	ug/KG		4	BG	9/12/2000	

COMMENTS: $8260S -"B"- Blank had trace levels of Methylene Chloride due to lab contamination. 7-090700-239

COMMENTS: $8270S - Sample had one surrogate, Terhphenyl-d14 (99% recovery, limits 44-92%) with a recovery outside acceptable limits due to matrix interferences. LCS results were within acceptable control limits. 7-091900-255

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...ASSESSMENT BRANCH (HWMB)

REQUEST FOR LABORATORY ANALYSIS

#4

4-8' deep

...Location: Vienna Street Dump / Fort Valley

...llected By/Phone: James Sliwinski / (404) 656-2833

...on Date: 08\30\00 10:10 LAB No.

Submitted To Lab: 08\30\00

HWMB LOG NUMBER: 8405

(File a separate Request Sheet for each sample point)

Sample ID AD02867
Location: HWMB
Description: HW8405 VIENNA ST.DUMP/FT VALL
Sample Collecto J.SLIWINSKI
Sample ID: AD02867

Analysis Needed By: Routine ✓ Other (specify) ____

Sample Description (check one)

Waste ____ Soil/Sediment ✓ Sludge ____
Ground Water ____ Surface Water ____ Drinking Water Well ____

Concentration of Organics Requested (estimated): High ____ Low ✓ Other (e.g., rinse blank - specify) ____

Describe Sample Including Source and Known Properties (e.g. pH, concentration):
Municipal and industrial dump site: metals, herbicides, pesticides, PCBs, semi-volatile and volatile organics. Subsurface soil at Indian Oaks playground, 4~6' deep

Applicable Hazardous Waste Codes (if known) ____ ____ ____

Special Precautions:

ANALYSIS REQUIRED

(Note: Totals will always be run first. A TCLP will subsequently be run only if the total value indicates a positive TCLP could results)

1. TOTAL ORGANICS

		4 OZ JARS	8 OZ JARS	16 OZ JARS	ENCORES
Semi-Volatiles (Acid & Base\Neutral)	✓				
Volatiles	✓				
Pesticides	✓				
Herbicides	✓				
Organophosphorous Pesticides					
PCB	✓				
BETX					
Total Petroleum Hydrocarbon					
		1	2	1	1

2. TOTAL METALS

ICP Metals Scan (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) ✓
Mercury ✓
Metals Special Requests: ____

Organics Special Requests: ____

3. TCLP ORGANICS

Volatiles ____ Pesticides ____
Semi-Volatiles (Acid & Base/Neutral) ____ Herbicides ____
Additional Specific Organics for TCLP: ____

4. TCLP METALS ANALYSIS

TCLP Metals (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) ____ Additional Metals for TCLP: ____
Mercury ____

5. ADDITIONAL ANALYSIS REQUESTED (see list on back): ____

Reviewed By: (HWMB): ____ Date: ____ Reviewed By (EPD Lab): M. Walker
Approved By:(HWMB): ____ Date: ____ Date (EPD Lab): 8/30/00

RECPT TEMP 0.0°

MNW

GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

455 14th Street NW, Atlanta, GA 30318-7900
(404) 206-5269

LABORATORY REPORT

TO: Georgia Env Protection Divison Hazardous Waste Mgmt Branch 205 Butler St SE Suite 1154E Atlanta, GA 30334	Date Collected: 8/30/2000 Time Collected: 10:10 Sample Collector: J.SLIWINSKI Chlorination: Sample Type:
Sample ID: AD02867 Facility Name: HW8405 VIENNA ST.DUMP/FT VALL Site ID: HWMB Location ID: Location Descr: HW8405 SOIL@INDIAN OAKS PLAYGRN	Received By: MW Date Received: 8/30/2000 Time Received: 5:36 PM Project: HW Reporting Date: 9/28/2000 Received Temperature: 0.0 ° C

ANALYTE	PARAMETER CODE	EPA NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER	PQL	ANALYST	ANALYSIS DATE	MCL or QC Range
8260 Volatiles in Soil/Sed. QC Batch 36498										
Dibromofluoromethane(Surrogate QC Std.)			EPA 8260	53	ug/kg (dw)		0.00	AGV	9/5/2000	*33 to 75*
Toluene-d8(Surrogate QC Std.)			EPA 8260	49	ug/kg (dw)		0.00	AGV	9/5/2000	*39 to 68*
Bromofluorobenzene(Surrogate QC Std.)			EPA 8260	50	ug/kg (dw)		0.00	AGV	9/5/2000	*25 to 60*
1,2-Dichloroethane-d4(Surrogate QC Std.)			EPA 8260	51	ug/kg (dw)		4.9	AGV	9/5/2000	*35 to 65*
Dichlorodifluoromethane	34334		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/5/2000	
Chloromethane	34421		EPA 8260	Not Detected	ug/kg (dw)		9.7	AGV	9/5/2000	
Bromomethane	34416		EPA 8260	Not Detected	ug/kg (dw)		9.7	AGV	9/5/2000	
Vinyl Chloride	34495		EPA 8260	Not Detected	ug/kg (dw)		1.9	AGV	9/5/2000	
Chloroethane	34314		EPA 8260	Not Detected	ug/kg (dw)		9.7	AGV	9/5/2000	
Methylene Chloride	34426		EPA 8260	Trace	ug/kg (dw)	B	4.9	AGV	9/5/2000	
Trichlorofluoromethane	34491		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/5/2000	
Acetone	75059		EPA 8260	Not Detected	ug/kg (dw)		97	AGV	9/5/2000	
Dibromomethane	78756		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/5/2000	
trans-1,2-Dichloroethene	34549		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/5/2000	
Iodomethane	73121		EPA 8260	Trace	ug/kg (dw)		4.9	AGV	9/5/2000	
Carbon Disulfide	78544		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/5/2000	
1,1-Dichloroethene	34504		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/5/2000	
1,1-Dichloroethane	34499		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/5/2000	
cis-1,2-Dichloroethene	77093		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/5/2000	
2,2-Dichloropropane	77170		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/5/2000	
Bromochloromethane	77297		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/5/2000	
Chloroform	34318		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/5/2000	
1,1-Dichloropropene	77168		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/5/2000	
1,2-Dichloroethane	34534		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/5/2000	
2-Butanone	75078		EPA 8260	Not Detected	ug/kg (dw)		97	AGV	9/5/2000	
1,1,1-Trichloroethane	34509		EPA 8260	Not Detected	ug/kg (dw)		4.9	AGV	9/5/2000	

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PQL: Practical Quantitation Limit
LSPC: result less than lower specification
USPC: result greater than upper specification
TIE: Tentatively Identified or Estimated
VIOL: Violation (result exceeds MCL)

Laboratory Contacts:

Inorganics:	Pat Sammons	Ext 5239
Metals:	Mark Tolbert	Ext 5240
Organics:	Danny Reed	Ext 5252
GC Mass Spec:	Steve Bryan	Ext 5260

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER PQL	ANALYST	ANALYSIS DATE	MCL or QC Range
Carbon Tetrachloride	34299		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
Vinyl Acetate	78498		EPA 8260	Not Detected	ug/kg (dw)	48	AGV	9/5/2000	
Bromodichloromethane	34330		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
1,2-Dichloropropane	34544		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
Trichloroethene	34487		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
Benzene	34237		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
cis-1,3-Dichloropropene	34702		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
trans-1,3-Dichloropropene	34697		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
Dibromochloromethane	34309		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
1,1,2-Trichloroethane	34514		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
Bromoform	34290		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
1,2,3-Trichloropropane	78499		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
4-Methyl-2-Pentanone	75169		EPA 8260	Not Detected	ug/kg (dw)	48	AGV	9/5/2000	
2-Hexanone	75166		EPA 8260	Not Detected	ug/kg (dw)	48	AGV	9/5/2000	
Tetrachloroethene	34478		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
1,3-Dichloropropane	77173		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
1,1,2,2-Tetrachloroethane	34519		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
Toluene	34483		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
1,2-Dibromoethane	79749		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
Chlorobenzene	34304		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
Ethylbenzene	34374		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
1,1,1,2-Tetrachloroethane			EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
Styrene	75192		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
p,m-Xylene	45510		EPA 8260	Not Detected	ug/kg (dw)	9.7	AGV	9/5/2000	
o-Xylene	78362		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
Isopropylbenzene	77223		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
Bromobenzene	78491		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
n-Propylbenzene	77224		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
2-Chlorotoluene	77225		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
1,3,5-Trimethylbenzene	77226		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
4-Chlorotoluene	77277		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
tert-Butylbenzene	77353		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
1,2,4-Trimethylbenzene	34554		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
sec-Butylbenzene	77350		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
1,3-Dichlorobenzene	34569		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
p-Isopropyltoluene	77356		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
1,4-Dichlorobenzene	34574		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
n-Butylbenzene	77342		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
1,2-Dichlorobenzene	34539		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
1,2-Dibromo-3-chloropropane	99999		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
1,2,4-Trichlorobenzene	34554		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
Hexachlorobutadiene	39705		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
Naphthalene	34445		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
1,2,3-Trichlorobenzene	77613		EPA 8260	Not Detected	ug/kg (dw)	4.9	AGV	9/5/2000	
8270 Semi-Vol in Soil/Sed QC Batch 36842									
2-Fluorophenol(Surrogate QC Std.)		U	EPA 8270C	66	ug/kg (dw)	0.00	GJG	9/15/2000	*22 to 63*
Phenol-d5(Surrogate QC Std.)		U	EPA 8270C	79	ug/kg (dw)	0.00	GJG	9/15/2000	*18 to 73*
Nitrobenzene-d5(Surrogate QC Std.)			EPA 8270C	78	ug/kg (dw)	0.00	GJG	9/15/2000	*25 to 81*
2-Fluorobiphenyl(Surrogate QC Std.)			EPA 8270C	80	ug/kg (dw)	0.00	GJG	9/15/2000	*28 to 81*

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER PQL	ANALYST	ANALYSIS DATE	MCL or QC Range
2,4,6-Tribromophenol(Surrogate QC Std.)			EPA 8270C	92	ug/kg (dw)	0.00	GJG	9/15/2000	14 to 101
Terphenyl-d14(Surrogate QC Std.)		U	EPA 8270C	120	ug/kg (dw)	0.00	GJG	9/15/2000	44 to 92
n-Nitrosodimethylamine	34441		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
2-Picoline	73310		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
Methylmethanesulfonate	73119		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
Ethylmethanesulfonate	73118		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
Aniline	73185		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
Phenol	34695		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
bis(2-Chloroethyl)ether	34276		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
2-Chlorophenol	34589		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
1,3-Dichlorobenzene	34569		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
1,4-Dichlorobenzene	34574		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
Benzyl alcohol	75212		EPA 8270C	Not Detected	ug/kg (dw)	2300	GJG	9/15/2000	
1,2-Dichlorobenzene	34539		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
2-Methylphenol			EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
bis(2-Chloroisopropyl)ether	34286		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
Acetophenone	73272		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
4-Methylphenol			EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
n-Nitroso-di-n-propylamine	34428		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
Hexachloroethane	34399		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
Nitrobenzene	34450		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
n-Nitrosopiperidine	73129		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
Isophorone	34411		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
2-Nitrophenol	34594		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
2,4-Dimethylphenol	34609		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
bis(2-Chloroethoxy)methane	34281		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
Benzoic acid	75315		EPA 8270C	Not Detected	ug/kg (dw)	5700	GJG	9/15/2000	
2,4-Dichlorophenol	34604		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
1,2,4-Trichlorobenzene	34554		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
aa-dimethyl-Phenethylamine	73136		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
Naphthalene	34445		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
4-Chloroaniline	78867		EPA 8270C	Not Detected	ug/kg (dw)	2300	GJG	9/15/2000	
2,6-Dichlorophenol	73122		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
Hexachlorobutadiene	38705		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
n-Nitroso-di-n-butylamine	73159		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
4-Chloro-3-methylphenol	34455		EPA 8270C	Not Detected	ug/kg (dw)	2300	GJG	9/15/2000	
2-Methylnaphthalene	78868		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
1,2,4,5-Tetrachlorobenzene	79787		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
Hexachlorocyclopentadiene	34389		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
2,4,6-Trichlorophenol	34624		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
2,4,5-Trichlorophenol	78401		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
2-Chloronaphthalene	34584		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
1-Chloronaphthalene			EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
2-Nitroaniline	78299		EPA 8270C	Not Detected	ug/kg (dw)	5700	GJG	9/15/2000	
Dimethylphthalate	34344		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
Acenaphthylene	34203		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
2,6-Dinitrotoluene	34629		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
3-Nitroaniline	78869		EPA 8270C	Not Detected	ug/kg (dw)	5700	GJG	9/15/2000	
Acenaphthene	34208		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER	PQL	ANALYST	ANALYSIS DATE	MCL or QC Range
2,4-Dinitrophenol	34619		EPA 8270C	Not Detected	ug/kg (dw)		5700	GJG	9/15/2000	
4-Nitrophenol	34649		EPA 8270C	Not Detected	ug/kg (dw)		5700	GJG	9/15/2000	
Dibenzofuran	75647		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Pentachlorobenzene	79790		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
2,4-Dinitrotoluene	34614		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
1-Naphthylamine	73143		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
2-Naphthylamine	73124		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
2,3,4,6-Tetrachlorophenol			EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Diethylphthalate	34339		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Fluorene	34384		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
4-Chlorophenyl-phenylether	34644		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
4-Nitroaniline	78870		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Diphenylamine			EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
4,6-Dinitro-2-methylphenol	34660		EPA 8270C	Not Detected	ug/kg (dw)		5700	GJG	9/15/2000	
n-Nitrosodiphenylamine	34436		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
1,2-Diphenylhydrazine	34349		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
4-Bromophenyl-phenylether	34639		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Phenacetin	73117		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Hexachlorobenzene	39701		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
4-Aminobiphenyl	73125		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Pentachlorophenol	39061		EPA 8270C	Not Detected	ug/kg (dw)		5700	GJG	9/15/2000	
Pronamide	73031		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Pentachloronitrobenzene	81808		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Phenanthrene	34464		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Anthracene	34223		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Di-n-butylphthalate	39112		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Fluoranthene	34379		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Benzidine	39121		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Pyrene	34472		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
p-Dimethylaminoazobenzene	73116		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Butylbenzylphthalate	34295		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Benzo[a]anthracene	34529		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
3,3'-Dichlorobenzidine	34634		EPA 8270C	Not Detected	ug/kg (dw)		2300	GJG	9/15/2000	
Chyrsene	34323		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
bis(2-Ethylhexyl)phthalate	39102		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Di-n-octylphthalate	34599		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Benzo[b]fluoranthene	34233		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Benzo[k]fluoranthene	34245		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
7,12-Dimethylbenz(a)anthracene	73115		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Benzo[a]pyrene	34250		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
3-Methylcholanthrene	73156		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Dibenz(a,j)acridine			EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Indeno[1,2,3-cd]pyrene	34406		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Dibenz[a,h]anthracene	34559		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Benzo[g,h,i]perylene	34524		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Pyridine	73312		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Alpha-BHC	39076		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Gamma-BHC	39343		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Beta-BHC	34257		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	

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Organics:	Danny Reed	Ext 5252
GC Mass Spec:	Steve Bryan	Ext 5260

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	PQL	ANALYST	ANALYSIS DATE	MCL or QC Range
Delta-BHC	34262		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Heptachlor	39413		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Aldrin	39333		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Heptachlor Epoxide	39423		EPA 8270C	Not Detected		ug/kg (dw)	2900	GJG	9/15/2000	
Endosulfan 1	34364		EPA 8270C	Not Detected		ug/kg (dw)	5700	GJG	9/15/2000	
Dieldrin	39383		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
p,p'-DDE	39321		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Endrin	39393		EPA 8270C	Not Detected		ug/kg (dw)	2300	GJG	9/15/2000	
Endosulfan 2	34359		EPA 8270C	Not Detected		ug/kg (dw)	5700	GJG	9/15/2000	
p,p'-DDD	39311		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Endrin Aldehyde	34369		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Endosulfan Sulfate	34354		EPA 8270C	Not Detected		ug/kg (dw)	2900	GJG	9/15/2000	
p,p'-DDT	39301		EPA 8270C	Not Detected		ug/kg (dw)	1100	GJG	9/15/2000	
Hexadecanoic acid			EPA 8270C	1700 TIE		ug/kg (dw)	0.00	GJG	9/15/2000	
Octacecanoic acid			EPA 8270C	2400 TIE		ug/kg (dw)	0.00	GJG	9/15/2000	
Hexadecanol			EPA 8270C	2100 TIE		ug/kg (dw)	0.00	GJG	9/15/2000	
1-Octadecanol			EPA 8270C	13000 TIE		ug/kg (dw)	0.00	GJG	9/15/2000	
ICP Metals HW in Solids QC Batch 36308										
Silver	01078		EPA 6010B	Not Detected		mg/kg (dw)	1	PT	9/6/2000	
Arsenic	01003		EPA 6010B	Not Detected		mg/kg (dw)	8	PT	9/6/2000	
Barium	01008		EPA 6010B	62		mg/kg (dw)	1	PT	9/6/2000	
Cadmium	01028		EPA 6010B	Not Detected		mg/kg (dw)	1	PT	9/6/2000	
Chromium	01029		EPA 6010B	43		mg/kg (dw)	2	PT	9/6/2000	
Lead	01052		EPA 6010B	22		mg/kg (dw)	9	PT	9/6/2000	
Nickel	01068		EPA 6010B	7.0		mg/kg (dw)	2	PT	9/6/2000	
Selenium	01148		EPA 6010B	Not Detected		mg/kg (dw)	19	PT	9/6/2000	
Copper	01042		EPA 6010B	5.3		mg/kg (dw)	2	PT	9/6/2000	
QC Batch 36228										
Mercury			EPA 7471A	Not Detected		mg/kg (dw)	0.1	CN	9/7/2000	
Pesticides in Sediment/Soil QC Batch 36291										
TCMX surr std			EPA 8081A	6.95		ug/KG (dw)		PM	9/13/2000	4.0 to 12
DCB surr std			EPA 8081A	15.0		ug/KG (dw)		PM	9/13/2000	8.0 to 24
ALDRIN			EPA 8081A	Not Detected		ug/KG (dw)	3.5	PM	9/13/2000	
a-BHC			EPA 8081A	Not Detected		ug/KG (dw)	2.0	PM	9/13/2000	
b-BHC			EPA 8081A	Not Detected		ug/KG (dw)	3.0	PM	9/13/2000	
d-BHC			EPA 8081A	Not Detected		ug/KG (dw)	4.5	PM	9/13/2000	
LINDANE (g-BHC)			EPA 8081A	Not Detected		ug/KG (dw)	1.0	PM	9/13/2000	
CHLORDANE			EPA 8081A	Not Detected		ug/KG (dw)	50	PM	9/13/2000	
4,4-DDE			EPA 8081A	Not Detected		ug/KG (dw)	3.0	PM	9/13/2000	
4,4-DDD			EPA 8081A	Not Detected		ug/KG (dw)	7.5	PM	9/13/2000	
4,4-DDT			EPA 8081A	Not Detected		ug/KG (dw)	6.5	PM	9/13/2000	
DIELDRIN			EPA 8081A	Not Detected		ug/KG (dw)	2.0	PM	9/13/2000	
ENDOSULFAN I			EPA 8081A	Not Detected		ug/KG (dw)	5.0	PM	9/13/2000	
ENDOSULFAN II			EPA 8081A	Not Detected		ug/KG (dw)	7.5	PM	9/13/2000	
ENDOSULFAN SULFATE			EPA 8081A	Not Detected		ug/KG (dw)	8.0	PM	9/13/2000	
ENDRIN			EPA 8081A	Not Detected		ug/KG (dw)	7.5	PM	9/13/2000	
ENDRIN ALDEHYDE			EPA 8081A	Not Detected		ug/KG (dw)	3.5	PM	9/13/2000	
HEPTACHLOR			EPA 8081A	Not Detected		ug/KG (dw)	5.0	PM	9/13/2000	

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HEPTACHLOR EPOXIDE			EPA 8081A	Not Detected		ug/KG (dw)	4.0	PM	9/13/2000	
TOXAPHENE			EPA 8081A	Not Detected		ug/KG (dw)	130	PM	9/13/2000	
CHLORPYRIFOS (DURSBAN)			EPA 8081A	Not Detected		ug/KG (dw)	5.0	PM	9/13/2000	
HEXACHLOROBENZENE			EPA 8081A	Not Detected		ug/KG (dw)	1.0	PM	9/13/2000	
METHOXYCHLOR			EPA 8081A	Not Detected		ug/KG (dw)	20	PM	9/13/2000	
MIREX			EPA 8081A	Not Detected		ug/KG (dw)	3.5	PM	9/13/2000	
PCBs in Sediments or Soils QC Batch 36497										
TCMX surr std			EPA 8082	6.95		ug/KG (dw)		PM	9/13/2000	*4.0 to 12.0*
DCBP surr std			EPA 8082	15.0		ug/KG (dw)		PM	9/13/2000	*8.0 to 24.0*
PCB-1016			EPA 8082	Not Detected		ug/KG (dw)	33	PM	9/13/2000	
PCB-1221			EPA 8082	Not Detected		ug/KG (dw)	33	PM	9/13/2000	
PCB-1232			EPA 8082	Not Detected		ug/KG (dw)	33	PM	9/13/2000	
PCB-1242			EPA 8082	Not Detected		ug/KG (dw)	33	PM	9/13/2000	
PCB-1248			EPA 8082	Not Detected		ug/KG (dw)	33	PM	9/13/2000	
PCB-1254			EPA 8082	Not Detected		ug/KG (dw)	33	PM	9/13/2000	
PCB-1260			EPA 8082	Not Detected		ug/KG (dw)	33	PM	9/13/2000	
PCB-1262			EPA 8082	Not Detected		ug/KG (dw)	33	PM	9/13/2000	
Phenoxy Herbicides in Sediment QC Batch 36515										
DCAA-surr QC std			EPA 8151A	144		ug/KG		BG	9/12/2000	*80 to 280*
2,4-D			EPA 8151A	Not Detected		ug/KG	20	BG	9/12/2000	
SILVEX (2,4,5-TP)			EPA 8151A	Not Detected		ug/KG	4	BG	9/12/2000	

COMMENTS: $8260S -"B"- Blank had trace levels of Methylene Chloride due to lab contamination. 7-090700-239

COMMENTS: $8270S - Sample had three surrogate compounds, 2-Fluorophenol (66% recovery, limits 22-63%), Phenol-d5 (79% recovery, limits 18-73%), and Terphenyl-d14 (120% recovery, limits 44-92%) with recoveries outside acceptable control limits due to matrix interferences. LCS results were within acceptable control limits 7-091900-255

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REQUEST FOR LABORATORY ANALYSIS

#3, 0-12

ation: Vienna Street Dump / Fort Valley

d By/Phone: James Sliwinski / (404) 656-2833

GHL

e: 13:05 pm 08/29/00 LAB No.

ted To Lab: 08/29/00

Sample ID AD02393
Location: HWMB
Description: VIENNA STREET DUMP HW8404
Sample Collecto J SLIWINSKI
Entry Point:
Due Date: 12/30/1999

OG NUMBER: 8404
(Waste Request Sheet for each sample point)

sis Needed By: Routine ✓ Other (specify) ___

ple Description (check one)

Waste ___ Soil/Sediment ✓ Sludge ___
Ground Water ___ Surface Water ___ Drinking Water Well ___

Concentration of Organics Requested (estimated): High ___ Low ✓ Other (e.g., rinse blank - specify) ___

Describe Sample Including Source and Known Properties (e.g. pH, concentration):
Municipal and industrial dump site: metals, herbicides, pesticides, PCBs, semi-volatile and volatile organics

Applicable Hazardous Waste Codes (if known): ___

Special Precautions: ___

ANALYSIS REQUIRED

(Note: Totals will always be run first. A TCLP will subsequently be run only if the total value indicates a positive TCLP could results)

1. TOTAL ORGANICS

Semi-Volatiles (Acid & Base\Neutral)	✓	1 4 OZ. JARS
Volatiles	✓	2 8 OZ. JARS
Pesticides	✓	
Herbicides	✓	1 16 OZ. JARS
Organophosphorous Pesticides		
PCB	✓	4 encores
BETX		
Total Petroleum Hydrocarbon		

2. TOTAL METALS

ICP Metals Scan (Ag,As,Ba,Cd,Cr,Ni,Pb,Se)	✓
Mercury	✓
Metals Special Requests:	

Organics Special Requests: ___

3. TCLP ORGANICS

Volatiles ___ Pesticides ___
Semi-Volatiles (Acid & Base/Neutral) ___ Herbicides ___
Additional Specific Organics for TCLP: ___

4. TCLP METALS ANALYSIS

TCLP Metals (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) ___ Additional Metals for TCLP: ___
Mercury ___

5. ADDITIONAL ANALYSIS REQUESTED (see list on back): ___

Reviewed By: (HWMB): ___ Date: ___ Reviewed By (EPD Lab): GHL
Approved By:(HWMB): ___ Date: ___ Date (EPD Lab): 8-29-00

PT TEMP 0.0

GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

455 14th Street NW, Atlanta, GA 30318-7900
(404) 206-5269

LABORATORY REPORT

TO: Georgia Env Protection Divison Hazardous Waste Mgmt Branch 205 Butler St SE Suite 1154E Atlanta, GA 30334	Date Collected: 8/29/2000 Time Collected: 13:05 Sample Collector: J SLIWINSKI Chlorination: Sample Type:
Sample ID: AD02393 Facility Name: VIENNA STREET DUMP HW8404 Site ID: HWMB Location ID: Location Descr: HW8404 FORT VALLEY	Received By: GHL Date Received: 8/30/2000 Time Received: 8:52 AM Project: HW Reporting Date: 9/28/2000 Received Temperature: 0.0 °C

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER	PQL	ANALYST	ANALYSIS DATE	MCL or QC Range
8260 Volatiles in Soil/Sed. QC Batch 36491										
Dibromofluoromethane(Surrogate QC Std.)			EPA 8260	56	ug/kg (dw)		0.00	AGV	8/31/2000	*33 to 75*
Toluene-d8(Surrogate QC Std.)			EPA 8260	65	ug/kg (dw)		0.00	AGV	8/31/2000	*39 to 68*
Bromofluorobenzene(Surrogate QC Std.)			EPA 8260	39	ug/kg (dw)		0.00	AGV	8/31/2000	*25 to 60*
1,2-Dichloroethane-d4(Surrogate QC Std.)			EPA 8260	55	ug/kg (dw)		5.8	AGV	8/31/2000	*35 to 65*
Dichlorodifluoromethane	34334		EPA 8260	Not Detected	ug/kg (dw)		5.8	AGV	8/31/2000	
Chloromethane	34421		EPA 8260	Not Detected	ug/kg (dw)		12	AGV	8/31/2000	
Bromomethane	34416		EPA 8260	Not Detected	ug/kg (dw)		12	AGV	8/31/2000	
Vinyl Chloride	34495		EPA 8260	Not Detected	ug/kg (dw)		2.3	AGV	8/31/2000	
Chloroethane	34314		EPA 8260	Not Detected	ug/kg (dw)		12	AGV	8/31/2000	
Methylene Chloride	34426		EPA 8260	Not Detected	ug/kg (dw)	B	5.8	AGV	8/31/2000	
Trichlorofluoromethane	34491		EPA 8260	Not Detected	ug/kg (dw)		5.8	AGV	8/31/2000	
Acetone	75059		EPA 8260	Not Detected	ug/kg (dw)		120	AGV	8/31/2000	
Dibromomethane	78756		EPA 8260	Not Detected	ug/kg (dw)		5.8	AGV	8/31/2000	
trans-1,2-Dichloroethene	34549		EPA 8260	Not Detected	ug/kg (dw)		5.8	AGV	8/31/2000	
Iodomethane	73121		EPA 8260	Not Detected	ug/kg (dw)		5.8	AGV	8/31/2000	
Carbon Disulfide	78544		EPA 8260	Not Detected	ug/kg (dw)		5.8	AGV	8/31/2000	
1,1-Dichloroethene	34504		EPA 8260	Not Detected	ug/kg (dw)		5.8	AGV	8/31/2000	
1,1-Dichloroethane	34499		EPA 8260	Not Detected	ug/kg (dw)		5.8	AGV	8/31/2000	
cis-1,2-Dichloroethene	77093		EPA 8260	Not Detected	ug/kg (dw)		5.8	AGV	8/31/2000	
2,2-Dichloropropane	77170		EPA 8260	Not Detected	ug/kg (dw)		5.8	AGV	8/31/2000	
Bromochloromethane	77297		EPA 8260	Not Detected	ug/kg (dw)		5.8	AGV	8/31/2000	
Chloroform	34318		EPA 8260	Not Detected	ug/kg (dw)		5.8	AGV	8/31/2000	
1,1-Dichloropropene	77168		EPA 8260	Not Detected	ug/kg (dw)		5.8	AGV	8/31/2000	
1,2-Dichloroethane	34534		EPA 8260	Not Detected	ug/kg (dw)		5.8	AGV	8/31/2000	
2-Butanone	75078		EPA 8260	Not Detected	ug/kg (dw)		120	AGV	8/31/2000	
1,1,1-Trichloroethane	34509		EPA 8260	Not Detected	ug/kg (dw)		5.8	AGV	8/31/2000	

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Carbon Tetrachloride	34299		EPA 8260	Trace	ug/kg (dw)		5.8	AGV	8/31/2000	
Vinyl Acetate	78498		EPA 8260	Not Detected	ug/kg (dw)		58	AGV	8/31/2000	
Bromodichloromethane	34330		EPA 8260	Not Detected	ug/kg (dw)		5.8	AGV	8/31/2000	
1,2-Dichloropropane	34544		EPA 8260	Not Detected	ug/kg (dw)		5.8	AGV	8/31/2000	
Trichloroethene	34487		EPA 8260	Not Detected	ug/kg (dw)		5.8	AGV	8/31/2000	
Benzene	34237		EPA 8260	9.5	ug/kg (dw)		5.8	AGV	8/31/2000	
cis-1,3-Dichloropropene	34702		EPA 8260	Not Detected	ug/kg (dw)		5.8	AGV	8/31/2000	
trans-1,3-Dichloropropene	34697		EPA 8260	Not Detected	ug/kg (dw)		5.8	AGV	8/31/2000	
Dibromochloromethane	34309		EPA 8260	Not Detected	ug/kg (dw)		5.8	AGV	8/31/2000	
1,1,2-Trichloroethane	34514		EPA 8260	Not Detected	ug/kg (dw)		5.8	AGV	8/31/2000	
Bromoform	34290		EPA 8260	Not Detected	ug/kg (dw)		5.8	AGV	8/31/2000	
1,2,3-Trichloropropane	78490		EPA 8260	Not Detected	ug/kg (dw)		5.8	AGV	8/31/2000	
4-Methyl-2-Pentanone	75169		EPA 8260	Not Detected	ug/kg (dw)		58	AGV	8/31/2000	
2-Hexanone	75166		EPA 8260	Not Detected	ug/kg (dw)		58	AGV	8/31/2000	
Tetrachloroethene	34478		EPA 8260	Not Detected	ug/kg (dw)		5.8	AGV	8/31/2000	
1,3-Dichloropropane	77173		EPA 8260	Not Detected	ug/kg (dw)		5.8	AGV	8/31/2000	
1,1,2,2-Tetrachloroethane	34519		EPA 8260	Not Detected	ug/kg (dw)		5.8	AGV	8/31/2000	
Toluene	34483		EPA 8260	7.4	ug/kg (dw)		5.8	AGV	8/31/2000	
1,2-Dibromoethane	79749		EPA 8260	Not Detected	ug/kg (dw)		5.8	AGV	8/31/2000	
Chlorobenzene	34304		EPA 8260	Not Detected	ug/kg (dw)		5.8	AGV	8/31/2000	
Ethylbenzene	34374		EPA 8260	Not Detected	ug/kg (dw)		5.8	AGV	8/31/2000	
1,1,1,2-Tetrachloroethane			EPA 8260	Not Detected	ug/kg (dw)		5.8	AGV	8/31/2000	
Styrene	75192		EPA 8260	Not Detected	ug/kg (dw)		5.8	AGV	8/31/2000	
p,m-Xylene	45510		EPA 8260	Trace	ug/kg (dw)		12	AGV	8/31/2000	
o-Xylene	78362		EPA 8260	Not Detected	ug/kg (dw)		5.8	AGV	8/31/2000	
Isopropylbenzene	77223		EPA 8260	Not Detected	ug/kg (dw)	J	5.8	AGV	8/31/2000	
Bromobenzene	78491		EPA 8260	Not Detected	ug/kg (dw)	J	5.8	AGV	8/31/2000	
n-Propylbenzene	77224		EPA 8260	Trace	ug/kg (dw)	J	5.8	AGV	8/31/2000	
2-Chlorotoluene	77225		EPA 8260	Not Detected	ug/kg (dw)	J	5.8	AGV	8/31/2000	
1,3,5-Trimethylbenzene	77226		EPA 8260	Trace	ug/kg (dw)	J	5.8	AGV	8/31/2000	
4-Chlorotoluene	77277		EPA 8260	Not Detected	ug/kg (dw)	J	5.8	AGV	8/31/2000	
tert-Butylbenzene	77353		EPA 8260	Not Detected	ug/kg (dw)	J	5.8	AGV	8/31/2000	
1,2,4-Trimethylbenzene	34554		EPA 8260	Trace	ug/kg (dw)	J	5.8	AGV	8/31/2000	
sec-Butylbenzene	77350		EPA 8260	Not Detected	ug/kg (dw)	J	5.8	AGV	8/31/2000	
1,3-Dichlorobenzene	34569		EPA 8260	Not Detected	ug/kg (dw)	J	5.8	AGV	8/31/2000	
p-Isopropyltoluene	77356		EPA 8260	Not Detected	ug/kg (dw)	J	5.8	AGV	8/31/2000	
1,4-Dichlorobenzene	34574		EPA 8260	Not Detected	ug/kg (dw)	J	5.8	AGV	8/31/2000	
n-Butylbenzene	77342		EPA 8260	Trace	ug/kg (dw)	J	5.8	AGV	8/31/2000	
1,2-Dichlorobenzene	34539		EPA 8260	Not Detected	ug/kg (dw)	J	5.8	AGV	8/31/2000	
1,2-Dibromo-3-chloropropane	99999		EPA 8260	Not Detected	ug/kg (dw)	J	5.8	AGV	8/31/2000	
1,2,4-Trichlorobenzene	34554		EPA 8260	Not Detected	ug/kg (dw)	J	5.8	AGV	8/31/2000	
Hexachlorobutadiene	39705		EPA 8260	Not Detected	ug/kg (dw)	J	5.8	AGV	8/31/2000	
Naphthalene	34445		EPA 8260	Trace	ug/kg (dw)	J	5.8	AGV	8/31/2000	
1,2,3-Trichlorobenzene	77613		EPA 8260	Not Detected	ug/kg (dw)	J	5.8	AGV	8/31/2000	
Decane			EPA 8260	17 TIE	ug/kg (dw)		0.00	AGV	8/31/2000	
Undecane			EPA 8260	18 TIE	ug/kg (dw)		0.00	AGV	8/31/2000	
8270 Semi-Vol in Soil/Sed QC Batch 36842										
2-Fluorophenol(Surrogate QC Std.)		U	EPA 8270C	67	ug/kg (dw)		0.00	GJG	9/15/2000	*22 to 63*
Phenol-d5(Surrogate QC Std.)		U	EPA 8270C	80	ug/kg (dw)		0.00	GJG	9/15/2000	*18 to 73*

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Organics:	Danny Reed	Ext 5252
GC Mass Spec:	Steve Bryan	Ext 5260

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER PQL	ANALYST	ANALYSIS DATE	MCL or QC Range
Nitrobenzene-d5(Surrogate QC Std.)			EPA 8270C	78	ug/kg (dw)	0.00	GJG	9/15/2000	25 to 81
2-Fluorobiphenyl(Surrogate QC Std.)			EPA 8270C	81	ug/kg (dw)	0.00	GJG	9/15/2000	28 to 81
2,4,6-Tribromophenol(Surrogate QC Std.)			EPA 8270C	99	ug/kg (dw)	0.00	GJG	9/15/2000	14 to 101
Terphenyl-d14(Surrogate QC Std.)		U	EPA 8270C	100	ug/kg (dw)	0.00	GJG	9/15/2000	44 to 92
n-Nitrosodimethylamine	34441		EPA 8270C	Not Detected	ug/kg (dw)	1200	GJG	9/15/2000	
2-Picoline	73310		EPA 8270C	Not Detected	ug/kg (dw)	1200	GJG	9/15/2000	
Methylmethanesulfonate	73119		EPA 8270C	Not Detected	ug/kg (dw)	1200	GJG	9/15/2000	
Ethylmethanesulfonate	73118		EPA 8270C	Not Detected	ug/kg (dw)	1200	GJG	9/15/2000	
Aniline	73185		EPA 8270C	Not Detected	ug/kg (dw)	1200	GJG	9/15/2000	
Phenol	34695		EPA 8270C	Not Detected	ug/kg (dw)	1200	GJG	9/15/2000	
bis(2-Chloroethyl)ether	34276		EPA 8270C	Not Detected	ug/kg (dw)	1200	GJG	9/15/2000	
2-Chlorophenol	34589		EPA 8270C	Not Detected	ug/kg (dw)	1200	GJG	9/15/2000	
1,3-Dichlorobenzene	34569		EPA 8270C	Not Detected	ug/kg (dw)	1200	GJG	9/15/2000	
1,4-Dichlorobenzene	34574		EPA 8270C	Not Detected	ug/kg (dw)	1200	GJG	9/15/2000	
Benzyl alcohol	75212		EPA 8270C	Not Detected	ug/kg (dw)	2300	GJG	9/15/2000	
1,2-Dichlorobenzene	34539		EPA 8270C	Not Detected	ug/kg (dw)	1200	GJG	9/15/2000	
2-Methylphenol			EPA 8270C	Not Detected	ug/kg (dw)	1200	GJG	9/15/2000	
bis(2-Chloroisopropyl)ether	34286		EPA 8270C	Not Detected	ug/kg (dw)	1200	GJG	9/15/2000	
Acetophenone	73272		EPA 8270C	Not Detected	ug/kg (dw)	1200	GJG	9/15/2000	
4-Methylphenol			EPA 8270C	Not Detected	ug/kg (dw)	1200	GJG	9/15/2000	
n-Nitroso-di-n-propylamine	34428		EPA 8270C	Not Detected	ug/kg (dw)	1200	GJG	9/15/2000	
Hexachloroethane	34399		EPA 8270C	Not Detected	ug/kg (dw)	1200	GJG	9/15/2000	
Nitrobenzene	34450		EPA 8270C	Not Detected	ug/kg (dw)	1200	GJG	9/15/2000	
n-Nitrosopiperidine	73129		EPA 8270C	Not Detected	ug/kg (dw)	1200	GJG	9/15/2000	
Isophorone	34411		EPA 8270C	Not Detected	ug/kg (dw)	1200	GJG	9/15/2000	
2-Nitrophenol	34594		EPA 8270C	Not Detected	ug/kg (dw)	1200	GJG	9/15/2000	
2,4-Dimethylphenol	34609		EPA 8270C	Not Detected	ug/kg (dw)	1200	GJG	9/15/2000	
bis(2-Chloroethoxy)methane	34281		EPA 8270C	Not Detected	ug/kg (dw)	1200	GJG	9/15/2000	
Benzoic acid	75315		EPA 8270C	Not Detected	ug/kg (dw)	5800	GJG	9/15/2000	
2,4-Dichlorophenol	34604		EPA 8270C	Not Detected	ug/kg (dw)	1200	GJG	9/15/2000	
1,2,4-Trichlorobenzene	34554		EPA 8270C	Not Detected	ug/kg (dw)	1200	GJG	9/15/2000	
aa-dimethyl-Phenethylamine	73136		EPA 8270C	Not Detected	ug/kg (dw)	1200	GJG	9/15/2000	
Naphthalene	34445		EPA 8270C	Not Detected	ug/kg (dw)	1200	GJG	9/15/2000	
4-Chloroaniline	78867		EPA 8270C	Not Detected	ug/kg (dw)	2300	GJG	9/15/2000	
2,6-Dichlorophenol	73122		EPA 8270C	Not Detected	ug/kg (dw)	1200	GJG	9/15/2000	
Hexachlorobutadiene	38705		EPA 8270C	Not Detected	ug/kg (dw)	1200	GJG	9/15/2000	
n-Nitroso-di-n-butylamine	73159		EPA 8270C	Not Detected	ug/kg (dw)	1200	GJG	9/15/2000	
4-Chloro-3-methylphenol	34455		EPA 8270C	Not Detected	ug/kg (dw)	2300	GJG	9/15/2000	
2-Methylnaphthalene	78868		EPA 8270C	Not Detected	ug/kg (dw)	1200	GJG	9/15/2000	
1,2,4,5-Tetrachlorobenzene	79787		EPA 8270C	Not Detected	ug/kg (dw)	1200	GJG	9/15/2000	
Hexachlorocyclopentadiene	34389		EPA 8270C	Not Detected	ug/kg (dw)	1200	GJG	9/15/2000	
2,4,6-Trichlorophenol	34624		EPA 8270C	Not Detected	ug/kg (dw)	1200	GJG	9/15/2000	
2,4,5-Trichlorophenol	78401		EPA 8270C	Not Detected	ug/kg (dw)	1200	GJG	9/15/2000	
2-Chloronaphthalene	34584		EPA 8270C	Not Detected	ug/kg (dw)	1200	GJG	9/15/2000	
1-Chloronaphthalene			EPA 8270C	Not Detected	ug/kg (dw)	1200	GJG	9/15/2000	
2-Nitroaniline	78299		EPA 8270C	Not Detected	ug/kg (dw)	5800	GJG	9/15/2000	
Dimethylphthalate	34344		EPA 8270C	Not Detected	ug/kg (dw)	1200	GJG	9/15/2000	
Acenaphthylene	34203		EPA 8270C	Not Detected	ug/kg (dw)	1200	GJG	9/15/2000	
2,6-Dinitrotoluene	34629		EPA 8270C	Not Detected	ug/kg (dw)	1200	GJG	9/15/2000	

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3-Nitroaniline	78869		EPA 8270C	Not Detected		ug/kg (dw)	5800	GJG	9/15/2000	
Acenaphthene	34208		EPA 8270C	Not Detected		ug/kg (dw)	1200	GJG	9/15/2000	
2,4-Dinitrophenol	34619		EPA 8270C	Not Detected		ug/kg (dw)	5800	GJG	9/15/2000	
4-Nitrophenol	34649		EPA 8270C	Not Detected		ug/kg (dw)	5800	GJG	9/15/2000	
Dibenzofuran	75647		EPA 8270C	Not Detected		ug/kg (dw)	1200	GJG	9/15/2000	
Pentachlorobenzene	79790		EPA 8270C	Not Detected		ug/kg (dw)	1200	GJG	9/15/2000	
2,4-Dinitrotoluene	34614		EPA 8270C	Not Detected		ug/kg (dw)	1200	GJG	9/15/2000	
1-Naphthylamine	73143		EPA 8270C	Not Detected		ug/kg (dw)	1200	GJG	9/15/2000	
2-Naphthylamine	73124		EPA 8270C	Not Detected		ug/kg (dw)	1200	GJG	9/15/2000	
2,3,4,6-Tetrachlorophenol			EPA 8270C	Not Detected		ug/kg (dw)	1200	GJG	9/15/2000	
Diethylphthalate	34339		EPA 8270C	Not Detected		ug/kg (dw)	1200	GJG	9/15/2000	
Fluorene	34384		EPA 8270C	Not Detected		ug/kg (dw)	1200	GJG	9/15/2000	
4-Chlorophenyl-phenylether	34644		EPA 8270C	Not Detected		ug/kg (dw)	1200	GJG	9/15/2000	
4-Nitroaniline	78870		EPA 8270C	Not Detected		ug/kg (dw)	1200	GJG	9/15/2000	
Diphenylamine			EPA 8270C	Not Detected		ug/kg (dw)	1200	GJG	9/15/2000	
4,6-Dinitro-2-methylphenol	34660		EPA 8270C	Not Detected		ug/kg (dw)	5800	GJG	9/15/2000	
n-Nitrosodiphenylamine	34436		EPA 8270C	Not Detected		ug/kg (dw)	1200	GJG	9/15/2000	
1,2-Diphenylhydrazine	34349		EPA 8270C	Not Detected		ug/kg (dw)	1200	GJG	9/15/2000	
4-Bromophenyl-phenylether	34639		EPA 8270C	Not Detected		ug/kg (dw)	1200	GJG	9/15/2000	
Phenacetin	73117		EPA 8270C	Not Detected		ug/kg (dw)	1200	GJG	9/15/2000	
Hexachlorobenzene	39701		EPA 8270C	Not Detected		ug/kg (dw)	1200	GJG	9/15/2000	
4-Aminobiphenyl	73125		EPA 8270C	Not Detected		ug/kg (dw)	1200	GJG	9/15/2000	
Pentachlorophenol	39061		EPA 8270C	Not Detected		ug/kg (dw)	5800	GJG	9/15/2000	
Pronamide	73031		EPA 8270C	Not Detected		ug/kg (dw)	1200	GJG	9/15/2000	
Pentachloronitrobenzene	81808		EPA 8270C	Not Detected		ug/kg (dw)	1200	GJG	9/15/2000	
Phenanthrene	34464		EPA 8270C	Not Detected		ug/kg (dw)	1200	GJG	9/15/2000	
Anthracene	34223		EPA 8270C	Not Detected		ug/kg (dw)	1200	GJG	9/15/2000	
Di-n-butylphthalate	39112		EPA 8270C	Not Detected		ug/kg (dw)	1200	GJG	9/15/2000	
Fluoranthene	34379		EPA 8270C	Not Detected		ug/kg (dw)	1200	GJG	9/15/2000	
Benzidine	39121		EPA 8270C	Not Detected		ug/kg (dw)	1200	GJG	9/15/2000	
Pyrene	34472		EPA 8270C	Not Detected		ug/kg (dw)	1200	GJG	9/15/2000	
p-Dimethylaminoazobenzene	73116		EPA 8270C	Not Detected		ug/kg (dw)	1200	GJG	9/15/2000	
Butylbenzylphthalate	34295		EPA 8270C	Not Detected		ug/kg (dw)	1200	GJG	9/15/2000	
Benzo[a]anthracene	34529		EPA 8270C	Not Detected		ug/kg (dw)	1200	GJG	9/15/2000	
3,3'-Dichlorobenzidine	34634		EPA 8270C	Not Detected		ug/kg (dw)	2300	GJG	9/15/2000	
Chyrsene	34323		EPA 8270C	Not Detected		ug/kg (dw)	1200	GJG	9/15/2000	
bis(2-Ethylhexyl)phthalate	39102		EPA 8270C	Not Detected		ug/kg (dw)	1200	GJG	9/15/2000	
Di-n-octylphthalate	34599		EPA 8270C	Not Detected		ug/kg (dw)	1200	GJG	9/15/2000	
Benzo[b]fluoranthene	34233		EPA 8270C	Not Detected		ug/kg (dw)	1200	GJG	9/15/2000	
Benzo[k]fluoranthene	34245		EPA 8270C	Not Detected		ug/kg (dw)	1200	GJG	9/15/2000	
7,12-Dimethylbenz(a)anthracene	73115		EPA 8270C	Not Detected		ug/kg (dw)	1200	GJG	9/15/2000	
Benzo[a]pyrene	34250		EPA 8270C	Not Detected		ug/kg (dw)	1200	GJG	9/15/2000	
3-Methylcholanthrene	73156		EPA 8270C	Not Detected		ug/kg (dw)	1200	GJG	9/15/2000	
Dibenz(a,j)acridine			EPA 8270C	Not Detected		ug/kg (dw)	1200	GJG	9/15/2000	
Indeno[1,2,3-cd]pyrene	34406		EPA 8270C	Not Detected		ug/kg (dw)	1200	GJG	9/15/2000	
Dibenz[a,h]anthracene	34559		EPA 8270C	Not Detected		ug/kg (dw)	1200	GJG	9/15/2000	
Benzo[g,h,i]perylene	34524		EPA 8270C	Not Detected		ug/kg (dw)	1200	GJG	9/15/2000	
Pyridine	73312		EPA 8270C	Not Detected		ug/kg (dw)	1200	GJG	9/15/2000	
Alpha-BHC	39076		EPA 8270C	Not Detected		ug/kg (dw)	1200	GJG	9/15/2000	

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Gamma-BHC	39343		EPA 8270C	Not Detected	ug/kg (dw)		1200	GJG	9/15/2000	
Beta-BHC	34257		EPA 8270C	Not Detected	ug/kg (dw)		1200	GJG	9/15/2000	
Delta-BHC	34262		EPA 8270C	Not Detected	ug/kg (dw)		1200	GJG	9/15/2000	
Heptachlor	39413		EPA 8270C	Not Detected	ug/kg (dw)		1200	GJG	9/15/2000	
Aldrin	39333		EPA 8270C	Not Detected	ug/kg (dw)		1200	GJG	9/15/2000	
Heptachlor Epoxide	39423		EPA 8270C	Not Detected	ug/kg (dw)		2900	GJG	9/15/2000	
Endosulfan 1	34364		EPA 8270C	Not Detected	ug/kg (dw)		5800	GJG	9/15/2000	
Dieldrin	39383		EPA 8270C	Not Detected	ug/kg (dw)		1200	GJG	9/15/2000	
p,p'-DDE	39321		EPA 8270C	Not Detected	ug/kg (dw)		1200	GJG	9/15/2000	
Endrin	39393		EPA 8270C	Not Detected	ug/kg (dw)		2300	GJG	9/15/2000	
Endosulfan 2	34359		EPA 8270C	Not Detected	ug/kg (dw)		5800	GJG	9/15/2000	
p,p'-DDD	39311		EPA 8270C	Not Detected	ug/kg (dw)		1200	GJG	9/15/2000	
Endrin Aldehyde	34369		EPA 8270C	Not Detected	ug/kg (dw)		1200	GJG	9/15/2000	
Endosulfan Sulfate	34354		EPA 8270C	Not Detected	ug/kg (dw)		2900	GJG	9/15/2000	
p,p'-DDT	39301		EPA 8270C	Not Detected	ug/kg (dw)		1200	GJG	9/15/2000	
Octadecanoic acid			EPA 8270C	3200 TIE	ug/kg (dw)		0.00	GJG	9/15/2000	
1-Octadecanol			EPA 8270C	13000 TIE	ug/kg (dw)		0.00	GJG	9/15/2000	
Hexatriacontane			EPA 8270C	3300 TIE	ug/kg (dw)		0.00	GJG	9/15/2000	
ICP Metals HW in Solids QC Batch 36308										
Silver	01078		EPA 6010B	Not Detected	mg/kg (dw)		1	PT	9/6/2000	
Arsenic	01003		EPA 6010B	Not Detected	mg/kg (dw)		8	PT	9/6/2000	
Barium	01008		EPA 6010B	50	mg/kg (dw)		1	PT	9/6/2000	
Cadmium	01028		EPA 6010B	Not Detected	mg/kg (dw)		1	PT	9/6/2000	
Chromium	01029		EPA 6010B	25	mg/kg (dw)		2	PT	9/6/2000	
Lead	01052		EPA 6010B	18	mg/kg (dw)		9	PT	9/6/2000	
Nickel	01068		EPA 6010B	5.0	mg/kg (dw)		2	PT	9/6/2000	
Selenium	01148		EPA 6010B	Not Detected	mg/kg (dw)		19	PT	9/6/2000	
Copper	01042		EPA 6010B	9.8	mg/kg (dw)		2	PT	9/6/2000	
QC Batch 36228										
Mercury			EPA 7471A	Not Detected	mg/kg (dw)		0.1	CN	9/7/2000	
Pesticides in Sediment/Soil QC Batch 36291										
TCMX surr std			EPA 8081A	5.75	ug/KG (dw)			PM	9/8/2000	*4.0 to 12*
DCB surr std			EPA 8081A	14.4	ug/KG (dw)			PM	9/8/2000	*8.0 to 24*
ALDRIN			EPA 8081A	Not Detected	ug/KG (dw)		3.5	PM	9/8/2000	
a-BHC			EPA 8081A	Not Detected	ug/KG (dw)		2.0	PM	9/8/2000	
b-BHC			EPA 8081A	Not Detected	ug/KG (dw)		3.0	PM	9/8/2000	
d-BHC			EPA 8081A	Not Detected	ug/KG (dw)		4.5	PM	9/8/2000	
LINDANE (g-BHC)			EPA 8081A	Not Detected	ug/KG (dw)		1.0	PM	9/8/2000	
CHLORDANE			EPA 8081A	Not Detected	ug/KG (dw)		50	PM	9/8/2000	
4,4-DDE			EPA 8081A	7.3	ug/KG (dw)		3.0	PM	9/8/2000	
4,4-DDD			EPA 8081A	Not Detected	ug/KG (dw)		7.5	PM	9/8/2000	
4,4-DDT			EPA 8081A	Not Detected	ug/KG (dw)		6.5	PM	9/8/2000	
DIELDRIN			EPA 8081A	Not Detected	ug/KG (dw)		2.0	PM	9/8/2000	
ENDOSULFAN I			EPA 8081A	Not Detected	ug/KG (dw)		5.0	PM	9/8/2000	
ENDOSULFAN II			EPA 8081A	Not Detected	ug/KG (dw)		7.5	PM	9/8/2000	
ENDOSULFAN SULFATE			EPA 8081A	Not Detected	ug/KG (dw)		8.0	PM	9/8/2000	
ENDRIN			EPA 8081A	Not Detected	ug/KG (dw)		7.5	PM	9/8/2000	
ENDRIN ALDEHYDE			EPA 8081A	Not Detected	ug/KG (dw)		3.5	PM	9/8/2000	

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HEPTACHLOR			EPA 8081A	Not Detected	ug/KG (dw)		5.0	PM	9/8/2000	
HEPTACHLOR EPOXIDE			EPA 8081A	Not Detected	ug/KG (dw)		4.0	PM	9/8/2000	
TOXAPHENE			EPA 8081A	130	ug/KG (dw)	J	130	PM	9/8/2000	
CHLORPYRIFOS (DURSBAN)			EPA 8081A	Not Detected	ug/KG (dw)		5.0	PM	9/8/2000	
HEXACHLOROBENZENE			EPA 8081A	Not Detected	ug/KG (dw)		1.0	PM	9/8/2000	
METHOXYCHLOR			EPA 8081A	Not Detected	ug/KG (dw)		20	PM	9/8/2000	
MIREX			EPA 8081A	Not Detected	ug/KG (dw)		3.5	PM	9/8/2000	
PCBs in Sediments or Soils QC Batch 36497										
TCMX surr std			EPA 8082	5.75	ug/KG (dw)			PM	9/8/2000	*4.0 to 12.0*
DCBP surr std			EPA 8082	14.4	ug/KG (dw)			PM	9/8/2000	*8.0 to 24.0*
PCB-1016			EPA 8082	Not Detected	ug/KG (dw)		33	PM	9/8/2000	
PCB-1221			EPA 8082	Not Detected	ug/KG (dw)		33	PM	9/8/2000	
PCB-1232			EPA 8082	Not Detected	ug/KG (dw)		33	PM	9/8/2000	
PCB-1242			EPA 8082	Not Detected	ug/KG (dw)		33	PM	9/8/2000	
PCB-1248			EPA 8082	Not Detected	ug/KG (dw)		33	PM	9/8/2000	
PCB-1254			EPA 8082	Not Detected	ug/KG (dw)		33	PM	9/8/2000	
PCB-1260			EPA 8082	Not Detected	ug/KG (dw)		33	PM	9/8/2000	
PCB-1262			EPA 8082	Not Detected	ug/KG (dw)		33	PM	9/8/2000	
Phenoxy Herbicides in Sediment QC Batch 36515										
DCAA-surr QC std			EPA 8151A	113	ug/KG			BG	9/12/2000	*80 to 280*
2,4-D			EPA 8151A	Not Detected	ug/KG		20	BG	9/12/2000	
SILVEX (2,4,5-TP)			EPA 8151A	Not Detected	ug/KG		4	BG	9/12/2000	

COMMENTS: $8081S - J qualifier denotes estimated results. Toxaphene estimated due to weathering effects resulting in peak ratios being varied from the standard.

COMMENTS: $8260S - "B" FLAG-Trace levels of Methylene Chloride due to laboratory contamination. 7-090700-240.
$8260S - "J" FLAG- Estimated value. Internal STD 1,4-Dichlorobenzene-d4 failed low (37% response, 50-150% limits). The LCS was acceptable for these compounds. 7-090700-240.

COMMENTS: $8270S - Sample had three surrogate compounds, 2-Fluorophenol (67% recovery, limits 22-63%), Phenol-d5(80% recovery, limits 18-73%) and Terphenyl-d14 (100% recovery, limits 44-92%) with recoveries outside acceptable control limits due to matrix interferences. LCS results were within acceptable control limits. 7-091900-255

ug/L: micrograms/liter	<: less than	**Laboratory Contacts:**
mg/L: milligrams/liter	MCL: Maximum Contaminant Level	
mg/kg: milligrams/kilogram	PQL: Practical Quantitation Limit	Inorganics: Pat Sammons Ext 5239
ug/kg: micrograms/kilogram	LSPC: result less than lower specification	Metals: Mark Tolbert Ext 5240
ug/g: micrograms/gram	USPC: result greater than upper specification	Organics: Danny Reed Ext 5252
ppm: parts per million	TIE: Tentatively Identified or Estimated	GC Mass Spec: Steve Bryan Ext 5260
	VIOL: Violation (result exceeds MCL)	

HAZARDOUS WASTE MANAGEMENT BRANCH (HWMB)
REQUEST FOR LABORATORY ANALYSIS

#9 GHL

Location: Vienna Street Dump / Fort Valley

Contact By/Phone: James Sliwinski / (404) 656 -2833

Date: 10:45 a.m. 08/29/00

Submitted To Lab: 08/29/00

LOG NUMBER: 8410

(Separate Request Sheet for each sample point)

LAB No.

Sample ID AD02394
Location: HWMB
Description: VIENNA STREET DUMP HW8410
Sample Collecto J SLIWINSKI
Entry Point:
Due Date: 12/30/1999

Analysis Needed By: Routine ✓ Other (specify)

Sample Description (check one)

Waste ___ Soil/Sediment ✓ Sludge ___
Ground Water ___ Surface Water ___ Drinking Water Well ___

Concentration of Organics Requested (estimated): High ___ Low ✓ Other (e.g., rinse blank - specify) ___

Describe Sample Including Source and Known Properties (e.g. pH, concentration):
Municipal and industrial dump site : metals, herbicides, pesticides, PCBs, semi-volatile and volatile organics

Applicable Hazardous Waste Codes (if known) ___

Special Precautions:

ANALYSIS REQUIRED

(Note: Totals will always be run first. A TCLP will subsequently be run only if the total value indicates a positive TCLP could results)

1. TOTAL ORGANICS

Semi-Volatiles (Acid & Base/Neutral)	✓		
Volatiles	✓	1	4 OZ. JARS
Pesticides	✓	2	8 OZ. JARS
Herbicides	✓	1	16 OZ. JARS
Organophosphorous Pesticides		4	encores
PCB	✓		
BETX			
Total Petroleum Hydrocarbon			

Organics Special Requests: ___

2. TOTAL METALS

ICP Metals Scan (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) ✓
Mercury ✓
Metals Special Requests: ___

3. TCLP ORGANICS

Volatiles ___ Pesticides ___
Semi-Volatiles (Acid & Base/Neutral) ___ Herbicides ___
Additional Specific Organics for TCLP: ___

4. TCLP METALS ANALYSIS

TCLP Metals (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) ___ Additional Metals for TCLP: ___
Mercury ___

5. ADDITIONAL ANALYSIS REQUESTED (see list on back): ___

Reviewed By: (HWMB): ___ Date: ___ Reviewed By (EPD Lab): GHL
Approved By:(HWMB): ___ Date: ___ Date (EPD Lab): 8-29-00

T TEMP 0.0

GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

455 14th Street NW, Atlanta, GA 30318-7900
(404) 206-5269

LABORATORY REPORT

TO: Georgia Env Protection Divison Hazardous Waste Mgmt Branch 205 Butler St SE Suite 1154E Atlanta, GA 30334	Date Collected: 8/29/2000 Time Collected: 10:45 Sample Collector: J SLIWINSKI Chlorination: Sample Type:
Sample ID: AD02394 Facility Name: VIENNA STREET DUMP HW8410 Site ID: HWMB Location ID: Location Descr: HW8410 FORT VALLEY	Received By: GHL Date Received: 8/30/2000 Time Received: 8:52 AM Project: HW Reporting Date: 10/5/2000 Received Temperature: 0.0 °C

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER	PQL	ANALYST	ANALYSIS DATE	MCL or QC Range
8260 Volatiles in Soil/Sed. QC Batch 36491										
Dibromofluoromethane(Surrogate QC Std.)			EPA 8260	52	ug/kg (dw)		0.00	AGV	8/31/2000	33 to 75
Toluene-d8(Surrogate QC Std.)			EPA 8260	52	ug/kg (dw)		0.00	AGV	8/31/2000	39 to 68
Bromofluorobenzene(Surrogate QC Std.)			EPA 8260	48	ug/kg (dw)		0.00	AGV	8/31/2000	25 to 60
1,2-Dichloroethane-d4(Surrogate QC Std.)			EPA 8260	51	ug/kg (dw)		5.6	AGV	8/31/2000	35 to 65
Dichlorodifluoromethane	34334		EPA 8260	Not Detected	ug/kg (dw)		5.6	AGV	8/31/2000	
Chloromethane	34421		EPA 8260	Trace	ug/kg (dw)		11	AGV	8/31/2000	
Bromomethane	34416		EPA 8260	Not Detected	ug/kg (dw)		11	AGV	8/31/2000	
Vinyl Chloride	34495		EPA 8260	Not Detected	ug/kg (dw)		2.2	AGV	8/31/2000	
Chloroethane	34314		EPA 8260	Not Detected	ug/kg (dw)		11	AGV	8/31/2000	
Methylene Chloride	34426		EPA 8260	Trace	ug/kg (dw)	B	5.6	AGV	8/31/2000	
Trichlorofluoromethane	34491		EPA 8260	Not Detected	ug/kg (dw)		5.6	AGV	8/31/2000	
Acetone	75059		EPA 8260	Not Detected	ug/kg (dw)		110	AGV	8/31/2000	
Dibromomethane	78756		EPA 8260	Not Detected	ug/kg (dw)		5.6	AGV	8/31/2000	
trans-1,2-Dichloroethene	34549		EPA 8260	Not Detected	ug/kg (dw)		5.6	AGV	8/31/2000	
Iodomethane	73121		EPA 8260	Not Detected	ug/kg (dw)		5.6	AGV	8/31/2000	
Carbon Disulfide	78544		EPA 8260	Trace	ug/kg (dw)		5.6	AGV	8/31/2000	
1,1-Dichloroethene	34504		EPA 8260	Not Detected	ug/kg (dw)		5.6	AGV	8/31/2000	
1,1-Dichloroethane	34499		EPA 8260	Not Detected	ug/kg (dw)		5.6	AGV	8/31/2000	
cis-1,2-Dichloroethene	77093		EPA 8260	Not Detected	ug/kg (dw)		5.6	AGV	8/31/2000	
2,2-Dichloropropane	77170		EPA 8260	Not Detected	ug/kg (dw)		5.6	AGV	8/31/2000	
Bromochloromethane	77297		EPA 8260	Not Detected	ug/kg (dw)		5.6	AGV	8/31/2000	
Chloroform	34318		EPA 8260	Not Detected	ug/kg (dw)		5.6	AGV	8/31/2000	
1,1-Dichloropropene	77168		EPA 8260	Not Detected	ug/kg (dw)		5.6	AGV	8/31/2000	
1,2-Dichloroethane	34534		EPA 8260	Not Detected	ug/kg (dw)		5.6	AGV	8/31/2000	
2-Butanone	75078		EPA 8260	Not Detected	ug/kg (dw)		110	AGV	8/31/2000	
1,1,1-Trichloroethane	34509		EPA 8260	Not Detected	ug/kg (dw)		5.6	AGV	8/31/2000	
Carbon Tetrachloride	34299		EPA 8260	Not Detected	ug/kg (dw)		5.6	AGV	8/31/2000	

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ug/g: micrograms/gram
ppm: parts per million

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PQL: Practical Quantitation Limit
LSPC: result less than lower specification
USPC: result greater than upper specification
TIE: Tentatively Identified or Estimated
VIOL: Violation (result exceeds MCL)

Laboratory Contacts:

Inorganics:	Pat Sammons	Ext 5239
Metals:	Mark Tolbert	Ext 5240
Organics:	Danny Reed	Ext 5252
GC Mass Spec:	Steve Bryan	Ext 5260

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	PQL	ANALYST	ANALYSIS DATE	MCL or QC Range
Vinyl Acetate	78498		EPA 8260	Not Detected		ug/kg (dw)	56	AGV	8/31/2000	
Bromodichloromethane	34330		EPA 8260	Not Detected		ug/kg (dw)	5.6	AGV	8/31/2000	
1,2-Dichloropropane	34544		EPA 8260	Not Detected		ug/kg (dw)	5.6	AGV	8/31/2000	
Trichloroethene	34487		EPA 8260	Not Detected		ug/kg (dw)	5.6	AGV	8/31/2000	
Benzene	34237		EPA 8260	Not Detected		ug/kg (dw)	5.6	AGV	8/31/2000	
cis-1,3-Dichloropropene	34702		EPA 8260	Not Detected		ug/kg (dw)	5.6	AGV	8/31/2000	
trans-1,3-Dichloropropene	34697		EPA 8260	Not Detected		ug/kg (dw)	5.6	AGV	8/31/2000	
Dibromochloromethane	34309		EPA 8260	Not Detected		ug/kg (dw)	5.6	AGV	8/31/2000	
1,1,2-Trichloroethane	34514		EPA 8260	Not Detected		ug/kg (dw)	5.6	AGV	8/31/2000	
Bromoform	34290		EPA 8260	Not Detected		ug/kg (dw)	5.6	AGV	8/31/2000	
1,2,3-Trichloropropane	78490		EPA 8260	Not Detected		ug/kg (dw)	5.6	AGV	8/31/2000	
4-Methyl-2-Pentanone	75169		EPA 8260	Not Detected		ug/kg (dw)	56	AGV	8/31/2000	
2-Hexanone	75166		EPA 8260	Not Detected		ug/kg (dw)	56	AGV	8/31/2000	
Tetrachloroethene	34478		EPA 8260	Not Detected		ug/kg (dw)	5.6	AGV	8/31/2000	
1,3-Dichloropropane	77173		EPA 8260	Not Detected		ug/kg (dw)	5.6	AGV	8/31/2000	
1,1,2,2-Tetrachloroethane	34519		EPA 8260	Not Detected		ug/kg (dw)	5.6	AGV	8/31/2000	
Toluene	34483		EPA 8260	Not Detected		ug/kg (dw)	5.6	AGV	8/31/2000	
1,2-Dibromoethane	79749		EPA 8260	Not Detected		ug/kg (dw)	5.6	AGV	8/31/2000	
Chlorobenzene	34304		EPA 8260	Not Detected		ug/kg (dw)	5.6	AGV	8/31/2000	
Ethylbenzene	34374		EPA 8260	Not Detected		ug/kg (dw)	5.6	AGV	8/31/2000	
1,1,1,2-Tetrachloroethane			EPA 8260	Not Detected		ug/kg (dw)	5.6	AGV	8/31/2000	
Styrene	75192		EPA 8260	Not Detected		ug/kg (dw)	5.6	AGV	8/31/2000	
p,m-Xylene	45510		EPA 8260	Not Detected		ug/kg (dw)	11	AGV	8/31/2000	
o-Xylene	78362		EPA 8260	Not Detected		ug/kg (dw)	5.6	AGV	8/31/2000	
Isopropylbenzene	77223		EPA 8260	Not Detected		ug/kg (dw)	5.6	AGV	8/31/2000	
Bromobenzene	78491		EPA 8260	Not Detected		ug/kg (dw)	5.6	AGV	8/31/2000	
n-Propylbenzene	77224		EPA 8260	Not Detected		ug/kg (dw)	5.6	AGV	8/31/2000	
2-Chlorotoluene	77225		EPA 8260	Not Detected		ug/kg (dw)	5.6	AGV	8/31/2000	
1,3,5-Trimethylbenzene	77226		EPA 8260	Not Detected		ug/kg (dw)	5.6	AGV	8/31/2000	
4-Chlorotoluene	77277		EPA 8260	Not Detected		ug/kg (dw)	5.6	AGV	8/31/2000	
tert-Butylbenzene	77353		EPA 8260	Not Detected		ug/kg (dw)	5.6	AGV	8/31/2000	
1,2,4-Trimethylbenzene	34554		EPA 8260	Not Detected		ug/kg (dw)	5.6	AGV	8/31/2000	
sec-Butylbenzene	77350		EPA 8260	Not Detected		ug/kg (dw)	5.6	AGV	8/31/2000	
1,3-Dichlorobenzene	34569		EPA 8260	Not Detected		ug/kg (dw)	5.6	AGV	8/31/2000	
p-Isopropyltoluene	77356		EPA 8260	Not Detected		ug/kg (dw)	5.6	AGV	8/31/2000	
1,4-Dichlorobenzene	34574		EPA 8260	Not Detected		ug/kg (dw)	5.6	AGV	8/31/2000	
n-Butylbenzene	77342		EPA 8260	Not Detected		ug/kg (dw)	5.6	AGV	8/31/2000	
1,2-Dichlorobenzene	34539		EPA 8260	Not Detected		ug/kg (dw)	5.6	AGV	8/31/2000	
1,2-Dibromo-3-chloropropane	99999		EPA 8260	Not Detected		ug/kg (dw)	5.6	AGV	8/31/2000	
1,2,4-Trichlorobenzene	34554		EPA 8260	Not Detected		ug/kg (dw)	5.6	AGV	8/31/2000	
Hexachlorobutadiene	39705		EPA 8260	Not Detected		ug/kg (dw)	5.6	AGV	8/31/2000	
Naphthalene	34445		EPA 8260	Not Detected		ug/kg (dw)	5.6	AGV	8/31/2000	
1,2,3-Trichlorobenzene	77613		EPA 8260	Not Detected		ug/kg (dw)	5.6	AGV	8/31/2000	
Hexanal			EPA 8260	8.9	TIE	ug/kg (dw)	0.00	AGV	8/31/2000	
8270 Semi-Vol in Soil/Sed QC Batch 36842										
2-Fluorophenol(Surrogate QC Std.)		U	EPA 8270C	64		ug/kg (dw)	0.00	GJG	9/15/2000	*22 to 63*
Phenol-d5(Surrogate QC Std.)		U	EPA 8270C	74		ug/kg (dw)	0.00	GJG	9/15/2000	*18 to 73*
Nitrobenzene-d5(Surrogate QC Std.)			EPA 8270C	77		ug/kg (dw)	0.00	GJG	9/15/2000	*25 to 81*
2-Fluorobiphenyl(Surrogate QC Std.)			EPA 8270C	77		ug/kg (dw)	0.00	GJG	9/15/2000	*28 to 81*
2,4,6-Tribromophenol(Surrogate QC Std.)			EPA 8270C	82		ug/kg (dw)	0.00	GJG	9/15/2000	*14 to 101*
Terphenyl-d14(Surrogate QC Std.)			EPA 8270C	90		ug/kg (dw)	0.00	GJG	9/15/2000	*44 to 92*

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ug/kg: micrograms/kilogram
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ppm: parts per million

<: less than
MCL: Maximum Contaminant Level
PQL: Practical Quantitation Limit
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Laboratory Contacts:

Inorganics:	Pat Sammons	Ext 5239
Metals:	Mark Tolbert	Ext 5240
Organics:	Danny Reed	Ext 5252
GC Mass Spec:	Steve Bryan	Ext 5260

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER	PQL	ANALYST	ANALYSIS DATE	MCL or QC Range
n-Nitrosodimethylamine	34441		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
2-Picoline	73310		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
Methylmethanesulfonate	73119		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
Ethylmethanesulfonate	73118		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
Aniline	73185		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
Phenol	34695		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
bis(2-Chloroethyl)ether	34276		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
2-Chlorophenol	34589		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
1,3-Dichlorobenzene	34569		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
1,4-Dichlorobenzene	34574		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
Benzyl alcohol	75212		EPA 8270C	Not Detected	ug/kg (dw)		2800	GJG	9/15/2000	
1,2-Dichlorobenzene	34539		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
2-Methylphenol			EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
bis(2-Chloroisopropyl)ether	34286		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
Acetophenone	73272		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
4-Methylphenol			EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
n-Nitroso-di-n-propylamine	34428		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
Hexachloroethane	34399		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
Nitrobenzene	34450		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
n-Nitrosopiperidine	73129		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
Isophorone	34411		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
2-Nitrophenol	34594		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
2,4-Dimethylphenol	34609		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
bis(2-Chloroethoxy)methane	34281		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
Benzoic acid	75315		EPA 8270C	Not Detected	ug/kg (dw)		7100	GJG	9/15/2000	
2,4-Dichlorophenol	34604		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
1,2,4-Trichlorobenzene	34554		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
aa-dimethyl-Phenethylamine	73136		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
Naphthalene	34445		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
4-Chloroaniline	78867		EPA 8270C	Not Detected	ug/kg (dw)		2800	GJG	9/15/2000	
2,6-Dichlorophenol	73122		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
Hexachlorobutadiene	38705		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
n-Nitroso-di-n-butylamine	73159		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
4-Chloro-3-methylphenol	34455		EPA 8270C	Not Detected	ug/kg (dw)		2800	GJG	9/15/2000	
2-Methylnaphthalene	78868		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
1,2,4,5-Tetrachlorobenzene	79787		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
Hexachlorocyclopentadiene	34389		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
2,4,6-Trichlorophenol	34624		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
2,4,5-Trichlorophenol	78401		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
2-Chloronaphthalene	34584		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
1-Chloronaphthalene			EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
2-Nitroaniline	78299		EPA 8270C	Not Detected	ug/kg (dw)		7100	GJG	9/15/2000	
Dimethylphthalate	34344		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
Acenaphthylene	34203		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
2,6-Dinitrotoluene	34629		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
3-Nitroaniline	78869		EPA 8270C	Not Detected	ug/kg (dw)		7100	GJG	9/15/2000	
Acenaphthene	34208		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
2,4-Dinitrophenol	34619		EPA 8270C	Not Detected	ug/kg (dw)		7100	GJG	9/15/2000	
4-Nitrophenol	34649		EPA 8270C	Not Detected	ug/kg (dw)		7100	GJG	9/15/2000	
Dibenzofuran	75647		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
Pentachlorobenzene	79790		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	

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LSPC: result less than lower specification
USPC: result greater than upper specification
TIE: Tentatively Identified or Estimated
VIOL: Violation (result exceeds MCL)

Laboratory Contacts:

Inorganics:	Pat Sammons	Ext 5239
Metals:	Mark Tolbert	Ext 5240
Organics:	Danny Reed	Ext 5252
GC Mass Spec:	Steve Bryan	Ext 5260

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER	PQL	ANALYST	ANALYSIS DATE	MCL or QC Range
2,4-Dinitrotoluene	34614		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
1-Naphthylamine	73143		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
2-Naphthylamine	73124		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
2,3,4,6-Tetrachlorophenol			EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
Diethylphthalate	34339		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
Fluorene	34384		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
4-Chlorophenyl-phenylether	34644		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
4-Nitroaniline	78870		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
Diphenylamine			EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
4,6-Dinitro-2-methylphenol	34660		EPA 8270C	Not Detected	ug/kg (dw)		7100	GJG	9/15/2000	
n-Nitrosodiphenylamine	34436		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
1,2-Diphenylhydrazine	34349		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
4-Bromophenyl-phenylether	34639		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
Phenacetin	73117		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
Hexachlorobenzene	39701		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
4-Aminobiphenyl	73125		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
Pentachlorophenol	39061		EPA 8270C	Not Detected	ug/kg (dw)		7100	GJG	9/15/2000	
Pronamide	73031		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
Pentachloronitrobenzene	81808		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
Phenanthrene	34464		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
Anthracene	34223		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
Di-n-butylphthalate	39112		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
Fluoranthene	34379		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
Benzidine	39121		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
Pyrene	34472		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
p-Dimethylaminoazobenzene	73116		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
Butylbenzylphthalate	34295		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
Benzo[a]anthracene	34529		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
3,3'-Dichlorobenzidine	34634		EPA 8270C	Not Detected	ug/kg (dw)		2800	GJG	9/15/2000	
Chyrsene	34323		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
bis(2-Ethylhexyl)phthalate	39102		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
Di-n-octylphthalate	34599		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
Benzo[b]fluoranthene	34233		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
Benzo[k]fluoranthene	34245		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
7,12-Dimethylbenz(a)anthracene	73115		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
Benzo[a]pyrene	34250		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
3-Methylcholanthrene	73156		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
Dibenz[a,j]acridine			EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
Indeno[1,2,3-cd]pyrene	34406		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
Dibenz[a,h]anthracene	34559		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
Benzo[g,h,i]perylene	34524		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
Pyridine	73312		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
Alpha-BHC	39076		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
Gamma-BHC	39343		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
Beta-BHC	34257		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
Delta-BHC	34262		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
Heptachlor	39413		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
Aldrin	39333		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	
Heptachlor Epoxide	39423		EPA 8270C	Not Detected	ug/kg (dw)		3500	GJG	9/15/2000	
Endosulfan 1	34364		EPA 8270C	Not Detected	ug/kg (dw)		7100	GJG	9/15/2000	
Dieldrin	39383		EPA 8270C	Not Detected	ug/kg (dw)		1400	GJG	9/15/2000	

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	PQL	ANALYST	ANALYSIS DATE	MCL or QC Range
p,p'-DDE	39321		EPA 8270C	Not Detected		ug/kg (dw)	1400	GJG	9/15/2000	
Endrin	39393		EPA 8270C	Not Detected		ug/kg (dw)	2800	GJG	9/15/2000	
Endosulfan 2	34359		EPA 8270C	Not Detected		ug/kg (dw)	7100	GJG	9/15/2000	
p,p'-DDD	39311		EPA 8270C	Not Detected		ug/kg (dw)	1400	GJG	9/15/2000	
Endrin Aldehyde	34369		EPA 8270C	Not Detected		ug/kg (dw)	1400	GJG	9/15/2000	
Endosulfan Sulfate	34354		EPA 8270C	Not Detected		ug/kg (dw)	3500	GJG	9/15/2000	
p,p'-DDT	39301		EPA 8270C	Not Detected		ug/kg (dw)	1400	GJG	9/15/2000	
Cyclododecane			EPA 8270C	2800 TIE		ug/kg (dw)	0.00	GJG	9/15/2000	
Hexadecane			EPA 8270C	2300 TIE		ug/kg (dw)	0.00	GJG	9/15/2000	
5-Eicosene			EPA 8270C	13000 TIE		ug/kg (dw)	0.00	GJG	9/15/2000	
ICP Metals HW in Solids QC Batch 36308										
Silver	01078		EPA 6010B	Not Detected		mg/kg (dw)	1	PT	9/6/2000	
Arsenic	01003		EPA 6010B	Not Detected		mg/kg (dw)	8	PT	9/6/2000	
Barium	01008		EPA 6010B	24		mg/kg (dw)	1	PT	9/6/2000	
Cadmium	01028		EPA 6010B	Not Detected		mg/kg (dw)	1	PT	9/6/2000	
Chromium	01029		EPA 6010B	17		mg/kg (dw)	2	PT	9/6/2000	
Lead	01052		EPA 6010B	15		mg/kg (dw)	9	PT	9/6/2000	
Nickel	01068		EPA 6010B	3.3		mg/kg (dw)	2	PT	9/6/2000	
Selenium	01148		EPA 6010B	Not Detected		mg/kg (dw)	19	PT	9/6/2000	
Copper	01042		EPA 6010B	4.1		mg/kg (dw)	2	PT	9/6/2000	
QC Batch 36228										
Mercury			EPA 7471A	Not Detected		mg/kg (dw)	0.1	CN	9/7/2000	
Pesticides in Sediment/Soil QC Batch 36291										
TCMX surr std			EPA 8081A	5.10		ug/KG (dw)		PM	9/8/2000	*4.0 to 12*
DCB surr std			EPA 8081A	11.4		ug/KG (dw)		PM	9/8/2000	*8.0 to 24*
ALDRIN			EPA 8081A	Not Detected		ug/KG (dw)	7.0	PM	9/8/2000	
a-BHC			EPA 8081A	Not Detected		ug/KG (dw)	4.0	PM	9/8/2000	
b-BHC			EPA 8081A	Not Detected		ug/KG (dw)	6.0	PM	9/8/2000	
d-BHC			EPA 8081A	Not Detected		ug/KG (dw)	9.0	PM	9/8/2000	
LINDANE (g-BHC)			EPA 8081A	Not Detected		ug/KG (dw)	2.0	PM	9/8/2000	
CHLORDANE			EPA 8081A	Not Detected		ug/KG (dw)	100	PM	9/8/2000	
4,4-DDE			EPA 8081A	25		ug/KG (dw)	6.0	PM	9/8/2000	
4,4-DDD			EPA 8081A	Not Detected		ug/KG (dw)	15	PM	9/8/2000	
4,4-DDT			EPA 8081A	Not Detected		ug/KG (dw)	13	PM	9/8/2000	
DIELDRIN			EPA 8081A	Not Detected		ug/KG (dw)	4.0	PM	9/8/2000	
ENDOSULFAN I			EPA 8081A	Not Detected		ug/KG (dw)	10	PM	9/8/2000	
ENDOSULFAN II			EPA 8081A	Not Detected		ug/KG (dw)	15	PM	9/8/2000	
ENDOSULFAN SULFATE			EPA 8081A	Not Detected		ug/KG (dw)	16	PM	9/8/2000	
ENDRIN			EPA 8081A	Not Detected		ug/KG (dw)	15	PM	9/8/2000	
ENDRIN ALDEHYDE			EPA 8081A	Not Detected		ug/KG (dw)	7.0	PM	9/8/2000	
HEPTACHLOR			EPA 8081A	Not Detected		ug/KG (dw)	10	PM	9/8/2000	
HEPTACHLOR EPOXIDE			EPA 8081A	Not Detected		ug/KG (dw)	8.0	PM	9/8/2000	
TOXAPHENE			EPA 8081A	1100	J	ug/KG (dw)	260	PM	9/8/2000	
CHLORPYRIFOS (DURSBAN)			EPA 8081A	Not Detected		ug/KG (dw)	10	PM	9/8/2000	
HEXACHLOROBENZENE			EPA 8081A	Not Detected		ug/KG (dw)	2.0	PM	9/8/2000	
METHOXYCHLOR			EPA 8081A	Not Detected		ug/KG (dw)	40	PM	9/8/2000	
MIREX			EPA 8081A	Not Detected		ug/KG (dw)	7.0	PM	9/8/2000	
PCBs in Sediments or Soils QC Batch 36497										
TCMX surr std			EPA 8082	5.10		ug/KG (dw)		PM	9/8/2000	*4.0 to 12.0*
DCBP surr std			EPA 8082	11.4		ug/KG (dw)		PM	9/8/2000	*8.0 to 24.0*

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER	PQL	ANALYST	ANALYSIS DATE	MCL or QC Range
PCB-1016			EPA 8082	Not Detected	ug/KG (dw)		66	PM	9/8/2000	
PCB-1221			EPA 8082	Not Detected	ug/KG (dw)		66	PM	9/8/2000	
PCB-1232			EPA 8082	Not Detected	ug/KG (dw)		66	PM	9/8/2000	
PCB-1242			EPA 8082	Not Detected	ug/KG (dw)		66	PM	9/8/2000	
PCB-1248			EPA 8082	Not Detected	ug/KG (dw)		66	PM	9/8/2000	
PCB-1254			EPA 8082	Not Detected	ug/KG (dw)		66	PM	9/8/2000	
PCB-1260			EPA 8082	Not Detected	ug/KG (dw)		66	PM	9/8/2000	
PCB-1262			EPA 8082	Not Detected	ug/KG (dw)		66	PM	9/8/2000	
Phenoxy Herbicides in Sediment QC Batch 36515										
DCAA-surr QC std			EPA 8151A	162	ug/KG			BG	9/12/2000	*80 to 280*
2,4-D			EPA 8151A	Not Detected	ug/KG		20	BG	9/12/2000	
SILVEX (2,4,5-TP)			EPA 8151A	Not Detected	ug/KG		4	BG	9/12/2000	

COMMENTS: $8081S - J qualifier denotes estimated results. Toxaphene estimated due to weathering effects resulting in peak ratios being varied from the standard.
$8081S - PQLs adjusted for initial sample weight of 10.0 g (PQLs based on 20.0 g initial weight).

COMMENTS: $8082S - PQLs adjusted for initial sample weight of 10.0 g (PQLs based on 20.0 g initial weight).

COMMENTS: $8260S "B" FLAG-Trace levels of Methylene Chloride due to laboratory contamination. 7-090700-240

COMMENTS: $8270S - Sample had two surrogate compounds, 2-Fluorophenol (64% recovery, limits 22-63%), and Phenol-d5(74% recovery, limits 18-73%) with recoveries outside acceptable control limits due to matrix interferences. LCS results were within acceptable control limits. 7-091900-255

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HAZARDOUS WASTE MANAGEMENT BRANCH (HWMB)
REQUEST FOR LABORATORY ANALYSIS

11
4-8'

ocation: Vienna Street Dump / Fort Valley

ted By/Phone: James Sliwinski / (404) 656-2833

Date: 08/29/00 15:30

mitted To Lab: 08/30/00

B LOG NUMBER: 8412

(separate Request Sheet for each sample point)

Sample ID AD02871
Location: HWMB
Description: HW8412 VIENNA ST.DUMP/FT VALL
Sample Collecto J.SLIWINSKI
Sample ID: AD02871

nalysis Needed By: Routine ✓ Other (specify) _____

Sample Description (check one)

Waste ____ Soil/Sediment ✓ Sludge ____
Ground Water ____ Surface Water ____ Drinking Water Well ____

Concentration of Organics Requested (estimated): High ___ Low ✓ Other (e.g., rinse blank - specify) _____

Describe Sample Including Source and Known Properties (e.g. pH, concentration):
Municipal and industrial dump site: metals, herbicides, pesticides, PCBs, semi-volatile and volatile organics. Subsurface soil at northeast edge

Applicable Hazardous Waste Codes (If known) _____ _____ _____

Special Precautions:

ANALYSIS REQUIRED

(Note: Totals will always be run first. A TCLP will subsequently be run only if the total value indicates a positive TCLP could results)

1. TOTAL ORGANICS

		4 OZ. JARS	8 OZ. JARS	16 OZ. JARS	5 JARS
Semi-Volatiles (Acid & Base\Neutral)	✓				
Volatiles	✓				
Pesticides	✓				
Herbicides	✓				
Organophosphorous Pesticides					
PCB	✓				
BETX		1	2	1	4
Total Petroleum Hydrocarbon					

2. TOTAL METALS

ICP Metals Scan (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) ✓
Mercury ✓
Metals Special Requests: ____

Organics Special Requests: _____

3. TCLP ORGANICS

Volatiles ____ Pesticides ____
Semi-Volatiles (Acid & Base/Neutral) ____ Herbicides ____
Additional Specific Organics for TCLP: _____

4. TCLP METALS ANALYSIS

TCLP Metals (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) ____ Additional Metals for TCLP: _____
Mercury ____

5. ADDITIONAL ANALYSIS REQUESTED (see list on back): _____

Reviewed By: (HWMB): _____ Date: ____ Reviewed By (EPD Lab): [illegible]
Approved By:(HWMB): _____ Date: ____ Date (EPD Lab): 8/30/00

MNW

RECPT TEMP 0.0

GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

455 14th Street NW, Atlanta, GA 30318-7900
(404) 206-5269

LABORATORY REPORT

TO: Georgia Env Protection Divison Hazardous Waste Mgmt Branch 205 Butler St SE Suite 1154E Atlanta, GA 30334	Date Collected: 8/29/2000 Time Collected: 15:30 Sample Collector: J.SLIWINSKI Chlorination: Sample Type:
Sample ID: AD02871 Facility Name: HW8412 VIENNA ST.DUMP/FT VALL Site ID: HWMB Location ID: Location Descr: HW8412 SURFACE SOIL@NE EDGE	Received By: MW Date Received: 8/30/2000 Time Received: 5:36 PM Project: HW Reporting Date: 9/28/2000 Received Temperature: 0.0 °C

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER PQL	ANALYST	ANALYSIS DATE	MCL or QC Range
8260 Volatiles in Soil/Sed. QC Batch 36498									
Dibromofluoromethane(Surrogate QC Std.)			EPA 8260	54	ug/kg (dw)	0.00	AGV	9/6/2000	*33 to 75*
Toluene-d8(Surrogate QC Std.)			EPA 8260	48	ug/kg (dw)	0.00	AGV	9/6/2000	*39 to 68*
Bromofluorobenzene(Surrogate QC Std.)			EPA 8260	49	ug/kg (dw)	0.00	AGV	9/6/2000	*25 to 60*
1,2-Dichloroethane-d4(Surrogate QC Std.)			EPA 8260	52	ug/kg (dw)	5.4	AGV	9/6/2000	*35 to 65*
Dichlorodifluoromethane	34334		EPA 8260	Not Detected	ug/kg (dw)	5.4	AGV	9/6/2000	
Chloromethane	34421		EPA 8260	Not Detected	ug/kg (dw)	11	AGV	9/6/2000	
Bromomethane	34416		EPA 8260	Not Detected	ug/kg (dw)	11	AGV	9/6/2000	
Vinyl Chloride	34495		EPA 8260	Not Detected	ug/kg (dw)	2.1	AGV	9/6/2000	
Chloroethane	34314		EPA 8260	Not Detected	ug/kg (dw)	11	AGV	9/6/2000	
Methylene Chloride	34426		EPA 8260	Not Detected	ug/kg (dw)	5.4	AGV	9/6/2000	
Trichlorofluoromethane	34491		EPA 8260	Not Detected	ug/kg (dw)	5.4	AGV	9/6/2000	
Acetone	75059		EPA 8260	Trace	ug/kg (dw)	110	AGV	9/6/2000	
Dibromomethane	78756		EPA 8260	Not Detected	ug/kg (dw)	5.4	AGV	9/6/2000	
trans-1,2-Dichloroethene	34549		EPA 8260	Not Detected	ug/kg (dw)	5.4	AGV	9/6/2000	
Iodomethane	73121		EPA 8260	Not Detected	ug/kg (dw)	5.4	AGV	9/6/2000	
Carbon Disulfide	78544		EPA 8260	5.9	ug/kg (dw)	5.4	AGV	9/6/2000	
1,1-Dichloroethene	34504		EPA 8260	Not Detected	ug/kg (dw)	5.4	AGV	9/6/2000	
1,1-Dichloroethane	34499		EPA 8260	Not Detected	ug/kg (dw)	5.4	AGV	9/6/2000	
cis-1,2-Dichloroethene	77093		EPA 8260	Not Detected	ug/kg (dw)	5.4	AGV	9/6/2000	
2,2-Dichloropropane	77170		EPA 8260	Not Detected	ug/kg (dw)	5.4	AGV	9/6/2000	
Bromochloromethane	77297		EPA 8260	Not Detected	ug/kg (dw)	5.4	AGV	9/6/2000	
Chloroform	34318		EPA 8260	Not Detected	ug/kg (dw)	5.4	AGV	9/6/2000	
1,1-Dichloropropene	77168		EPA 8260	Not Detected	ug/kg (dw)	5.4	AGV	9/6/2000	
1,2-Dichloroethane	34534		EPA 8260	Not Detected	ug/kg (dw)	5.4	AGV	9/6/2000	
2-Butanone	75078		EPA 8260	Not Detected	ug/kg (dw)	110	AGV	9/6/2000	
1,1,1-Trichloroethane	34509		EPA 8260	Not Detected	ug/kg (dw)	5.4	AGV	9/6/2000	

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Carbon Tetrachloride	34299		EPA 8260	Not Detected	ug/kg (dw)	5.4	AGV	9/6/2000	
Vinyl Acetate	78498		EPA 8260	Not Detected	ug/kg (dw)	54	AGV	9/6/2000	
Bromodichloromethane	34330		EPA 8260	Not Detected	ug/kg (dw)	5.4	AGV	9/6/2000	
1,2-Dichloropropane	34544		EPA 8260	Not Detected	ug/kg (dw)	5.4	AGV	9/6/2000	
Trichloroethene	34487		EPA 8260	Not Detected	ug/kg (dw)	5.4	AGV	9/6/2000	
Benzene	34237		EPA 8260	Trace	ug/kg (dw)	5.4	AGV	9/6/2000	
cis-1,3-Dichloropropene	34702		EPA 8260	Not Detected	ug/kg (dw)	5.4	AGV	9/6/2000	
trans-1,3-Dichloropropene	34697		EPA 8260	Not Detected	ug/kg (dw)	5.4	AGV	9/6/2000	
Dibromochloromethane	34309		EPA 8260	Not Detected	ug/kg (dw)	5.4	AGV	9/6/2000	
1,1,2-Trichloroethane	34514		EPA 8260	Not Detected	ug/kg (dw)	5.4	AGV	9/6/2000	
Bromoform	34290		EPA 8260	Not Detected	ug/kg (dw)	5.4	AGV	9/6/2000	
1,2,3-Trichloropropane	78490		EPA 8260	Not Detected	ug/kg (dw)	5.4	AGV	9/6/2000	
4-Methyl-2-Pentanone	75169		EPA 8260	Not Detected	ug/kg (dw)	54	AGV	9/6/2000	
2-Hexanone	75166		EPA 8260	Not Detected	ug/kg (dw)	54	AGV	9/6/2000	
Tetrachloroethene	34478		EPA 8260	Not Detected	ug/kg (dw)	5.4	AGV	9/6/2000	
1,3-Dichloropropane	77173		EPA 8260	Not Detected	ug/kg (dw)	5.4	AGV	9/6/2000	
1,1,2,2-Tetrachloroethane	34519		EPA 8260	Not Detected	ug/kg (dw)	5.4	AGV	9/6/2000	
Toluene	34483		EPA 8260	Not Detected	ug/kg (dw)	5.4	AGV	9/6/2000	
1,2-Dibromoethane	79749		EPA 8260	Not Detected	ug/kg (dw)	5.4	AGV	9/6/2000	
Chlorobenzene	34304		EPA 8260	31	ug/kg (dw)	5.4	AGV	9/6/2000	
Ethylbenzene	34374		EPA 8260	Not Detected	ug/kg (dw)	5.4	AGV	9/6/2000	
1,1,1,2-Tetrachloroethane			EPA 8260	Not Detected	ug/kg (dw)	5.4	AGV	9/6/2000	
Styrene	75192		EPA 8260	Not Detected	ug/kg (dw)	5.4	AGV	9/6/2000	
p,m-Xylene	45510		EPA 8260	Not Detected	ug/kg (dw)	11	AGV	9/6/2000	
o-Xylene	78362		EPA 8260	Not Detected	ug/kg (dw)	5.4	AGV	9/6/2000	
Isopropylbenzene	77223		EPA 8260	Not Detected	ug/kg (dw)	5.4	AGV	9/6/2000	
Bromobenzene	78491		EPA 8260	Not Detected	ug/kg (dw)	5.4	AGV	9/6/2000	
n-Propylbenzene	77224		EPA 8260	Not Detected	ug/kg (dw)	5.4	AGV	9/6/2000	
2-Chlorotoluene	77225		EPA 8260	Not Detected	ug/kg (dw)	5.4	AGV	9/6/2000	
1,3,5-Trimethylbenzene	77226		EPA 8260	Not Detected	ug/kg (dw)	5.4	AGV	9/6/2000	
4-Chlorotoluene	77277		EPA 8260	Not Detected	ug/kg (dw)	5.4	AGV	9/6/2000	
tert-Butylbenzene	77353		EPA 8260	Trace	ug/kg (dw)	5.4	AGV	9/6/2000	
1,2,4-Trimethylbenzene	34554		EPA 8260	Trace	ug/kg (dw)	5.4	AGV	9/6/2000	
sec-Butylbenzene	77350		EPA 8260	Not Detected	ug/kg (dw)	5.4	AGV	9/6/2000	
1,3-Dichlorobenzene	34569		EPA 8260	Not Detected	ug/kg (dw)	5.4	AGV	9/6/2000	
p-Isopropyltoluene	77356		EPA 8260	Not Detected	ug/kg (dw)	5.4	AGV	9/6/2000	
1,4-Dichlorobenzene	34574		EPA 8260	Not Detected	ug/kg (dw)	5.4	AGV	9/6/2000	
n-Butylbenzene	77342		EPA 8260	Not Detected	ug/kg (dw)	5.4	AGV	9/6/2000	
1,2-Dichlorobenzene	34539		EPA 8260	Not Detected	ug/kg (dw)	5.4	AGV	9/6/2000	
1,2-Dibromo-3-chloropropane	99999		EPA 8260	Not Detected	ug/kg (dw)	5.4	AGV	9/6/2000	
1,2,4-Trichlorobenzene	34554		EPA 8260	Not Detected	ug/kg (dw)	5.4	AGV	9/6/2000	
Hexachlorobutadiene	39705		EPA 8260	Not Detected	ug/kg (dw)	5.4	AGV	9/6/2000	
Naphthalene	34445		EPA 8260	Not Detected	ug/kg (dw)	5.4	AGV	9/6/2000	
1,2,3-Trichlorobenzene	77613		EPA 8260	Not Detected	ug/kg (dw)	5.4	AGV	9/6/2000	
8270 Semi-Vol in Soil/Sed QC Batch 36842									
2-Fluorophenol(Surrogate QC Std.)		U	EPA 8270C	65	ug/kg (dw)	0.00	GJG	9/15/2000	*22 to 63*
Phenol-d5(Surrogate QC Std.)		U	EPA 8270C	77	ug/kg (dw)	0.00	GJG	9/15/2000	*18 to 73*
Nitrobenzene-d5(Surrogate QC Std.)			EPA 8270C	77	ug/kg (dw)	0.00	GJG	9/15/2000	*25 to 81*
2-Fluorobiphenyl(Surrogate QC Std.)			EPA 8270C	80	ug/kg (dw)	0.00	GJG	9/15/2000	*28 to 81*

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Organics:	Danny Reed	Ext 5252
GC Mass Spec:	Steve Bryan	Ext 5260

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER PQL	ANALYST	ANALYSIS DATE	MCL or QC Range
2,4,6-Tribromophenol(Surrogate QC Std.)			EPA 8270C	81	ug/kg (dw)	0.00	GJG	9/15/2000	*14 to 101*
Terphenyl-d14(Surrogate QC Std.)		U	EPA 8270C	94	ug/kg (dw)	0.00	GJG	9/15/2000	*44 to 92*
n-Nitrosodimethylamine	34441		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
2-Picoline	73310		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
Methylmethanesulfonate	73119		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
Ethylmethanesulfonate	73118		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
Aniline	73185		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
Phenol	34695		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
bis(2-Chloroethyl)ether	34276		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
2-Chlorophenol	34589		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
1,3-Dichlorobenzene	34569		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
1,4-Dichlorobenzene	34574		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
Benzyl alcohol	75212		EPA 8270C	Not Detected	ug/kg (dw)	2200	GJG	9/15/2000	
1,2-Dichlorobenzene	34539		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
2-Methylphenol			EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
bis(2-Chloroisopropyl)ether	34286		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
Acetophenone	73272		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
4-Methylphenol			EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
n-Nitroso-di-n-propylamine	34428		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
Hexachloroethane	34399		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
Nitrobenzene	34450		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
n-Nitrosopiperidine	73129		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
Isophorone	34411		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
2-Nitrophenol	34594		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
2,4-Dimethylphenol	34609		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
bis(2-Chloroethoxy)methane	34281		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
Benzoic acid	75315		EPA 8270C	Not Detected	ug/kg (dw)	5700	GJG	9/15/2000	
2,4-Dichlorophenol	34604		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
1,2,4-Trichlorobenzene	34554		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
aa-dimethyl-Phenethylamine	73136		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
Naphthalene	34445		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
4-Chloroaniline	78867		EPA 8270C	Not Detected	ug/kg (dw)	2200	GJG	9/15/2000	
2,6-Dichlorophenol	73122		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
Hexachlorobutadiene	38705		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
n-Nitroso-di-n-butylamine	73159		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
4-Chloro-3-methylphenol	34455		EPA 8270C	Not Detected	ug/kg (dw)	2200	GJG	9/15/2000	
2-Methylnaphthalene	78868		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
1,2,4,5-Tetrachlorobenzene	79787		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
Hexachlorocyclopentadiene	34389		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
2,4,6-Trichlorophenol	34624		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
2,4,5-Trichlorophenol	78401		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
2-Chloronaphthalene	34584		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
1-Chloronaphthalene			EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
2-Nitroaniline	78299		EPA 8270C	Not Detected	ug/kg (dw)	5700	GJG	9/15/2000	
Dimethylphthalate	34344		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
Acenaphthylene	34203		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
2,6-Dinitrotoluene	34629		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	
3-Nitroaniline	78869		EPA 8270C	Not Detected	ug/kg (dw)	5700	GJG	9/15/2000	
Acenaphthene	34208		EPA 8270C	Not Detected	ug/kg (dw)	1100	GJG	9/15/2000	

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER	PQL	ANALYST	ANALYSIS DATE	MCL or QC Range
2,4-Dinitrophenol	34619		EPA 8270C	Not Detected	ug/kg (dw)		5700	GJG	9/15/2000	
4-Nitrophenol	34649		EPA 8270C	Not Detected	ug/kg (dw)		5700	GJG	9/15/2000	
Dibenzofuran	75647		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Pentachlorobenzene	79790		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
2,4-Dinitrotoluene	34614		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
1-Naphthylamine	73143		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
2-Naphthylamine	73124		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
2,3,4,6-Tetrachlorophenol			EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Diethylphthalate	34339		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Fluorene	34384		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
4-Chlorophenyl-phenylether	34644		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
4-Nitroaniline	78870		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Diphenylamine			EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
4,6-Dinitro-2-methylphenol	34660		EPA 8270C	Not Detected	ug/kg (dw)		5700	GJG	9/15/2000	
n-Nitrosodiphenylamine	34436		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
1,2-Diphenylhydrazine	34349		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
4-Bromophenyl-phenylether	34639		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Phenacetin	73117		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Hexachlorobenzene	39701		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
4-Aminobiphenyl	73125		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Pentachlorophenol	39061		EPA 8270C	Not Detected	ug/kg (dw)		5700	GJG	9/15/2000	
Pronamide	73031		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Pentachloronitrobenzene	81808		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Phenanthrene	34464		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Anthracene	34223		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Di-n-butylphthalate	39112		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Fluoranthene	34379		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Benzidine	39121		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Pyrene	34472		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
p-Dimethylaminoazobenzene	73116		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Butylbenzylphthalate	34295		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Benzo[a]anthracene	34529		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
3,3'-Dichlorobenzidine	34634		EPA 8270C	Not Detected	ug/kg (dw)		2200	GJG	9/15/2000	
Chyrsene	34323		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
bis(2-Ethylhexyl)phthalate	39102		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Di-n-octylphthalate	34599		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Benzo[b]fluoranthene	34233		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Benzo[k]fluoranthene	34245		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
7,12-Dimethylbenz(a)anthracene	73115		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Benzo[a]pyrene	34250		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
3-Methylcholanthrene	73156		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Dibenz(a,j)acridine			EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Indeno[1,2,3-cd]pyrene	34406		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Dibenz[a,h]anthracene	34559		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Benzo[g,h,i]perylene	34524		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Pyridine	73312		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Alpha-BHC	39076		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Gamma-BHC	39343		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Beta-BHC	34257		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	

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Delta-BHC	34262		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Heptachlor	39413		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Aldrin	39333		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Heptachlor Epoxide	39423		EPA 8270C	Not Detected	ug/kg (dw)		2800	GJG	9/15/2000	
Endosulfan 1	34364		EPA 8270C	Not Detected	ug/kg (dw)		5700	GJG	9/15/2000	
Dieldrin	39383		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
p,p'-DDE	39321		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Endrin	39393		EPA 8270C	Not Detected	ug/kg (dw)		2300	GJG	9/15/2000	
Endosulfan 2	34359		EPA 8270C	Not Detected	ug/kg (dw)		5700	GJG	9/15/2000	
p,p'-DDD	39311		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Endrin Aldehyde	34369		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Endosulfan Sulfate	34354		EPA 8270C	Not Detected	ug/kg (dw)		2800	GJG	9/15/2000	
p,p'-DDT	39301		EPA 8270C	Not Detected	ug/kg (dw)		1100	GJG	9/15/2000	
Cyclododecane			EPA 8270C	1700 TIE	ug/kg (dw)		0.00	GJG	9/15/2000	
Hexadecanoic Acid			EPA 8270C	1300 TIE	ug/kg (dw)		0.00	GJG	9/15/2000	
Tetracosane			EPA 8270C	3200 TIE	ug/kg (dw)		0.00	GJG	9/15/2000	
1-Octadecanol			EPA 8270C	15000 TIE	ug/kg (dw)		0.00	GJG	9/15/2000	
ICP Metals HW in TCLP Extracts QC Batch 36581										
Silver	01077		EPA 6010B	Not Detected	mg/L		0.01	PT	9/14/2000	5
Arsenic	01002		EPA 6010B	Not Detected	mg/L		0.08	PT	9/14/2000	5
Barium	01007		EPA 6010B	0.65	mg/L		0.01	PT	9/14/2000	100
Cadmium	01027		EPA 6010B	0.02	mg/L		0.01	PT	9/14/2000	1
Chromium	01034		EPA 6010B	Not Detected	mg/L		0.02	PT	9/14/2000	5
Lead	01051		EPA 6010B	0.59	mg/L		0.09	PT	9/14/2000	5
Selenium	01147		EPA 6010B	Not Detected	mg/L		0.19	PT	9/14/2000	1
ICP Metals HW in Solids QC Batch 36308										
Silver	01078		EPA 6010B	Not Detected	mg/kg (dw)		1	PT	9/6/2000	
Arsenic	01003		EPA 6010B	270	mg/kg (dw)		8	PT	9/6/2000	
Barium	01008		EPA 6010B	150	mg/kg (dw)		1	PT	9/6/2000	
Cadmium	01028		EPA 6010B	2.7	mg/kg (dw)		1	PT	9/6/2000	
Chromium	01029		EPA 6010B	31	mg/kg (dw)		2	PT	9/6/2000	
Lead	01052		EPA 6010B	260	mg/kg (dw)		9	PT	9/6/2000	
Nickel	01068		EPA 6010B	25	mg/kg (dw)		2	PT	9/6/2000	
Selenium	01148		EPA 6010B	Not Detected	mg/kg (dw)		19	PT	9/6/2000	
Copper	01042		EPA 6010B	89	mg/kg (dw)		2	PT	9/6/2000	
QC Batch 36228										
Mercury			EPA 7471A	0.31	mg/kg (dw)		0.1	CN	9/7/2000	
Pesticides in Sediment/Soil QC Batch 36291										
TCMX surr std			EPA 8081A	5.30	ug/KG (dw)			PM	9/14/2000	*4.0 to 12*
DCB surr std			EPA 8081A	13.1	ug/KG (dw)			PM	9/14/2000	*8.0 to 24*
ALDRIN			EPA 8081A	19	ug/KG (dw)		3.5	PM	9/14/2000	
a-BHC			EPA 8081A	41	ug/KG (dw)	D	20	PM	9/14/2000	
b-BHC			EPA 8081A	120	ug/KG (dw)	D	30	PM	9/14/2000	
d-BHC			EPA 8081A	Not Detected	ug/KG (dw)		4.5	PM	9/14/2000	
LINDANE (g-BHC)			EPA 8081A	10	ug/KG (dw)		1.0	PM	9/14/2000	
CHLORDANE			EPA 8081A	Not Detected	ug/KG (dw)		50	PM	9/14/2000	
4,4-DDE			EPA 8081A	1700	ug/KG (dw)	D	300	PM	9/14/2000	
4,4-DDD			EPA 8081A	500	ug/KG (dw)	D	380	PM	9/14/2000	

ug/L: micrograms/liter
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mg/kg: milligrams/kilogram
ug/kg: micrograms/kilogram
ug/g: micrograms/gram
ppm: parts per million

<: less than
MCL: Maximum Contaminant Level
PQL: Practical Quantitation Limit
LSPC: result less than lower specification
USPC: result greater than upper specification
TIE: Tentatively Identified or Estimated
VIOL: Violation (result exceeds MCL)

Laboratory Contacts:

Inorganics:	Pat Sammons	Ext 5239
Metals:	Mark Tolbert	Ext 5240
Organics:	Danny Reed	Ext 5252
GC Mass Spec:	Steve Bryan	Ext 5260

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER PQL	ANALYST	ANALYSIS DATE	MCL or QC Range
4,4-DDT			EPA 8081A	31	ug/KG (dw)	6.5	PM	9/14/2000	
DIELDRIN			EPA 8081A	Not Detected	ug/KG (dw)	2.0	PM	9/14/2000	
ENDOSULFAN I			EPA 8081A	Not Detected	ug/KG (dw)	5.0	PM	9/14/2000	
ENDOSULFAN II			EPA 8081A	Not Detected	ug/KG (dw)	7.5	PM	9/14/2000	
ENDOSULFAN SULFATE			EPA 8081A	Not Detected	ug/KG (dw)	8.0	PM	9/14/2000	
ENDRIN			EPA 8081A	Not Detected	ug/KG (dw)	7.5	PM	9/14/2000	
ENDRIN ALDEHYDE			EPA 8081A	Not Detected	ug/KG (dw)	3.5	PM	9/14/2000	
HEPTACHLOR			EPA 8081A	Not Detected	ug/KG (dw)	5.0	PM	9/14/2000	
HEPTACHLOR EPOXIDE			EPA 8081A	Not Detected	ug/KG (dw)	4.0	PM	9/14/2000	
TOXAPHENE			EPA 8081A	Not Detected	ug/KG (dw)	130	PM	9/14/2000	
CHLORPYRIFOS (DURSBAN)			EPA 8081A	Not Detected	ug/KG (dw)	5.0	PM	9/14/2000	
HEXACHLOROBENZENE			EPA 8081A	Not Detected	ug/KG (dw)	1.0	PM	9/14/2000	
METHOXYCHLOR			EPA 8081A	Not Detected	ug/KG (dw)	20	PM	9/14/2000	
MIREX			EPA 8081A	Not Detected	ug/KG (dw)	3.5	PM	9/14/2000	
PCBs in Sediments or Soils QC Batch 36497									
TCMX surr std			EPA 8082	5.30	ug/KG (dw)		PM	9/12/2000	*4.0 to 12.0*
DCBP surr std			EPA 8082	13.1	ug/KG (dw)		PM	9/12/2000	*8.0 to 24.0*
PCB-1016			EPA 8082	Not Detected	ug/KG (dw)	33	PM	9/12/2000	
PCB-1221			EPA 8082	Not Detected	ug/KG (dw)	33	PM	9/12/2000	
PCB-1232			EPA 8082	Not Detected	ug/KG (dw)	33	PM	9/12/2000	
PCB-1242			EPA 8082	Not Detected	ug/KG (dw)	33	PM	9/12/2000	
PCB-1248			EPA 8082	Not Detected	ug/KG (dw)	33	PM	9/12/2000	
PCB-1254			EPA 8082	Not Detected	ug/KG (dw)	33	PM	9/12/2000	
PCB-1260			EPA 8082	Not Detected	ug/KG (dw)	33	PM	9/12/2000	
PCB-1262			EPA 8082	Not Detected	ug/KG (dw)	33	PM	9/12/2000	
Phenoxy Herbicides in Sediment QC Batch 36515									
DCAA-surr QC std			EPA 8151A	280	ug/KG		BG	9/12/2000	*80 to 280*
2,4-D			EPA 8151A	Not Detected	ug/KG	20	BG	9/12/2000	
SILVEX (2,4,5-TP)			EPA 8151A	Not Detected	ug/KG	4	BG	9/12/2000	

COMMENTS: $8081S - D qualifier denotes results based on dilution run on 9/14/00. a-BHC and b-BHC required 10X dilution, 4,4-DDD required 50X dilution and 4,4-DDE required 100X dilution for analysis. MDLs for these analytes adjusted accordingly.

COMMENTS: $8270S - Sample had 3 surrogates, 2-Fluorophenol (65% recovery, limits 22-63%), Phenol-d5 (77% recovery, limits 18-73%), and Terphenyl-d14 (94% recovery, limits 44-92%) with recoveries outside acceptable control limits due to matrix interferences. LCS limits are within acceptable control limits. 7-091900-255

ug/L: micrograms/liter	<: less than	**Laboratory Contacts:**
mg/L: milligrams/liter	MCL: Maximum Contaminant Level	
mg/kg: milligrams/kilogram	PQL: Practical Quantitation Limit	Inorganics: Pat Sammons Ext 5239
ug/kg:	LSPC: result less than lower specification	Metals: Mark Tolbert Ext 5240
micrograms/kilogram	USPC: result greater than upper specification	Organics: Danny Reed Ext 5252
ug/g: micrograms/gram	TIE: Tentatively Identified or Estimated	GC Mass Spec: Steve Bryan Ext 5260
ppm: parts per million	VIOL: Violation (result exceeds MCL)	

REQUEST FOR LABORATORY ANALYSIS

#2012

GHL

Location: Vienna Street Dump / Fort Valley

Collected By/Phone: James Sliwinski / (404) 656-2833

Date: 12:35 pm 08/29/00

LAB No.

Submitted To Lab: 08/29/00

LOG NUMBER: 84-03

(separate Request Sheet for each sample point)

Sample ID AD02389
Location: HWMB
Description: VIENNA STREET DUMP HW8403
Sample Collecto J SLIWINSKI
Entry Point:
Due Date: 12/30/1999

Analysis Needed By: Routine ✓ Other (specify)

Sample Description (check one)

Waste ____ Soil/Sediment ✓ Sludge ✓ ____ Sludge
Ground Water ____ Surface Water ____ Drinking Water Well ____

Concentration of Organics Requested (estimated): High ____ Low ✓ Other (e.g., rinse blank - specify) ____

Describe Sample Including Source and Known Properties (e.g. pH, concentration):
Municipal and industrial dump site: metals, herbicides, pesticides, PCBs, semi-volatile and volatile organics

Applicable Hazardous Waste Codes (if known) ____

Special Precautions:

ANALYSIS REQUIRED

(Note: Totals will always be run first. A TCLP will subsequently be run only if the total value indicates a positive TCLP could results)

1. TOTAL ORGANICS

Semi-Volatiles (Acid & Base/Neutral)	✓	1 4 OZ JARS
Volatiles	✓	2 8 OZ JARS
Pesticides	✓	
Herbicides	✓	1 16 OZ JARS
Organophosphorous Pesticides		
PCB	✓	4 encores
BETX		
Total Petroleum Hydrocarbon		

Organics Special Requests: ____

2. TOTAL METALS

ICP Metals Scan (Ag,As,Ba,Cd,Cr,Ni,Pb,Se)	✓
Mercury	✓
Metals Special Requests:	

3. TCLP ORGANICS

Volatiles		Pesticides	
Semi-Volatiles (Acid & Base/Neutral)		Herbicides	

Additional Specific Organics for TCLP: ____

4. TCLP METALS ANALYSIS

TCLP Metals (Ag,As,Ba,Cd,Cr,Ni,Pb,Se)		Additional Metals for TCLP:	
Mercury			

5. ADDITIONAL ANALYSIS REQUESTED (see list on back): ____

Reviewed By: (HWMB): ____ Date: ____ Reviewed By (EPD Lab): GHL
Approved By:(HWMB): ____ Date: ____ Date (EPD Lab): 8-29-00

RECPT TEMP 0.0°

GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

455 14th Street NW, Atlanta, GA 30318-7900
(404) 206-5269

LABORATORY REPORT

TO: Georgia Env Protection Divison Hazardous Waste Mgmt Branch 205 Butler St SE Suite 1154E Atlanta, GA 30334	Date Collected: 8/29/2000 Time Collected: 12:35 Sample Collector: J SLIWINSKI Chlorination: Sample Type:
Sample ID: AD02389 Facility Name: VIENNA STREET DUMP HW8403 Site ID: HWMB Location ID: Location Descr: HW8403 FORT VALLEY	Received By: GHL Date Received: 8/30/2000 Time Received: 8:52 AM Project: HW Reporting Date: 10/5/2000 Received Temperature: 0.0 °C

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER	PQL	ANALYST	ANALYSIS DATE	MCL or QC Range
8260 Volatiles in Soil/Sed. QC Batch 36491										
Dibromofluoromethane(Surrogate QC Std.)			EPA 8260	51	ug/kg (dw)		0.00	AGV	8/31/2000	*33 to 75*
Toluene-d8(Surrogate QC Std.)			EPA 8260	52	ug/kg (dw)		0.00	AGV	8/31/2000	*39 to 68*
Bromofluorobenzene(Surrogate QC Std.)			EPA 8260	47	ug/kg (dw)		0.00	AGV	8/31/2000	*25 to 60*
1,2-Dichloroethane-d4(Surrogate QC Std.)			EPA 8260	42	ug/kg (dw)		5.7	AGV	8/31/2000	*35 to 65*
Dichlorodifluoromethane	34334		EPA 8260	Not Detected	ug/kg (dw)		5.7	AGV	8/31/2000	
Chloromethane	34421		EPA 8260	Trace	ug/kg (dw)		11	AGV	8/31/2000	
Bromomethane	34416		EPA 8260	Not Detected	ug/kg (dw)		11	AGV	8/31/2000	
Vinyl Chloride	34495		EPA 8260	Not Detected	ug/kg (dw)		2.3	AGV	8/31/2000	
Chloroethane	34314		EPA 8260	Not Detected	ug/kg (dw)		11	AGV	8/31/2000	
Methylene Chloride	34426		EPA 8260	Trace	ug/kg (dw)	B	5.7	AGV	8/31/2000	
Trichlorofluoromethane	34491		EPA 8260	Not Detected	ug/kg (dw)		5.7	AGV	8/31/2000	
Acetone	75059		EPA 8260	Not Detected	ug/kg (dw)		110	AGV	8/31/2000	
Dibromomethane	78756		EPA 8260	Not Detected	ug/kg (dw)		5.7	AGV	8/31/2000	
trans-1,2-Dichloroethene	34549		EPA 8260	Not Detected	ug/kg (dw)		5.7	AGV	8/31/2000	
Iodomethane	73121		EPA 8260	Not Detected	ug/kg (dw)		5.7	AGV	8/31/2000	
Carbon Disulfide	78544		EPA 8260	Not Detected	ug/kg (dw)		5.7	AGV	8/31/2000	
1,1-Dichloroethene	34504		EPA 8260	Not Detected	ug/kg (dw)		5.7	AGV	8/31/2000	
1,1-Dichloroethane	34499		EPA 8260	Not Detected	ug/kg (dw)		5.7	AGV	8/31/2000	
cis-1,2-Dichloroethene	77093		EPA 8260	Not Detected	ug/kg (dw)		5.7	AGV	8/31/2000	
2,2-Dichloropropane	77170		EPA 8260	Not Detected	ug/kg (dw)		5.7	AGV	8/31/2000	
Bromochloromethane	77297		EPA 8260	Not Detected	ug/kg (dw)		5.7	AGV	8/31/2000	
Chloroform	34318		EPA 8260	Not Detected	ug/kg (dw)		5.7	AGV	8/31/2000	
1,1-Dichloropropene	77168		EPA 8260	Not Detected	ug/kg (dw)		5.7	AGV	8/31/2000	
1,2-Dichloroethane	34534		EPA 8260	Not Detected	ug/kg (dw)		5.7	AGV	8/31/2000	
2-Butanone	75078		EPA 8260	Not Detected	ug/kg (dw)		110	AGV	8/31/2000	
1,1,1-Trichloroethane	34509		EPA 8260	Not Detected	ug/kg (dw)		5.7	AGV	8/31/2000	
Carbon Tetrachloride	34299		EPA 8260	Not Detected	ug/kg (dw)		5.7	AGV	8/31/2000	

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Laboratory Contacts:

Inorganics:	Pat Sammons	Ext 5239
Metals:	Mark Tolbert	Ext 5240
Organics:	Danny Reed	Ext 5252
GC Mass Spec:	Steve Bryan	Ext 5260

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	PQL	ANALYST	ANALYSIS DATE	MCL or QC Range
Vinyl Acetate	78498		EPA 8260	Not Detected		ug/kg (dw)	57	AGV	8/31/2000	
Bromodichloromethane	34330		EPA 8260	Not Detected		ug/kg (dw)	5.7	AGV	8/31/2000	
1,2-Dichloropropane	34544		EPA 8260	Not Detected		ug/kg (dw)	5.7	AGV	8/31/2000	
Trichloroethene	34487		EPA 8260	Not Detected		ug/kg (dw)	5.7	AGV	8/31/2000	
Benzene	34237		EPA 8260	Not Detected		ug/kg (dw)	5.7	AGV	8/31/2000	
cis-1,3-Dichloropropene	34702		EPA 8260	Not Detected		ug/kg (dw)	5.7	AGV	8/31/2000	
trans-1,3-Dichloropropene	34697		EPA 8260	Not Detected		ug/kg (dw)	5.7	AGV	8/31/2000	
Dibromochloromethane	34309		EPA 8260	Not Detected		ug/kg (dw)	5.7	AGV	8/31/2000	
1,1,2-Trichloroethane	34514		EPA 8260	Not Detected		ug/kg (dw)	5.7	AGV	8/31/2000	
Bromoform	34290		EPA 8260	Not Detected		ug/kg (dw)	5.7	AGV	8/31/2000	
1,2,3-Trichloropropane	78490		EPA 8260	Not Detected		ug/kg (dw)	5.7	AGV	8/31/2000	
4-Methyl-2-Pentanone	75169		EPA 8260	Not Detected		ug/kg (dw)	57	AGV	8/31/2000	
2-Hexanone	75166		EPA 8260	Not Detected		ug/kg (dw)	57	AGV	8/31/2000	
Tetrachloroethene	34478		EPA 8260	Not Detected		ug/kg (dw)	5.7	AGV	8/31/2000	
1,3-Dichloropropane	77173		EPA 8260	Not Detected		ug/kg (dw)	5.7	AGV	8/31/2000	
1,1,2,2-Tetrachloroethane	34519		EPA 8260	Not Detected		ug/kg (dw)	5.7	AGV	8/31/2000	
Toluene	34483		EPA 8260	Not Detected		ug/kg (dw)	5.7	AGV	8/31/2000	
1,2-Dibromoethane	79749		EPA 8260	Not Detected		ug/kg (dw)	5.7	AGV	8/31/2000	
Chlorobenzene	34304		EPA 8260	Not Detected		ug/kg (dw)	5.7	AGV	8/31/2000	
Ethylbenzene	34374		EPA 8260	Not Detected		ug/kg (dw)	5.7	AGV	8/31/2000	
1,1,1,2-Tetrachloroethane			EPA 8260	Not Detected		ug/kg (dw)	5.7	AGV	8/31/2000	
Styrene	75192		EPA 8260	Not Detected		ug/kg (dw)	5.7	AGV	8/31/2000	
p,m-Xylene	45510		EPA 8260	Not Detected		ug/kg (dw)	11	AGV	8/31/2000	
o-Xylene	78362		EPA 8260	Not Detected		ug/kg (dw)	5.7	AGV	8/31/2000	
Isopropylbenzene	77223		EPA 8260	Not Detected		ug/kg (dw)	5.7	AGV	8/31/2000	
Bromobenzene	78491		EPA 8260	Not Detected		ug/kg (dw)	5.7	AGV	8/31/2000	
n-Propylbenzene	77224		EPA 8260	Not Detected		ug/kg (dw)	5.7	AGV	8/31/2000	
2-Chlorotoluene	77225		EPA 8260	Not Detected		ug/kg (dw)	5.7	AGV	8/31/2000	
1,3,5-Trimethylbenzene	77226		EPA 8260	Not Detected		ug/kg (dw)	5.7	AGV	8/31/2000	
4-Chlorotoluene	77277		EPA 8260	Not Detected		ug/kg (dw)	5.7	AGV	8/31/2000	
tert-Butylbenzene	77353		EPA 8260	Not Detected		ug/kg (dw)	5.7	AGV	8/31/2000	
1,2,4-Trimethylbenzene	34554		EPA 8260	Not Detected		ug/kg (dw)	5.7	AGV	8/31/2000	
sec-Butylbenzene	77350		EPA 8260	Not Detected		ug/kg (dw)	5.7	AGV	8/31/2000	
1,3-Dichlorobenzene	34569		EPA 8260	Not Detected		ug/kg (dw)	5.7	AGV	8/31/2000	
p-Isopropyltoluene	77356		EPA 8260	Not Detected		ug/kg (dw)	5.7	AGV	8/31/2000	
1,4-Dichlorobenzene	34574		EPA 8260	Not Detected		ug/kg (dw)	5.7	AGV	8/31/2000	
n-Butylbenzene	77342		EPA 8260	Not Detected		ug/kg (dw)	5.7	AGV	8/31/2000	
1,2-Dichlorobenzene	34539		EPA 8260	Not Detected		ug/kg (dw)	5.7	AGV	8/31/2000	
1,2-Dibromo-3-chloropropane	99999		EPA 8260	Not Detected		ug/kg (dw)	5.7	AGV	8/31/2000	
1,2,4-Trichlorobenzene	34554		EPA 8260	Not Detected		ug/kg (dw)	5.7	AGV	8/31/2000	
Hexachlorobutadiene	39705		EPA 8260	Not Detected		ug/kg (dw)	5.7	AGV	8/31/2000	
Naphthalene	34445		EPA 8260	Not Detected		ug/kg (dw)	5.7	AGV	8/31/2000	
1,2,3-Trichlorobenzene	77613		EPA 8260	Not Detected		ug/kg (dw)	5.7	AGV	8/31/2000	
8270 Semi-Vol in Soil/Sed QC Batch 36842										
2-Fluorophenol(Surrogate QC Std.)			EPA 8270C	52		ug/kg (dw)	0.00	GJG	9/14/2020	*22 to 63*
Phenol-d5(Surrogate QC Std.)			EPA 8270C	57		ug/kg (dw)	0.00	GJG	9/14/2020	*18 to 73*
Nitrobenzene-d5(Surrogate QC Std.)			EPA 8270C	61		ug/kg (dw)	0.00	GJG	9/14/2020	*25 to 81*
2-Fluorobiphenyl(Surrogate QC Std.)			EPA 8270C	53		ug/kg (dw)	0.00	GJG	9/14/2020	*28 to 81*
2,4,6-Tribromophenol(Surrogate QC Std.)			EPA 8270C	56		ug/kg (dw)	0.00	GJG	9/14/2020	*14 to 101*
Terphenyl-d14(Surrogate QC Std.)			EPA 8270C	62		ug/kg (dw)	0.00	GJG	9/14/2020	*44 to 92*
n-Nitrosodimethylamine	34441		EPA 8270C	Not Detected		ug/kg (dw)	2500	GJG	9/14/2020	

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ug/g: micrograms/gram
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Metals:	Mark Tolbert	Ext 5240
Organics:	Danny Reed	Ext 5252
GC Mass Spec:	Steve Bryan	Ext 5260

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER PQL	ANALYST	ANALYSIS DATE	MCL or QC Range
2-Picoline	73310		EPA 8270C	Not Detected	ug/kg (dw)	2500	GJG	9/14/2020	
Methylmethanesulfonate	73119		EPA 8270C	Not Detected	ug/kg (dw)	2500	GJG	9/14/2020	
Ethylmethanesulfonate	73118		EPA 8270C	Not Detected	ug/kg (dw)	2500	GJG	9/14/2020	
Aniline	73185		EPA 8270C	Not Detected	ug/kg (dw)	2500	GJG	9/14/2020	
Phenol	34695		EPA 8270C	Not Detected	ug/kg (dw)	2500	GJG	9/14/2020	
bis(2-Chloroethyl)ether	34276		EPA 8270C	Not Detected	ug/kg (dw)	2500	GJG	9/14/2020	
2-Chlorophenol	34589		EPA 8270C	Not Detected	ug/kg (dw)	2500	GJG	9/14/2020	
1,3-Dichlorobenzene	34569		EPA 8270C	Not Detected	ug/kg (dw)	2500	GJG	9/14/2020	
1,4-Dichlorobenzene	34574		EPA 8270C	Not Detected	ug/kg (dw)	2500	GJG	9/14/2020	
Benzyl alcohol	75212		EPA 8270C	Not Detected	ug/kg (dw)	4800	GJG	9/14/2020	
1,2-Dichlorobenzene	34539		EPA 8270C	Not Detected	ug/kg (dw)	2500	GJG	9/14/2020	
2-Methylphenol			EPA 8270C	Not Detected	ug/kg (dw)	2500	GJG	9/14/2020	
bis(2-Chloroisopropyl)ether	34286		EPA 8270C	Not Detected	ug/kg (dw)	2500	GJG	9/14/2020	
Acetophenone	73272		EPA 8270C	Not Detected	ug/kg (dw)	2500	GJG	9/14/2020	
4-Methylphenol			EPA 8270C	Not Detected	ug/kg (dw)	2500	GJG	9/14/2020	
n-Nitroso-di-n-propylamine	34428		EPA 8270C	Not Detected	ug/kg (dw)	2500	GJG	9/14/2020	
Hexachloroethane	34399		EPA 8270C	Not Detected	ug/kg (dw)	2500	GJG	9/14/2020	
Nitrobenzene	34450		EPA 8270C	Not Detected	ug/kg (dw)	2500	GJG	9/14/2020	
n-Nitrosopiperidine	73129		EPA 8270C	Not Detected	ug/kg (dw)	2500	GJG	9/14/2020	
Isophorone	34411		EPA 8270C	Not Detected	ug/kg (dw)	2500	GJG	9/14/2020	
2-Nitrophenol	34594		EPA 8270C	Not Detected	ug/kg (dw)	2500	GJG	9/14/2020	
2,4-Dimethylphenol	34609		EPA 8270C	Not Detected	ug/kg (dw)	2500	GJG	9/14/2020	
bis(2-Chloroethoxy)methane	34281		EPA 8270C	Not Detected	ug/kg (dw)	2500	GJG	9/14/2020	
Benzoic acid	75315		EPA 8270C	Not Detected	ug/kg (dw)	12000	GJG	9/14/2020	
2,4-Dichlorophenol	34604		EPA 8270C	Not Detected	ug/kg (dw)	2500	GJG	9/14/2020	
1,2,4-Trichlorobenzene	34554		EPA 8270C	Not Detected	ug/kg (dw)	2500	GJG	9/14/2020	
aa-dimethyl-Phenethylamine	73136		EPA 8270C	Not Detected	ug/kg (dw)	2500	GJG	9/14/2020	
Naphthalene	34445		EPA 8270C	Not Detected	ug/kg (dw)	2500	GJG	9/14/2020	
4-Chloroaniline	78867		EPA 8270C	Not Detected	ug/kg (dw)	4800	GJG	9/14/2020	
2,6-Dichlorophenol	73122		EPA 8270C	Not Detected	ug/kg (dw)	2500	GJG	9/14/2020	
Hexachlorobutadiene	38705		EPA 8270C	Not Detected	ug/kg (dw)	2500	GJG	9/14/2020	
n-Nitroso-di-n-butylamine	73159		EPA 8270C	Not Detected	ug/kg (dw)	2500	GJG	9/14/2020	
4-Chloro-3-methylphenol	34455		EPA 8270C	Not Detected	ug/kg (dw)	4800	GJG	9/14/2020	
2-Methylnaphthalene	78868		EPA 8270C	Not Detected	ug/kg (dw)	2500	GJG	9/14/2020	
1,2,4,5-Tetrachlorobenzene	79787		EPA 8270C	Not Detected	ug/kg (dw)	2500	GJG	9/14/2020	
Hexachlorocyclopentadiene	34389		EPA 8270C	Not Detected	ug/kg (dw)	2500	GJG	9/14/2020	
2,4,6-Trichlorophenol	34624		EPA 8270C	Not Detected	ug/kg (dw)	2500	GJG	9/14/2020	
2,4,5-Trichlorophenol	78401		EPA 8270C	Not Detected	ug/kg (dw)	2500	GJG	9/14/2020	
2-Chloronaphthalene	34584		EPA 8270C	Not Detected	ug/kg (dw)	2500	GJG	9/14/2020	
1-Chloronaphthalene			EPA 8270C	Not Detected	ug/kg (dw)	2500	GJG	9/14/2020	
2-Nitroaniline	78299		EPA 8270C	Not Detected	ug/kg (dw)	12000	GJG	9/14/2020	
Dimethylphthalate	34344		EPA 8270C	Not Detected	ug/kg (dw)	2500	GJG	9/14/2020	
Acenaphthylene	34203		EPA 8270C	Not Detected	ug/kg (dw)	2500	GJG	9/14/2020	
2,6-Dinitrotoluene	34629		EPA 8270C	Not Detected	ug/kg (dw)	2500	GJG	9/14/2020	
3-Nitroaniline	78869		EPA 8270C	Not Detected	ug/kg (dw)	12000	GJG	9/14/2020	
Acenaphthene	34208		EPA 8270C	Not Detected	ug/kg (dw)	2500	GJG	9/14/2020	
2,4-Dinitrophenol	34619		EPA 8270C	Not Detected	ug/kg (dw)	12000	GJG	9/14/2020	
4-Nitrophenol	34649		EPA 8270C	Not Detected	ug/kg (dw)	12000	GJG	9/14/2020	
Dibenzofuran	75647		EPA 8270C	Not Detected	ug/kg (dw)	2500	GJG	9/14/2020	
Pentachlorobenzene	79790		EPA 8270C	Not Detected	ug/kg (dw)	2500	GJG	9/14/2020	
2,4-Dinitrotoluene	34614		EPA 8270C	Not Detected	ug/kg (dw)	2500	GJG	9/14/2020	

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PQL: Practical Quantitation Limit
LSPC: result less than lower specification
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Laboratory Contacts:

Inorganics:	Pat Sammons	Ext 5239
Metals:	Mark Tolbert	Ext 5240
Organics:	Danny Reed	Ext 5252
GC Mass Spec:	Steve Bryan	Ext 5260

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER	PQL	ANALYST	ANALYSIS DATE	MCL or QC Range
1-Naphthylamine	73143		EPA 8270C	Not Detected	ug/kg (dw)		2500	GJG	9/14/2020	
2-Naphthylamine	73124		EPA 8270C	Not Detected	ug/kg (dw)		2500	GJG	9/14/2020	
2,3,4,6-Tetrachlorophenol			EPA 8270C	Not Detected	ug/kg (dw)		2500	GJG	9/14/2020	
Diethylphthalate	34339		EPA 8270C	Not Detected	ug/kg (dw)		2500	GJG	9/14/2020	
Fluorene	34384		EPA 8270C	Not Detected	ug/kg (dw)		2500	GJG	9/14/2020	
4-Chlorophenyl-phenylether	34644		EPA 8270C	Not Detected	ug/kg (dw)		2500	GJG	9/14/2020	
4-Nitroaniline	78870		EPA 8270C	Not Detected	ug/kg (dw)		2500	GJG	9/14/2020	
Diphenylamine			EPA 8270C	Not Detected	ug/kg (dw)		2500	GJG	9/14/2020	
4,6-Dinitro-2-methylphenol	34660		EPA 8270C	Not Detected	ug/kg (dw)		12000	GJG	9/14/2020	
n-Nitrosodiphenylamine	34436		EPA 8270C	Not Detected	ug/kg (dw)		2500	GJG	9/14/2020	
1,2-Diphenylhydrazine	34349		EPA 8270C	Not Detected	ug/kg (dw)		2500	GJG	9/14/2020	
4-Bromophenyl-phenylether	34639		EPA 8270C	Not Detected	ug/kg (dw)		2500	GJG	9/14/2020	
Phenacetin	73117		EPA 8270C	Not Detected	ug/kg (dw)		2500	GJG	9/14/2020	
Hexachlorobenzene	39701		EPA 8270C	Not Detected	ug/kg (dw)		2500	GJG	9/14/2020	
4-Aminobiphenyl	73125		EPA 8270C	Not Detected	ug/kg (dw)		2500	GJG	9/14/2020	
Pentachlorophenol	39061		EPA 8270C	Not Detected	ug/kg (dw)		12000	GJG	9/14/2020	
Pronamide	73031		EPA 8270C	Not Detected	ug/kg (dw)		2500	GJG	9/14/2020	
Pentachloronitrobenzene	81808		EPA 8270C	Not Detected	ug/kg (dw)		2500	GJG	9/14/2020	
Phenanthrene	34464		EPA 8270C	Not Detected	ug/kg (dw)		2500	GJG	9/14/2020	
Anthracene	34223		EPA 8270C	Not Detected	ug/kg (dw)		2500	GJG	9/14/2020	
Di-n-butylphthalate	39112		EPA 8270C	Not Detected	ug/kg (dw)		2500	GJG	9/14/2020	
Fluoranthene	34379		EPA 8270C	Not Detected	ug/kg (dw)		2500	GJG	9/14/2020	
Benzidine	39121		EPA 8270C	Not Detected	ug/kg (dw)		2500	GJG	9/14/2020	
Pyrene	34472		EPA 8270C	Not Detected	ug/kg (dw)		2500	GJG	9/14/2020	
p-Dimethylaminoazobenzene	73116		EPA 8270C	Not Detected	ug/kg (dw)		2500	GJG	9/14/2020	
Butylbenzylphthalate	34295		EPA 8270C	Not Detected	ug/kg (dw)		2500	GJG	9/14/2020	
Benzo[a]anthracene	34529		EPA 8270C	Not Detected	ug/kg (dw)		2500	GJG	9/14/2020	
3,3'-Dichlorobenzidine	34634		EPA 8270C	Not Detected	ug/kg (dw)		4800	GJG	9/14/2020	
Chyrsene	34323		EPA 8270C	Not Detected	ug/kg (dw)		2500	GJG	9/14/2020	
bis(2-Ethylhexyl)phthalate	39102		EPA 8270C	Not Detected	ug/kg (dw)		2500	GJG	9/14/2020	
Di-n-octylphthalate	34599		EPA 8270C	Not Detected	ug/kg (dw)		2500	GJG	9/14/2020	
Benzo[b]fluoranthene	34233		EPA 8270C	Not Detected	ug/kg (dw)		2500	GJG	9/14/2020	
Benzo[k]fluoranthene	34245		EPA 8270C	Not Detected	ug/kg (dw)		2500	GJG	9/14/2020	
7,12-Dimethylbenz(a)anthracene	73115		EPA 8270C	Not Detected	ug/kg (dw)		2500	GJG	9/14/2020	
Benzo[a]pyrene	34250		EPA 8270C	Not Detected	ug/kg (dw)		2500	GJG	9/14/2020	
3-Methylcholanthrene	73156		EPA 8270C	Not Detected	ug/kg (dw)		2500	GJG	9/14/2020	
Dibenz(a,j)acridine			EPA 8270C	Not Detected	ug/kg (dw)		2500	GJG	9/14/2020	
Indeno[1,2,3-cd]pyrene	34406		EPA 8270C	Not Detected	ug/kg (dw)		2500	GJG	9/14/2020	
Dibenz[a,h]anthracene	34559		EPA 8270C	Not Detected	ug/kg (dw)		2500	GJG	9/14/2020	
Benzo[g,h,i]perylene	34524		EPA 8270C	Not Detected	ug/kg (dw)		2500	GJG	9/14/2020	
Pyridine	73312		EPA 8270C	Not Detected	ug/kg (dw)		2500	GJG	9/14/2020	
Alpha-BHC	39076		EPA 8270C	Not Detected	ug/kg (dw)		2500	GJG	9/14/2020	
Gamma-BHC	39343		EPA 8270C	Not Detected	ug/kg (dw)		2500	GJG	9/14/2020	
Beta-BHC	34257		EPA 8270C	Not Detected	ug/kg (dw)		2500	GJG	9/14/2020	
Delta-BHC	34262		EPA 8270C	Not Detected	ug/kg (dw)		2500	GJG	9/14/2020	
Heptachlor	39413		EPA 8270C	Not Detected	ug/kg (dw)		2500	GJG	9/14/2020	
Aldrin	39333		EPA 8270C	Not Detected	ug/kg (dw)		2500	GJG	9/14/2020	
Heptachlor Epoxide	39423		EPA 8270C	Not Detected	ug/kg (dw)		6200	GJG	9/14/2020	
Endosulfan 1	34364		EPA 8270C	Not Detected	ug/kg (dw)		12000	GJG	9/14/2020	
Dieldrin	39383		EPA 8270C	Not Detected	ug/kg (dw)		2500	GJG	9/14/2020	
p,p'-DDE	39321		EPA 8270C	Not Detected	ug/kg (dw)		2500	GJG	9/14/2020	

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Laboratory Contacts:

Inorganics:	Pat Sammons	Ext 5239
Metals:	Mark Tolbert	Ext 5240
Organics:	Danny Reed	Ext 5252
GC Mass Spec:	Steve Bryan	Ext 5260

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER	UNITS	PQL	ANALYST	ANALYSIS DATE	MCL or QC Range
Endrin	39393		EPA 8270C	Not Detected		ug/kg (dw)	4900	GJG	9/14/2020	
Endosulfan 2	34359		EPA 8270C	Not Detected		ug/kg (dw)	12000	GJG	9/14/2020	
p,p'-DDD	39311		EPA 8270C	Not Detected		ug/kg (dw)	2500	GJG	9/14/2020	
Endrin Aldehyde	34369		EPA 8270C	Not Detected		ug/kg (dw)	2500	GJG	9/14/2020	
Endosulfan Sulfate	34354		EPA 8270C	Not Detected		ug/kg (dw)	6200	GJG	9/14/2020	
p,p'-DDT	39301		EPA 8270C	Not Detected		ug/kg (dw)	2500	GJG	9/14/2020	
Hexadecanoic acid			EPA 8270C	1800	TIE	ug/kg (dw)	0.00	GJG	9/14/2020	
1-Octadecanol			EPA 8270C	24000	TIE	ug/kg (dw)	0.00	GJG	9/14/2020	
1-Dotriacontanol			EPA 8270C	7800	TIE	ug/kg (dw)	0.00	GJG	9/14/2020	
ICP Metals HW in Solids QC Batch 36308										
Silver	01078		EPA 6010B	Not Detected		mg/kg (dw)	1	PT	9/6/2000	
Arsenic	01003		EPA 6010B	Not Detected		mg/kg (dw)	8	PT	9/6/2000	
Barium	01008		EPA 6010B	30		mg/kg (dw)	1	PT	9/6/2000	
Cadmium	01028		EPA 6010B	Not Detected		mg/kg (dw)	1	PT	9/6/2000	
Chromium	01029		EPA 6010B	20		mg/kg (dw)	2	PT	9/6/2000	
Lead	01052		EPA 6010B	16		mg/kg (dw)	9	PT	9/6/2000	
Nickel	01068		EPA 6010B	3.5		mg/kg (dw)	2	PT	9/6/2000	
Selenium	01148		EPA 6010B	Not Detected		mg/kg (dw)	19	PT	9/6/2000	
Copper	01042		EPA 6010B	8.2		mg/kg (dw)	2	PT	9/6/2000	
QC Batch 36228										
Mercury			EPA 7471A	Not Detected		mg/kg (dw)	0.1	CN	9/7/2000	
Pesticides in Sediment/Soil QC Batch 36291										
TCMX surr std			EPA 8081A	6.15		ug/KG (dw)		PM	9/8/2000	*4.0 to 12*
DCB surr std			EPA 8081A	13.5		ug/KG (dw)		PM	9/8/2000	*8.0 to 24*
ALDRIN			EPA 8081A	Not Detected		ug/KG (dw)	7.0	PM	9/8/2000	
a-BHC			EPA 8081A	Not Detected		ug/KG (dw)	4.0	PM	9/8/2000	
b-BHC			EPA 8081A	Not Detected		ug/KG (dw)	6.0	PM	9/8/2000	
d-BHC			EPA 8081A	Not Detected		ug/KG (dw)	9.0	PM	9/8/2000	
LINDANE (g-BHC)			EPA 8081A	Not Detected		ug/KG (dw)	2.0	PM	9/8/2000	
CHLORDANE			EPA 8081A	Not Detected		ug/KG (dw)	100	PM	9/8/2000	
4,4-DDE			EPA 8081A	Not Detected		ug/KG (dw)	6.0	PM	9/8/2000	
4,4-DDD			EPA 8081A	Not Detected		ug/KG (dw)	15	PM	9/8/2000	
4,4-DDT			EPA 8081A	Not Detected		ug/KG (dw)	13	PM	9/8/2000	
DIELDRIN			EPA 8081A	Not Detected		ug/KG (dw)	4.0	PM	9/8/2000	
ENDOSULFAN I			EPA 8081A	Not Detected		ug/KG (dw)	10	PM	9/8/2000	
ENDOSULFAN II			EPA 8081A	Not Detected		ug/KG (dw)	15	PM	9/8/2000	
ENDOSULFAN SULFATE			EPA 8081A	Not Detected		ug/KG (dw)	16	PM	9/8/2000	
ENDRIN			EPA 8081A	Not Detected		ug/KG (dw)	15	PM	9/8/2000	
ENDRIN ALDEHYDE			EPA 8081A	Not Detected		ug/KG (dw)	7.0	PM	9/8/2000	
HEPTACHLOR			EPA 8081A	Not Detected		ug/KG (dw)	10	PM	9/8/2000	
HEPTACHLOR EPOXIDE			EPA 8081A	Not Detected		ug/KG (dw)	8.0	PM	9/8/2000	
TOXAPHENE			EPA 8081A	Not Detected		ug/KG (dw)	260	PM	9/8/2000	
CHLORPYRIFOS (DURSBAN)			EPA 8081A	Not Detected		ug/KG (dw)	10	PM	9/8/2000	
HEXACHLOROBENZENE			EPA 8081A	Not Detected		ug/KG (dw)	2.0	PM	9/8/2000	
METHOXYCHLOR			EPA 8081A	Not Detected		ug/KG (dw)	40	PM	9/8/2000	
MIREX			EPA 8081A	Not Detected		ug/KG (dw)	7.0	PM	9/8/2000	
PCBs in Sediments or Soils QC Batch 36497										
TCMX surr std			EPA 8082	6.15		ug/KG (dw)		PM	9/8/2000	*4.0 to 12.0*
DCBP surr std			EPA 8082	13.5		ug/KG (dw)		PM	9/8/2000	*8.0 to 24.0*
PCB-1016			EPA 8082	Not Detected		ug/KG (dw)	66	PM	9/8/2000	

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Organics:	Danny Reed	Ext 5252
GC Mass Spec:	Steve Bryan	Ext 5260

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER	PQL	ANALYST	ANALYSIS DATE	MCL or QC Range
PCB-1221			EPA 8082	Not Detected	ug/KG (dw)		66	PM	9/8/2000	
PCB-1232			EPA 8082	Not Detected	ug/KG (dw)		66	PM	9/8/2000	
PCB-1242			EPA 8082	Not Detected	ug/KG (dw)		66	PM	9/8/2000	
PCB-1248			EPA 8082	Not Detected	ug/KG (dw)		66	PM	9/8/2000	
PCB-1254			EPA 8082	Not Detected	ug/KG (dw)		66	PM	9/8/2000	
PCB-1260			EPA 8082	Not Detected	ug/KG (dw)		66	PM	9/8/2000	
PCB-1262			EPA 8082	Not Detected	ug/KG (dw)		66	PM	9/8/2000	
Phenoxy Herbicides in Sediment QC Batch 36515										
DCAA-surr QC std			EPA 8151A	265	ug/KG			BG	9/12/2000	*80 to 280*
2,4-D			EPA 8151A	Not Detected	ug/KG		20	BG	9/12/2000	
SILVEX (2,4,5-TP)			EPA 8151A	Not Detected	ug/KG		4	BG	9/12/2000	

COMMENTS: $8081S -PQLs adjusted for initial sample weight of 10.0 g (PQLs based on 20.0 g initial weight).

COMMENTS: $8260S "B" FLAG-Trace levels of Methylene Chloride due to laboratory contamination.7-090700-240

ug/L: micrograms/liter	< less than	**Laboratory Contacts:**
mg/L: milligrams/liter	MCL: Maximum Contaminant Level	
mg/kg: milligrams/kilogram	PQL: Practical Quantitation Limit	Inorganics: Pat Sammons Ext 5239
ug/kg:	LSPC: result less than lower specification	Metals: Mark Tolbert Ext 5240
micrograms/kilogram	USPC: result greater than upper specification	Organics: Danny Reed Ext 5252
ug/g: micrograms/gram	TIE: Tentatively Identified or Estimated	GC Mass Spec: Steve Bryan Ext 5260
ppm: parts per million	VIOL: Violation (result exceeds MCL)	

Trip blank

HAZARDOUS WASTE MANAGEMENT BRANCH (HWMB)
REQUEST FOR LABORATORY ANALYSIS

Name/Location: Vienna Street Dump / Fort Valley

Collected By/Phone: James Sliwinski / (404) 656-2833

Action Date: 08/29/00 00:00

Date Submitted To Lab: 08/30/00

HWMB LOG NUMBER: 8421

File a separate Request Sheet for each sample point)

Sample ID AD02875
Location: HWMB
Description: HW8421 VIENNA ST.DUMP T-BLANK
Sample Collecto J.SLIWINSKI
Sample ID: AD02875

Analysis Needed By: Routine ✓ Other (specify) ____

Sample Description (check one)

Waste ____ Soil/Sediment ____ Sludge ____
Ground Water ✓ Surface Water ____ Drinking Water Well ____

Concentration of Organics Requested (estimated): High ____ Low ____ Other (e.g., rinse blank - specify) Trip Blank

Describe Sample Including Source and Known Properties (e.g. pH, concentration);

Trip Blank

Applicable Hazardous Waste Codes (if known) ____ ____ ____

Special Precautions:

ANALYSIS REQUIRED

(Note: Totals will always be run first. A TCLP will subsequently be run only if the total value indicates a positive TCLP could results)

1. TOTAL ORGANICS
   - Semi-Volatiles (Acid & Base\Neutral) ____
   - Volatiles ✓
   - Pesticides ____
   - Herbicides ____
   - Organophosphorous Pesticides ____
   - PCB ____
   - BETX ____
   - Total Petroleum Hydrocarbon ____

4 OZ JARS | 8 OZ JARS | 16 OZ JARS

Organics Special Requests: ____

2. TOTAL METALS
   - ICP Metals Scan (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) ____
   - Mercury ____
   - Metals Special Requests: ____

____ HALF GALLONS/CYANIDE
____ NUTRIENTS/SULFATES
____ FCOL BOTTLES
____ METAL BOTTLES
____ AMBER BOTTLES
1 VOC VIALS
____ SULFIDES/PHENOLS
____ OIL AND GREASE

3. TCLP ORGANICS
   - Volatiles ____
   - Semi-Volatiles (Acid & Base/Neutral) ____
   - Additional Specific Organics for TCLP: ____
   - Pesticides ____
   - Herbicides ____

4. TCLP METALS ANALYSIS
   - TCLP Metals (Ag,As,Ba,Cd,Cr,Ni,Pb,Se) ____
   - Mercury ____
   - Additional Metals for TCLP: ____

5. ADDITIONAL ANALYSIS REQUESTED (see list on back): ____

Reviewed By: (HWMB): ____ Date: ____ Reviewed By (EPD Lab): M. Wallace
Approved By:(HWMB): ____ Date: ____ Date (EPD Lab): 8/30/00

MNW

RECEIVED TEMP 0.0

GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

455 14th Street NW, Atlanta, GA 30318-7900
(404) 206-5269

LABORATORY REPORT

TO: Georgia Env Protection Divison Hazardous Waste Mgmt Branch 205 Butler St SE Suite 1154E Atlanta, GA 30334		Date Collected:	8/29/2000
		Time Collected:	0:00
		Sample Collector:	J.SLIWINSKI
		Chlorination:	
		Sample Type:	
Sample ID:	AD02875	Received By:	MW
Facility Name:	HW8421 VIENNA ST.DUMP T-BLANK	Date Received:	8/30/2000
Site ID:	HWMB	Time Received:	5:36 PM
Location ID:		Project:	HW
Location Descr:	HW8421 EPD TRIP BLANK	Reporting Date:	9/28/2000
		Received Temperature:	0.0 °C

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER	PQL	ANALYST	ANALYSIS DATE	MCL or QC Range
8260 in Water QC Batch 36282										
Dibromofluoromethane(Surrogate QC Std.)			EPA 8260	54	ug/L			KDD	8/31/2000	*43 to 60*
Toluene-d8(Surrogate QC Std.)			EPA 8260	50	ug/L			KDD	8/31/2000	*40 to 60*
Bromofluorobenzene(Surrogate QC Std.)			EPA 8260	48	ug/L			KDD	8/31/2000	*40 to 54*
1,2-Dichloroethane-d4(Surrogate QC Std.)			EPA 8260	56	ug/L			KDD	8/31/2000	*35 to 65*
Dichlorodifluoromethane	34668		EPA 8260	Not Detected	ug/L		5	KDD	8/31/2000	
Chloromethane	34418		EPA 8260	Not Detected	ug/L		10	KDD	8/31/2000	
Bromomethane	34413		EPA 8260	Not Detected	ug/L		10	KDD	8/31/2000	
Vinyl Chloride	39175		EPA 8260	Not Detected	ug/L		2	KDD	8/31/2000	
Chloroethane	34311		EPA 8260	Not Detected	ug/L		10	KDD	8/31/2000	
Methylene Chloride	34423		EPA 8260	Not Detected	ug/L		5	KDD	8/31/2000	
Trichlorofluoromethane	34488		EPA 8260	Not Detected	ug/L		5	KDD	8/31/2000	
Acetone	81552		EPA 8260	Not Detected	ug/L		100	KDD	8/31/2000	
Dibromomethane	77596		EPA 8260	Not Detected	ug/L		5	KDD	8/31/2000	
trans-1,2-Dichloroethene	34546		EPA 8260	Not Detected	ug/L		5	KDD	8/31/2000	
Iodomethane	77424		EPA 8260	Not Detected	ug/L		5	KDD	8/31/2000	
Carbon Disulfide	77041		EPA 8260	Not Detected	ug/L		5	KDD	8/31/2000	
1,1-Dichloroethene	34501		EPA 8260	Not Detected	ug/L		5	KDD	8/31/2000	
1,1-Dichloroethane	34496		EPA 8260	Not Detected	ug/L		5	KDD	8/31/2000	
cis-1,2-Dichloroethene	77093		EPA 8260	Not Detected	ug/L		5	KDD	8/31/2000	
2,2-Dichloropropane	77170		EPA 8260	Not Detected	ug/L		5	KDD	8/31/2000	
Bromochloromethane	77297		EPA 8260	Not Detected	ug/L		5	KDD	8/31/2000	
Chloroform	32106		EPA 8260	Not Detected	ug/L		5	KDD	8/31/2000	
1,1-Dichloropropene	77168		EPA 8260	Not Detected	ug/L		5	KDD	8/31/2000	
1,2-Dichloroethane	32103		EPA 8260	Not Detected	ug/L		5	KDD	8/31/2000	
2-Butanone	81595		EPA 8260	Not Detected	ug/L		100	KDD	8/31/2000	
1,1,1-Trichloroethane	34506		EPA 8260	Not Detected	ug/L		5	KDD	8/31/2000	

ug/L: micrograms/liter
mg/L: milligrams/liter
mg/kg: milligrams/kilogram
ug/kg: micrograms/kilogram
ug/g: micrograms/gram
ppm: parts per million

< less than
MCL: Maximum Contaminant Level
PQL: Practical Quantitation Limit
LSPC: result less than lower specification
USPC: result greater than upper specification
TIE: Tentatively Identified or Estimated
VIOL: Violation (result exceeds MCL)

Laboratory Contacts:

Inorganics:	Pat Sammons	Ext 5239
Metals:	Mark Tolbert	Ext 5240
Organics:	Danny Reed	Ext 5252
GC Mass Spec:	Steve Bryan	Ext 5260

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER	PQL	ANALYST	ANALYSIS DATE	MCL or QC Range
Carbon Tetrachloride	32102		EPA 8260	Not Detected	ug/L		5	KDD	8/31/2000	
Vinyl Acetate	77057		EPA 8260	Not Detected	ug/L		50	KDD	8/31/2000	
Bromodichloromethane	32101		EPA 8260	Not Detected	ug/L		5	KDD	8/31/2000	
1,2-Dichloropropane	34541		EPA 8260	Not Detected	ug/L		5	KDD	8/31/2000	
Trichloroethene	39180		EPA 8260	Not Detected	ug/L		5	KDD	8/31/2000	
Benzene	34030		EPA 8260	Not Detected	ug/L		5	KDD	8/31/2000	
2-Chloroethyl vinyl ether	34576		EPA 8260	Not Detected	ug/L		5	KDD	8/31/2000	
cis-1,3-Dichloropropene	34704		EPA 8260	Not Detected	ug/L		5	KDD	8/31/2000	
trans-1,3-Dichloropropene	34699		EPA 8260	Not Detected	ug/L		5	KDD	8/31/2000	
Dibromochloromethane	32105		EPA 8260	Not Detected	ug/L		5	KDD	8/31/2000	
1,1,2-Trichloroethane	34511		EPA 8260	Not Detected	ug/L		5	KDD	8/31/2000	
Bromoform	32104		EPA 8260	Not Detected	ug/L		5	KDD	8/31/2000	
1,2,3-Trichloropropane	77443		EPA 8260	Not Detected	ug/L		5	KDD	8/31/2000	
4-Methyl-2-Pentanone	81596		EPA 8260	Not Detected	ug/L		50	KDD	8/31/2000	
2-Hexanone	77103		EPA 8260	Not Detected	ug/L		50	KDD	8/31/2000	
Tetrachloroethene	34475		EPA 8260	Not Detected	ug/L		5	KDD	8/31/2000	
1,3-Dichloropropane	77173		EPA 8260	Not Detected	ug/L		5	KDD	8/31/2000	
1,1,2,2-Tetrachloroethane	34516		EPA 8260	Not Detected	ug/L		5	KDD	8/31/2000	
Toluene	34010		EPA 8260	Not Detected	ug/L		5	KDD	8/31/2000	
1,2-Dibromoethane	77651		EPA 8260	Not Detected	ug/L		5	KDD	8/31/2000	
Chlorobenzene	34301		EPA 8260	Not Detected	ug/L		5	KDD	8/31/2000	
Ethylbenzene	34371		EPA 8260	Not Detected	ug/L		5	KDD	8/31/2000	
1,1,1,2-Tetrachloroethane	77562		EPA 8260	Not Detected	ug/L		5	KDD	8/31/2000	
Styrene	77128		EPA 8260	Not Detected	ug/L		5	KDD	8/31/2000	
p,m-Xylene	77135		EPA 8260	Not Detected	ug/L		10	KDD	8/31/2000	
o-Xylene	77135		EPA 8260	Not Detected	ug/L		5	KDD	8/31/2000	
Isopropylbenzene	77223		EPA 8260	Not Detected	ug/L		5	KDD	8/31/2000	
Bromobenzene	81555		EPA 8260	Not Detected	ug/L		5	KDD	8/31/2000	
n-Propylbenzene	77224		EPA 8260	Not Detected	ug/L		5	KDD	8/31/2000	
2-Chlorotoluene	77275		EPA 8260	Not Detected	ug/L		5	KDD	8/31/2000	
1,3,5-Trimethylbenzene	77226		EPA 8260	Not Detected	ug/L		5	KDD	8/31/2000	
4-Chlorotoluene	77277		EPA 8260	Not Detected	ug/L		5	KDD	8/31/2000	
tert-Butylbenzene	77353		EPA 8260	Not Detected	ug/L		5	KDD	8/31/2000	
1,2,4-Trimethylbenzene	77222		EPA 8260	Not Detected	ug/L		5	KDD	8/31/2000	
sec-Butylbenzene	77350		EPA 8260	Not Detected	ug/L		5	KDD	8/31/2000	
1,3-Dichlorobenzene	34566		EPA 8260	Not Detected	ug/L		5	KDD	8/31/2000	
p-Isopropyltoluene	77356		EPA 8260	Not Detected	ug/L		5	KDD	8/31/2000	
1,4-Dichlorobenzene	34571		EPA 8260	Not Detected	ug/L		5	KDD	8/31/2000	
n-Butylbenzene	77342		EPA 8260	Not Detected	ug/L		5	KDD	8/31/2000	
1,2-Dichlorobenzene	34536		EPA 8260	Not Detected	ug/L		5	KDD	8/31/2000	
1,2-Dibromo-3-chloropropane			EPA 8260	Not Detected	ug/L		5	KDD	8/31/2000	
1,2,4-Trichlorobenzene	34551		EPA 8260	Not Detected	ug/L		5	KDD	8/31/2000	
Hexachlorobutadiene	38702		EPA 8260	Not Detected	ug/L		5	KDD	8/31/2000	
Naphthalene	34696		EPA 8260	Not Detected	ug/L		5	KDD	8/31/2000	
1,2,3-Trichlorobenzene	77613		EPA 8260	Not Detected	ug/L		5	KDD	8/31/2000	

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mg/L: milligrams/liter
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ug/g: micrograms/gram
ppm: parts per million

< less than
MCL: Maximum Contaminant Level
PQL: Practical Quantitation Limit
LSPC: result less than lower specification
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TIE: Tentatively Identified or Estimated
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Laboratory Contacts:

Inorganics:	Pat Sammons	Ext 5239
Metals:	Mark Tolbert	Ext 5240
Organics:	Danny Reed	Ext 5252
GC Mass Spec:	Steve Bryan	Ext 5260

QA/QC BATCH REPORT

To: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Sample ID: AD02873
Location Code: HWMB
Date Collected: 8/30/2000 10:45:00 AM
Date Received: 8/30/2000 5:36:00 PM

QA/QC Batch Name: $ICP_E-36581
Project: HW
Sample Description: HW8416 VIENNA ST.DUMP/FT VALL

Samples in Batch #: 36581
AD02871 AD02873

Analysis/Analyte	Result mg/L	Method Blank mg/L	Amount Spiked mg/L	MS Result mg/L	MS Dup Result mg/L	MS Dup Precision RPD	MS Recovery %	LCS Result mg/L	LCS Dup Result mg/L	LCS Dup Precision RPD	LCS Recovery %
$ICP_E Arsenic	0.19	<0.08	1.00	1.27	1.22	4.02	108	1.07	1.07	0.00	107
$ICP_E Barium	0.47	<0.01	1.00	1.39	1.30	6.69	92.0	0.924	0.919	0.543	92.4
$ICP_E Cadmium	ND	<0.01	1.00	1.05	1.00	4.88	105	0.969	0.998	2.95	96.9
$ICP_E Chromium	ND	<0.02	1.00	1.05	1.00	4.88	105	0.974	1.00	2.63	97.4
$ICP_E Lead	ND	<0.09	1.00	1.06	1.04	1.90	106	0.980	1.01	3.02	98.0
$ICP_E Selenium	ND	<0.19	5.00	5.31	5.15	3.06	106	5.09	5.09	0.00	102
$ICP_E Silver	ND	<0.01	0.200	0.210	0.200	4.88	105	0.194	0.206	6.00	97.0

QA/QC BATCH REPORT

To: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Sample ID: AD02389
Location Code: HWMB
Date Collected: 8/29/2000 12:35:00 PM
Date Received: 8/30/2000 8:52:00 AM

QA/QC Batch Name: $ICPHS-36308
Project: HW
Sample Description: VIENNA STREET DUMP HW8403

Samples in Batch #: 36308

AD02389	AD02393	AD02394	AD02866
AD02867	AD02868	AD02869	AD02870
AD02871	AD02872	AD02873	AD02874

Analysis/Analyte	Result mg/kg (dw)	Method Blank mg/kg (dw)	Amount Spiked mg/kg	MS Result mg/kg	MS Dup Result mg/kg	MS Dup Precision RPD	MS Recovery %	LCS Result mg/kg (dw)	LCS Dup Result mg/kg (dw)	LCS Dup Precision RPD(dw)	LCS Recovery %
$ICPHS ARSENIC	ND	<8	50	55.5	60.5	8.62	111	51.2	51.9	1.36	102
$ICPHS BARIUM	30	<1	50	79.8	79.8	0.00	99.6	47.8	48.3	1.04	95.6
$ICPHS CADMIUM	ND	<1	50	51.9	50.8	2.14	104	53.3	53.2	0.188	107
$ICPHS CHROMIUM	20	<2	50	74.3	72.0	3.14	109	51.7	52.4	1.34	103
$ICPHS COPPER	8.2	<2	50	57.2	56.8	0.702	98.0	47.4	47.5	0.211	94.8
$ICPHS LEAD	16	<9	50	71.5	74.8	4.51	111	51.2	53.3	4.02	102
$ICPHS NICKEL	3.5	<2	50	58.4	56.6	3.13	110	53.4	53.6	0.374	107
$ICPHS SELENIUM	ND	<19	250	228	230	0.873	91.2	245	246	0.407	98.0
$ICPHS SILVER	ND	<1	10	10.1	9.75	3.53	101	10.2	10.3	0.976	102

QA/QC BATCH REPORT

To: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Sample ID: AD02389
Location Code: HWMB
Date Collected: 8/29/2000 12:35:00 PM
Date Received: 8/30/2000 8:52:00 AM

QA/QC Batch Name: HG7471-36228
Project: HW
Sample Description: VIENNA STREET DUMP HW8403

Samples in Batch #: 36228

AD02389	AD02393	AD02394	AD02866
AD02867	AD02868	AD02869	AD02870
AD02871	AD02872	AD02873	AD02874

Analysis/Analyte	Result mg/kg (dw)	Method Blank mg\kg	Amount Spiked mg/kg	MS Result mg/kg	MS Dup Result mg/kg	MS Dup Precision % RSD	MS Recovery %	LCS Result mg\kg	LCS Dup Result mg\kg	LCS Dup Precision RPD	LCS Recovery %
HG7471	ND	<0.1	0.779	0.749	0.772	3.02	96.1	0.602	0.603	0.166	100

QA/QC BATCH REPORT

To: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Sample ID: AD02866
Location Code: HWMB
Date Collected: 8/30/2000 9:40:00 AM
Date Received: 8/30/2000 5:38:00 PM

QA/QC Batch Name: $8082S-36497
Project: HW
Sample Description: HW8402 VIENNA ST.DUMP/FT VALL

Samples in Batch #: 36497

AD02389	AD02393	AD02394	AD02866
AD02867	AD02868	AD02869	AD02870
AD02871	AD02872	AD02873	AD02874

Analysis/Analyte	Result ug/KG (dw)	Method Blank ug/KG (dw)	Amount Spiked ug/KG (dw)	MS Result ug/KG (dw)	MS Dup Result ug/KG (dw)	MS Dup Precision RPD	MS Recovery %	LCS Result ug/KG (dw)	LCS Dup Result ug/KG (dw)	LCS Dup Precision RPD	LCS Recovery %
$8082S DCBP surr std	12.8	13.2	16	12.2	16.8			14.2	13.4		88.8
$8082S PCB-1016	ND	<33	266	215	249	14.7	75.2	224	195	13.8	89.6
$8082S PCB-1221	ND	<33	ND	Not Analyzed	Not Analyzed	ND	ND	Not Analyzed	Not Analyzed	ND	ND
$8082S PCB-1232	ND	<33	ND	Not Analyzed	Not Analyzed	ND	ND	Not Analyzed	Not Analyzed	ND	ND
$8082S PCB-1242	ND	<33	ND	Not Analyzed	Not Analyzed	ND	ND	Not Analyzed	Not Analyzed	ND	ND
$8082S PCB-1248	ND	<33	ND	Not Analyzed	Not Analyzed	ND	ND	Not Analyzed	Not Analyzed	ND	ND
$8082S PCB-1254	ND	<33	ND	Not Analyzed	Not Analyzed	ND	ND	Not Analyzed	Not Analyzed	ND	ND
$8082S PCB-1260	ND	<33	266	193	239	21.3	67.5	235	199	16.6	94.0
$8082S PCB-1262	ND	<33	ND	Not Analyzed	Not Analyzed	ND	ND	Not Analyzed	Not Analyzed	ND	ND
$8082S TCMX surr std	6.45	4.01	8.0	4.67	5.54			6.27	5.57		78.4

QA/QC BATCH REPORT

To: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Sample ID: AD02394
Location Code: HWMB
Date Collected: 8/29/2000 10:45:00 AM
Date Received: 8/30/2000 8:52:00 AM

QA/QC Batch Name: $8260S-36491
Project: HW
Sample Description: VIENNA STREET DUMP HW8410

Samples in Batch #: 36491
AD02389 AD02393 AD02394 AD02404
AD03050

Analysis/Analyte	Result ug/kg (dw)	Method Blank ug/kg (dw)	Amount Spiked ug/kg (dw)	MS Result ug/kg (dw)	MS Dup Result ug/kg (dw)	MS Dup Precision RPD	MS Recovery %	LCS Result ug/kg (dw)	LCS Dup Result ug/kg (dw)	LCS Dup Precision RPD	LCS Recovery %
$8260S 1,1,1,2-Tetrachloroethane	ND	<5						43			
$8260S 1,1,1-Trichloroethane	ND	<5						49			
$8260S 1,1,2,2-Tetrachloroethane	ND	<5						50			
$8260S 1,1,2-Trichloroethane	ND	<5						47			
$8260S 1,1-Dichloroethane	ND	<5						48			
$8260S 1,1-Dichloroethene	ND	<5	50	64	64		130	53	52	1.90	110
$8260S 1,1-Dichloropropene	ND	<5						47			
$8260S 1,2,3-Trichlorobenzene	ND	<5						46			
$8260S 1,2,3-Trichloropropane	ND	<5						47			
$8260S 1,2,4-Trichlorobenzene	ND	<5						46			
$8260S 1,2,4-Trimethylbenzene	ND	<5						47			
$8260S 1,2-Dibromo-3-chloropropane	ND	<5						49			
$8260S 1,2-Dibromoethane	ND	<5						48			
$8260S 1,2-Dichlorobenzene	ND	<5						45			
$8260S 1,2-Dichloroethane	ND	<5						40			
$8260S 1,2-Dichloroethane-d4(Surrogate QC Std.)	51	52	50	48	56			45	54		
$8260S 1,2-Dichloropropane	ND	<5						46			
$8260S 1,3,5-Trimethylbenzene	ND	<5						48			
$8260S 1,3-Dichlorobenzene	ND	<5						45			
$8260S 1,3-Dichloropropane	ND	<5						44			
$8260S 1,4-Dichlorobenzene	ND	<5						47			
$8260S 2,2-Dichloropropane	ND	<5						49			
$8260S 2-Butanone	ND	<100						51.5			
$8260S 2-Chlorotoluene	ND	<5						49			
$8260S 2-Hexanone	ND	<50						47.9			
$8260S 4-Chlorotoluene	ND	<5						49			
$8260S 4-Methyl-2-Pentanone	ND	<50						48.9			
$8260S Acetone	ND	<100						53			
$8260S Benzene	ND	<5	50	54	56	3.64	110	47	48	2.11	94
$8260S Bromobenzene	ND	<5						46			
$8260S Bromochloromethane	ND	<5						50			
$8260S Bromodichloromethane	ND	<5						42			
$8260S Bromofluorobenzene(Surrogate QC Std)	48	50	50	47	51			47	50		
$8260S Bromoform	ND	<5						46			
$8260S Bromomethane	ND	<10						49			

QA/QC BATCH REPORT

Analysis/Analyte	Result ug/kg (dw)	Method Blank ug/kg (dw)	Amount Spiked ug/kg (dw)	MS Result ug/kg (dw)	MS Dup Result ug/kg (dw)	MS Dup Precision RPD	MS Recovery %	LCS Result ug/kg (dw)	LCS Dup Result ug/kg (dw)	LCS Dup Precision RPD	LCS Recovery %
$8260S Carbon Disulfide	Trace	<5						55			
$8260S Carbon Tetrachloride	ND	<5						43			
$8260S Chlorobenzene	ND	<5	50	55	56	1.80	110	47	45	4.35	94
$8260S Chloroethane	ND	<10						50			
$8260S Chloroform	ND	<5						49			
$8260S Chloromethane	Trace	<10						54			
$8260S cis-1,2-Dichloroethene	ND	<5						50			
$8260S cis-1,3-Dichloropropene	ND	<5						45			
$8260S Dibromochloromethane	ND	<5						43			
$8260S Dibromofluoromethane(Surrogate QC Std.)	52	52	50	54	54			50	53		
$8260S Dibromomethane	ND	<5						48			
$8260S Dichlorodifluoromethane	ND	<5						55			
$8260S Ethylbenzene	ND	<5						45			
$8260S Hexachlorobutadiene	ND	<5						43			
$8260S Hexanal	8.9 TIE										
$8260S Iodomethane	ND	<5						41			
$8260S Isopropylbenzene	ND	<5						47			
$8260S Methylene Chloride	Trace	Trace						48			
$8260S n-Butylbenzene	ND	<5						49			
$8260S n-Propylbenzene	ND	<5						46			
$8260S Naphthalene	ND	<5						48			
$8260S o-Xylene	ND	<5						47			
$8260S p,m-Xylene	ND	<10						97			
$8260S p-Isopropyltoluene	ND	<5						47			
$8260S sec-Butylbenzene	ND	<5						47			
$8260S Styrene	ND	<5						48			
$8260S tert-Butylbenzene	ND	<5						45			
$8260S Tetrachloroethene	ND	<5						48			
$8260S Toluene	ND	<5	50	56	55	1.80	110	46	46		92
$8260S Toluene-d8(Surrogate QC Std.)	52	49	50	52	49			47	49		
$8260S trans-1,2-Dichloroethene	ND	<5						50			
$8260S trans-1,3-Dichloropropene	ND	<5						43			
$8260S Trichloroethene	ND	<5	50	54	55	1.83	110	46	48	4.26	92
$8260S Trichlorofluoromethane	ND	<5						56			
$8260S Vinyl Acetate	ND	<50						55			
$8260S Vinyl Chloride	ND	<2						51			

Comments: $8260S "B" FLAG-Trace levels of Methylene Chloride due to laboratory contamination. 7-090700-240

QA/QC BATCH REPORT

To: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Sample ID: AD02866
Location Code: HWMB
Date Collected: 8/30/2000 9:40:00 AM
Date Received: 8/30/2000 5:36:00 PM

QA/QC Batch Name: $8151B-36515
Project: HW
Sample Description: HW8402 VIENNA ST.DUMP/FT VALL

Samples in Batch #: 36515

AD02389	AD02393	AD02394	AD02866
AD02867	AD02868	AD02869	AD02870
AD02871	AD02872	AD02873	AD02874

Analysis/Analyte	Result ug/KG	Method Blank ug/KG	Amount Spiked ug/KG	MS Result ug/KG	MS Dup Result ug/KG	MS Dup Precision ug/KG	MS Recovery ug/KG	LCS Result ug/KG	LCS Dup Result ug/KG	LCS Dup Precision ug/KG	LCS Recovery ug/KG
$8151B 2,4-D	ND	<20	200	66.9	130	U*64.1	L*33.4	219	196	11.1	110
$8151B DCAA-surr QC std	174	183	200	L*38.4	L*73.8			246	205		123
$8151B SILVEX (2,4,5-TP)	ND	<4	40	7.84	10.9	32.7	L*19.6	32.7	34.5	5.36	81.8

Comments: $8151B - Herbicides in Sediments - The recoveries for both 2,4-D (33.4%) and Silvex (19.6%) in the MS are below the acceptable QC range (Range = 50-140%) and the precision for 2,4-D is out of the acceptable QC limit at 64.1% (Limit = 50%) due to matrix interferences. Recoveries and precision for the LCS/LCSD are all within the acceptable QC ranges (1-091300-485).

QA/QC BATCH REPORT

To: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Sample ID: AD02866
Location Code: HWMB
Date Collected: 8/30/2000 9:40:00 AM
Date Received: 8/30/2000 5:36:00 PM

QA/QC Batch Name: $8081S-36291
Project: HW
Sample Description: HW8402 VIENNA ST.DUMP/FT VALL

Samples in Batch #: 36291

AD02389	AD02393	AD02394	AD02866
AD02867	AD02868	AD02869	AD02870
AD02871	AD02872	AD02873	AD02874

Analysis/Analyte	Result ug/KG (dw)	Method Blank ug/KG (dw)	Amount Spiked ug/KG	MS Result ug/KG (dw)	MS Dup Result ug/KG (dw)	MS Dup Precision RPD	MS Recovery %	LCS Result ug/KG (dw)	LCS Dup Result ug/KG (dw)	LCS Dup Precision RPD	LCS Recovery %
$8081S 4,4-DDD	ND	<7.5	18.3	ND	ND			8.65	9.35	7.78	54.1
$8081S 4,4-DDE	74	<3.0	Not Analyzed	Not Analyzed	Not Analyzed			Not Analyzed	Not Analyzed		
$8081S 4,4-DDT	23	<6.5	18.3	41.3	46.6	12.1	100	9.15	9.90	7.87	57.2
$8081S a-BHC	ND	<2.0	9.14	5.69	7.03	21.1	62.3	4.67	5.10	8.80	58.4
$8081S ALDRIN	ND	<3.5	Not Analyzed	Not Analyzed	Not Analyzed			Not Analyzed	Not Analyzed		
$8081S b-BHC	ND	<3.0	Not Analyzed	Not Analyzed	Not Analyzed			Not Analyzed	Not Analyzed		
$8081S CHLORDANE	ND	<50	Not Analyzed	Not Analyzed	Not Analyzed			Not Analyzed	Not Analyzed		
$8081S CHLORPYRIFOS (DURSBAN)	ND	<5.0	Not Analyzed	Not Analyzed	Not Analyzed			Not Analyzed	Not Analyzed		
$8081S d-BHC	ND	<4.5	Not Analyzed	Not Analyzed	Not Analyzed			Not Analyzed	Not Analyzed		
$8081S DCB surr std	12.8	13.2	16	11.7	15.2			9.55	10.2	6.58	59.7
$8081S DIELDRIN	ND	<2.0	18.3	11.5	14.4	22.4	62.8	9.40	10.1	7.18	58.8
$8081S ENDOSULFAN I	ND	<5.0	9.14	10.9	11.9	8.77	119	4.84	5.25	8.13	60.5
$8081S ENDOSULFAN II	ND	<7.5	Not Analyzed	Not Analyzed	Not Analyzed			Not Analyzed	Not Analyzed		
$8081S ENDOSULFAN SULFATE	ND	<8.0	Not Analyzed	Not Analyzed	Not Analyzed			Not Analyzed	Not Analyzed		
$8081S ENDRIN	ND	<7.5	18.3	16.2	16.1	0.619	88.5	9.90	10.7	7.77	61.9
$8081S ENDRIN ALDEHYDE	ND	<3.5	Not Analyzed	Not Analyzed	Not Analyzed			Not Analyzed	Not Analyzed		
$8081S HEPTACHLOR	ND	<5.0	9.14	7.77	7.60	2.21	85.0	5.40	6.00	10.5	67.5
$8081S HEPTACHLOR EPOXIDE	ND	<4.0	Not Analyzed	Not Analyzed	Not Analyzed			Not Analyzed	Not Analyzed		
$8081S HEXACHLOROBENZENE	ND	<1.0	Not Analyzed	Not Analyzed	Not Analyzed			Not Analyzed	Not Analyzed		
$8081S LINDANE (g-BHC)	ND	<1.0	9.14	6.06	7.20	17.2	66.3	4.75	5.05	6.12	59.4
$8081S METHOXYCHLOR	ND	<20	91.4	69.7	82.9	17.3	76.3	51.0	55.5	8.45	63.8
$8081S MIREX	13	<3.5	18.3	29.9	36.2	19.1	92.3	8.05	8.10	0.619	50.3
$8081S TCMX surr std	6.45	4.01	8.0	5.30	6.30			4.20	4.17	0.717	52.5
$8081S TOXAPHENE	3500	<130	Not Analyzed	Not Analyzed	Not Analyzed			Not Analyzed	Not Analyzed		

Comments: $8081S - D qualifier denotes results based on dilution run on 9/13/00. 4,4-DDE and Toxaphene required 10X dilution for analysis. PQLs for these analytes adjusted accordingly.
$8081S - J qualifier denotes estimated results. Toxaphene estimated due to weathering effects resulting in peak ratios varied from the standard.

Comments: $P 8081S : 4,4-DDD recovery for MS 0% (range 50 - 150%) and "Not Detected" in MSD (no precision calculated - limit = 35%) due to matrix interferences. LCS/LCSD were in control. 1-092000-498

QA/QC BATCH REPORT

To: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Sample ID: AD02874
Location Code: HWMB
Date Collected: 8/30/2000 9:00:00 AM
Date Received: 8/30/2000 5:36:00 PM

QA/QC Batch Name: $8260S-36498
Project: HW
Sample Description: HW8418 VIENNA ST.DUMP/FT VALL

Samples In Batch #: 36498

AD02866	AD02867	AD02868	AD02869
AD02870	AD02871	AD02872	AD02873
AD02874			

Analysis/Analyte	Result ug/kg (dw)	Method Blank ug/kg (dw)	Amount Spiked ug/kg (dw)	MS Result ug/kg (dw)	MS Dup Result ug/kg (dw)	MS Dup Precision RPD	MS Recovery %	LCS Result ug/kg (dw)	LCS Dup Result ug/kg (dw)	LCS Dup Precision RPD	LCS Recovery %
$8260S 1,1,1,2-Tetrachloroethane	ND	<5						52			
$8260S 1,1,1-Trichloroethane	ND	<5						59			
$8260S 1,1,2,2-Tetrachloroethane	ND	<5						58			
$8260S 1,1,2-Trichloroethane	ND	<5						58			
$8260S 1,1-Dichloroethane	ND	<5						58			
$8260S 1,1-Dichloroethene	ND	<5	50	62	65	4.72	120	53	50	5.83	110
$8260S 1,1-Dichloropropene	ND	<5						57			
$8260S 1,2,3-Trichlorobenzene	ND	<5						51			
$8260S 1,2,3-Trichloropropane	ND	<5						56			
$8260S 1,2,4-Trichlorobenzene	ND	<5						51			
$8260S 1,2,4-Trimethylbenzene	ND	<5						54			
$8260S 1,2-Dibromo-3-chloropropane	ND	<5						53			
$8260S 1,2-Dibromoethane	ND	<5						57			
$8260S 1,2-Dichlorobenzene	ND	<5						52			
$8260S 1,2-Dichloroethane	ND	<5						60			
$8260S 1,2-Dichloroethane-d4(Surrogate QC Std.)	51	50	50	58	59			50	50		
$8260S 1,2-Dichloropropane	ND	<5						58			
$8260S 1,3,5-Trimethylbenzene	ND	<5						54			
$8260S 1,3-Dichlorobenzene	ND	<5						52			
$8260S 1,3-Dichloropropane	ND	<5						57			
$8260S 1,4-Dichlorobenzene	ND	<5						53			
$8260S 2,2-Dichloropropane	ND	<5						59			
$8260S 2-Butanone	ND	<100						57			
$8260S 2-Chlorotoluene	ND	<5						55			
$8260S 2-Hexanone	ND	<50						53			
$8260S 4-Chlorotoluene	ND	<5						55			
$8260S 4-Methyl-2-Pentanone	ND	<50						58			
$8260S Acetone	ND	<100						57			
$8260S Benzene	ND	<5	50	56	59	5.22	110	54	45	18.2	110
$8260S Bromobenzene	ND	<5						52			
$8260S Bromochloromethane	ND	<5						57			
$8260S Bromodichloromethane	ND	<5						56			
$8260S Bromofluorobenzene(Surrogate QC Std.)	48	49	50	45	42			50	50		
$8260S Bromoform	ND	<5						52			
$8260S Bromomethane	ND	<10						56			

QA/QC BATCH REPORT

To: Georgia Env Protection Divison
Hazardous Waste Mgmt Branch
205 Butler St SE Suite 1154E
Atlanta, GA 30334

Sample ID: AD02873
Location Code: HWMB
Date Collected: 8/30/2000 10:45:00 AM
Date Received: 8/30/2000 5:36:00 PM

QA/QC Batch Name: $8270S-36842
Project: HW
Sample Description: HW8418 VIENNA ST.DUMP/FT VALL

Samples in Batch #: 36842

AD02389	AD02393	AD02394	AD02866
AD02867	AD02868	AD02869	AD02870
AD02871	AD02872	AD02873	AD02874
AD03050	AD04140	AD04141	AD04142

Analysis/Analyte	Result ug/kg (dw)	Method Blank ug/kg (dw)	Amount Spiked ug/kg (dw)	MS Result ug/kg (dw)	MS Dup Result ug/kg (dw)	MS Dup Precision RPD	MS Recovery %	LCS Result ug/kg	LCS Dup Result ug/kg	LCS Dup Precision RPD	LCS Recovery %
$8270S 1,2,4,5-Tetrachlorobenzene	ND	<660		ND							
$8270S 1,2,4-Trichlorobenzene	ND	<660	100	U*61.6	U*67.1	8.55	U*61.6	65	67	3.03	65.0
$8270S 1,2-Dichlorobenzene	ND	<660		ND							
$8270S 1,2-Diphenylhydrazine	ND	<660		ND							
$8270S 1,3-Dichlorobenzene	ND	<660		ND							
$8270S 1,4-Dichlorobenzene	ND	<660	100	44.2	51.3	14.9	44.2	60	61	1.65	60.0
$8270S 1-Chloronaphthalene	ND	<660		ND							
$8270S 1-Naphthylamine	ND	<660		ND							
$8270S 1-Octadecanol	9700 TIE										
$8270S 2,3,4,6-Tetrachlorophenol	ND	<660		ND							
$8270S 2,4,5-Trichlorophenol	ND	<660		ND							
$8270S 2,4,6-Tribromophenol(Surrogate QC Std.)	93	48	100	94.3	102			67	81	18.9	67.0
$8270S 2,4,6-Trichlorophenol	ND	<660		ND							
$8270S 2,4-Dichlorophenol	ND	<660		ND							
$8270S 2,4-Dimethylphenol	ND	<660		ND							
$8270S 2,4-Dinitrophenol	ND	<3300		ND							
$8270S 2,4-Dinitrotoluene	ND	<660	100	U*79.2	74.6	5.98	U*79.2	71	72	1.40	71.0
$8270S 2,6-Dichlorophenol	ND	<660		ND							
$8270S 2,6-Dinitrotoluene	ND	<660		ND							
$8270S 2-Chloronaphthalene	ND	<660		ND							
$8270S 2-Chlorophenol	ND	<660	150	90.6	92.9	2.51	60.4	92	97	5.29	61.3
$8270S 2-Fluorobiphenyl(Surrogate QC Std.)	77	57	100	70.5	76.0			64	68	6.06	64.0
$8270S 2-Fluorophenol(Surrogate QC Std.)	U*67	52	100	59.0	61.0			66	69	4.44	66.0
$8270S 2-Methylnaphthalene	ND	<660		ND							
$8270S 2-Methylphenol	ND	<660		ND							
$8270S 2-Naphthylamine	ND	<660		ND							
$8270S 2-Nitroaniline	ND	<3300		ND							
$8270S 2-Nitrophenol	ND	<660		ND							
$8270S 2-Picoline	ND	<660		ND							
$8270S 3,3'-Dichlorobenzidine	ND	<1300		ND							
$8270S 3-Methylcholanthrene	ND	<660		ND							
$8270S 3-Nitroaniline	ND	<3300		ND							
$8270S 4,6-Dinitro-2-methylphenol	ND	<3300		ND							
$8270S 4-Aminobiphenyl	ND	<660		ND							

QA/QC BATCH REPORT

Analysis/Analyte	Result ug/kg (dw)	Method Blank ug/kg (dw)	Amount Spiked ug/kg (dw)	MS Result ug/kg (dw)	MS Dup Result ug/kg (dw)	MS Dup Precision RPD	MS Recovery %	LCS Result ug/kg	LCS Dup Result ug/kg	LCS Dup Precision RPD	LCS Recovery %
$8270S 4-Bromophenyl-phenylether	ND	<660		ND							
$8270S 4-Chloro-3-methylphenol	ND	<1300	150	107	106	0.939	71.3	94	97	3.14	62.7
$8270S 4-Chloroaniline	ND	<1300		ND							
$8270S 4-Chlorophenyl-phenylether	ND	<660		ND							
$8270S 4-Methylphenol	ND	<660		ND							
$8270S 4-Nitroaniline	ND	<660		ND							
$8270S 4-Nitrophenol	ND	<3300	150	U*117	103	12.7	U*78.0	110	85	25.6	73.3
$8270S 7,12-Dimethylbenz(a)anthracene	ND	<660		ND							
$8270S aa-dimethyl-Phenethylamine	ND	<660		ND							
$8270S Acenaphthene	ND	<660	100	67.6	69.7	3.06	67.6	59	63	6.56	59.0
$8270S Acenaphthylene	ND	<660		ND							
$8270S Acetophenone	ND	<660		ND							
$8270S Aldrin	ND	<660		ND							
$8270S Alpha-BHC	ND	<660		ND							
$8270S Aniline	ND	<660		ND							
$8270S Anthracene	ND	<660		ND							
$8270S Benzidine	ND	<660		ND							
$8270S Benzo[a]anthracene	ND	<660		ND							
$8270S Benzo[a]pyrene	ND	<660		ND							
$8270S Benzo[b]fluoranthene	ND	<660		ND							
$8270S Benzo[g,h,i]perylene	ND	<660		ND							
$8270S Benzo[k]fluoranthene	ND	<660		ND							
$8270S Benzoic acid	ND	<3300		ND							
$8270S Benzyl alcohol	ND	<1300		ND							
$8270S Beta-BHC	ND	<660		ND							
$8270S bis(2-Chloroethoxy)methane	ND	<660		ND							
$8270S bis(2-Chloroethyl)ether	ND	<660		ND							
$8270S bis(2-Chloroisopropyl)ether	ND	<660		ND							
$8270S bis(2-Ethylhexyl)phthalate	ND	<660		ND							
$8270S Butylbenzylphthalate	ND	<660		ND							
$8270S Chyrsene	ND	<660		ND							
$8270S Delta-BHC	ND	<660		ND							
$8270S Di-n-butylphthalate	ND	<660		ND							
$8270S Di-n-octylphthalate	ND	<660		ND							
$8270S Dibenz(a,j)acridine	ND	<660		ND							
$8270S Dibenz[a,h]anthracene	ND	<660		ND							
$8270S Dibenzofuran	ND	<660		ND							
$8270S Dieldrin	ND	<660		ND							
$8270S Diethylphthalate	ND	<660		ND							
$8270S Dimethylphthalate	ND	<660		ND							

QA/QC BATCH REPORT

Analysis/Analyte	Result ug/kg (dw)	Method Blank ug/kg (dw)	Amount Spiked ug/kg (dw)	MS Result ug/kg (dw)	MS Dup Result ug/kg (dw)	MS Dup Precision RPD	MS Recovery %	LCS Result ug/kg	LCS Dup Result ug/kg	LCS Dup Precision RPD	LCS Recovery %
$8270S Diphenylamine	ND	<660		ND							
$8270S Endosulfan 1	ND	<3300		ND							
$8270S Endosulfan 2	ND	<3300		ND							
$8270S Endosulfan Sulfate	ND	<1650		ND							
$8270S Endrin	ND	<1320		ND							
$8270S Endrin Aldehyde	ND	<660		ND							
$8270S Ethylmethanesulfonate	ND	<660		ND							
$8270S Fluoranthene	ND	<660		ND							
$8270S Fluorene	ND	<660		ND							
$8270S Gamma-BHC	ND	<660		ND							
$8270S Heptachlor	ND	<660		ND							
$8270S Heptachlor Epoxide	ND	<1650		ND							
$8270S Hexachlorobenzene	ND	<660		ND							
$8270S Hexachlorobutadiene	ND	<660		ND							
$8270S Hexachlorocyclopentadiene	ND	<660		ND							
$8270S Hexachloroethane	ND	<660		ND							
$8270S Hexadecanoic acid	2100 TIE										
$8270S Indeno[1,2,3-cd]pyrene	ND	<660		ND							
$8270S Isophorone	ND	<660		ND							
$8270S Methylmethanesulfonate	ND	<660		ND							
$8270S n-Nitroso-di-n-butylamine	ND	<660		ND							
$8270S n-Nitroso-di-n-propylamine	ND	<660	100	U*67.7	63.8	5.93	U*67.7	74	75	1.34	74.0
$8270S n-Nitrosodimethylamine	ND	<660		ND							
$8270S n-Nitrosodiphenylamine	ND	<660		ND							
$8270S n-Nitrosopiperidine	ND	<660		ND							
$8270S Naphthalene	ND	<660		ND							
$8270S Nitrobenzene	ND	<660		ND							
$8270S Nitrobenzene-d5(Surrogate QC Std.)	80	64	100	64.5	69.0			74	79	6.54	74.0
$8270S p,p'-DDD	ND	<660		ND							
$8270S p,p'-DDE	ND	<660		ND							
$8270S p,p'-DDT	ND	<660		ND							
$8270S p-Dimethylaminoazobenzene	ND	<660		ND							
$8270S Pentachlorobenzene	ND	<660		ND							
$8270S Pentachloronitrobenzene	ND	<660		ND							
$8270S Pentachlorophenol	ND	<3300	150	U*110	U*109	0.913	U*73.3	73	69	5.63	48.7
$8270S Phenacetin	ND	<660		ND							
$8270S Phenanthrene	ND	<660		ND							
$8270S Phenol	ND	<660	150	93.6	92.3	1.40	62.4	87	93	6.67	58.0
$8270S Phenol-d5(Surrogate QC Std.)	U*76	60	100	66.8	71.0			65	69	5.97	65.0
$8270S Pronamide	ND	<660		ND							

QA/QC BATCH REPORT

Analysis/Analyte	Result ug/kg (dw)	Method Blank ug/kg (dw)	Amount Spiked ug/kg (dw)	MS Result ug/kg (dw)	MS Dup Result ug/kg (dw)	MS Dup Precision RPD	MS Recovery %	LCS Result ug/kg	LCS Dup Result ug/kg	LCS Dup Precision RPD	LCS Recovery %
$8270S Pyrene	ND	<660	100	73.4	89.7	20.0	73.4	66	U*97	38.0	66.0
$8270S Pyridine	ND	<660		ND							
$8270S Terphenyl-d14(Surrogate QC Std.)	U*99	65	100	77.2	92.7			69	94	30.7	69.0
$8270S Tetratetracontane	3300 TIE										

Comments: $8270S - Sample had 3 surrogates, 2-Fluorophenol (67% recovery, limits 22-63%), Phenol-d5 (76% recovery, limits 18-73%), and Terphenyl-d14 (99% recovery, limits 44-92%) with recoveries outside acceptable control limits due to matrix interferences. LCS results are within acceptable control limits. 7-091900-255

Comments: $R. 8270S - Matrix Spike had five spike compounds, N-Nitroso-di-n-propylamine (68% recovery, limits 20-64%), 1,2,4-Trichlorobenzene (62% recovery, limits 27-57%), 4-Nitrophenol (78% recovery, limits 7-77%), 2,4-Dinitrotoluene (79% recovery, limits 12-78%), and Pentachlorophenol (73% recovery, limits 7-70%) with recoveries outside acceptable control limits due to matrix interferences. LCS results were within acceptable control limits. 7-091900-255

Chain of Custody Record

Georgia Department Of Natural Resources
Environmental Protection Division Laboratories
455 14th Street NW
Atlanta, GA 30318

Matrix Type Definition S Soil or Semi Solid
W Water (Aqueous), A Air, NA Non Aqueous Liq (Oil, Solvent, Etc)

Facility	Location	Analysis Requested
Vienna Street Dump	Fort Valley	
Sampler Name / Address: James Sliwinski, 205 Butler Street, Atlanta GA	Phone: (404) 656-2833	
	FAX	

Sample Date	Sample Time	Sample Identification (Include unique sample identifier such as sample log numbers)	Matrix Type S	W	A	NA	Number of Containers Submitted
8/29/00	10:45	soil boring, SB-2, #9, HWMB# 8410	X				4
8/29/00	12:35	surface soil sample, SS-2, #2, HWMB# 8403	X				4
8/29/00	1:05	surface soil sample, SS-3, #3, HWMB# 8404	X				4

Relinquished By(Signature)	Date	Time	Relinquished by(Signature)	Date	Time	Relinquished by(Signature)	Date	Time
James D. Sliwinski	8/29/00	1:42	[illegible]	8/29	142			
Received By (Signature)	**Date**	**Time**	**Received By (Signature)**	**Date**	**Time**	**Received By (Signature)**	**Date**	**Time**

Laboratory Use Only

Received For Laboratory By (Signature)	Date	Time	Custody Intact	Custody Seal No	Laboratory Remarks
Gwen Harford Lucky	8-29-00	16:20	☑ Yes ☐ No	—	NA

Georgia Department Of Natural Resources

Environmental Protection Division Laboratories
455 14th Street NW
Atlanta, GA 30318

Matrix Type Definition S Soil or Semi Solid
W Water (Aqueous), A Air, NA Non Aqueous Liq (Oil, Solvent, Etc.)

Facility	Location	Analysis Requested
Vienna Street Dump	Fort Valley	
Sampler Name: James Sliwinski Address: 205 Butler Street Floyd Tower East, 1154 Atlanta GA	Phone: (404) 656-2833 FAX	

Sample Date	Sample Time	Sample Identification (Include unique sample identifier such as sample log numbers)	Matrix Type S	W	A	NA	Number of Containers Submitted
8/30/00	9:40	Sample 1, HWMB # 8402, soil at playground, 0~1' deep	X				
8/30/00	10:10	Sample 4, HWMB # 8405, subsurface soil at playground, 4~6' deep	X				
8/30/00	12:12	Sample 5, HWMB # 8406, soil at the path in park	X				
8/29/00	4:50	Sample 6, HWMB # 8407, soil at cut-through path	X				
8/30/00	1:05	Sample 8, HWMB # 8409, background soil	X				
8/29/00	3:30	Sample 11, HWMB # 8412, subsurface soil at northeast edge 4~8'	X				
8/30/00	8:15	Sample 13, HWMB # 8414, subsurface soil at middle portion 4~8'	X				

Relinquished By (Signature)	Date	Time	Relinquished by (Signature)	Date	Time	Relinquished by (Signature)	Date	Time
James D. Sliwinski	8/30/00	4:20						

Received By (Signature)	Date	Time	Received By (Signature)	Date	Time	Received By (Signature)	Date	Time

Laboratory Use Only

Received For Laboratory By (Signature)	Date	Time	Custody Intact	Custody Seal No	Laboratory Remarks
M. Walk	8/30/00	17:27	☑ Yes ☐ No	N/A	

Chain of Custody Record

Georgia Department Of Natural Resources
Environmental Protection Division Laboratories
455 14th Street NW
Atlanta, GA 30318

Matrix Type Definition S Soil or Semi Solid
W Water (Aqueous), A Air, NA Non Aqueous Liq (Oil, Solvent, Etc)

Facility: Vienna Street Dump	Location: Fort Valley	Analysis Requested
Sampler Name / Address: James Sliwinski, 205 Butler Street, Floyd Tower East, Atlanta GA	Phone: (404) 656 - 2833	
	FAX:	

Sample Date	Sample Time	Sample Identification (Include unique sample identifier such as sample log numbers)	Matrix Type S	W	A	NA	Number of Containers Submitted
8/30/00	10:45	Sample 15, HWMB # 8416, soil sample at the eastern portion	X				
8/30/00	9:00	Sample 17, HWMB # 8418, subsurface soil at sample location 13 4-8 Duplicate	X				
8/30/00		Sample 20, HWMB # 8421, trip blank					

Relinquished By(Signature)	Date	Time	Relinquished by(Signature)	Date	Time	Relinquished by(Signature)	Date	Time
James D. Sliwinski	8/30/00	4:20						
Received By (Signature)	**Date**	**Time**	**Received By (Signature)**	**Date**	**Time**	**Received By (Signature)**	**Date**	**Time**

Laboratory Use Only

Received For Laboratory By (Signature)	Date	Time	Custody Intact	Custody Seal No	Laboratory Remarks
N. Walk	8/30/00	17:07	☑ Yes ☐ No	N/a	

Chain of Custody Record

Georgia Department Of Natural Resources
Environmental Protection Division Laboratories
455 14th Street NW
Atlanta, GA 30318

Matrix Type Definition S Soil or Semi Solid
W Water (Aqueous), A Air, NA Non Aqueous Liq (Oil, Solvent, Etc)

Facility	Location	Analysis Requested
Vienna Street Dump	Fort Valley	
Sampler Name / Address: James Sliwinski, 205 Butler Street, Atlanta GA	Phone: (404) 656-2833	
	FAX	

Sample Date	Sample Time	Sample Identification (Include unique sample identifier such as sample log numbers)	Matrix Type S	W	A	NA	Number of Containers Submitted
8/29/00	10:45	soil boring, SB-2, #9, HWMB* 8410	X				4
8/29/00	12:35	surface soil sample, SS-2, #2, HWMB* 8403	X				4
8/29/00	1:05	surface soil sample, SS-3, #3, HWMB* 8404	X				4

Relinquished By (Signature)	Date	Time	Relinquished by (Signature)	Date	Time	Relinquished by (Signature)	Date	Time
James D. Sliwinski	8/29/00	1:42	[illegible]	8/29	142			

Received By (Signature)	Date	Time	Received By (Signature)	Date	Time	Received By (Signature)	Date	Time

Laboratory Use Only

Received For Laboratory By (Signature)	Date	Time	Custody Intact	Custody Seal No	Laboratory Remarks
[illegible]	8-29-00	16:20	☑ Yes ☐ No	—	NA

Georgia Department Of Natural Resources

Environmental Protection Division Laboratories
455 14th Street NW
Atlanta, GA 30318

Matrix Type Definition S Soil or Semi Solid
W Water (Aqueous), A Air, NA Non Aqueous Liq (Oil, Solvent, Etc.)

Facility	Location	Analysis Requested
Vienna Street Dump	Fort. Valley	
Sampler Name: James Sliwinski Address: 205 Butler Street, Floyd Tower East, 1154, Atlanta GA	Phone: (404) 656-2833 FAX:	

Sample Date	Sample Time	Sample Identification (Include unique sample identifier such as sample log numbers)	Matrix Type S	W	A	NA	Number of Containers Submitted
30/00	9:40	Sample 1, HWMB # 8402, soil at playground, 0~1' deep	X				
30/00	10:10	Sample 4, HWMB # 8405, subsurface soil at playground, 4~6 deep	X				
30/00	12:12	Sample 5, HWMB # 8406, soil at the path in park	X				
29/00	4:50	Sample 6, HWMB # 8407, soil at cut-through path	X				
30/00	1:05	Sample 8, HWMB # 8409, background soil	X				
29/00	3:30	Sample 11, HWMB # 8412, subsurface soil at northeast edge 4~8'	X				
30/00	8:15	Sample 13, HWMB # 8414, subsurface soil at middle portion 4~8'	X				

Relinquished By (Signature)	Date	Time	Relinquished by (Signature)	Date	Time	Relinquished by (Signature)	Date	Time
James D. Sliwinski	8/30/00	4:20						

Received By (Signature)	Date	Time	Received By (Signature)	Date	Time	Received By (Signature)	Date	Time

Laboratory Use Only

Received For Laboratory By (Signature)	Date	Time	Custody Intact	Custody Seal No	Laboratory Remarks
M. Walk	8/30/00	17:27	☑ Yes ☐ No	N/A	

Analysis Request and Chain of Custody Record

Georgia Department Of Natural Resources
Environmental Protection Division Laboratories
455 14th Street NW
Atlanta, GA 30318

Matrix Type Definition S Soil or Semi Solid
W Water (Aqueous), A Air, NA Non Aqueous Liq (Oil, Solvent, Etc.)

Facility: Vienna Street Dump	Location: Fort Valley
Sampler Name: James Sliwinski Address: 205 Butler Street, Floyd Tower East, Atlanta GA	Phone: (404) 656 - 2833 FAX:

Analysis Requested

Sample Date	Sample Time	Sample Identification (Include unique sample identifier such as sample log numbers)	Matrix Type S	W	A	NA	Number of Containers Submitted						
30/00	10:45	Sample 15, HWMB # 8416, soil sample at the eastern portion	X										
30/00	9:00	Sample 17, HWMB # 8418, subsurface soil at sample location 13 (4-8 bgs)	X										
30/00		Sample 20, HWMB # 8421, trip blank											

Relinquished By (Signature)	Date	Time	Relinquished by (Signature)	Date	Time	Relinquished by (Signature)	Date	Time
James D. Sliwinski	8/30/00	4:20						

Received By (Signature)	Date	Time	Received By (Signature)	Date	Time	Received By (Signature)	Date	Time

Laboratory Use Only

Received For Laboratory By (Signature)	Date	Time	Custody Intact	Custody Seal No	Laboratory Remarks
W. Webb	8/30/00	17:07	☑ Yes ☐ No	N/a	

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4

Science and Ecosystem Support Division
980 College Station Road
Athens, Georgia 30605-2720

MEMORANDUM

Date: 05/16/2001

Subject: Results of VOLATILES Sample Analysis
01-0444 Vienna Street Dump
Fort Valley, GA

From: Allen, Frank

To: Striggow.Brian

Thru: Cosgrove, Bill
Chief,Organic Chemistry Section
Analytical Support Branch

Attached are the results of analysis of samples collected as part of the subject project. If you have any questions, please contact me.

ATTACHMENT

Sample 5377 FY 2001 Project: 01-0444

VOLATILES SCAN

Facility: Vienna Street Dump Fort Valley, GA
Program: SF
Id/Station: BKGD /
Media: GROUNDWATER

Produced by: Allen, Frank
Requestor:
Project Leader: BSTRIGGO
Beginning: 04/25/2001 10:38
Ending:

RESULTS	UNITS	ANALYTE
1.0U	UG/L	DICHLORODIFLUOROMETHANE
1.0U	UG/L	CHLOROMETHANE
1.0U	UG/L	BROMOMETHANE
1.0U	UG/L	VINYL CHLORIDE
1.0U	UG/L	CHLOROETHANE
0.66J	UG/L	TRICHLOROFLUOROMETHANE
1.0U	UG/L	1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)
1.0U	UG/L	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)
5.0U	UG/L	METHYLENE CHLORIDE
1.0U	UG/L	METHYL T-BUTYL ETHER (MTBE)
25.U	UG/L	ACETONE
2.5U	UG/L	CARBON DISULFIDE
1.0U	UG/L	METHYL ACETATE
1.0U	UG/L	1,1-DICHLOROETHANE
1.0U	UG/L	CIS-1,2-DICHLOROETHENE
1.0U	UG/L	2,2-DICHLOROPROPANE
25.U	UG/L	METHYL ETHYL KETONE
1.0U	UG/L	BROMOCHLOROMETHANE
1.0U	UG/L	TRANS-1,2-DICHLOROETHENE
1.0U	UG/L	CHLOROFORM
1.0U	UG/L	1,2-DICHLOROETHANE
1.0U	UG/L	1,1,1-TRICHLOROETHANE
1.0U	UG/L	CYCLOHEXANE
1.0U	UG/L	1,1-DICHLOROPROPENE
1.0U	UG/L	CARBON TETRACHLORIDE
1.0U	UG/L	BROMODICHLOROMETHANE
2.5U	UG/L	METHYL ISOBUTYL KETONE
1.0U	UG/L	1,2-DICHLOROPROPANE
1.0U	UG/L	METHYLCYCLOHEXANE
1.0U	UG/L	DIBROMOMETHANE
1.0U	UG/L	TRANS-1,3-DICHLOROPROPENE
1.0U	UG/L	TRICHLOROETHENE (TRICHLOROETHYLENE)
1.0U	UG/L	BENZENE
1.0U	UG/L	DIBROMOCHLOROMETHANE
1.0U	UG/L	1,1,2-TRICHLOROETHANE
1.0U	UG/L	CIS-1,3-DICHLOROPROPENE
1.0U	UG/L	BROMOFORM
1.0U	UG/L	BROMOBENZENE
1.0U	UG/L	1,1,2,2-TETRACHLOROETHANE
1.0U	UG/L	TETRACHLOROETHENE (TETRACHLOROETHYLENE)
1.0U	UG/L	1,3-DICHLOROPROPANE
2.5U	UG/L	METHYL BUTYL KETONE
1.0U	UG/L	TOLUENE
1.0U	UG/L	CHLOROBENZENE
1.0U	UG/L	1,1,1,2-TETRACHLOROETHANE
1.0U	UG/L	ETHYL BENZENE
1.0U	UG/L	(M- AND/OR P-)XYLENE
1.0U	UG/L	O-XYLENE
1.0U	UG/L	STYRENE
1.0U	UG/L	1,2,3-TRICHLOROPROPANE
1.0U	UG/L	O-CHLOROTOLUENE
1.0U	UG/L	P-CHLOROTOLUENE
1.0U	UG/L	1,3-DICHLOROBENZENE
1.0U	UG/L	1,4-DICHLOROBENZENE
1.0U	UG/L	1,2-DICHLOROBENZENE
1.0U	UG/L	1,2-DIBROMOETHANE (EDB)
1.0U	UG/L	ISOPROPYLBENZENE
1.0U	UG/L	N-PROPYLBENZENE
1.0U	UG/L	1,3,5-TRIMETHYLBENZENE
1.0U	UG/L	TERT-BUTYLBENZENE
1.0U	UG/L	1,2,4-TRIMETHYLBENZENE
1.0U	UG/L	SEC-BUTYLBENZENE
1.0U	UG/L	P-ISOPROPYLTOLUENE
1.0U	UG/L	N-BUTYLBENZENE
5.0U	UG/L	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)
1.0U	UG/L	1,2,4-TRICHLOROBENZENE
1.0U	UG/L	HEXACHLORO-1,3-BUTADIENE
1.0U	UG/L	1,2,3-TRICHLOROBENZENE

\-average value. NA-not analyzed. NAI-interferences. J-estimated value. N-presumptive evidence of presence of material.
:-actual value is known to be less than value given. L-actual value is known to be greater than value given. U-material was analyzed for but not detected. the number is the minimum quantitation limit.
t-qc indicates that data unusable. compound may or may not be present. resampling and reanalysis is necessary for verification.

Sample 5378 FY 2001 Project: 01-0444

VOLATILES SCAN

Facility: Vienna Street Dump Fort Valley, GA

Program: SF

Id/Station: CNTL /

Media: GROUNDWATER

Produced by: Allen, Frank

Requestor:

Project Leader: BSTRIGGO

Beginning: 04/25/2001 13:10

Ending:

RESULTS	UNITS	ANALYTE
1.0U	UG/L	DICHLORODIFLUOROMETHANE
1.0U	UG/L	CHLOROMETHANE
1.0U	UG/L	BROMOMETHANE
1.0U	UG/L	VINYL CHLORIDE
1.0U	UG/L	CHLOROETHANE
1.0U	UG/L	TRICHLOROFLUOROMETHANE
1.0U	UG/L	1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)
1.0U	UG/L	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)
5.0U	UG/L	METHYLENE CHLORIDE
1.0U	UG/L	METHYL T-BUTYL ETHER (MTBE)
25.U	UG/L	ACETONE
2.5U	UG/L	CARBON DISULFIDE
1.0U	UG/L	METHYL ACETATE
1.0U	UG/L	1,1-DICHLOROETHANE
1.0U	UG/L	CIS-1,2-DICHLOROETHENE
1.0U	UG/L	2,2-DICHLOROPROPANE
25.U	UG/L	METHYL ETHYL KETONE
1.0U	UG/L	BROMOCHLOROMETHANE
1.0U	UG/L	TRANS-1,2-DICHLOROETHENE
1.0U	UG/L	CHLOROFORM
1.0U	UG/L	1,2-DICHLOROETHANE
1.0U	UG/L	1,1,1-TRICHLOROETHANE
1.0U	UG/L	CYCLOHEXANE
1.0U	UG/L	1,1-DICHLOROPROPENE
1.0U	UG/L	CARBON TETRACHLORIDE
1.0U	UG/L	BROMODICHLOROMETHANE
2.5U	UG/L	METHYL ISOBUTYL KETONE
1.0U	UG/L	1,2-DICHLOROPROPANE
1.0U	UG/L	METHYLCYCLOHEXANE
1.0U	UG/L	DIBROMOMETHANE
1.0U	UG/L	TRANS-1,3-DICHLOROPROPENE
1.0U	UG/L	TRICHLOROETHENE (TRICHLOROETHYLENE)
1.0U	UG/L	BENZENE
1.0U	UG/L	DIBROMOCHLOROMETHANE
1.0U	UG/L	1,1,2-TRICHLOROETHANE
1.0U	UG/L	CIS-1,3-DICHLOROPROPENE
1.0U	UG/L	BROMOFORM
1.0U	UG/L	BROMOBENZENE
1.0U	UG/L	1,1,2,2-TETRACHLOROETHANE
1.0U	UG/L	TETRACHLOROETHENE (TETRACHLOROETHYLENE)
1.0U	UG/L	1,3-DICHLOROPROPANE
2.5U	UG/L	METHYL BUTYL KETONE
1.0U	UG/L	TOLUENE
1.0U	UG/L	CHLOROBENZENE
1.0U	UG/L	1,1,1,2-TETRACHLOROETHANE
1.0U	UG/L	ETHYL BENZENE
1.0U	UG/L	(M- AND/OR P-)XYLENE
1.0U	UG/L	O-XYLENE
1.0U	UG/L	STYRENE
1.0U	UG/L	1,2,3-TRICHLOROPROPANE
1.0U	UG/L	O-CHLOROTOLUENE
1.0U	UG/L	P-CHLOROTOLUENE
1.0U	UG/L	1,3-DICHLOROBENZENE
1.0U	UG/L	1,4-DICHLOROBENZENE
1.0U	UG/L	1,2-DICHLOROBENZENE
1.0U	UG/L	1,2-DIBROMOETHANE (EDB)
1.0U	UG/L	ISOPROPYLBENZENE
1.0U	UG/L	N-PROPYLBENZENE
1.0U	UG/L	1,3,5-TRIMETHYLBENZENE
1.0U	UG/L	TERT-BUTYLBENZENE
1.0U	UG/L	1,2,4-TRIMETHYLBENZENE
1.0U	UG/L	SEC-BUTYLBENZENE
1.0U	UG/L	P-ISOPROPYLTOLUENE
1.0U	UG/L	N-BUTYLBENZENE
5.0U	UG/L	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)
1.0U	UG/L	1,2,4-TRICHLOROBENZENE
1.0U	UG/L	HEXACHLORO-1,3-BUTADIENE
1.0U	UG/L	1,2,3-TRICHLOROBENZENE

\-average value. NA-not analyzed. NAI-interferences. J-estimated value. N-presumptive evidence of presence of material.
(-actual value is known to be less than value given. L-actual value is known to be greater than value given. U-material was analyzed for but not detected. the number is the minimum quantitation limit.
R-qc indicates that data unusable. compound may or may not be present. resampling and reanalysis is necessary for verification.

Sample 5379 FY 2001 Project: 01-0444

VOLATILES SCAN

Facility: Vienna Street Dump Fort Valley, GA

Program: SF

Id/Station: TW1 /

Media: GROUNDWATER

Produced by: Allen, Frank

Requestor:

Project Leader: BSTRIGGO

Beginning: 04/25/2001 15:30

Ending:

RESULTS	UNITS	ANALYTE
1.0U	UG/L	DICHLORODIFLUOROMETHANE
1.0U	UG/L	CHLOROMETHANE
1.0U	UG/L	BROMOMETHANE
1.0U	UG/L	VINYL CHLORIDE
1.0U	UG/L	CHLOROETHANE
1.0U	UG/L	TRICHLOROFLUOROMETHANE
1.0U	UG/L	1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)
1.0U	UG/L	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)
5.0U	UG/L	METHYLENE CHLORIDE
1.0U	UG/L	METHYL T-BUTYL ETHER (MTBE)
25.U	UG/L	ACETONE
2.5U	UG/L	CARBON DISULFIDE
1.0U	UG/L	METHYL ACETATE
1.0U	UG/L	1,1-DICHLOROETHANE
0.60J	UG/L	CIS-1,2-DICHLOROETHENE
1.0U	UG/L	2,2-DICHLOROPROPANE
25.U	UG/L	METHYL ETHYL KETONE
1.0U	UG/L	BROMOCHLOROMETHANE
1.0U	UG/L	TRANS-1,2-DICHLOROETHENE
1.0U	UG/L	CHLOROFORM
1.0U	UG/L	1,2-DICHLOROETHANE
1.0U	UG/L	1,1,1-TRICHLOROETHANE
1.0U	UG/L	CYCLOHEXANE
1.0U	UG/L	1,1-DICHLOROPROPENE
1.0U	UG/L	CARBON TETRACHLORIDE
1.0U	UG/L	BROMODICHLOROMETHANE
2.5U	UG/L	METHYL ISOBUTYL KETONE
0.89J	UG/L	1,2-DICHLOROPROPANE
1.0U	UG/L	METHYLCYCLOHEXANE
1.0U	UG/L	DIBROMOMETHANE
1.0U	UG/L	TRANS-1,3-DICHLOROPROPENE
1.0U	UG/L	TRICHLOROETHENE (TRICHLOROETHYLENE)
1.0U	UG/L	BENZENE
1.0U	UG/L	DIBROMOCHLOROMETHANE
1.0U	UG/L	1,1,2-TRICHLOROETHANE

RESULTS	UNITS	ANALYTE
1.0U	UG/L	CIS-1,3-DICHLOROPROPENE
1.0U	UG/L	BROMOFORM
1.0U	UG/L	BROMOBENZENE
1.0U	UG/L	1,1,2,2-TETRACHLOROETHANE
1.0U	UG/L	TETRACHLOROETHENE (TETRACHLOROETHYLENE)
1.0U	UG/L	1,3-DICHLOROPROPANE
2.5U	UG/L	METHYL BUTYL KETONE
1.0U	UG/L	TOLUENE
1.0U	UG/L	CHLOROBENZENE
1.0U	UG/L	1,1,1,2-TETRACHLOROETHANE
1.0U	UG/L	ETHYL BENZENE
1.0U	UG/L	(M- AND/OR P-)XYLENE
1.0U	UG/L	O-XYLENE
1.0U	UG/L	STYRENE
1.0U	UG/L	1,2,3-TRICHLOROPROPANE
1.0U	UG/L	O-CHLOROTOLUENE
1.0U	UG/L	P-CHLOROTOLUENE
1.0U	UG/L	1,3-DICHLOROBENZENE
0.71J	UG/L	1,4-DICHLOROBENZENE
1.0U	UG/L	1,2-DICHLOROBENZENE
1.0U	UG/L	1,2-DIBROMOETHANE (EDB)
1.0U	UG/L	ISOPROPYLBENZENE
1.0U	UG/L	N-PROPYLBENZENE
1.0U	UG/L	1,3,5-TRIMETHYLBENZENE
1.0U	UG/L	TERT-BUTYLBENZENE
1.0U	UG/L	1,2,4-TRIMETHYLBENZENE
1.0U	UG/L	SEC-BUTYLBENZENE
1.0U	UG/L	P-ISOPROPYLTOLUENE
1.0U	UG/L	N-BUTYLBENZENE
5.0U	UG/L	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)
1.0U	UG/L	1,2,4-TRICHLOROBENZENE
1.0U	UG/L	HEXACHLORO-1,3-BUTADIENE
1.0U	UG/L	1,2,3-TRICHLOROBENZENE

-average value. NA-not analyzed. NAI-interferences. J-estimated value. N-presumptive evidence of presence of material.
-actual value is known to be less than value given. L-actual value is known to be greater than value given. U-material was analyzed for but not detected. the number is the minimum quantitation limit.
-qc indicates that data unusable. compound may or may not be present. resampling and reanalysis is necessary for verification.

Sample 5380 FY 2001 Project: 01-0444

VOLATILES SCAN

Facility: Vienna Street Dump Fort Valley, GA

Program: SF

Id/Station: TW3 /

Media: GROUNDWATER

Produced by: Allen, Frank

Requestor:

Project Leader: BSTRIGGO

Beginning: 04/25/2001 17:45

Ending:

RESULTS	UNITS	ANALYTE
1.0U	UG/L	DICHLORODIFLUOROMETHANE
1.0U	UG/L	CHLOROMETHANE
1.0U	UG/L	BROMOMETHANE
1.0U	UG/L	VINYL CHLORIDE
1.0U	UG/L	CHLOROETHANE
1.0U	UG/L	TRICHLOROFLUOROMETHANE
1.0U	UG/L	1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)
1.0U	UG/L	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)
5.0U	UG/L	METHYLENE CHLORIDE
1.0U	UG/L	METHYL T-BUTYL ETHER (MTBE)
25.U	UG/L	ACETONE
2.5U	UG/L	CARBON DISULFIDE
1.0U	UG/L	METHYL ACETATE
1.0U	UG/L	1,1-DICHLOROETHANE
1.0U	UG/L	CIS-1,2-DICHLOROETHENE
1.0U	UG/L	2,2-DICHLOROPROPANE
25.U	UG/L	METHYL ETHYL KETONE
1.0U	UG/L	BROMOCHLOROMETHANE
1.0U	UG/L	TRANS-1,2-DICHLOROETHENE
1.0U	UG/L	CHLOROFORM
1.0U	UG/L	1,2-DICHLOROETHANE
1.0U	UG/L	1,1,1-TRICHLOROETHANE
1.0U	UG/L	CYCLOHEXANE
1.0U	UG/L	1,1-DICHLOROPROPENE
1.0U	UG/L	CARBON TETRACHLORIDE
1.0U	UG/L	BROMODICHLOROMETHANE
2.5U	UG/L	METHYL ISOBUTYL KETONE
8.6A	UG/L	1,2-DICHLOROPROPANE
1.0U	UG/L	METHYLCYCLOHEXANE
1.0U	UG/L	DIBROMOMETHANE
1.0U	UG/L	TRANS-1,3-DICHLOROPROPENE
1.0U	UG/L	TRICHLOROETHENE (TRICHLOROETHYLENE)
1.0U	UG/L	BENZENE
1.0U	UG/L	DIBROMOCHLOROMETHANE
1.0U	UG/L	1,1,2-TRICHLOROETHANE
1.0U	UG/L	CIS-1,3-DICHLOROPROPENE
1.0U	UG/L	BROMOFORM
1.0U	UG/L	BROMOBENZENE
1.0U	UG/L	1,1,2,2-TETRACHLOROETHANE
1.0U	UG/L	TETRACHLOROETHENE (TETRACHLOROETHYLENE)
1.0U	UG/L	1,3-DICHLOROPROPANE
2.5U	UG/L	METHYL BUTYL KETONE
1.0U	UG/L	TOLUENE
1.0U	UG/L	CHLOROBENZENE
1.0U	UG/L	1,1,1,2-TETRACHLOROETHANE
1.0U	UG/L	ETHYL BENZENE
1.0U	UG/L	(M- AND/OR P-)XYLENE
1.0U	UG/L	O-XYLENE
1.0U	UG/L	STYRENE
1.0U	UG/L	1,2,3-TRICHLOROPROPANE
1.0U	UG/L	O-CHLOROTOLUENE
1.0U	UG/L	P-CHLOROTOLUENE
1.0U	UG/L	1,3-DICHLOROBENZENE
1.0U	UG/L	1,4-DICHLOROBENZENE
1.0U	UG/L	1,2-DICHLOROBENZENE
1.0U	UG/L	1,2-DIBROMOETHANE (EDB)
1.0U	UG/L	ISOPROPYLBENZENE
1.0U	UG/L	N-PROPYLBENZENE
1.0U	UG/L	1,3,5-TRIMETHYLBENZENE
1.0U	UG/L	TERT-BUTYLBENZENE
1.0U	UG/L	1,2,4-TRIMETHYLBENZENE
1.0U	UG/L	SEC-BUTYLBENZENE
1.0U	UG/L	P-ISOPROPYLTOLUENE
1.0U	UG/L	N-BUTYLBENZENE
5.0U	UG/L	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)
1.0U	UG/L	1,2,4-TRICHLOROBENZENE
1.0U	UG/L	HEXACHLORO-1,3-BUTADIENE
1.0U	UG/L	1,2,3-TRICHLOROBENZENE

-average value. NA-not analyzed. NAI-interferences. J-estimated value. N-presumptive evidence of presence of material.
-actual value is known to be less than value given. L-actual value is known to be greater than value given. U-material was analyzed for but not detected. the number is the minimum quantitation limit.
-qc indicates that data unusable. compound may or may not be present. resampling and reanalysis is necessary for verification.

Sample 5383 FY 2001 Project: 01-0444

VOLATILES SCAN

Facility: Vienna Street Dump Fort Valley, GA

Program: SF

Id/Station: CNTLCUT /

Media: SUBSURFACE SOIL (> 12")

Produced by: Allen, Frank

Requestor:

Project Leader: BSTRIGGO

Beginning: 04/26/2001 15:15

Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
1.0U	UG/KG	DICHLORODIFLUOROMETHANE
1.0U	UG/KG	CHLOROMETHANE
1.0U	UG/KG	BROMOMETHANE
1.0U	UG/KG	VINYL CHLORIDE
1.0U	UG/KG	CHLOROETHANE
1.0U	UG/KG	TRICHLOROFLUOROMETHANE
1.0U	UG/KG	1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)
1.0U	UG/KG	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)
1.0U	UG/KG	METHYLENE CHLORIDE
1.0U	UG/KG	METHYL T-BUTYL ETHER (MTBE)
13U	UG/KG	ACETONE
1.0U	UG/KG	CARBON DISULFIDE
1.0U	UG/KG	METHYL ACETATE
1.0U	UG/KG	1,1-DICHLOROETHANE
1.0U	UG/KG	CIS-1,2-DICHLOROETHENE
1.0UJ	UG/KG	2,2-DICHLOROPROPANE
2.6U	UG/KG	METHYL ETHYL KETONE
1.0U	UG/KG	BROMOCHLOROMETHANE
1.0U	UG/KG	TRANS-1,2-DICHLOROETHENE
5.2U	UG/KG	CHLOROFORM
1.0U	UG/KG	1,2-DICHLOROETHANE
1.0U	UG/KG	1,1,1-TRICHLOROETHANE
1.0U	UG/KG	CYCLOHEXANE
1.0U	UG/KG	1,1-DICHLOROPROPENE
1.0U	UG/KG	CARBON TETRACHLORIDE
5.2U	UG/KG	BROMODICHLOROMETHANE
2.6U	UG/KG	METHYL ISOBUTYL KETONE
1.0U	UG/KG	1,2-DICHLOROPROPANE
1.0U	UG/KG	METHYLCYCLOHEXANE
1.0U	UG/KG	DIBROMOMETHANE
1.0U	UG/KG	TRANS-1,3-DICHLOROPROPENE
1.0U	UG/KG	TRICHLOROETHENE (TRICHLOROETHYLENE)
1.0U	UG/KG	BENZENE
1.0U	UG/KG	DIBROMOCHLOROMETHANE
1.0U	UG/KG	1,1,2-TRICHLOROETHANE
1.0U	UG/KG	CIS-1,3-DICHLOROPROPENE
1.0U	UG/KG	BROMOFORM
1.0U	UG/KG	BROMOBENZENE
1.0UJ	UG/KG	1,1,2,2-TETRACHLOROETHANE
1.0U	UG/KG	TETRACHLOROETHENE (TETRACHLOROETHYLENE)
1.0U	UG/KG	1,3-DICHLOROPROPANE
2.6U	UG/KG	METHYL BUTYL KETONE
1.0U	UG/KG	TOLUENE
1.0U	UG/KG	CHLOROBENZENE
1.0U	UG/KG	1,1,1,2-TETRACHLOROETHANE
1.0U	UG/KG	ETHYL BENZENE
2.1U	UG/KG	(M- AND/OR P-)XYLENE
1.0U	UG/KG	O-XYLENE
1.0U	UG/KG	STYRENE
1.0U	UG/KG	1,2,3-TRICHLOROPROPANE
1.0U	UG/KG	O-CHLOROTOLUENE
1.0U	UG/KG	P-CHLOROTOLUENE
1.0U	UG/KG	1,3-DICHLOROBENZENE
1.0U	UG/KG	1,4-DICHLOROBENZENE
1.0U	UG/KG	1,2-DICHLOROBENZENE
1.0U	UG/KG	1,2-DIBROMOETHANE (EDB)
1.0U	UG/KG	ISOPROPYLBENZENE
1.0U	UG/KG	N-PROPYLBENZENE
1.0U	UG/KG	1,3,5-TRIMETHYLBENZENE
1.0U	UG/KG	TERT-BUTYLBENZENE
1.0U	UG/KG	1,2,4-TRIMETHYLBENZENE
1.0U	UG/KG	SEC-BUTYLBENZENE
1.0U	UG/KG	P-ISOPROPYLTOLUENE
1.0U	UG/KG	N-BUTYLBENZENE
1.0U	UG/KG	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)
1.0U	UG/KG	1,2,4-TRICHLOROBENZENE
1.0U	UG/KG	HEXACHLORO-1,3-BUTADIENE
5.2U	UG/KG	1,2,3-TRICHLOROBENZENE
15	%	% MOISTURE

-average value. NA-not analyzed. NAI-interferences. J-estimated value. N-presumptive evidence of presence of material.
-actual value is known to be less than value given. L-actual value is known to be greater than value given. U-material was analyzed for but not detected. the number is the minimum quantitation limit.
-qc indicates that data unusable. compound may or may not be present. resampling and reanalysis is necessary for verification.

Sample 5385 FY 2001 Project: 01-0444

VOLATILES SCAN

Facility: Vienna Street Dump Fort Valley, GA

Program: SF

Id/Station: TW1CUT /

Media: SUBSURFACE SOIL (> 12")

Produced by: Allen, Frank

Requestor:

Project Leader: BSTRIGGO

Beginning: 04/26/2001 15:50

Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
1.4U	UG/KG	DICHLORODIFLUOROMETHANE
1.4U	UG/KG	CHLOROMETHANE
1.4U	UG/KG	BROMOMETHANE
1.4U	UG/KG	VINYL CHLORIDE
1.4U	UG/KG	CHLOROETHANE
1.4U	UG/KG	TRICHLOROFLUOROMETHANE
1.4U	UG/KG	1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)
1.4U	UG/KG	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)
1.4U	UG/KG	METHYLENE CHLORIDE
1.4U	UG/KG	METHYL T-BUTYL ETHER (MTBE)
17U	UG/KG	ACETONE
1.4U	UG/KG	CARBON DISULFIDE
1.4U	UG/KG	METHYL ACETATE
1.4U	UG/KG	1,1-DICHLOROETHANE
1.4U	UG/KG	CIS-1,2-DICHLOROETHENE
1.4UJ	UG/KG	2,2-DICHLOROPROPANE
3.4U	UG/KG	METHYL ETHYL KETONE
1.4U	UG/KG	BROMOCHLOROMETHANE
1.4U	UG/KG	TRANS-1,2-DICHLOROETHENE
6.8U	UG/KG	CHLOROFORM
1.4U	UG/KG	1,2-DICHLOROETHANE
1.4U	UG/KG	1,1,1-TRICHLOROETHANE
1.4U	UG/KG	CYCLOHEXANE
1.4U	UG/KG	1,1-DICHLOROPROPENE
1.4U	UG/KG	CARBON TETRACHLORIDE
6.8U	UG/KG	BROMODICHLOROMETHANE
3.4U	UG/KG	METHYL ISOBUTYL KETONE
1.4U	UG/KG	1,2-DICHLOROPROPANE
1.4U	UG/KG	METHYLCYCLOHEXANE
1.4U	UG/KG	DIBROMOMETHANE
1.4U	UG/KG	TRANS-1,3-DICHLOROPROPENE
1.4U	UG/KG	TRICHLOROETHENE (TRICHLOROETHYLENE)
1.4U	UG/KG	BENZENE
1.4U	UG/KG	DIBROMOCHLOROMETHANE
1.4U	UG/KG	1,1,2-TRICHLOROETHANE
1.4U	UG/KG	CIS-1,3-DICHLOROPROPENE
1.4U	UG/KG	BROMOFORM
1.4U	UG/KG	BROMOBENZENE
1.4UJ	UG/KG	1,1,2,2-TETRACHLOROETHANE
1.4U	UG/KG	TETRACHLOROETHENE (TETRACHLOROETHYLENE)
1.4U	UG/KG	1,3-DICHLOROPROPANE
3.4U	UG/KG	METHYL BUTYL KETONE
1.3J	UG/KG	TOLUENE
1.4U	UG/KG	CHLOROBENZENE
1.4U	UG/KG	1,1,1,2-TETRACHLOROETHANE
1.4U	UG/KG	ETHYL BENZENE
2.7U	UG/KG	(M- AND/OR P-)XYLENE
1.4U	UG/KG	O-XYLENE
1.4U	UG/KG	STYRENE
1.4U	UG/KG	1,2,3-TRICHLOROPROPANE
1.4U	UG/KG	O-CHLOROTOLUENE
1.4U	UG/KG	P-CHLOROTOLUENE
1.4U	UG/KG	1,3-DICHLOROBENZENE
1.4U	UG/KG	1,4-DICHLOROBENZENE
1.4U	UG/KG	1,2-DICHLOROBENZENE
1.4U	UG/KG	1,2-DIBROMOETHANE (EDB)
1.4U	UG/KG	ISOPROPYLBENZENE
1.4U	UG/KG	N-PROPYLBENZENE
1.4U	UG/KG	1,3,5-TRIMETHYLBENZENE
1.4U	UG/KG	TERT-BUTYLBENZENE
1.4U	UG/KG	1,2,4-TRIMETHYLBENZENE
1.4U	UG/KG	SEC-BUTYLBENZENE
1.4U	UG/KG	P-ISOPROPYLTOLUENE
1.4U	UG/KG	N-BUTYLBENZENE
1.4U	UG/KG	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)
1.4U	UG/KG	1,2,4-TRICHLOROBENZENE
1.4U	UG/KG	HEXACHLORO-1,3-BUTADIENE
6.8U	UG/KG	1,2,3-TRICHLOROBENZENE
21	%	% MOISTURE

average value. NA-not analyzed. NAI-interferences. J-estimated value. N-presumptive evidence of presence of material.
actual value is known to be less than value given. L-actual value is known to be greater than value given. U-material was analyzed for but not detected. the number is the minimum quantitation limit.
qc indicates that data unusable. compound may or may not be present. resampling and reanalysis is necessary for verification.

Sample 5384 FY 2001 Project: 01-0444

VOLATILES SCAN

Facility: Vienna Street Dump Fort Valley, GA

Program: SF

Id/Station: TW3CUT /

Media: SUBSURFACE SOIL (> 12")

Produced by: Allen, Frank

Requestor:

Project Leader: BSTRIGGO

Beginning: 04/26/2001 15:30

Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
1.0U	UG/KG	DICHLORODIFLUOROMETHANE
1.0U	UG/KG	CHLOROMETHANE
1.0U	UG/KG	BROMOMETHANE
1.0U	UG/KG	VINYL CHLORIDE
1.0U	UG/KG	CHLOROETHANE
1.0U	UG/KG	TRICHLOROFLUOROMETHANE
1.0U	UG/KG	1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)
1.0U	UG/KG	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)
1.0U	UG/KG	METHYLENE CHLORIDE
1.0U	UG/KG	METHYL T-BUTYL ETHER (MTBE)
13U	UG/KG	ACETONE
1.0U	UG/KG	CARBON DISULFIDE
1.0U	UG/KG	METHYL ACETATE
1.0U	UG/KG	1,1-DICHLOROETHANE
1.0U	UG/KG	CIS-1,2-DICHLOROETHENE
1.0UJ	UG/KG	2,2-DICHLOROPROPANE
2.6U	UG/KG	METHYL ETHYL KETONE
1.0U	UG/KG	BROMOCHLOROMETHANE
1.0U	UG/KG	TRANS-1,2-DICHLOROETHENE
5.2U	UG/KG	CHLOROFORM
1.0U	UG/KG	1,2-DICHLOROETHANE
1.0U	UG/KG	1,1,1-TRICHLOROETHANE
1.0U	UG/KG	CYCLOHEXANE
1.0U	UG/KG	1,1-DICHLOROPROPENE
1.0U	UG/KG	CARBON TETRACHLORIDE
5.2U	UG/KG	BROMODICHLOROMETHANE
2.6U	UG/KG	METHYL ISOBUTYL KETONE
1.0U	UG/KG	1,2-DICHLOROPROPANE
1.0U	UG/KG	METHYLCYCLOHEXANE
1.0U	UG/KG	DIBROMOMETHANE
1.0U	UG/KG	TRANS-1,3-DICHLOROPROPENE
1.0U	UG/KG	TRICHLOROETHENE (TRICHLOROETHYLENE)
1.0U	UG/KG	BENZENE
1.0U	UG/KG	DIBROMOCHLOROMETHANE
1.0U	UG/KG	1,1,2-TRICHLOROETHANE
1.0U	UG/KG	CIS-1,3-DICHLOROPROPENE
1.0U	UG/KG	BROMOFORM
1.0U	UG/KG	BROMOBENZENE
1.0UJ	UG/KG	1,1,2,2-TETRACHLOROETHANE
1.0U	UG/KG	TETRACHLOROETHENE (TETRACHLOROETHYLENE)
1.0U	UG/KG	1,3-DICHLOROPROPANE
2.6U	UG/KG	METHYL BUTYL KETONE
4.1	UG/KG	TOLUENE
1.0U	UG/KG	CHLOROBENZENE
1.0U	UG/KG	1,1,1,2-TETRACHLOROETHANE
1.0U	UG/KG	ETHYL BENZENE
2.1U	UG/KG	(M- AND/OR P-)XYLENE
1.0U	UG/KG	O-XYLENE
1.0U	UG/KG	STYRENE
1.0U	UG/KG	1,2,3-TRICHLOROPROPANE
1.0U	UG/KG	O-CHLOROTOLUENE
1.0U	UG/KG	P-CHLOROTOLUENE
1.0U	UG/KG	1,3-DICHLOROBENZENE
1.0U	UG/KG	1,4-DICHLOROBENZENE
1.0U	UG/KG	1,2-DICHLOROBENZENE
1.0U	UG/KG	1,2-DIBROMOETHANE (EDB)
1.0U	UG/KG	ISOPROPYLBENZENE
1.0U	UG/KG	N-PROPYLBENZENE
1.0U	UG/KG	1,3,5-TRIMETHYLBENZENE
1.0U	UG/KG	TERT-BUTYLBENZENE
1.0U	UG/KG	1,2,4-TRIMETHYLBENZENE
1.0U	UG/KG	SEC-BUTYLBENZENE
1.0U	UG/KG	P-ISOPROPYLTOLUENE
1.0U	UG/KG	N-BUTYLBENZENE
1.0U	UG/KG	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)
1.0U	UG/KG	1,2,4-TRICHLOROBENZENE
1.0U	UG/KG	HEXACHLORO-1,3-BUTADIENE
5.2U	UG/KG	1,2,3-TRICHLOROBENZENE
12	%	% MOISTURE

-average value. NA-not analyzed. NAI-interferences. J-estimated value. N-presumptive evidence of presence of material.
-actual value is known to be less than value given. L-actual value is known to be greater than value given. U-material was analyzed for but not detected. the number is the minimum quantitation limit.
-qc indicates that data unusable. compound may or may not be present. resampling and reanalysis is necessary for verification.

Sample 5382 FY 2001 Project: 01-0444
VOLATILES SCAN
Facility: Vienna Street Dump Fort Valley, GA
Program: SF
Id/Station: QATB1 /
Media: TRIP BLANK - WATER

Produced by: Allen, Frank
Requestor:
Project Leader: BSTRIGGO
Beginning: 04/25/2001 18:05
Ending:

RESULTS	UNITS	ANALYTE
1.0U	UG/L	DICHLORODIFLUOROMETHANE
1.0U	UG/L	CHLOROMETHANE
1.0U	UG/L	BROMOMETHANE
1.0U	UG/L	VINYL CHLORIDE
1.0U	UG/L	CHLOROETHANE
1.0U	UG/L	TRICHLOROFLUOROMETHANE
1.0U	UG/L	1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)
1.0U	UG/L	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)
5.0U	UG/L	METHYLENE CHLORIDE
1.0U	UG/L	METHYL T-BUTYL ETHER (MTBE)
25.U	UG/L	ACETONE
2.5U	UG/L	CARBON DISULFIDE
1.0U	UG/L	METHYL ACETATE
1.0U	UG/L	1,1-DICHLOROETHANE
1.0U	UG/L	CIS-1,2-DICHLOROETHENE
1.0U	UG/L	2,2-DICHLOROPROPANE
25.U	UG/L	METHYL ETHYL KETONE
1.0U	UG/L	BROMOCHLOROMETHANE
1.0U	UG/L	TRANS-1,2-DICHLOROETHENE
1.0U	UG/L	CHLOROFORM
1.0U	UG/L	1,2-DICHLOROETHANE
1.0U	UG/L	1,1,1-TRICHLOROETHANE
1.0U	UG/L	CYCLOHEXANE
1.0U	UG/L	1,1-DICHLOROPROPENE
1.0U	UG/L	CARBON TETRACHLORIDE
1.0U	UG/L	BROMODICHLOROMETHANE
2.5U	UG/L	METHYL ISOBUTYL KETONE
1.0U	UG/L	1,2-DICHLOROPROPANE
1.0U	UG/L	METHYLCYCLOHEXANE
1.0U	UG/L	DIBROMOMETHANE
1.0U	UG/L	TRANS-1,3-DICHLOROPROPENE
1.0U	UG/L	TRICHLOROETHENE (TRICHLOROETHYLENE)
1.0U	UG/L	BENZENE
1.0U	UG/L	DIBROMOCHLOROMETHANE
1.0U	UG/L	1,1,2-TRICHLOROETHANE
1.0U	UG/L	CIS-1,3-DICHLOROPROPENE
1.0U	UG/L	BROMOFORM
1.0U	UG/L	BROMOBENZENE
1.0U	UG/L	1,1,2,2-TETRACHLOROETHANE
1.0U	UG/L	TETRACHLOROETHENE (TETRACHLOROETHYLENE)
1.0U	UG/L	1,3-DICHLOROPROPANE
2.5U	UG/L	METHYL BUTYL KETONE
1.0U	UG/L	TOLUENE
1.0U	UG/L	CHLOROBENZENE
1.0U	UG/L	1,1,1,2-TETRACHLOROETHANE
1.0U	UG/L	ETHYL BENZENE
1.0U	UG/L	(M- AND/OR P-)XYLENE
1.0U	UG/L	O-XYLENE
1.0U	UG/L	STYRENE
1.0U	UG/L	1,2,3-TRICHLOROPROPANE
1.0U	UG/L	O-CHLOROTOLUENE
1.0U	UG/L	P-CHLOROTOLUENE
1.0U	UG/L	1,3-DICHLOROBENZENE
1.0U	UG/L	1,4-DICHLOROBENZENE
1.0U	UG/L	1,2-DICHLOROBENZENE
1.0U	UG/L	1,2-DIBROMOETHANE (EDB)
1.0U	UG/L	ISOPROPYLBENZENE
1.0U	UG/L	N-PROPYLBENZENE
1.0U	UG/L	1,3,5-TRIMETHYLBENZENE
1.0U	UG/L	TERT-BUTYLBENZENE
1.0U	UG/L	1,2,4-TRIMETHYLBENZENE
1.0U	UG/L	SEC-BUTYLBENZENE
1.0U	UG/L	P-ISOPROPYLTOLUENE
1.0U	UG/L	N-BUTYLBENZENE
5.0U	UG/L	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)
1.0U	UG/L	1,2,4-TRICHLOROBENZENE
1.0U	UG/L	HEXACHLORO-1,3-BUTADIENE
1.0U	UG/L	1,2,3-TRICHLOROBENZENE

-average value. NA-not analyzed. NAI-interferences. J-estimated value. N-presumptive evidence of presence of material.
-actual value is known to be less than value given. L-actual value is known to be greater than value given. U-material was analyzed for but not detected. the number is the minimum quantitation limit.
-qc indicates that data unusable. compound may or may not be present. resampling and reanalysis is necessary for verification.

Sample 5386 FY 2001 Project: 01-0444

VOLATILES SCAN

Facility: Vienna Street Dump Fort Valley, GA

Program: SF

Id/Station: QATB2 /

Media: TRIP BLANK - SOIL

Produced by: Allen, Frank

Requestor:

Project Leader: BSTRIGGO

Beginning: 04/26/2001 16:00

Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
1.5UJ	UG/KG	DICHLORODIFLUOROMETHANE
1.5UJ	UG/KG	CHLOROMETHANE
1.5UJ	UG/KG	BROMOMETHANE
1.5UJ	UG/KG	VINYL CHLORIDE
1.5UJ	UG/KG	CHLOROETHANE
1.5UJ	UG/KG	TRICHLOROFLUOROMETHANE
1.5UJ	UG/KG	1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)
1.5UJ	UG/KG	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)
1.5UJ	UG/KG	METHYLENE CHLORIDE
1.5UJ	UG/KG	METHYL T-BUTYL ETHER (MTBE)
19UJ	UG/KG	ACETONE
1.5UJ	UG/KG	CARBON DISULFIDE
1.5UJ	UG/KG	METHYL ACETATE
1.5UJ	UG/KG	1,1-DICHLOROETHANE
1.5UJ	UG/KG	CIS-1,2-DICHLOROETHENE
1.5UJ	UG/KG	2,2-DICHLOROPROPANE
3.9UJ	UG/KG	METHYL ETHYL KETONE
1.5UJ	UG/KG	BROMOCHLOROMETHANE
1.5UJ	UG/KG	TRANS-1,2-DICHLOROETHENE
7.7UJ	UG/KG	CHLOROFORM
1.5UJ	UG/KG	1,2-DICHLOROETHANE
1.5UJ	UG/KG	1,1,1-TRICHLOROETHANE
1.5UJ	UG/KG	CYCLOHEXANE
1.5UJ	UG/KG	1,1-DICHLOROPROPENE
1.5UJ	UG/KG	CARBON TETRACHLORIDE
7.7UJ	UG/KG	BROMODICHLOROMETHANE
3.9UJ	UG/KG	METHYL ISOBUTYL KETONE
1.5UJ	UG/KG	1,2-DICHLOROPROPANE
1.5UJ	UG/KG	METHYLCYCLOHEXANE
1.5UJ	UG/KG	DIBROMOMETHANE
1.5UJ	UG/KG	TRANS-1,3-DICHLOROPROPENE
1.5UJ	UG/KG	TRICHLOROETHENE (TRICHLOROETHYLENE)
1.5UJ	UG/KG	BENZENE
1.5UJ	UG/KG	DIBROMOCHLOROMETHANE
1.5UJ	UG/KG	1,1,2-TRICHLOROETHANE
1.5UJ	UG/KG	CIS-1,3-DICHLOROPROPENE
1.5UJ	UG/KG	BROMOFORM
1.5UJ	UG/KG	BROMOBENZENE
1.5UJ	UG/KG	1,1,2,2-TETRACHLOROETHANE
1.5UJ	UG/KG	TETRACHLOROETHENE (TETRACHLOROETHYLENE)
1.5UJ	UG/KG	1,3-DICHLOROPROPANE
3.9UJ	UG/KG	METHYL BUTYL KETONE
1.5UJ	UG/KG	TOLUENE
1.5UJ	UG/KG	CHLOROBENZENE
1.5UJ	UG/KG	1,1,1,2-TETRACHLOROETHANE
1.5UJ	UG/KG	ETHYL BENZENE
3.1UJ	UG/KG	(M- AND/OR P-)XYLENE
1.5UJ	UG/KG	O-XYLENE
1.5UJ	UG/KG	STYRENE
1.5UJ	UG/KG	1,2,3-TRICHLOROPROPANE
1.5UJ	UG/KG	O-CHLOROTOLUENE
1.5UJ	UG/KG	P-CHLOROTOLUENE
1.5UJ	UG/KG	1,3-DICHLOROBENZENE
1.5UJ	UG/KG	1,4-DICHLOROBENZENE
1.5UJ	UG/KG	1,2-DICHLOROBENZENE
1.5UJ	UG/KG	1,2-DIBROMOETHANE (EDB)
1.5UJ	UG/KG	ISOPROPYLBENZENE
1.5UJ	UG/KG	N-PROPYLBENZENE
1.5UJ	UG/KG	1,3,5-TRIMETHYLBENZENE
1.5UJ	UG/KG	TERT-BUTYLBENZENE
1.5UJ	UG/KG	1,2,4-TRIMETHYLBENZENE
1.5UJ	UG/KG	SEC-BUTYLBENZENE
1.5UJ	UG/KG	P-ISOPROPYLTOLUENE
1.5UJ	UG/KG	N-BUTYLBENZENE
1.5UJ	UG/KG	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)
1.5UJ	UG/KG	1,2,4-TRICHLOROBENZENE
1.5UJ	UG/KG	HEXACHLORO-1,3-BUTADIENE
7.7UJ	UG/KG	1,2,3-TRICHLOROBENZENE
10	%	% MOISTURE

:COMMENDED HOLDING TIME EXCEEDED-PURGEABLE ORGANICS

ıverage value. NA-not analyzed. NAI-interferences. J-estimated value. N-presumptive evidence of presence of material.
ıctual value is known to be less than value given. L-actual value is known to be greater than value given. U-material was analyzed for but not detected. the number is the minimum quantitation limit.
ıc indicates that data unusable. compound may or may not be present. resampling and reanalysis is necessary for verification.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4

Science and Ecosystem Support Division
980 College Station Road
Athens, Georgia 30605-2720

MEMORANDUM

Date: 05/25/2001

Subject: Results of EXTRACTABLES Sample Analysis
01-0444 Vienna Street Dump
Fort Valley, GA

From: Revell, Dennis

To: Striggow.Brian

Thru: Cosgrove, Bill
Chief,Organic Chemistry Section
Analytical Support Branch

Attached are the results of analysis of samples collected as part of the subject project. If you have any questions, please contact me.

ATTACHMENT

Sample 5377 FY 2001 Project: 01-0444
EXTRACTABLES SCAN
Facility: Vienna Street Dump Fort Valley, GA
Program: SF
Id/Station: BKGD /
Media: GROUNDWATER

Produced by: Revell, Dennis
Requestor:
Project Leader: BSTRIGGO
Beginning: 04/25/2001 10:38
Ending:

RESULTS	UNITS	ANALYTE
10U	UG/L	BIS(2-CHLOROETHYL) ETHER
10U	UG/L	BENZALDEHYDE
10U	UG/L	HEXACHLOROETHANE
10U	UG/L	BIS(2-CHLOROISOPROPYL) ETHER
10U	UG/L	N-NITROSODI-N-PROPYLAMINE
10U	UG/L	ACETOPHENONE
10U	UG/L	NITROBENZENE
10U	UG/L	HEXACHLOROBUTADIENE
85	UG/L	CAPROLACTAM
10U	UG/L	2-METHYLNAPHTHALENE
10U	UG/L	1,2,4-TRICHLOROBENZENE
10U	UG/L	NAPHTHALENE
10U	UG/L	4-CHLOROANILINE
10U	UG/L	BIS(2-CHLOROETHOXY)METHANE
10U	UG/L	ISOPHORONE
10U	UG/L	HEXACHLOROCYCLOPENTADIENE (HCCP)
10U	UG/L	1,1-BIPHENYL
10U	UG/L	2-CHLORONAPHTHALENE
10U	UG/L	2-NITROANILINE
10U	UG/L	ACENAPHTHYLENE
10U	UG/L	ACENAPHTHENE
10U	UG/L	DIMETHYL PHTHALATE
10U	UG/L	DIBENZOFURAN
10U	UG/L	2,4-DINITROTOLUENE
10U	UG/L	2,6-DINITROTOLUENE
10U	UG/L	3-NITROANILINE
10U	UG/L	4-CHLOROPHENYL PHENYL ETHER
10U	UG/L	4-NITROANILINE
10U	UG/L	FLUORENE
10U	UG/L	DIETHYL PHTHALATE
10U	UG/L	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
10U	UG/L	HEXACHLOROBENZENE (HCB)
10U	UG/L	ATRAZINE
10U	UG/L	4-BROMOPHENYL PHENYL ETHER
10U	UG/L	PHENANTHRENE

RESULTS	UNITS	ANALYTE
10U	UG/L	ANTHRACENE
10U	UG/L	CARBAZOLE
10U	UG/L	DI-N-BUTYLPHTHALATE
10U	UG/L	FLUORANTHENE
10U	UG/L	PYRENE
10U	UG/L	BENZYL BUTYL PHTHALATE
10U	UG/L	BIS(2-ETHYLHEXYL) PHTHALATE
10U	UG/L	BENZO(A)ANTHRACENE
10U	UG/L	CHRYSENE
10U	UG/L	3,3'-DICHLOROBENZIDINE
10U	UG/L	DI-N-OCTYLPHTHALATE
10U	UG/L	BENZO(B)FLUORANTHENE
10U	UG/L	BENZO(K)FLUORANTHENE
10U	UG/L	BENZO-A-PYRENE
10U	UG/L	INDENO (1,2,3-CD) PYRENE
10U	UG/L	DIBENZO(A,H)ANTHRACENE
10U	UG/L	BENZO(GHI)PERYLENE
10U	UG/L	2-CHLOROPHENOL
10U	UG/L	2-METHYLPHENOL
10U	UG/L	(3-AND/OR 4-)METHYLPHENOL
10U	UG/L	2-NITROPHENOL
10U	UG/L	PHENOL
10U	UG/L	2,4-DIMETHYLPHENOL
10U	UG/L	2,4-DICHLOROPHENOL
10U	UG/L	2,4,6-TRICHLOROPHENOL
10U	UG/L	2,4,5-TRICHLOROPHENOL
10U	UG/L	4-CHLORO-3-METHYLPHENOL
20U	UG/L	2,4-DINITROPHENOL
20U	UG/L	2-METHYL-4,6-DINITROPHENOL
20U	UG/L	PENTACHLOROPHENOL
20U	UG/L	4-NITROPHENOL
10U	UG/L	2,3,4,6-TETRACHLOROPHENOL

A-average value. NA-not analyzed. NAI-interferences. J-estimated value. N-presumptive evidence of presence of material.
K-actual value is known to be less than value given. L-actual value is known to be greater than value given. U-material was analyzed for but not detected. the number is the minimum quantitation limit.
R-qc indicates that data unusable. compound may or may not be present. resampling and reanalysis is necessary for verification.

Sample 5377 FY 2001 Project: 01-0444

MISCELLANEOUS COMPOUNDS

Facility: Vienna Street Dump Fort Valley, GA
Program: SF
Id/Station: BKGD /
Media: GROUNDWATER

Produced by: Revell, Dennis
Requestor:
Project Leader: BSTRIGGO
Beginning: 04/25/2001 10:38
Ending:

RESULTS	UNITS	ANALYTE
10JN	UG/L	OCTAADECANOIC ACID, METHYL ESTER
100JN	UG/L	DECANOIC ACID, METHYL ESTER
30JN	UG/L	TETRADECANOIC ACID, METHYL ESTER
30JN	UG/L	HEXADECANOIC ACID, METHYL ESTER
10JN	UG/L	OCTADECADIENOIC ACID, METHYL ESTER
100JN	UG/L	OCTADECENOIC ACID, METHYL ESTER
20JN	UG/L	OCTADECANOIC ACID, METHYL ESTER
20JN	UG/L	OLEIC ACID

-average value. NA-not analyzed. NAI-interferences. J-estimated value. N-presumptive evidence of presence of material.
-actual value is known to be less than value given. L-actual value is known to be greater than value given. U-material was analyzed for but not detected. the number is the minimum quantitation limit.
-qc indicates that data unusable. compound may or may not be present. resampling and reanalysis is necessary for verification.

Sample 5378 FY 2001 Project: 01-0444

EXTRACTABLES SCAN

Facility: Vienna Street Dump Fort Valley, GA

Program: SF

Id/Station: CNTL /

Media: GROUNDWATER

Produced by: Revell, Dennis

Requestor:

Project Leader: BSTRIGGO

Beginning: 04/25/2001 13:10

Ending:

RESULTS	UNITS	ANALYTE
10U	UG/L	BIS(2-CHLOROETHYL) ETHER
10U	UG/L	BENZALDEHYDE
10U	UG/L	HEXACHLOROETHANE
10U	UG/L	BIS(2-CHLOROISOPROPYL) ETHER
10U	UG/L	N-NITROSODI-N-PROPYLAMINE
10U	UG/L	ACETOPHENONE
10U	UG/L	NITROBENZENE
10U	UG/L	HEXACHLOROBUTADIENE
10U	UG/L	CAPROLACTAM
10U	UG/L	2-METHYLNAPHTHALENE
10U	UG/L	1,2,4-TRICHLOROBENZENE
10U	UG/L	NAPHTHALENE
10U	UG/L	4-CHLOROANILINE
10U	UG/L	BIS(2-CHLOROETHOXY)METHANE
10U	UG/L	ISOPHORONE
10U	UG/L	HEXACHLOROCYCLOPENTADIENE (HCCP)
10U	UG/L	1,1-BIPHENYL
10U	UG/L	2-CHLORONAPHTHALENE
10U	UG/L	2-NITROANILINE
10U	UG/L	ACENAPHTHYLENE
10U	UG/L	ACENAPHTHENE
10U	UG/L	DIMETHYL PHTHALATE
10U	UG/L	DIBENZOFURAN
10U	UG/L	2,4-DINITROTOLUENE
10U	UG/L	2,6-DINITROTOLUENE
10U	UG/L	3-NITROANILINE
10U	UG/L	4-CHLOROPHENYL PHENYL ETHER
10U	UG/L	4-NITROANILINE
10U	UG/L	FLUORENE
10U	UG/L	DIETHYL PHTHALATE
10U	UG/L	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
10U	UG/L	HEXACHLOROBENZENE (HCB)
10U	UG/L	ATRAZINE
10U	UG/L	4-BROMOPHENYL PHENYL ETHER
10U	UG/L	PHENANTHRENE

RESULTS	UNITS	ANALYTE
10U	UG/L	ANTHRACENE
10U	UG/L	CARBAZOLE
10U	UG/L	DI-N-BUTYLPHTHALATE
10U	UG/L	FLUORANTHENE
10U	UG/L	PYRENE
10U	UG/L	BENZYL BUTYL PHTHALATE
10U	UG/L	BIS(2-ETHYLHEXYL) PHTHALATE
10U	UG/L	BENZO(A)ANTHRACENE
10U	UG/L	CHRYSENE
10U	UG/L	3,3'-DICHLOROBENZIDINE
10U	UG/L	DI-N-OCTYLPHTHALATE
10U	UG/L	BENZO(B)FLUORANTHENE
10U	UG/L	BENZO(K)FLUORANTHENE
10U	UG/L	BENZO-A-PYRENE
10U	UG/L	INDENO (1,2,3-CD) PYRENE
10U	UG/L	DIBENZO(A,H)ANTHRACENE
10U	UG/L	BENZO(GHI)PERYLENE
10U	UG/L	2-CHLOROPHENOL
10U	UG/L	2-METHYLPHENOL
10U	UG/L	(3-AND/OR 4-)METHYLPHENOL
10U	UG/L	2-NITROPHENOL
10U	UG/L	PHENOL
10U	UG/L	2,4-DIMETHYLPHENOL
10U	UG/L	2,4-DICHLOROPHENOL
10U	UG/L	2,4,6-TRICHLOROPHENOL
10U	UG/L	2,4,5-TRICHLOROPHENOL
10U	UG/L	4-CHLORO-3-METHYLPHENOL
20U	UG/L	2,4-DINITROPHENOL
20U	UG/L	2-METHYL-4,6-DINITROPHENOL
20U	UG/L	PENTACHLOROPHENOL
20U	UG/L	4-NITROPHENOL
10U	UG/L	2,3,4,6-TETRACHLOROPHENOL

A-average value. NA-not analyzed. NAI-interferences. J-estimated value. N-presumptive evidence of presence of material.
K-actual value is known to be less than value given. L-actual value is known to be greater than value given. U-material was analyzed for but not detected. the number is the minimum quantitation limit.
R-qc indicates that data unusable. compound may or may not be present. resampling and reanalysis is necessary for verification.

Sample 5379 FY 2001 Project: 01-0444

EXTRACTABLES SCAN

Facility: Vienna Street Dump Fort Valley, GA

Program: SF

Id/Station: TW1 /

Media: GROUNDWATER

Produced by: Revell, Dennis

Requestor:

Project Leader: BSTRIGGO

Beginning: 04/25/2001 15:30

Ending:

RESULTS	UNITS	ANALYTE
10U	UG/L	BIS(2-CHLOROETHYL) ETHER
10U	UG/L	BENZALDEHYDE
10U	UG/L	HEXACHLOROETHANE
10U	UG/L	BIS(2-CHLOROISOPROPYL) ETHER
10U	UG/L	N-NITROSODI-N-PROPYLAMINE
10U	UG/L	ACETOPHENONE
10U	UG/L	NITROBENZENE
10U	UG/L	HEXACHLOROBUTADIENE
600	UG/L	CAPROLACTAM
10U	UG/L	2-METHYLNAPHTHALENE
10U	UG/L	1,2,4-TRICHLOROBENZENE
10U	UG/L	NAPHTHALENE
10U	UG/L	4-CHLOROANILINE
10U	UG/L	BIS(2-CHLOROETHOXY)METHANE
10U	UG/L	ISOPHORONE
10U	UG/L	HEXACHLOROCYCLOPENTADIENE (HCCP)
10U	UG/L	1,1-BIPHENYL
10U	UG/L	2-CHLORONAPHTHALENE
10U	UG/L	2-NITROANILINE
10U	UG/L	ACENAPHTHYLENE
10U	UG/L	ACENAPHTHENE
10U	UG/L	DIMETHYL PHTHALATE
10U	UG/L	DIBENZOFURAN
10U	UG/L	2,4-DINITROTOLUENE
10U	UG/L	2,6-DINITROTOLUENE
10U	UG/L	3-NITROANILINE
10U	UG/L	4-CHLOROPHENYL PHENYL ETHER
10U	UG/L	4-NITROANILINE
10U	UG/L	FLUORENE
10U	UG/L	DIETHYL PHTHALATE
10U	UG/L	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
10U	UG/L	HEXACHLOROBENZENE (HCB)
10U	UG/L	ATRAZINE
10U	UG/L	4-BROMOPHENYL PHENYL ETHER
10U	UG/L	PHENANTHRENE
10U	UG/L	ANTHRACENE
10U	UG/L	CARBAZOLE
10U	UG/L	DI-N-BUTYLPHTHALATE
10U	UG/L	FLUORANTHENE
10U	UG/L	PYRENE
10U	UG/L	BENZYL BUTYL PHTHALATE
10U	UG/L	BIS(2-ETHYLHEXYL) PHTHALATE
10U	UG/L	BENZO(A)ANTHRACENE
10U	UG/L	CHRYSENE
10U	UG/L	3,3'-DICHLOROBENZIDINE
10U	UG/L	DI-N-OCTYLPHTHALATE
10U	UG/L	BENZO(B)FLUORANTHENE
10U	UG/L	BENZO(K)FLUORANTHENE
10U	UG/L	BENZO-A-PYRENE
10U	UG/L	INDENO (1,2,3-CD) PYRENE
10U	UG/L	DIBENZO(A,H)ANTHRACENE
10U	UG/L	BENZO(GHI)PERYLENE
10U	UG/L	2-CHLOROPHENOL
10U	UG/L	2-METHYLPHENOL
10U	UG/L	(3-AND/OR 4-)METHYLPHENOL
10U	UG/L	2-NITROPHENOL
10U	UG/L	PHENOL
10U	UG/L	2,4-DIMETHYLPHENOL
10U	UG/L	2,4-DICHLOROPHENOL
10U	UG/L	2,4,6-TRICHLOROPHENOL
10U	UG/L	2,4,5-TRICHLOROPHENOL
10U	UG/L	4-CHLORO-3-METHYLPHENOL
20U	UG/L	2,4-DINITROPHENOL
20U	UG/L	2-METHYL-4,6-DINITROPHENOL
20U	UG/L	PENTACHLOROPHENOL
20U	UG/L	4-NITROPHENOL
10U	UG/L	2,3,4,6-TETRACHLOROPHENOL

-average value. NA-not analyzed. NAI-interferences. J-estimated value. N-presumptive evidence of presence of material.
-actual value is known to be less than value given. L-actual value is known to be greater than value given. U-material was analyzed for but not detected. the number is the minimum quantitation limit.
-qc indicates that data unusable. compound may or may not be present. resampling and reanalysis is necessary for verification.

Sample 5379 FY 2001 Project: 01-0444

MISCELLANEOUS COMPOUNDS

Facility: Vienna Street Dump Fort Valley, GA

Program: SF

Id/Station: TW1 /

Media: GROUNDWATER

Produced by: Revell, Dennis

Requestor:

Project Leader: BSTRIGGO

Beginning: 04/25/2001 15:30

Ending:

RESULTS	UNITS	ANALYTE
100JN	UG/L	DIMETHYLPHENYLBENZENEACETAMIDE
300JN	UG/L	DIAZADIKETOCYCLOTETRADECANE

average value. NA-not analyzed. NAI-interferences. J-estimated value. N-presumptive evidence of presence of material.
actual value is known to be less than value given. L-actual value is known to be greater than value given. U-material was analyzed for but not detected. the number is the minimum quantitation limit.
qc indicates that data unusable. compound may or may not be present. resampling and reanalysis is necessary for verification.

Sample 5380 FY 2001 Project: 01-0444

EXTRACTABLES SCAN

Facility: Vienna Street Dump Fort Valley, GA

Program: SF

Id/Station: TW3 /

Media: GROUNDWATER

Produced by: Revell, Dennis

Requestor:

Project Leader: BSTRIGGO

Beginning: 04/25/2001 17:45

Ending:

RESULTS	UNITS	ANALYTE
10U	UG/L	BIS(2-CHLOROETHYL) ETHER
10U	UG/L	BENZALDEHYDE
10U	UG/L	HEXACHLOROETHANE
10U	UG/L	BIS(2-CHLOROISOPROPYL) ETHER
10U	UG/L	N-NITROSODI-N-PROPYLAMINE
10U	UG/L	ACETOPHENONE
10U	UG/L	NITROBENZENE
10U	UG/L	HEXACHLOROBUTADIENE
40	UG/L	CAPROLACTAM
10U	UG/L	2-METHYLNAPHTHALENE
10U	UG/L	1,2,4-TRICHLOROBENZENE
10U	UG/L	NAPHTHALENE
10U	UG/L	4-CHLOROANILINE
10U	UG/L	BIS(2-CHLOROETHOXY)METHANE
10U	UG/L	ISOPHORONE
10U	UG/L	HEXACHLOROCYCLOPENTADIENE (HCCP)
10U	UG/L	1,1-BIPHENYL
10U	UG/L	2-CHLORONAPHTHALENE
10U	UG/L	2-NITROANILINE
10U	UG/L	ACENAPHTHYLENE
10U	UG/L	ACENAPHTHENE
10U	UG/L	DIMETHYL PHTHALATE
10U	UG/L	DIBENZOFURAN
10U	UG/L	2,4-DINITROTOLUENE
10U	UG/L	2,6-DINITROTOLUENE
10U	UG/L	3-NITROANILINE
10U	UG/L	4-CHLOROPHENYL PHENYL ETHER
10U	UG/L	4-NITROANILINE
10U	UG/L	FLUORENE
10U	UG/L	DIETHYL PHTHALATE
10U	UG/L	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
10U	UG/L	HEXACHLOROBENZENE (HCB)
10U	UG/L	ATRAZINE
10U	UG/L	4-BROMOPHENYL PHENYL ETHER
10U	UG/L	PHENANTHRENE

RESULTS	UNITS	ANALYTE
10U	UG/L	ANTHRACENE
10U	UG/L	CARBAZOLE
10U	UG/L	DI-N-BUTYLPHTHALATE
10U	UG/L	FLUORANTHENE
10U	UG/L	PYRENE
10U	UG/L	BENZYL BUTYL PHTHALATE
10U	UG/L	BIS(2-ETHYLHEXYL) PHTHALATE
10U	UG/L	BENZO(A)ANTHRACENE
10U	UG/L	CHRYSENE
10U	UG/L	3,3'-DICHLOROBENZIDINE
10U	UG/L	DI-N-OCTYLPHTHALATE
10U	UG/L	BENZO(B)FLUORANTHENE
10U	UG/L	BENZO(K)FLUORANTHENE
10U	UG/L	BENZO-A-PYRENE
10U	UG/L	INDENO (1,2,3-CD) PYRENE
10U	UG/L	DIBENZO(A,H)ANTHRACENE
10U	UG/L	BENZO(GHI)PERYLENE
10U	UG/L	2-CHLOROPHENOL
10U	UG/L	2-METHYLPHENOL
10U	UG/L	(3-AND/OR 4-)METHYLPHENOL
10U	UG/L	2-NITROPHENOL
10U	UG/L	PHENOL
10U	UG/L	2,4-DIMETHYLPHENOL
10U	UG/L	2,4-DICHLOROPHENOL
10U	UG/L	2,4,6-TRICHLOROPHENOL
10U	UG/L	2,4,5-TRICHLOROPHENOL
10U	UG/L	4-CHLORO-3-METHYLPHENOL
20U	UG/L	2,4-DINITROPHENOL
20U	UG/L	2-METHYL-4,6-DINITROPHENOL
20U	UG/L	PENTACHLOROPHENOL
20U	UG/L	4-NITROPHENOL
10U	UG/L	2,3,4,6-TETRACHLOROPHENOL

A-average value. NA-not analyzed. NAI-interferences. J-estimated value. N-presumptive evidence of presence of material.
<-actual value is known to be less than value given. L-actual value is known to be greater than value given. U-material was analyzed for but not detected. the number is the minimum quantitation limit.
R-qc indicates that data unusable. compound may or may not be present. resampling and reanalysis is necessary for verification.

Sample 5383 FY 2001 Project: 01-0444

EXTRACTABLES SCAN

Facility: Vienna Street Dump Fort Valley, GA
Program: SF
Id/Station: CNTLCUT /
Media: SUBSURFACE SOIL (> 12")

Produced by: Revell, Dennis
Requestor:
Project Leader: BSTRIGGO
Beginning: 04/26/2001 15:15
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
3900U	UG/KG	BIS(2-CHLOROETHYL) ETHER
3900U	UG/KG	BENZALDEHYDE
3900U	UG/KG	HEXACHLOROETHANE
3900U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
3900U	UG/KG	N-NITROSODI-N-PROPYLAMINE
3900U	UG/KG	ACETOPHENONE
3900U	UG/KG	NITROBENZENE
3900U	UG/KG	HEXACHLOROBUTADIENE
3900U	UG/KG	CAPROLACTAM
3900U	UG/KG	2-METHYLNAPHTHALENE
3900U	UG/KG	1,2,4-TRICHLOROBENZENE
3900U	UG/KG	NAPHTHALENE
3900U	UG/KG	4-CHLOROANILINE
3900U	UG/KG	BIS(2-CHLOROETHOXY)METHANE
3900U	UG/KG	ISOPHORONE
3900U	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)
3900U	UG/KG	1,1-BIPHENYL
3900U	UG/KG	2-CHLORONAPHTHALENE
3900U	UG/KG	2-NITROANILINE
3900U	UG/KG	ACENAPHTHYLENE
3900U	UG/KG	ACENAPHTHENE
3900U	UG/KG	DIMETHYL PHTHALATE
3900U	UG/KG	DIBENZOFURAN
3900U	UG/KG	2,4-DINITROTOLUENE
3900U	UG/KG	2,6-DINITROTOLUENE
3900U	UG/KG	3-NITROANILINE
3900U	UG/KG	4-CHLOROPHENYL PHENYL ETHER
3900U	UG/KG	4-NITROANILINE
3900U	UG/KG	FLUORENE
3900U	UG/KG	DIETHYL PHTHALATE
3900U	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
3900U	UG/KG	HEXACHLOROBENZENE (HCB)
3900U	UG/KG	ATRAZINE
3900U	UG/KG	4-BROMOPHENYL PHENYL ETHER
3900U	UG/KG	PHENANTHRENE
3900U	UG/KG	ANTHRACENE
3900U	UG/KG	CARBAZOLE
3900U	UG/KG	DI-N-BUTYLPHTHALATE
3900U	UG/KG	FLUORANTHENE
3900U	UG/KG	PYRENE
3900U	UG/KG	BENZYL BUTYL PHTHALATE
3900U	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
3900U	UG/KG	BENZO(A)ANTHRACENE
3900U	UG/KG	CHRYSENE
3900U	UG/KG	3,3'-DICHLOROBENZIDINE
3900U	UG/KG	DI-N-OCTYLPHTHALATE
3900U	UG/KG	BENZO(B)FLUORANTHENE
3900U	UG/KG	BENZO(K)FLUORANTHENE
3900U	UG/KG	BENZO-A-PYRENE
3900U	UG/KG	INDENO (1,2,3-CD) PYRENE
3900U	UG/KG	DIBENZO(A,H)ANTHRACENE
3900U	UG/KG	BENZO(GHI)PERYLENE
3900U	UG/KG	2-CHLOROPHENOL
3900U	UG/KG	2-METHYLPHENOL
3900U	UG/KG	(3-AND/OR 4-)METHYLPHENOL
3900U	UG/KG	2-NITROPHENOL
3900U	UG/KG	PHENOL
3900U	UG/KG	2,4-DIMETHYLPHENOL
3900U	UG/KG	2,4-DICHLOROPHENOL
3900U	UG/KG	2,4,6-TRICHLOROPHENOL
3900U	UG/KG	2,4,5-TRICHLOROPHENOL
3900U	UG/KG	4-CHLORO-3-METHYLPHENOL
7800U	UG/KG	2,4-DINITROPHENOL
7800U	UG/KG	2-METHYL-4,6-DINITROPHENOL
7800U	UG/KG	PENTACHLOROPHENOL
7800U	UG/KG	4-NITROPHENOL
3900U	UG/KG	2,3,4,6-TETRACHLOROPHENOL
14.9	%	% MOISTURE

average value. NA-not analyzed. NAI-interferences. J-estimated value. N-presumptive evidence of presence of material.
actual value is known to be less than value given. L-actual value is known to be greater than value given. U-material was analyzed for but not detected. the number is the minimum quantitation limit.
qc indicates that data unusable. compound may or may not be present. resampling and reanalysis is necessary for verification.

Sample 5384 FY 2001 Project: 01-0444
EXTRACTABLES SCAN
Facility: Vienna Street Dump Fort Valley, GA
Program: SF
Id/Station: TW3CUT /
Media: SUBSURFACE SOIL (> 12")

Produced by: Revell, Dennis
Requestor:
Project Leader: BSTRIGGO
Beginning: 04/26/2001 15:30
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
3500U	UG/KG	BIS(2-CHLOROETHYL) ETHER
3500U	UG/KG	BENZALDEHYDE
3500U	UG/KG	HEXACHLOROETHANE
3500U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
3500U	UG/KG	N-NITROSODI-N-PROPYLAMINE
3500U	UG/KG	ACETOPHENONE
3500U	UG/KG	NITROBENZENE
3500U	UG/KG	HEXACHLOROBUTADIENE
3500U	UG/KG	CAPROLACTAM
3500U	UG/KG	2-METHYLNAPHTHALENE
3500U	UG/KG	1,2,4-TRICHLOROBENZENE
3500U	UG/KG	NAPHTHALENE
3500U	UG/KG	4-CHLOROANILINE
3500U	UG/KG	BIS(2-CHLOROETHOXY)METHANE
3500U	UG/KG	ISOPHORONE
3500U	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)
3500U	UG/KG	1,1-BIPHENYL
3500U	UG/KG	2-CHLORONAPHTHALENE
3500U	UG/KG	2-NITROANILINE
3500U	UG/KG	ACENAPHTHYLENE
3500U	UG/KG	ACENAPHTHENE
3500U	UG/KG	DIMETHYL PHTHALATE
3500U	UG/KG	DIBENZOFURAN
3500U	UG/KG	2,4-DINITROTOLUENE
3500U	UG/KG	2,6-DINITROTOLUENE
3500U	UG/KG	3-NITROANILINE
3500U	UG/KG	4-CHLOROPHENYL PHENYL ETHER
3500U	UG/KG	4-NITROANILINE
3500U	UG/KG	FLUORENE
3500U	UG/KG	DIETHYL PHTHALATE
3500U	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
3500U	UG/KG	HEXACHLOROBENZENE (HCB)
3500U	UG/KG	ATRAZINE
3500U	UG/KG	4-BROMOPHENYL PHENYL ETHER
3500U	UG/KG	PHENANTHRENE
3500U	UG/KG	ANTHRACENE
3500U	UG/KG	CARBAZOLE
3500U	UG/KG	DI-N-BUTYLPHTHALATE
3500U	UG/KG	FLUORANTHENE
3500U	UG/KG	PYRENE
3500U	UG/KG	BENZYL BUTYL PHTHALATE
3500U	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
3500U	UG/KG	BENZO(A)ANTHRACENE
3500U	UG/KG	CHRYSENE
3500U	UG/KG	3,3'-DICHLOROBENZIDINE
3500U	UG/KG	DI-N-OCTYLPHTHALATE
3500U	UG/KG	BENZO(B)FLUORANTHENE
3500U	UG/KG	BENZO(K)FLUORANTHENE
3500U	UG/KG	BENZO-A-PYRENE
3500U	UG/KG	INDENO (1,2,3-CD) PYRENE
3500U	UG/KG	DIBENZO(A,H)ANTHRACENE
3500U	UG/KG	BENZO(GHI)PERYLENE
3500U	UG/KG	2-CHLOROPHENOL
3500U	UG/KG	2-METHYLPHENOL
3500U	UG/KG	(3-AND/OR 4-)METHYLPHENOL
3500U	UG/KG	2-NITROPHENOL
3500U	UG/KG	PHENOL
3500U	UG/KG	2,4-DIMETHYLPHENOL
3500U	UG/KG	2,4-DICHLOROPHENOL
3500U	UG/KG	2,4,6-TRICHLOROPHENOL
3500U	UG/KG	2,4,5-TRICHLOROPHENOL
3500U	UG/KG	4-CHLORO-3-METHYLPHENOL
6900U	UG/KG	2,4-DINITROPHENOL
6900U	UG/KG	2-METHYL-4,6-DINITROPHENOL
6900U	UG/KG	PENTACHLOROPHENOL
6900U	UG/KG	4-NITROPHENOL
3500U	UG/KG	2,3,4,6-TETRACHLOROPHENOL
12.5	%	% MOISTURE

-average value. NA-not analyzed. NAI-interferences. J-estimated value. N-presumptive evidence of presence of material.
-actual value is known to be less than value given. L-actual value is known to be greater than value given. U-material was analyzed for but not detected. the number is the minimum quantitation limit.
-qc indicates that data unusable. compound may or may not be present. resampling and reanalysis is necessary for verification.

Sample 5385 FY 2001 Project: 01-0444

EXTRACTABLES SCAN

Facility: Vienna Street Dump Fort Valley, GA

Program: SF

Id/Station: TW1CUT /

Media: SUBSURFACE SOIL (> 12")

Produced by: Revell, Dennis

Requestor:

Project Leader: BSTRIGGO

Beginning: 04/26/2001 15:50

Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
3800U	UG/KG	BIS(2-CHLOROETHYL) ETHER
3800U	UG/KG	BENZALDEHYDE
3800U	UG/KG	HEXACHLOROETHANE
3800U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
3800U	UG/KG	N-NITROSODI-N-PROPYLAMINE
3800U	UG/KG	ACETOPHENONE
3800U	UG/KG	NITROBENZENE
3800U	UG/KG	HEXACHLOROBUTADIENE
3800U	UG/KG	CAPROLACTAM
3800U	UG/KG	2-METHYLNAPHTHALENE
3800U	UG/KG	1,2,4-TRICHLOROBENZENE
3800U	UG/KG	NAPHTHALENE
3800U	UG/KG	4-CHLOROANILINE
3800U	UG/KG	BIS(2-CHLOROETHOXY)METHANE
3800U	UG/KG	ISOPHORONE
3800U	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)
3800U	UG/KG	1,1-BIPHENYL
3800U	UG/KG	2-CHLORONAPHTHALENE
3800U	UG/KG	2-NITROANILINE
3800U	UG/KG	ACENAPHTHYLENE
3800U	UG/KG	ACENAPHTHENE
3800U	UG/KG	DIMETHYL PHTHALATE
3800U	UG/KG	DIBENZOFURAN
3800U	UG/KG	2,4-DINITROTOLUENE
3800U	UG/KG	2,6-DINITROTOLUENE
3800U	UG/KG	3-NITROANILINE
3800U	UG/KG	4-CHLOROPHENYL PHENYL ETHER
3800U	UG/KG	4-NITROANILINE
3800U	UG/KG	FLUORENE
3800U	UG/KG	DIETHYL PHTHALATE
3800U	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
3800U	UG/KG	HEXACHLOROBENZENE (HCB)
3800U	UG/KG	ATRAZINE
3800U	UG/KG	4-BROMOPHENYL PHENYL ETHER
3800U	UG/KG	PHENANTHRENE
3800U	UG/KG	ANTHRACENE
3800U	UG/KG	CARBAZOLE
3800U	UG/KG	DI-N-BUTYLPHTHALATE
3800U	UG/KG	FLUORANTHENE
3800U	UG/KG	PYRENE
3800U	UG/KG	BENZYL BUTYL PHTHALATE
3800U	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
3800U	UG/KG	BENZO(A)ANTHRACENE
3800U	UG/KG	CHRYSENE
3800U	UG/KG	3,3'-DICHLOROBENZIDINE
3800U	UG/KG	DI-N-OCTYLPHTHALATE
3800U	UG/KG	BENZO(B)FLUORANTHENE
3800U	UG/KG	BENZO(K)FLUORANTHENE
3800U	UG/KG	BENZO-A-PYRENE
3800U	UG/KG	INDENO (1,2,3-CD) PYRENE
3800U	UG/KG	DIBENZO(A,H)ANTHRACENE
3800U	UG/KG	BENZO(GHI)PERYLENE
3800U	UG/KG	2-CHLOROPHENOL
3800U	UG/KG	2-METHYLPHENOL
3800U	UG/KG	(3-AND/OR 4-)METHYLPHENOL
3800U	UG/KG	2-NITROPHENOL
3800U	UG/KG	PHENOL
3800U	UG/KG	2,4-DIMETHYLPHENOL
3800U	UG/KG	2,4-DICHLOROPHENOL
3800U	UG/KG	2,4,6-TRICHLOROPHENOL
3800U	UG/KG	2,4,5-TRICHLOROPHENOL
3800U	UG/KG	4-CHLORO-3-METHYLPHENOL
7600U	UG/KG	2,4-DINITROPHENOL
7600U	UG/KG	2-METHYL-4,6-DINITROPHENOL
7600U	UG/KG	PENTACHLOROPHENOL
7600U	UG/KG	4-NITROPHENOL
3800U	UG/KG	2,3,4,6-TETRACHLOROPHENOL
21.0	%	% MOISTURE

-average value. NA-not analyzed. NAI-interferences. J-estimated value. N-presumptive evidence of presence of material.
-actual value is known to be less than value given. L-actual value is known to be greater than value given. U-material was analyzed for but not detected. the number is the minimum quantitation limit.
-qc indicates that data unusable. compound may or may not be present. resampling and reanalysis is necessary for verification.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4

Science and Ecosystem Support Division
980 College Station Road
Athens, Georgia 30605-2720

MEMORANDUM

Date: 05/21/2001

Subject: Results of PESTICIDES/PCB Sample Analysis
01-0444 Vienna Street Dump
Fort Valley, GA

From: Revells, Lavon

To: Striggow.Brian

Thru: Cosgrove, Bill
Chief,Organic Chemistry Section
Analytical Support Branch

Attached are the results of analysis of samples collected as part of the subject project. If you have any questions, please contact me.

ATTACHMENT

Sample 5377 FY 2001 Project: 01-0444

PESTICIDES SCAN

Facility: Vienna Street Dump Fort Valley, GA

Program: SF

Id/Station: BKGD /

Media: GROUNDWATER

Produced by: Revells, Lavon

Requestor:

Project Leader: BSTRIGGO

Beginning: 04/25/2001 10:38

Ending:

RESULTS	UNITS	ANALYTE
0.10U	UG/L	ALDRIN
0.10U	UG/L	HEPTACHLOR
0.10U	UG/L	HEPTACHLOR EPOXIDE
0.10U	UG/L	ALPHA-BHC
0.10U	UG/L	BETA-BHC
0.10U	UG/L	GAMMA-BHC (LINDANE)
0.10U	UG/L	DELTA-BHC
0.10U	UG/L	ENDOSULFAN I (ALPHA)
0.10U	UG/L	DIELDRIN
0.25U	UG/L	4,4'-DDT (P,P'-DDT)
0.10U	UG/L	4,4'-DDE (P,P'-DDE)
0.25U	UG/L	4,4'-DDD (P,P'-DDD)
0.25U	UG/L	ENDRIN
0.25U	UG/L	ENDOSULFAN II (BETA)
0.25U	UG/L	ENDOSULFAN SULFATE
1.2U	UG/L	PCB-1242 (AROCLOR 1242)
1.2U	UG/L	PCB-1254 (AROCLOR 1254)
1.2U	UG/L	PCB-1221 (AROCLOR 1221)
1.2U	UG/L	PCB-1232 (AROCLOR 1232)
1.2U	UG/L	PCB-1248 (AROCLOR 1248)
1.2U	UG/L	PCB-1260 (AROCLOR 1260)
1.2U	UG/L	PCB-1016 (AROCLOR 1016)
10U	UG/L	TOXAPHENE
0.10U	UG/L	CHLORDENE /2
0.10U	UG/L	ALPHA-CHLORDENE /2
NA	UG/L	BETA-CHLORDENE /2
NA	UG/L	GAMMA-CHLORDENE /2
0.10U	UG/L	GAMMA-CHLORDANE /2
0.10U	UG/L	TRANS-NONACHLOR /2
0.10U	UG/L	ALPHA-CHLORDANE /2
0.10U	UG/L	CIS-NONACHLOR /2
0.10U	UG/L	OXYCHLORDANE (OCTACHLOREPOXIDE) /2
0.50U	UG/L	METHOXYCHLOR
0.25U	UG/L	ENDRIN KETONE

ıverage value. NA-not analyzed. NAI-interferences. J-estimated value. N-presumptive evidence of presence of material.
ıctual value is known to be less than value given. L-actual value is known to be greater than value given. U-material was analyzed for but not detected. the number is the minimum quantitation limit.
ıc indicates that data unusable. compound may or may not be present. resampling and reanalysis is necessary for verification.
:onfirmed by gcms: 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 5378 FY 2001 Project: 01-0444
PESTICIDES SCAN
Facility: Vienna Street Dump Fort Valley, GA
Program: SF
Id/Station: CNTL /
Media: GROUNDWATER

Produced by: Revells, Lavon
Requestor:
Project Leader: BSTRIGGO
Beginning: 04/25/2001 13:10
Ending:

RESULTS	UNITS	ANALYTE
0.10U	UG/L	ALDRIN
0.10U	UG/L	HEPTACHLOR
0.10U	UG/L	HEPTACHLOR EPOXIDE
0.10U	UG/L	ALPHA-BHC
0.10U	UG/L	BETA-BHC
0.10U	UG/L	GAMMA-BHC (LINDANE)
0.10U	UG/L	DELTA-BHC
0.10U	UG/L	ENDOSULFAN I (ALPHA)
0.10U	UG/L	DIELDRIN
0.25U	UG/L	4,4'-DDT (P,P'-DDT)
0.10U	UG/L	4,4'-DDE (P,P'-DDE)
0.25U	UG/L	4,4'-DDD (P,P'-DDD)
0.25U	UG/L	ENDRIN
0.25U	UG/L	ENDOSULFAN II (BETA)
0.25U	UG/L	ENDOSULFAN SULFATE
1.2U	UG/L	PCB-1242 (AROCLOR 1242)
1.2U	UG/L	PCB-1254 (AROCLOR 1254)
1.2U	UG/L	PCB-1221 (AROCLOR 1221)
1.2U	UG/L	PCB-1232 (AROCLOR 1232)
1.2U	UG/L	PCB-1248 (AROCLOR 1248)
1.2U	UG/L	PCB-1260 (AROCLOR 1260)
1.2U	UG/L	PCB-1016 (AROCLOR 1016)
10U	UG/L	TOXAPHENE
0.10U	UG/L	CHLORDENE /2
0.10U	UG/L	ALPHA-CHLORDENE /2
NA	UG/L	BETA-CHLORDENE /2
NA	UG/L	GAMMA-CHLORDENE /2
0.10U	UG/L	GAMMA-CHLORDANE /2
0.10U	UG/L	TRANS-NONACHLOR /2
0.10U	UG/L	ALPHA-CHLORDANE /2
0.10U	UG/L	CIS-NONACHLOR /2
0.10U	UG/L	OXYCHLORDANE (OCTACHLOREPOXIDE) /2
0.50U	UG/L	METHOXYCHLOR
0.25U	UG/L	ENDRIN KETONE

average value. NA-not analyzed. NAI-interferences. J-estimated value. N-presumptive evidence of presence of material.
actual value is known to be less than value given. L-actual value is known to be greater than value given. U-material was analyzed for but not detected. the number is the minimum quantitation limit.
qc indicates that data unusable. compound may or may not be present. resampling and reanalysis is necessary for verification.
confirmed by gcms: 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 5379 FY 2001 Project: 01-0444
PESTICIDES SCAN
Facility: Vienna Street Dump Fort Valley, GA
Program: SF
Id/Station: TW1 /
Media: GROUNDWATER

Produced by: Revells, Lavon
Requestor:
Project Leader: BSTRIGGO
Beginning: 04/25/2001 15:30
Ending:

RESULTS	UNITS	ANALYTE
0.10U	UG/L	ALDRIN
0.10U	UG/L	HEPTACHLOR
0.10U	UG/L	HEPTACHLOR EPOXIDE
0.043J	UG/L	ALPHA-BHC
0.13U	UG/L	BETA-BHC
0.10U	UG/L	GAMMA-BHC (LINDANE)
0.10U	UG/L	DELTA-BHC
0.10U	UG/L	ENDOSULFAN I (ALPHA)
0.10U	UG/L	DIELDRIN
0.25U	UG/L	4,4'-DDT (P,P'-DDT)
0.10U	UG/L	4,4'-DDE (P,P'-DDE)
0.25U	UG/L	4,4'-DDD (P,P'-DDD)
0.25U	UG/L	ENDRIN
0.25U	UG/L	ENDOSULFAN II (BETA)
0.25U	UG/L	ENDOSULFAN SULFATE
1.2U	UG/L	PCB-1242 (AROCLOR 1242)
1.2U	UG/L	PCB-1254 (AROCLOR 1254)
1.2U	UG/L	PCB-1221 (AROCLOR 1221)
1.2U	UG/L	PCB-1232 (AROCLOR 1232)
1.2U	UG/L	PCB-1248 (AROCLOR 1248)
1.2U	UG/L	PCB-1260 (AROCLOR 1260)
1.2U	UG/L	PCB-1016 (AROCLOR 1016)
10U	UG/L	TOXAPHENE
0.10U	UG/L	CHLORDENE /2
0.10U	UG/L	ALPHA-CHLORDENE /2
NA	UG/L	BETA-CHLORDENE /2
NA	UG/L	GAMMA-CHLORDENE /2
0.10U	UG/L	GAMMA-CHLORDANE /2
0.10U	UG/L	TRANS-NONACHLOR /2
0.10U	UG/L	ALPHA-CHLORDANE /2
0.10U	UG/L	CIS-NONACHLOR /2
0.10U	UG/L	OXYCHLORDANE (OCTACHLOREPOXIDE) /2
0.50U	UG/L	METHOXYCHLOR
0.25U	UG/L	ENDRIN KETONE

-average value. NA-not analyzed. NAI-interferences. J-estimated value. N-presumptive evidence of presence of material.
-actual value is known to be less than value given. L-actual value is known to be greater than value given. U-material was analyzed for but not detected. the number is the minimum quantitation limit.
-qc indicates that data unusable. compound may or may not be present. resampling and reanalysis is necessary for verification.
-confirmed by gcms: 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 5380 FY 2001 Project: 01-0444
PESTICIDES SCAN
Facility: Vienna Street Dump Fort Valley, GA
Program: SF
Id/Station: TW3 /
Media: GROUNDWATER

Produced by: Revells, Lavon
Requestor:
Project Leader: BSTRIGGO
Beginning: 04/25/2001 17:45
Ending:

RESULTS	UNITS	ANALYTE
0.10U	UG/L	ALDRIN
0.10U	UG/L	HEPTACHLOR
0.10U	UG/L	HEPTACHLOR EPOXIDE
0.039J	UG/L	ALPHA-BHC
0.20U	UG/L	BETA-BHC
0.10U	UG/L	GAMMA-BHC (LINDANE)
0.17U	UG/L	DELTA-BHC
0.10U	UG/L	ENDOSULFAN I (ALPHA)
0.051J	UG/L	DIELDRIN
0.25U	UG/L	4,4'-DDT (P,P'-DDT)
0.10U	UG/L	4,4'-DDE (P,P'-DDE)
0.25U	UG/L	4,4'-DDD (P,P'-DDD)
0.25U	UG/L	ENDRIN
0.25U	UG/L	ENDOSULFAN II (BETA)
0.25U	UG/L	ENDOSULFAN SULFATE
1.2U	UG/L	PCB-1242 (AROCLOR 1242)
1.2U	UG/L	PCB-1254 (AROCLOR 1254)
1.2U	UG/L	PCB-1221 (AROCLOR 1221)
1.2U	UG/L	PCB-1232 (AROCLOR 1232)
1.2U	UG/L	PCB-1248 (AROCLOR 1248)
1.2U	UG/L	PCB-1260 (AROCLOR 1260)
1.2U	UG/L	PCB-1016 (AROCLOR 1016)
10U	UG/L	TOXAPHENE
0.10U	UG/L	CHLORDENE /2
0.10U	UG/L	ALPHA-CHLORDENE /2
NA	UG/L	BETA-CHLORDENE /2
NA	UG/L	GAMMA-CHLORDENE /2
0.10U	UG/L	GAMMA-CHLORDANE /2
0.10U	UG/L	TRANS-NONACHLOR /2
0.10U	UG/L	ALPHA-CHLORDANE /2
0.10U	UG/L	CIS-NONACHLOR /2
0.16U	UG/L	OXYCHLORDANE (OCTACHLOREPOXIDE) /2
0.50U	UG/L	METHOXYCHLOR
0.25U	UG/L	ENDRIN KETONE

average value. NA-not analyzed. NAI-interferences. J-estimated value. N-presumptive evidence of presence of material.
actual value is known to be less than value given. L-actual value is known to be greater than value given. U-material was analyzed for but not detected. the number is the minimum quantitation limit.
qc indicates that data unusable. compound may or may not be present. resampling and reanalysis is necessary for verification.
confirmed by gcms: 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 5383 FY 2001 Project: 01-0444
PESTICIDES SCAN
Facility: Vienna Street Dump Fort Valley, GA
Program: SF
Id/Station: CNTLCUT /
Media: SUBSURFACE SOIL (> 12")

Produced by: Revells, Lavon
Requestor:
Project Leader: BSTRIGGO
Beginning: 04/26/2001 15:15
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
21U	UG/KG	ALDRIN
21U	UG/KG	HEPTACHLOR
21U	UG/KG	HEPTACHLOR EPOXIDE
21U	UG/KG	ALPHA-BHC
21U	UG/KG	BETA-BHC
21U	UG/KG	GAMMA-BHC (LINDANE)
21U	UG/KG	DELTA-BHC
21U	UG/KG	ENDOSULFAN I (ALPHA)
21U	UG/KG	DIELDRIN
31U	UG/KG	4,4'-DDT (P,P'-DDT)
21U	UG/KG	4,4'-DDE (P,P'-DDE)
26U	UG/KG	4,4'-DDD (P,P'-DDD)
21U	UG/KG	ENDRIN
21U	UG/KG	ENDOSULFAN II (BETA)
21U	UG/KG	ENDOSULFAN SULFATE
110U	UG/KG	PCB-1242 (AROCLOR 1242)
110U	UG/KG	PCB-1254 (AROCLOR 1254)
110U	UG/KG	PCB-1221 (AROCLOR 1221)
110U	UG/KG	PCB-1232 (AROCLOR 1232)
110U	UG/KG	PCB-1248 (AROCLOR 1248)
110U	UG/KG	PCB-1260 (AROCLOR 1260)
110U	UG/KG	PCB-1016 (AROCLOR 1016)
850U	UG/KG	TOXAPHENE
21U	UG/KG	CHLORDENE /2
21U	UG/KG	ALPHA-CHLORDENE /2
21U	UG/KG	BETA-CHLORDENE /2
21U	UG/KG	GAMMA-CHLORDENE /2
21U	UG/KG	GAMMA-CHLORDANE /2
21U	UG/KG	TRANS-NONACHLOR /2
21U	UG/KG	ALPHA-CHLORDANE /2
21U	UG/KG	CIS-NONACHLOR /2
21U	UG/KG	OXYCHLORDANE (OCTACHLOREPOXIDE) /2
16JN	UG/KG	METHOXYCHLOR
21U	UG/KG	ENDRIN KETONE
15	%	% MOISTURE

ıverage value. NA-not analyzed. NAI-interferences. J-estimated value. N-presumptive evidence of presence of material.
ıctual value is known to be less than value given. L-actual value is known to be greater than value given. U-material was analyzed for but not detected. the number is the minimum quantitation limit.
ıc indicates that data unusable. compound may or may not be present. resampling and reanalysis is necessary for verification.
:onfirmed by gcms: 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 5384 FY 2001 Project: 01-0444

PESTICIDES SCAN

Facility: Vienna Street Dump Fort Valley, GA
Program: SF
Id/Station: TW3CUT /
Media: SUBSURFACE SOIL (> 12")

Produced by: Revells, Lavon
Requestor:
Project Leader: BSTRIGGO
Beginning: 04/26/2001 15:30
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
21U	UG/KG	ALDRIN
21U	UG/KG	HEPTACHLOR
21U	UG/KG	HEPTACHLOR EPOXIDE
21U	UG/KG	ALPHA-BHC
21U	UG/KG	BETA-BHC
21U	UG/KG	GAMMA-BHC (LINDANE)
21U	UG/KG	DELTA-BHC
21U	UG/KG	ENDOSULFAN I (ALPHA)
21U	UG/KG	DIELDRIN
38U	UG/KG	4,4'-DDT (P,P'-DDT)
21U	UG/KG	4,4'-DDE (P,P'-DDE)
21U	UG/KG	4,4'-DDD (P,P'-DDD)
21U	UG/KG	ENDRIN
21U	UG/KG	ENDOSULFAN II (BETA)
21U	UG/KG	ENDOSULFAN SULFATE
100U	UG/KG	PCB-1242 (AROCLOR 1242)
100U	UG/KG	PCB-1254 (AROCLOR 1254)
100U	UG/KG	PCB-1221 (AROCLOR 1221)
100U	UG/KG	PCB-1232 (AROCLOR 1232)
100U	UG/KG	PCB-1248 (AROCLOR 1248)
100U	UG/KG	PCB-1260 (AROCLOR 1260)
100U	UG/KG	PCB-1016 (AROCLOR 1016)
830U	UG/KG	TOXAPHENE
21U	UG/KG	CHLORDENE /2
21U	UG/KG	ALPHA-CHLORDENE /2
21U	UG/KG	BETA-CHLORDENE /2
21U	UG/KG	GAMMA-CHLORDENE /2
21U	UG/KG	GAMMA-CHLORDANE /2
21U	UG/KG	TRANS-NONACHLOR /2
21U	UG/KG	ALPHA-CHLORDANE /2
21U	UG/KG	CIS-NONACHLOR /2
21U	UG/KG	OXYCHLORDANE (OCTACHLOREPOXIDE) /2
42U	UG/KG	METHOXYCHLOR
23U	UG/KG	ENDRIN KETONE
12	%	% MOISTURE

average value. NA-not analyzed. NAI-interferences. J-estimated value. N-presumptive evidence of presence of material.
actual value is known to be less than value given. L-actual value is known to be greater than value given. U-material was analyzed for but not detected. the number is the minimum quantitation limit.
qc indicates that data unusable. compound may or may not be present. resampling and reanalysis is necessary for verification.
confirmed by gcms: 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 5385 FY 2001 Project: 01-0444
PESTICIDES SCAN
Facility: Vienna Street Dump Fort Valley, GA
Program: SF
Id/Station: TW1CUT /
Media: SUBSURFACE SOIL (> 12")

Produced by: Revells, Lavon
Requestor:
Project Leader: BSTRIGGO
Beginning: 04/26/2001 15:50
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
23U	UG/KG	ALDRIN
23U	UG/KG	HEPTACHLOR
23U	UG/KG	HEPTACHLOR EPOXIDE
23U	UG/KG	ALPHA-BHC
23U	UG/KG	BETA-BHC
23U	UG/KG	GAMMA-BHC (LINDANE)
23U	UG/KG	DELTA-BHC
23U	UG/KG	ENDOSULFAN I (ALPHA)
23U	UG/KG	DIELDRIN
23U	UG/KG	4,4'-DDT (P,P'-DDT)
23U	UG/KG	4,4'-DDE (P,P'-DDE)
23U	UG/KG	4,4'-DDD (P,P'-DDD)
23U	UG/KG	ENDRIN
23U	UG/KG	ENDOSULFAN II (BETA)
23U	UG/KG	ENDOSULFAN SULFATE
120U	UG/KG	PCB-1242 (AROCLOR 1242)
120U	UG/KG	PCB-1254 (AROCLOR 1254)
120U	UG/KG	PCB-1221 (AROCLOR 1221)
120U	UG/KG	PCB-1232 (AROCLOR 1232)
120U	UG/KG	PCB-1248 (AROCLOR 1248)
120U	UG/KG	PCB-1260 (AROCLOR 1260)
120U	UG/KG	PCB-1016 (AROCLOR 1016)
940U	UG/KG	TOXAPHENE
23U	UG/KG	CHLORDENE /2
23U	UG/KG	ALPHA-CHLORDENE /2
23U	UG/KG	BETA-CHLORDENE /2
23U	UG/KG	GAMMA-CHLORDENE /2
23U	UG/KG	GAMMA-CHLORDANE /2
23U	UG/KG	TRANS-NONACHLOR /2
23U	UG/KG	ALPHA-CHLORDANE /2
23U	UG/KG	CIS-NONACHLOR /2
23U	UG/KG	OXYCHLORDANE (OCTACHLOREPOXIDE) /2
47U	UG/KG	METHOXYCHLOR
26U	UG/KG	ENDRIN KETONE
21	%	% MOISTURE

average value. NA-not analyzed. NAI-interferences. J-estimated value. N-presumptive evidence of presence of material.
actual value is known to be less than value given. L-actual value is known to be greater than value given. U-material was analyzed for but not detected. the number is the minimum quantitation limit.
qc indicates that data unusable. compound may or may not be present. resampling and reanalysis is necessary for verification.
confirmed by gcms: 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4

Science and Ecosystem Support Division
980 College Station Road
Athens, Georgia 30605-2720

MEMORANDUM

Date: 05/23/2001

Subject: Results of METALS Sample Analysis
01-0444 Vienna Street Dump
Fort Valley, GA

From: Wasko, Mike

To: Striggow.Brian

Thru: Scifres, Jenny
Chief, Inorganic Chemistry Section
Analytical Support Branch

Attached are the results of analysis of samples collected as part of the subject project. If you have any questions, please contact me.

ATTACHMENT

Sample 5377 FY 2001 Project: 01-0444

METALS SCAN

Facility: Vienna Street Dump Fort Valley, GA

Program: SF

Id/Station: BKGD /

Media: GROUNDWATER

Produced by: Wasko, Mike

Requestor:

Project Leader: BSTRIGGO

Beginning: 04/25/2001 10:38

Ending:

RESULTS	UNITS	ANALYTE
5.0U	UG/L	SILVER
2.0U	UG/L	ARSENIC
NA	UG/L	BORON
26A	UG/L	BARIUM
3.0U	UG/L	BERYLLIUM
0.50U	UG/L	CADMIUM
5.0U	UG/L	COBALT
5.0U	UG/L	CHROMIUM
20U	UG/L	COPPER
5.0U	UG/L	MOLYBDENUM
10U	UG/L	NICKEL
1.0U	UG/L	LEAD
1.0U	UG/L	ANTIMONY
2.0U	UG/L	SELENIUM
25U	UG/L	TIN
7.9A	UG/L	STRONTIUM
NA	UG/L	TELLURIUM
10U	UG/L	TITANIUM
0.50U	UG/L	THALLIUM
5.0U	UG/L	VANADIUM
4.7A	UG/L	YTTRIUM
16AJ	UG/L	ZINC
NA	UG/L	ZIRCONIUM
0.20U	UG/L	TOTAL MERCURY
120A	UG/L	ALUMINUM
10U	UG/L	MANGANESE
0.65A	MG/L	CALCIUM
0.82A	MG/L	MAGNESIUM
0.50U	MG/L	IRON
2.3A	MG/L	SODIUM
2.0U	MG/L	POTASSIUM

ATRIX PRECISION OUTSIDE METHOD CONTROL LIMITS FOR ZN.

average value. NA-not analyzed. NAI-interferences. J-estimated value. N-presumptive evidence of presence of material.
actual value is known to be less than value given. L-actual value is known to be greater than value given. U-material was analyzed for but not detected. the number is the minimum quantitation limit.
c indicates that data unusable. compound may or may not be present. resampling and reanalysis is necessary for verification.

Sample 5378 FY 2001 Project: 01-0444

METALS SCAN

Facility: Vienna Street Dump Fort Valley, GA

Program: SF

Id/Station: CNTL /

Media: GROUNDWATER

Produced by: Wasko, Mike

Requestor:

Project Leader: BSTRIGGO

Beginning: 04/25/2001 13:10

Ending:

RESULTS	UNITS	ANALYTE
5.0U	UG/L	SILVER
1.0U	UG/L	ARSENIC
NA	UG/L	BORON
67	UG/L	BARIUM
3.0U	UG/L	BERYLLIUM
0.50U	UG/L	CADMIUM
5.0U	UG/L	COBALT
200	UG/L	CHROMIUM
20U	UG/L	COPPER
5.0U	UG/L	MOLYBDENUM
230	UG/L	NICKEL
4.2	UG/L	LEAD
1.0U	UG/L	ANTIMONY
2.0U	UG/L	SELENIUM
25U	UG/L	TIN
99	UG/L	STRONTIUM
NA	UG/L	TELLURIUM
53	UG/L	TITANIUM
0.50U	UG/L	THALLIUM
12	UG/L	VANADIUM
14	UG/L	YTTRIUM
63	UG/L	ZINC
NA	UG/L	ZIRCONIUM
0.20U	UG/L	TOTAL MERCURY
2300	UG/L	ALUMINUM
100	UG/L	MANGANESE
23	MG/L	CALCIUM
2.8	MG/L	MAGNESIUM
5.2	MG/L	IRON
5.4	MG/L	SODIUM
4.3	MG/L	POTASSIUM

ıverage value. NA-not analyzed. NAI-interferences. J-estimated value. N-presumptive evidence of presence of material.
ıctual value is known to be less than value given. L-actual value is known to be greater than value given. U-material was analyzed for but not detected. the number is the minimum quantitation limit.
ıc indicates that data unusable. compound may or may not be present. resampling and reanalysis is necessary for verification.

Sample 5379 FY 2001 Project: 01-0444

METALS SCAN

Facility: Vienna Street Dump Fort Valley, GA

Program: SF

Id/Station: TW1 /

Media: GROUNDWATER

Produced by: Wasko, Mike

Requestor:

Project Leader: BSTRIGGO

Beginning: 04/25/2001 15:30

Ending:

RESULTS	UNITS	ANALYTE
5.0U	UG/L	SILVER
19	UG/L	ARSENIC
NA	UG/L	BORON
38	UG/L	BARIUM
3.0U	UG/L	BERYLLIUM
0.62	UG/L	CADMIUM
5.0U	UG/L	COBALT
130	UG/L	CHROMIUM
72	UG/L	COPPER
7.1	UG/L	MOLYBDENUM
70	UG/L	NICKEL
48	UG/L	LEAD
1.0U	UG/L	ANTIMONY
11	UG/L	SELENIUM
25U	UG/L	TIN
46	UG/L	STRONTIUM
NA	UG/L	TELLURIUM
370	UG/L	TITANIUM
1.2	UG/L	THALLIUM
220	UG/L	VANADIUM
48	UG/L	YTTRIUM
210	UG/L	ZINC
NA	UG/L	ZIRCONIUM
0.20U	UG/L	TOTAL MERCURY
23000	UG/L	ALUMINUM
320	UG/L	MANGANESE
9.0	MG/L	CALCIUM
2.7	MG/L	MAGNESIUM
120	MG/L	IRON
32	MG/L	SODIUM
6.3	MG/L	POTASSIUM

ESENCE OF THALLIUM VERIFIED BY DIRECT ANALYSIS OF UNDIGESTED SAMPLE

/erage value. NA-not analyzed. NAI-interferences. J-estimated value. N-presumptive evidence of presence of material.
:tual value is known to be less than value given. L-actual value is known to be greater than value given. U-material was analyzed for but not detected. the number is the minimum quantitation limit.
: indicates that data unusable. compound may or may not be present. resampling and reanalysis is necessary for verification.

Sample 5380 FY 2001 Project: 01-0444

METALS SCAN

Facility: Vienna Street Dump Fort Valley, GA

Program: SF

Id/Station: TW3 /

Media: GROUNDWATER

Produced by: Wasko, Mike

Requestor:

Project Leader: BSTRIGGO

Beginning: 04/25/2001 17:45

Ending:

RESULTS	UNITS	ANALYTE
5.0U	UG/L	SILVER
19	UG/L	ARSENIC
NA	UG/L	BORON
210	UG/L	BARIUM
3.0U	UG/L	BERYLLIUM
0.74	UG/L	CADMIUM
12	UG/L	COBALT
40	UG/L	CHROMIUM
20U	UG/L	COPPER
35	UG/L	MOLYBDENUM
22	UG/L	NICKEL
12	UG/L	LEAD
1.0U	UG/L	ANTIMONY
4.3	UG/L	SELENIUM
25U	UG/L	TIN
210	UG/L	STRONTIUM
NA	UG/L	TELLURIUM
110	UG/L	TITANIUM
0.50U	UG/L	THALLIUM
61	UG/L	VANADIUM
93	UG/L	YTTRIUM
57	UG/L	ZINC
NA	UG/L	ZIRCONIUM
0.20U	UG/L	TOTAL MERCURY
4400	UG/L	ALUMINUM
840	UG/L	MANGANESE
22	MG/L	CALCIUM
9.5	MG/L	MAGNESIUM
29	MG/L	IRON
29	MG/L	SODIUM
4.5	MG/L	POTASSIUM

-average value. NA-not analyzed. NAI-interferences. J-estimated value. N-presumptive evidence of presence of material.
-actual value is known to be less than value given. L-actual value is known to be greater than value given. U-material was analyzed for but not detected. the number is the minimum quantitation limit.
-qc indicates that data unusable. compound may or may not be present. resampling and reanalysis is necessary for verification.

Sample 5383 FY 2001 Project: 01-0444

METALS SCAN

Facility: Vienna Street Dump Fort Valley, GA

Program: SF

Id/Station: CNTLCUT /

Media: SUBSURFACE SOIL (> 12")

Produced by: Wasko, Mike

Requestor:

Project Leader: BSTRIGGO

Beginning: 04/26/2001 15:15

Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
0.50U	MG/KG	SILVER
1.0A	MG/KG	ARSENIC
NA	MG/KG	BORON
5.6A	MG/KG	BARIUM
0.30U	MG/KG	BERYLLIUM
0.099U	MG/KG	CADMIUM
0.62A	MG/KG	COBALT
5.0A	MG/KG	CHROMIUM
2.9A	MG/KG	COPPER
0.50U	MG/KG	MOLYBDENUM
2.1A	MG/KG	NICKEL
5.2A	MG/KG	LEAD
0.099UJ	MG/KG	ANTIMONY
0.40U	MG/KG	SELENIUM
2.5U	MG/KG	TIN
0.62A	MG/KG	STRONTIUM
NA	MG/KG	TELLURIUM
22A	MG/KG	TITANIUM
0.099U	MG/KG	THALLIUM
13A	MG/KG	VANADIUM
4.5A	MG/KG	YTTRIUM
22A	MG/KG	ZINC
NA	MG/KG	ZIRCONIUM
0.048U	MG/KG	TOTAL MERCURY
1100A	MG/KG	ALUMINUM
36A	MG/KG	MANGANESE
95A	MG/KG	CALCIUM
50U	MG/KG	MAGNESIUM
4600A	MG/KG	IRON
200U	MG/KG	SODIUM
200U	MG/KG	POTASSIUM
17	%	% MOISTURE

TRIX SPIKE RECOVERY OUT OF CONTROL LIMITS FOR SB

verage value. NA-not analyzed. NAI-interferences. J-estimated value. N-presumptive evidence of presence of material.
ctual value is known to be less than value given. L-actual value is known to be greater than value given. U-material was analyzed for but not detected. the number is the minimum quantitation limit.
c indicates that data unusable. compound may or may not be present. resampling and reanalysis is necessary for verification.

Sample 5385 FY 2001 Project: 01-0444

METALS SCAN

Facility: Vienna Street Dump Fort Valley, GA

Program: SF

Id/Station: TW1CUT /

Media: SUBSURFACE SOIL (> 12")

Produced by: Wasko, Mike

Requestor:

Project Leader: BSTRIGGO

Beginning: 04/26/2001 15:50

Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
0.50U	MG/KG	SILVER
1.2	MG/KG	ARSENIC
NA	MG/KG	BORON
4.8	MG/KG	BARIUM
0.30U	MG/KG	BERYLLIUM
0.10U	MG/KG	CADMIUM
0.64	MG/KG	COBALT
10	MG/KG	CHROMIUM
5.8	MG/KG	COPPER
0.50U	MG/KG	MOLYBDENUM
1.6	MG/KG	NICKEL
5.2	MG/KG	LEAD
0.10U	MG/KG	ANTIMONY
0.40U	MG/KG	SELENIUM
2.5U	MG/KG	TIN
0.69	MG/KG	STRONTIUM
NA	MG/KG	TELLURIUM
26	MG/KG	TITANIUM
0.10U	MG/KG	THALLIUM
18	MG/KG	VANADIUM
9.6	MG/KG	YTTRIUM
23	MG/KG	ZINC
NA	MG/KG	ZIRCONIUM
0.050U	MG/KG	TOTAL MERCURY
2200	MG/KG	ALUMINUM
28	MG/KG	MANGANESE
90	MG/KG	CALCIUM
50U	MG/KG	MAGNESIUM
6500	MG/KG	IRON
200U	MG/KG	SODIUM
200U	MG/KG	POTASSIUM
22A	%	% MOISTURE

ıverage value. NA-not analyzed. NAI-interferences. J-estimated value. N-presumptive evidence of presence of material.
ıctual value is known to be less than value given. L-actual value is known to be greater than value given. U-material was analyzed for but not detected. the number is the minimum quantitation limit.
ıc indicates that data unusable. compound may or may not be present. resampling and reanalysis is necessary for verification.

Sample 5381 FY 2001 Project: 01-0444

METALS SCAN

Facility: Vienna Street Dump Fort Valley, GA

Program: SF

Id/Station: QA-PB1 /

Media: PRESERVATIVE BLANK

Produced by: Wasko, Mike

Requestor:

Project Leader: BSTRIGGO

Beginning: 04/25/2001 18:00

Ending:

RESULTS	UNITS	ANALYTE
5.0U	UG/L	SILVER
2.0U	UG/L	ARSENIC
NA	UG/L	BORON
5.0U	UG/L	BARIUM
3.0U	UG/L	BERYLLIUM
0.50U	UG/L	CADMIUM
5.0U	UG/L	COBALT
5.0U	UG/L	CHROMIUM
20U	UG/L	COPPER
5.0U	UG/L	MOLYBDENUM
10U	UG/L	NICKEL
0.50U	UG/L	LEAD
1.0U	UG/L	ANTIMONY
2.0U	UG/L	SELENIUM
25U	UG/L	TIN
5.0U	UG/L	STRONTIUM
NA	UG/L	TELLURIUM
10U	UG/L	TITANIUM
0.50U	UG/L	THALLIUM
5.0U	UG/L	VANADIUM
3.0U	UG/L	YTTRIUM
10U	UG/L	ZINC
NA	UG/L	ZIRCONIUM
0.20U	UG/L	TOTAL MERCURY
100U	UG/L	ALUMINUM
10U	UG/L	MANGANESE
0.50U	MG/L	CALCIUM
0.50U	MG/L	MAGNESIUM
0.50U	MG/L	IRON
2.0U	MG/L	SODIUM
2.0U	MG/L	POTASSIUM

verage value. NA-not analyzed. NAI-interferences. J-estimated value. N-presumptive evidence of presence of material.
ctual value is known to be less than value given. L-actual value is known to be greater than value given. U-material was analyzed for but not detected. the number is the minimum quantitation limit.
jc indicates that data unusable. compound may or may not be present. resampling and reanalysis is necessary for verification.

CERCLA ELIGIBILITY QUESTIONNAIRE

Site Name: Vienna Street Dump
City, County: Ft. Valley, Peach County State: Georgia
EPA ID No.: GAD000048934

I. CERCLA ELIGIBILITY	Yes	No
Did the facility cease operations prior to November 19, 1980?	X	

If "Yes," STOP, facility is probably a CERCLA site.
If "No," continue to Part II.

II. RCRA ELIGIBILITY	Yes	No
Did the facility file a Part A application?		X
If "Yes":		
#1 Does the facility currently have interim status?		
#2 Did the facility withdraw its Part A application?		
#3 Is the facility a known or possible protective filer? (facility filed in error)		
#4 Type of facility:		
_____ Generator _____ Transporter		
_____ Recycler _____ Treatment/Storage/Disposal (TSD)		
Does the facility have a RCRA operating or post closure permit?		X
Is the facility a late (after 11/19/80) or non-filer that has been identified by the EPA or the State? (facility did not know it needed to file under RCRA)		

If all answers to questions in Part II are "No," STOP, the facility is a CERCLA eligible site.

If answer to #2 or #3 is "Yes," STOP, the facility is a CERCLA eligible site.

If answer to #2 and #3 are "No," and any other answer is "Yes," site is RCRA. Continue to Part III.

III. RCRA SITES ELIGIBLE FOR NPL	Yes	No
Has facility owner filed for bankruptcy under federal or state laws?		
Has the facility lost RCRA authorization to operate or shown probable unwillingness to carry out corrective action?		
Is the facility a TSD that converted to a generator, transporter, or recycler facility after November 19, 1980?		