December 21, 2007

Bill Wieringa
Indiana Brownfields Program
100 N. Senate Avenue
IGCN, Room 1275
Indianapolis, Indiana 46204-2260

Subject: **City of La Porte Verma Property**
Supplemental Site Investigation Report and Remediation Work Plan

Dear Mr. Wieringa:

Enclosed are two (2) hard copies and one (1) disk of the City of La Porte Verma Property Supplemental Site Investigation Report (SSIR) and Remediation Work Plan (RWP).

The objective of the SSIR and RWP is to obtain closure through a Comfort Letter issued by the Indiana Brownfields Program (IBP). The SSIR and RWP also include the investigation and proposed remediation of a 1992 Resource Conservation and Recovery Act (RCRA) violation in two former indoor container storage areas.

No further action is warranted at the property, based on the conclusions of the report, other than an engineered barrier and activity restrictions, which will be implemented during the redevelopment of the property. An Environmental Restrictive Covenant (ERC) will be attached to the deed when the proposed engineered barrier and restrictions are in place. Additional options are presented for excavation and disposal of soils if the engineered barrier is not acceptable.

The City of La Porte, therefore, requests that IBP issue a Comfort Letter for the Verma Property, recognizing that the proposed engineered barrier and activity restrictions would be adequate for achieving the final closure of the property. The City also requests that the IDEM issue a No Further Action letter for the 1992 RCRA violation.

Should you have any questions please feel free to call me at (312) 697-7236.

Sincerely,

Sarah Rubin
Project Geologist

cc: Mary Jane Thomas, City of La Porte

Enclosures

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SUPPLEMENTAL SITE INVESTIGATION REPORT
REMEDIATION WORK PLAN

VERMA PROPERTY
LA PORTE, INDIANA

Prepared for
City of La Porte
801 Michigan Avenue
LaPorte, Indiana 46350

December 2007

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EXECUTIVE SUMMARY

URS Corporation (URS), on behalf of the City of La Porte, has performed a supplemental site investigation of the Verma Property located at 402 Truesdell Avenue in La Porte County, Indiana (the Site). The address is also known as 27 Pine Lake Avenue. The Site Location Map is provided in **Figure 1**. This Site is within the La Porte Center Brownfield Redevelopment Area. This work was conducted under an Indiana Finance Authority (IFA) Stipulated Assessment Grant (SAG). The objective of this Site investigation is to obtain a Comfort Letter from the Indiana Brownfields Program.

Phase I Environmental Site Assessment (ESA) - 2001

In 2001 URS performed a Phase I ESA under a United States Environmental Protection Agency (USEPA) Brownfields Assessment Grant (BAG). The Phase I identified the following recognized environmental conditions (RECs):

- Allis Chalmers historically utilized the Property for manufacturing farm implements such as tractors. Chemical and waste handling practices may have impacted the Property. Specific areas of concern are listed below:
  - Areas within the Property were formerly used as a brass foundry, chemical laboratory, machine shop, and paint booth;
  - Fill material, consisting of foundry sand, has been placed in the northeast portion of the Property;
  - Waste solvents were mixed with fuel oil and stored in a 200,000-gallon AST located on the southeast corner of the Property; and
  - Historical plans identified two paint storage areas, a paint line, five transformers, and an oil and brine pit on the Property.
- The Property was investigated under the CERCLA program in the early to mid-1990s. On-Site sampling revealed the presence of volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), pesticides, polychlorinated biphenyls (PCBs), and metals in soil and pond sediments at levels of concern.
- Erincraft, a former tenant of the Property, has been inspected by several regulatory agencies and cited with numerous violations due to hazardous waste violations. Specific areas of concern include the following:
  - Erincraft personnel were reportedly dumping hazardous waste near the railroad track along the northwest corner of the Property;
  - Approximately 300, 55-gallon drums containing waste paint, solvents, and oil from off-Site facilities were stored in the south portion of the Property building;
  - These drums were reportedly “consolidated” and no documentation was provided regarding the final disposition of the materials; and

  - PCB-containing transformers were stored at the Property until 2001. One of the transformers leaked and the spill area had to be decontaminated and the transformers/spilled materials removed.

- Railroad spurs were formerly located within the Property. Since the railroad served nearby industrial properties and may have carried hazardous materials/petroleum products as cargo, there is a potential for historic spills along the railroad. In addition, coatings, such as creosote, on railroad ties and the use of herbicides containing potentially hazardous constituents, such as arsenic and cyanide, may have leached into subsurface soil and groundwater.
- Wood block flooring was located throughout the building. This type of flooring may need to be disposed as special waste due to the presence of either spilled hazardous materials or coatings, such as creosote, that were placed on the flooring.
- URS observed two areas of debris with potential asbestos-containing materials (ACM). Transite was observed in a debris pile on the south central portion of the Property. A cloth-like material was observed in a debris pile on the northeast portion of the Property.
- Rusted-out and partially buried drums were located within and along the west pond. Historical aerial photographs indicated the potential for the ponds to have been used for disposal of materials. In addition, interior floor drains and storm drains reportedly discharged to the ponds.

Phase II Site Investigation - 2002

URS performed a Phase II ESA in 2002 including: advancement of six borings (VPBH03 to VPBH08), installation of four monitoring wells (VPMW1 to VPMW4), and collection of two composite sediment samples from each pond located on the property. The Site Investigation Report for the City of La Porte Properties presented the following conclusions for the Verma property investigation conducted in 2002:

- Petroleum-like materials were found in three borings within the aboveground storage tank (AST) and drum storage areas. Metal exceedances were found across the Property. Significant levels of elevated lead and chromium, as well as low levels of elevated trichloroethylene (TCE), polycyclic aromatic hydrocarbons (PAHs), and pesticides were found in soil near the drum storage area. Significant levels of lead, chromium, and arsenic were found at the foundry sand disposal area. Elevated arsenic and lead were found in two composite sediment samples collected from the east pond and just beyond the eastern boundary during historical investigations. Significant levels of lead were found in the sediment samples. Asbestos was found to be present within debris remaining from the building demolition.

Supplemental Site Investigation - 2007

A workplan for the SAG was prepared and approved by the Indiana Brownfields Program (IBP) prior to field work. The workplan addressed the nature and extent of exceedances from the 2002 investigation and additional borings in areas not covered by the 2002 investigation.

In addition, an outstanding Resource Conservation and Recovery Act (RCRA) violation was investigated under this scope of work.

This supplemental Site investigation was performed from July 9 to July 17, 2007 in key areas of environmental concern based on the prior Phase I Environmental Site Assessment (ESA) and the results of previous subsurface investigations at the Verma property. The investigation was performed with the Site's exit strategy in mind, and the objective to obtain sufficient information regarding the subject property to identify costs to remediate the property for commercial use.

The supplemental investigation involved advancement of 26 borings and collection of six sediment samples.

Summary of Results and Conclusions

The analytical results from the soil samples collected during the supplemental investigation were compared to the Indiana Risk Integrated System of Closure (RISC) industrial default closure levels (DCLs). The following constituents exceeded industrial DCLs in soil:

- The VOCs trichloroethene and benzene exceeded the industrial DCL for the migration to groundwater pathway in an area previously not investigated.
- The SVOCs benzo(a)pyrene, dibenz(a,h)anthracene and indeno(1,2,3-cd)pyrene exceeded migration to groundwater and direct exposure industrial DCLs.
- The metals arsenic and lead exceeded industrial DCLs. Elevated levels of arsenic were found throughout the Site exceeding both the migration to groundwater DCL and the direct exposure DCL. Lead concentrations which exceed industrial DCLs for all pathways including migration to groundwater, construction worker, and direct exposure were found in three locations on the north side of the property.

Sediment samples were collected in the approximate locations where previous composite sediment samples were collected. The locations were selected based on an elevated lead concentration of 3,155 mg/kg found in composite sediment sample SD02-01 from a previous investigation conducted by Roy F. Weston. The samples were analyzed for SVOCs and metals, but were not compared to industrial DCLs, because RISC does not address sediments.

Groundwater was not included as part of the supplemental investigation, however it was included in the 2002 Phase II investigation. VOCs, SVOCs, and PCBs did not exceed residential or industrial DCLs. The following metals exceeded residential and in some cases industrial DCLs also: arsenic, beryllium, cadmium, chromium, lead, thallium, zinc and mercury.

The following conclusions have been made based on the results for the Phase II and the supplemental investigations:

- An Environmental Restrictive Covenant (ERC) will be attached to the deed to restrict the Site to commercial/industrial uses;
- An ERC will be attached to the deed to restrict the use of groundwater on Site since VOCs, SVOCs, and metals exceed the soil migration to groundwater pathway and the groundwater DCLs;
- Health and safety precautions must be taken when work is being conducted in the locations with concentrations of lead exceeding the construction worker pathway. The ERC attachment to the deed will also identify areas where a construction worker protection plan must be used.
- There are four proposed alternatives for mitigating areas with the direct exposure pathway exceedances:
  - The first alternative is to require an engineered barrier over the locations with PAH, arsenic, or lead soil direct exposure exceedances. Barriers could include a low-permeability clay cap, an asphalt parking lot, three feet (ft) of clean soil, or a building foundation.
  - The second alternative is to remove and properly dispose of the soil exceeding the soil direct DCLs. The soils exceeding the lead soil direct exposure DCL will likely need to be disposed as hazardous waste. The soils with arsenic and PAH soil direct DCL exceedances would likely be disposed as special waste. The excavations would be backfilled with clean soil.
  - The third alternative is to add a soil stabilization agent in place to minimize leaching of soils with the lead soil direct DCL exceedances, then remove that soil, transport the soil to a special waste landfill, and backfill the excavation with clean soil. The soils with arsenic and PAH soil direct DCL exceedances could be excavated and disposed as special waste and backfilled with clean soil.

    A pilot study is recommended with this alternative to verify stabilization can be achieved so the soils are acceptable as a special waste at a landfill. URS also recommends refining the delineation around boring VPBH-21 to efficiently size the remediation area.
  - A fourth alternative is to add a soil stabilization agent in place to minimize leaching in the areas with the lead soil direct DCL exceedances, remove the soil, transport the soil to a special waste landfill, and backfill with clean soil. The remaining areas with PAH and arsenic soil direct exceedances could be addressed with an engineered barrier.

1.0 INTRODUCTION

1.1 Project Objective

URS Corporation (URS), on behalf of the City of LaPorte, has performed a supplemental site investigation of the Verma Property located at 402 Truesdell Avenue in LaPorte County, Indiana (the Site). The Site address is also known as 27 Pine Lake Avenue. The Site Location Map is provided in **Figure 1**. This Site is within the LaPorte Center Brownfield Redevelopment Area. This work was conducted under an Indiana Finance Authority (IFA) Stipulated Assessment Grant (SAG). The Indiana Brownfields Program (IBP) oversees the project and will issue a Comfort Letter once the work is complete. IDEM Resource Conservation and Recovery Act (RCRA) division has delegated oversight of a violation in two former indoor container storage areas in 1992 during a Site inspection to the IBP. The violation was never closed. The history of the violation is discussed in **Section 3** in further detail. IDEM RCRA division determined that if the indoor container storage areas are investigated and delineated during the supplemental investigation and the IBP issues the City of La Porte a Comfort Letter to attach to the deed for the Site, the violation will be closed.

The supplemental Site investigation was performed to delineate areas where previous soil exceedances were found based on the results from prior subsurface investigations, investigate areas of the property not previously investigated, and investigate the former indoor drum storage area where the RCRA violation occurred in 1992. The investigation was performed with the Site's exit strategy in mind, and the objective to obtain sufficient information to identify remedial alternatives to make the Site suitable for commercial use.

1.2 Background

A Phase I Environmental Site Assessment (ESA) was performed for the Site and is summarized in **Section 3** of this report. A Phase II Investigation was conducted to evaluate the nature and extent of potentially impacted soils and groundwater based on the findings of the Phase I ESA. The Phase II investigation is also summarized in **Section 3** of this report.

2.0 SITE HISTORY AND DESCRIPTION

2.1 Site Location

The Verma Property is located at 402 Truesdell Avenue in La Porte, Indiana, La Porte County Indiana. The Site address is also known as 27 Pine Lake Avenue. The Site is generally located in Sections 26 and 35, Township 37 North, Range 3 West of the Second Principal Meridian in LaPorte County, Indiana.

See **Figure 1** for the Site Location Map. The Site Location Map was extracted from the following USGS 7.5 Minute Series Quadrangle Maps: 1974 (revised 1991) LaPorte East – IN; the 1969 LaPorte West – IN; the 1969 (photorevised 1980) Michigan City East – IN; and the 1958 (photorevised 1980) Springville – IN.

2.2 Site Description and Historical Use

The Site consists of an irregular-shaped parcel of land encompassing approximately 30 acres. The Site formerly had a triangular-shaped industrial building encompassing approximately 250,000 square feet. At the time of the Phase I ESA there was a small office area located at the north end of the building. The majority of the building consisted of vacant manufacturing areas. A paint line was located in the western portion of the building. A machine shop was located in the south central portion of the building. Two ponds were located on the eastern portion of the Site. The remainder of the Site was vegetated, paved, or consisted of foundations associated with former property buildings.

An oil-pull tractor manufacturing plant (Advance Rumely or Allis Chalmers) occupied the Property from approximately 1912 to 1986. Operations by Allis Chalmers ceased at the property in 1983, but Allis Chalmers maintained ownership until 1986 when the Site was sold to the Verma family. The Verma family owned both Erincraft Inc. and ElectraTek. Erincraft, Inc./ElectraTek, manufacturers of office furniture and electric baseboard/space heaters, respectively, occupied the Property from 1986 to 1990.

Per a conversation with Ms. Mary Jane Thomas, City of La Porte Director of Community Development and Planning, the City of La Porte issued the Verma property an Order in 1990 because a smoke stack located on the property was falling onto the neighboring Basso Property. In 1990, the day before the hearing, ownership of the portion of the Verma property on which the power house and smoke stack were located was transferred to another member of the Verma family. Manufacturing operations of the Vermas continued on other portions of the property.

In January 1993, IDEM issued a Notice of Violation (NOV) to Erincraft Inc. for several violations observed during an IDEM inspection in 1992 including failure to report the Site as a hazardous waste facility and receiving hazardous waste generated off Site. This violation was never resolved and is being addressed as part of this investigation.

In November 1997, IDEM issued an NOV to ElectraTek for several violations including the improper storage and labeling of hazardous material, receiving hazardous material from off Site, and other issues. The drums were disposed properly and the pad was cleaned until it met IDEM criteria. This violation was closed through a letter issued by IDEM dated July 2001.

In December 2006 the City of La Porte took possession of the property through eminent domain.

2.3 Environmental Setting

2.3.1 Geology

The Site is located in the northern portion of LaPorte County, Indiana. According to a previous subsurface investigation prepared for the AC-Trust Property (Fountainhead, 2001), the Property is underlain by 250 feet of unconsolidated Pleistocene-age glacial deposits in the Kankakee Outwash and Lacustrine Plain provinces. The bedrock is comprised of Devonian and Mississippian-age Antrim and Ellsworth Shales. The adjacent properties (i.e., the Verma Property and others) are expected to have similar features. The Site is at an approximate elevation of 800 - 850 feet above mean sea level (MSL).

The surficial geology of the Site consists of clayey sand /sandy clay fill or topsoil that is underlain by fine grained sand. The fill, typically present at depths ranging from 0.0 to 12.0 feet below ground surface (bgs) and composed of foundry sands and clays, was used to bring the Site back to grade. A soft, gray clay seam was encountered beneath the sand layer in some borings on the Site. The clay seam was not uniform and was present at depths ranging from 8 to 18 feet bgs. Bedrock was not encountered in the borings.

2.3.2 Hydrogeology

Natural groundwater flow generally parallels areas of higher surface elevation to lower elevations and toward the nearest surface water body. Several lakes, Clear Lake to the east, Lily Lake to the south, Stone Lake to the southwest, and Pine Lake to the west, are located within 1,500 feet from the Site. Surface water drainage on the Site is expected to percolate into Site soils or flow over the surface into low-lying ponded areas observed on Site.

Potable water at the Site is provided by the City of LaPorte, which derives its water from municipal wells. The groundwater from the Site is being drawn south and east, in the direction of the municipal wells, which are located 3000 feet south/southwest and 4 miles east of the Site.

Based on the previous subsurface investigation, the flow direction for groundwater at the north end of the properties (City of LaPorte, AC-Trust) shows a slight gradient to the east and south. Previous subsurface investigations on the Verma Property have indicated the presence of groundwater from 5.5 to 7.5 feet.

A water well search on the Indiana Department of Natural Resources – Division of Water (INDR-DOW) website revealed thirty-three (33) wells within Township 37 North, Range 3 West, Sections 26 and 35. The water well search is included as **Appendix A**.

2.3.3 Current and Future Land Use

The current land use of the property is a vacant lot with piles of construction debris from demolishing the building. The future land use of the property is anticipated to be industrial.

2.3.4 Surrounding Land Uses

The Site is bounded by:

North: AC Trust Property;

East: Hoelocker Drive followed by the Blalack Property; Fox Memorial Park across Truesdell Avenue;

South: (from east to west) Dietrich industries, Allis Chalmers Power House, vacant lot (Basso Property), Berry Metal, LCV Lehman Construction, and Pine Lakes Shopping Center occupied by Tractor Supply Company, Dollar Tree, Fashion Bug, Fashion Bug Plus, New Covenant Christian Supply, and Kroger.

West: (from south to north) Marquette Road and Truesdell Avenue followed by residences, a vacant commercial property, and the offices of Bancroft Electrical.

3.0 PREVIOUS INVESTIGATIONS

3.1 Phase I ESA (URS 2002)

A Phase I Environmental Site Assessment (ESA) was completed by URS in April 2002. The purpose of the investigation was to identify recognized environmental conditions (REC) on the property. The Phase I ESA was performed in accordance with the Standard Practice for Environmental Site Assessments as developed by the American Society for Testing & Materials (ASTM) *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process Designation E 1527-00* and in accordance with Indiana Statues.

The Phase I ESA (URS, 2002g) revealed the following RECs in connection with the Property:

- Allis Chalmers historically utilized the Property for manufacturing farm implements such as tractors. Chemical and waste handling practices may have impacted the Property. Specific areas of concern are listed below:
  - Areas within the Property were formerly used as a brass foundry, chemical laboratory, machine shop, and paint booth;
  - Fill material, consisting of foundry sand, has been placed in the northeast portion of the Property;
  - Waste solvents were mixed with fuel oil and stored in a 200,000-gallon AST located on the southeast corner of the Property; and
  - Historical plans identified two paint storage areas, a paint line, five transformers, and an oil and brine pit on the Property.
- The Property was investigated under the CERCLA program in the early to mid-1990s. On-Site sampling revealed the presence of VOCs, SVOCs, pesticides, PCBs, and metals in soil and pond sediments at levels of concern.
- Erincraft, a former tenant of the Property, has been inspected by several regulatory agencies and cited with numerous violations due to hazardous waste violations. Specific areas of concern include the following:
  - Erincraft personnel were reportedly dumping hazardous waste near the railroad track along the northwest corner of the Property;
  - Approximately 300, 55-gallon drums containing waste paint, solvents, and oil from off-Site facilities were stored in the southern portion of the Property building;
  - These drums were reportedly “consolidated” and no documentation was provided regarding the final disposition of the materials; and

  - PCB-containing transformers were stored at the Property until 2001. One of the transformers leaked and the spill area required decontamination and the transformers/spilled materials removed.

- Railroad spurs were formerly located within the Property. Since the railroad served nearby industrial properties and may have carried hazardous materials/petroleum products as cargo, there is a potential for historic spills along the railroad. In addition, coatings, such as creosote, on railroad ties and the use of herbicides containing potentially hazardous constituents, such as arsenic and cyanide, may have leached into subsurface soil and groundwater.
- Wood block flooring was located throughout the building. This type of flooring may need to be disposed as special waste due to the presence of either spilled hazardous materials or coatings, such as creosote, that were placed on the flooring.
- URS observed two areas of debris with potential asbestos-containing materials (ACM). Transite was observed in a debris pile on the south central portion of the Property. A cloth-like material was observed in a debris pile on the northeast portion of the Property.
- Rusted-out and partially buried drums were located within and along the west pond. Historical aerial photographs indicated the potential for the ponds to have been used for disposal of materials. In addition, interior floor drains and storm drains reportedly discharged to the ponds.

3.2 2002 Phase II Investigation

A Phase II investigation was completed by URS in 2002. Investigation activities were based on the results of the Phase I ESA and previous studies. Sampling and characterization activities were performed on a biased sampling strategy. Biased locations were determined from RECs identified in the Phase I ESA performed by URS.

The investigation activities were designed to gather information to determine presence and absence of impact associated with each REC identified in the Phase I ESA and to assess the potential for chemical exposure to human health and the environment at the Site. Six borings (VPBH03 through VPBH08) were advanced and sampled, four monitoring wells (VPMW-1 through VPMW-4) were installed and sampled, and two sediment samples were collected at the property.

The data collected during this Phase II Investigation and previous investigations were evaluated in accordance with the methodology defined in the Indiana Risk Integrated System of Closure (RISC) Technical Guide. This methodology provided a preliminary risk screening evaluation, focusing on determining the presence or absence of impacts and evaluating the data gaps related to identifying the presence or absence of impacts.

The data collected during the Site investigation and previous investigations were evaluated in accordance with the Indiana RISC Technical Guide. Based on the findings of the screening RISC evaluation, the following conclusions and recommendations included:

- Petroleum-like materials were found in three borings within the aboveground storage tank (AST) and drum storage areas. Metal exceedances were found across the Property. Significant levels of elevated lead and chromium, as well as low levels of elevated trichloroethylene (TCE), PAHs, and pesticides were found in soil near the drum storage area. Elevated levels of lead, chromium, and arsenic were found at the foundry sand disposal area. Elevated arsenic and lead were found in two composite sediment samples collected from the east pond and just beyond the eastern boundary during historical investigations. Significant levels of lead were found in the sediment samples. Asbestos was found to be present within debris remaining from the building demolition.

3.2.1 Subsurface Site Conditions

The surficial geology of the Site and surrounding areas was fairly uniform, consisting of brown to black silty clay fill or topsoil that is underlain by saturated, light brown, fine grained sand. Fill was typically present at depths ranging from 0.0 to 12.0 feet bgs. A soft, gray clay seam was encountered beneath the sand layer in some borings on the Site. The clay seam was not uniform and was present at depths ranging from 13 to 15 feet bgs. Bedrock was not encountered in any of the borings. Copies of the boring logs from the Phase II investigation are included as **Appendix B.1**.

3.2.2 Soil Results

Low levels of VOCs were detected in ten of the soil samples submitted for this Property.

Low levels of SVOCs were detected in twelve of the soil samples from this Property. The PCB Aroclor 1260 was detected in three samples from this Property. Pesticides and herbicides were not detected in the two samples analyzed for these parameters on the Property.

Metals were detected at low levels in all of the samples from this Property.

Copies of the soil results tables from the Phase II investigation are included as **Appendix C** and analytical results are included as **Appendix D.1**.

3.2.3 Surface and Groundwater Results

Acetone and chloroethane were detected in monitoring wells. No VOCs were detected in the surface water samples.

Copies of the surface water and groundwater results tables from the Phase II investigation are included as **Appendix C** and analytical results are included as **Appendix D.1**.

4.0 FIELD INVESTIGATION

4.1 Overview

A Supplemental Workplan was approved in September 2006 by the IBP. URS conducted the following activities for the Supplemental Phase II field investigation at the Site on July 9, 2007 through July 17, 2007.

- Advancement of twenty-one soil borings;
- Determination of soil lithology;
- Collection of three soil samples for physical testing;
- Collection of twenty subsurface and five surface soil samples;
- Collection of six sediment samples; and
- Laboratory analysis of soil and sediment samples.

The objectives of the field investigation were to delineate the nature and extent of previous exceedances, to investigate previously uninvestigated areas to satisfy IBP requirements, and to investigate the east Container Storage Areas (CSA) to satisfy the RCRA violation.

4.2 Field Sampling Methods

4.2.1 Soil Sampling Methods

DLZ Industrial, LLC of Burns Harbor, Illinois was subcontracted to perform the drilling work for the Supplemental Phase II investigation. A truck-mounted drilling rig with hollow-stem augers was used to advance the boreholes.

Each soil boring was sampled continuously. A two-foot long, two-inch outside diameter split spoon sampler was used to obtain subsurface soil samples. A sample for volatile organic compounds (VOCs) was immediately collected which consisted of preserving approximate five-gram subsamples in three separate containers (one containing 5 milliliters (ml) of methanol and two containing 5 ml each sodium bisulfate) and then placed on ice.

Each sampling interval was field screened by performing a headspace analysis using a Photo Ionization Detector (PID). Each field screening sample was warmed for approximately 10 to 15 minutes in a plastic Ziploc® bag prior to field screening. After the sample had been allowed to warm and equilibrate for at least 10 minutes, the probe of the PID was carefully inserted allowing minimal air contact with the soil, and the concentration of VOCs in the headspace of the bag was measured. Headspace results were recorded on each boring log

form. The PID was calibrated at the start of the day using standard calibration gas, according to the manufacturer's instructions.

The soil samples were collected for laboratory analysis from all of the borings based on the following prioritized criteria:

- Highest VOC headspace measurement;
- Olfactory indication of contamination;
- Soil staining;
- Lithologic change from greater to less permeability;
- The deepest sample from above the water table or bedrock; and
- Historical data, if none of the above criteria is observed.

Analysis of the soil samples collected included the following analytical parameters from:

- Volatile Organic Compounds (VOCs);
- Semi-Volatile Organic Compounds (SVOCs) and
- Metals.

The sediment samples were analyzed for the following:

- SVOCs; and
- Metals.

Soil samples for laboratory analyses were placed in appropriate sample containers. A set of three preserved vials for VOCs, and additional unpreserved containers were filled with soil for VOC dry weight, SVOC, and metals analyses. Each sample container was appropriately labeled with the following information:

- Sample identification number;
- Sampler's company affiliation;
- Date and time of sample collection; and
- Analyses required.

The samples were logged onto a chain-of-custody form, which accompanied the sample cooler to the laboratory and were submitted via FedEx to STL-Chicago in University Park, IL (now TestAmerica). All of the samples were analyzed using United States Environmental Protection Agency (USEPA) SW-846 analytical methods.

Heavy equipment, such as the hollow-stem auger, was decontaminated by pressurized steam cleaning. Smaller equipment including the split-spoon sampler and hand tools were decontaminated by scrubbing with a brush and Alconox® detergent-water solution, followed by several rinses with distilled water.

4.2.2 Sediment Sampling Methods

Six sediment samples were collected from the ponds at the Verma property to determine the extent of the impact to the sediment. Three sediment samples were collected from each pond.

Sediment samples for laboratory analyses were placed in appropriate sample containers. Unpreserved containers were filled with sediment for SVOC and metals analyses. Each sample container was appropriately labeled with the following information:

- Sample identification number;
- Sampler's company affiliation;
- Date and time of sample collection; and
- Analyses required.

The samples were logged onto a chain-of-custody form, which accompanied the sample cooler to the laboratory and were submitted via FedEx to STL-Chicago in University Park, IL (now TestAmerica).

4.3 Quality Control Samples

Quality control samples were obtained to ensure the precision and accuracy of field samples and laboratory methods.

4.3.1 Field Duplicate Collection Procedure

One field duplicate sample was collected per ten samples or part thereof; therefore two (2) duplicates were collected. The field duplicate sample was performed by filling an additional identical set of containers at a selected sampling location. The field duplicate sample was analyzed for the same compounds as the original sample.

4.3.2 MS/MSD and Laboratory Duplicate Sample Collection

Matrix spike and matrix spike duplicate (MS/MSD) samples were collected at a frequency of one per twenty investigative samples. One (1) MS/MSD samples was taken. Three times the normal sample volume was sampled for organics and double sample volume was sampled for other parameters for MS/MSD samples.

5.0 SITE INVESTIGATION REPORT

5.1 Subsurface Conditions

5.1.1 Geology

Geologic conditions identified during the supplemental investigation were similar to previous investigations. The surficial geology of the Site consisted of yellowish-orange to black sand fill or topsoil that was underlain by saturated, light brown, fine grained sand. Fill was typically present at depths ranging from 0.0 to 5.0 feet bgs. A soft, gray clay seam was encountered beneath the sand layer in some borings. The clay seam was not uniform and was present at depths ranging from 13 to 15 feet bgs. Peat was encountered in two locations at the Site at depths ranging from 6 to 18 ft. Concrete of approximately 1 to 1.5 feet in thickness was removed at boring locations within the former building footprint. Soil boring logs are included as **Appendix B.2**.

5.1.2 Soil Physical Parameters

Samples for evaluating soil physical parameters were collected during sampling activities to evaluate Site specific default closure levels (DCLs), according to RISC.

A Shelby tube from non-impacted and undisturbed soil was collected for analysis of physical parameters for each type of soil lithology encountered. The soil sample was analyzed using the procedure outlined in the Standard Practice for Description and Identification of Soils (Visual-Manual Procedure), ASTM D-2488-84. The physical parameters included:

- Air filled porosity;
- Water filled porosity;
- Soil bulk density;
- Total organic carbon (TOC); and
- pH.

Soil porosity (air filled and water filled) and bulk density were analyzed by URS' laboratory in Totowa, New Jersey. STL of University Park, IL, analyzed for TOC and pH. **Table 1** presents the results of the soil physical parameters.

5.2 Summary of Investigative Results

5.2.1 Soil

Analysis of the soil samples collected included the following analytical parameters:

- VOCs;
- SVOCs; and
- Metals.

The analytical results from the soil samples collected during the supplemental investigation were compared to the RISC industrial default closure levels (DCLs). The DCLs for soil consider three routes of exposure: soil direct, construction worker, and migration to groundwater. **Tables 2 through 4** compile the soil VOCs, SVOCs, and metals data and present the industrial DCLs. The analytical reports are attached as **Appendix D.2.**

The analytical results are summarized as follows:

VOCs:

All samples (a total of thirty-one samples) were analyzed for VOCs. The following VOCs were detected: 2-butanone (MEK), acetone, benzene, carbon disulfide, ethylbenzene, methylene chloride, tetrachloroethene, toluene, trichloroethene, vinyl chloride, and xylenes.

Figure 4 summarizes the VOC exceedances, including those from previous investigations.

The following VOCs exceeded the industrial DCL in this investigation:

- Benzene with a concentration of 1.3 mg/kg in sample VPBH-24 from 2-4 ft exceeded the industrial DCL of 0.35 mg/kg for the migration to groundwater pathway; and
- Trichloroethene in samples VPBH-23 (0.44 mg/kg) and VPBH-23 Dup (1.6 mg/kg) from 8-10 ft exceeded the industrial DCL of 0.35 mg/kg for the migration to groundwater pathway.

During the previous investigations, tetrachloroethene (0.96 mg/kg) in sample SS02-01 from 0-2 ft exceeded the industrial DCL for the migration to groundwater pathway of 0.64 mg/kg. Results from the 2002 investigation are included as **Appendix C** in Table 4-2A and 5-1A.

During this investigation, aroclein and vinyl chloride were not detected, but their detection limits exceeded industrial DCLs in several samples due to matrix interference.

SVOCs:

SVOCs were analyzed in thirty-one samples. The following SVOCs were detected: 2,4-dimethylphenol, 2-methylnaphthalene, 2-methylphenol, 4-methylphenol, acenaphthene, acenaphthylene, anthracene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, bis(2-ethylhexyl)phthalate, butyl benzyl phthalate, carbazole, chrysene, dibenz(a,h)anthracene, dibenzofuran, fluoranthene, fluorine, indeno(1,2,3-cd)pyrene, naphthalene, phenanthrene, phenol, and pyrene.

Figure 5 summarizes the SVOC exceedances, including those from previous investigations. The following SVOCs exceeded the industrial DCLs in this investigation:

- Benzo(a)pyrene in samples VPBH-24 from 2-4 ft (2.2 mg/kg), VPBH-H2 from 5-6 ft (3.5 mg/kg), VPBH-H2A from 3-5 ft (8.6 mg/kg), VPBH-H3 from 5-6 ft (5.3 mg/kg), and VPBH-V3 from 5-7 ft (2.7 mg/kg) exceeded the direct exposure DCL of 1.5 mg/kg;
- Dibenz(a,h)anthracene in samples VPBH-H2A from 3-5 ft (3.2 mg/kg) and VPBH-H3 from 5-6 ft (1.6 mg/kg) exceeded the direct exposure DCL of 1.5 mg/kg; and
- Indeno(1,2,3-cd)pyrene in samples VPBH-H2A from 3-5 ft (8.5 mg/kg) and VPBH-H3 from 5-6 ft (5.3 mg/kg) exceeded the migration to groundwater DCL of 3.1 mg/kg.

Detection limits for several SVOCs exceeded their DCLs during this investigation. This is due to the fact that the laboratories are not able to meet the low detection limits with the current analytical methods. None of the compounds with detection limits that exceed the DCLs were detected at the Site. These compounds are not expected to be chemicals of potential concern, and were only analyzed to meet the qualifications of a "comprehensive" investigation. Therefore, the elevated detection limits are not expected to cause a risk concern.

Table 4-2B and 5-1A in **Appendix C** summarizes the results from the 2002 investigation. During the previous investigations, the following SVOCs exceeded industrial DCLs:

- Benzo(a)pyrene in samples SS02-01 from 0-2 ft (2.2 mg/kg), VPBH-03 from 4-6 ft (7.8 mg/kg), and VPBH-05 from 2-4 ft (2.2 mg/kg) exceeded the direct exposure DCL of 1.5 mg/kg;
- Dibenz(a,h)anthracene in sample VPBH-03 from 4-6 ft (2.2 mg/kg) exceeded the direct exposure DCL of 1.5 mg/kg; and
- Indeno(1,2,3-cd)pyrene in sample VPBH-03 from 4-6 ft (4.3 mg/kg) exceeded the migration to groundwater DCL of 3.1 mg/kg.

Metals:

Thirty-one samples were analyzed for metals. Arsenic, barium, cadmium, chromium, lead, selenium, silver, and mercury were detected in several samples.

Figure 6 summarizes the metals exceedances, including those from previous investigations. The following metals exceeded the industrial DCLs during this investigation:

- Twenty-one samples exceed the arsenic industrial DCL for the migration to groundwater pathway of 5.8 mg/kg. Samples VPBH-14 from 0-2 ft (41 mg/kg) and VPBH-Steel from 5-7 ft (23 mg/kg) also exceed the direct exposure industrial DCL of 20 mg/kg; and
- Lead concentrations in samples VPBH-16 from 0-2 ft (3,900 mg/kg) and VPBH-21 from 3-5 ft (1,100 mg/kg) exceed industrial DCLs for all pathways including migration to groundwater (230 mg/kg), construction worker (970 mg/kg), and direct exposure (1,300 mg/kg).

Table 4-2C and 5-1A in **Appendix C** summarizes the results from the previous investigations. The following metals exceeded the industrial DCLs during previous investigations:

- Arsenic in sample VPBH-05 from 4-6 ft (52 mg/kg) exceeded the industrial DCLs for the migration to groundwater pathway of 5.8 mg/kg and direct exposure pathway of 20 mg/kg;
- Chromium in samples SS02-01 from 0-2 ft (253 mg/kg), SS04-01 from 0-2 ft (191 mg/kg), VPBH-05 from 0-2 ft (140 mg/kg), and VPBH-07 from 0-2 ft (180 mg/kg) exceeded the industrial DCL for the migration to groundwater pathway of 120 mg/kg;
- Lead concentrations in samples SS02-01 from 0-2 ft (661 mg/kg) and SS04-01 from 0-2 ft (3,340 mg/kg) exceeded industrial DCLs for all pathways including migration to groundwater (230 mg/kg), construction worker (970 mg/kg), and direct exposure (1,300 mg/kg); and
- Thallium in sampleVPBH-05 from 0-2 ft (18 mg/kg) exceeded the industrial DCL for the migration to groundwater pathway of 2.8 mg/kg.

5.2.2 Sediment

Six sediment samples were collected from the ponds at the Verma property to evaluate the extent of the impact to the sediment. Three sediment samples were collected from each pond. The samples were analyzed for SVOCs and metals. Analytical results are provided in **Tables 5 and 6**.

Because RISC does not provide tables to compare sediment analytical data to, the results from the composite sediment samples were not compared to any DCLs.

5.2.3 Groundwater

Groundwater was not samples as part of this investigation, however, four monitoring wells (VPMW1 through VPMW4) were installed and sampled as part of the 2002 Phase II investigation.

Figure 7 presents groundwater exceedances from the 2002 Phase II investigation. The analytical results are summarized as follows:

VOCs:

No VOCs exceeded residential or industrial DCLs.

SVOCs:

No SVOCs exceeded residential or industrial DCLs.

Metals:

The following metals exceeded residential and/or industrial DCLs:

- Arsenic in samples VPMW1 (0.13 mg/L), VPMW2 (0.15 mg/L), VPMW3 (0.15 mg/L), and VPMW4 (0.059 mg/L) exceeded DCLs for residential and industrial of 0.05 mg/L;
- Beryllium in samples VPMW1 (0.0059 mg/L), VPMW3 (0.0057 mg/L), and VPMW4 (0.0059 mg/L) exceeded the residential DCL of 0.004 mg/L;
- Cadmium in samples VPMW1 (0.011 mg/L) and VPMW3 (0.22 mg/L) exceeded residential (0.005 mg/L) and industrial (0.051 mg/L) DCLs;
- Chromium in samples VPMW1 (0.18 mg/L), VPMW3 (0.15 mg/L), and VPMW4 (0.25 mg/L) exceeded the residential DCL of 0.1 mg/L;
- Lead in samples VPMW1 (0.61 mg/L), VPMW2 (1.1 mg/L), VPMW3 (3 mg/L), and VPMW4 (0.56 mg/L) exceeded both residential (0.015 mg/L) and industrial (0.042 mg/L) DCLs;
- Thallium in samples VPMW1 (0.015 mg/L), VPMW3 (0.0094 mg/L), and VPMW4 (0.015 mg/L) exceeded both residential (0.002 mg/L) and industrial (0.0092 mg/L) DCLs;
- Zinc in sample VPMW3 with a concentration of 91 mg/L exceeded residential (11 mg/L) and industrial (31 mg/L) DCLs; and

- Mercury in sample VPMW2 with a concentration of 0.0024 mg/L exceeded the residential DCL of 0.002 mg/L.

6.0 REMEDIATION WORKPLAN

RISC allows the use of institutional controls as a legal mechanism for maintaining a land use restriction to minimize exposure. Under RISC, land use restriction can be accomplished through activity restrictions or engineering controls.

6.1 Activity Restrictions

Activity restrictions prohibit operations that could result in exposure to residual levels of constituents at the Site. These restrictions can be accomplished through an Environmental Restrictive Covenant (ERC).

Activity restrictions that will be implemented at the Verma Property for eliminating exposures are discussed as follows:

- Historical land use of the Verma Property has been industrial. Future industrial/commercial reuse of the Site is likely and industrial closure levels were applied at the Site. Therefore, an activity restriction to limit the land use to be industrial/commercial will be implemented at the Site through an ERC. The ERC will be used to notify and restrict future owners, lessees, and users of the environmental conditions and that the Site is not suitable for residential use. The industrial/commercial land use designation will be recorded on the property deed and will run with the deed. With this designation in place, the residential exposure scenario can be excluded from the risk evaluation for the Site.
- The use of groundwater at the Site will be prohibited through the ERC. With this designation in place, the soil migration to groundwater, and the groundwater exposure scenarios can be excluded from the risk evaluation for the Site.
- A restriction to limit the exposure to elevated lead levels in soil by construction workers is needed in the vicinity of sample SS04-01 from 0-2 ft with a lead concentration of 3,340 mg/kg (previous investigation), sample VPBH-16 from 0-2 ft with a lead concentration of 3,900 mg/kg, and sample VPBH-21 from 3-5 ft with a lead concentration of 1,100 mg/kg, all exceeding the DCL for the construction worker pathway of 970 mg/kg. Areas where health and safety precautions are necessary for construction workers are depicted on **Figure 9**. The ERC will be attached to the deed to require health and safety precautions in areas that exceed the construction worker scenario.

6.2 Engineering Controls and Soil Removal

URS proposes four remediation alternatives for the Verma Property in areas where the soil direct pathway has been exceeded for SVOCs and metals. These areas are depicted on

Figure 8. URS believes further refinement of the delineation around the lead exceedance at boring VPBH-21 (a boring in an area previously not investigated) would be beneficial to efficiently size the remediation area. URS believes the other locations have been fully delineated because they are in areas where delineation from a previous investigation was conducted.

The first alternative is to require an engineered barrier over the locations with PAH, arsenic, or lead soil direct exposure exceedances. Possible options for the required engineered barrier include: a low-permeability clay cover, an asphalt parking lot, three feet of clean soil, or a building foundation. An ERC would be placed on the deed to require the engineered barriers to be maintained.

The second alternative is to remove and properly dispose of the soil exceeding the soil direct DCLs. Waste characterization samples will be required to determine the proper disposal method. The soils with the lead soil direct exposure DCL exceedances (greater than 1,300 mg/kg) will likely need to be disposed as hazardous waste. The soils with arsenic and PAH exceedances would likely be disposed as special waste. The excavations would be backfilled with clean soil.

The third alternative is to add a soil stabilization agent in-place to minimize leaching of soils with the lead soil direct exposure DCL exceedances then remove and dispose the soil at a special waste landfill, and backfill the excavation with clean soil. URS recommends a pilot study to verify that stabilization can be achieved so the soils with the lead soil direct exposure DCL exceedances are acceptable as a special waste at a landfill. The soils with arsenic and PAH exceedances would be excavated and disposed as special waste, and the excavations backfilled with clean soil.

A fourth alternative is to add a soil stabilization agent in-place to minimize leaching in the areas with concentrations of lead exceeding the soil direct DCL, remove and dispose the soil at a special waste landfill, and backfill with clean soil. The remaining areas with PAH and arsenic soil direct exceedances could be addressed with an engineered barrier.

7.0 REFERENCES

IDEM 1992. CERCLA Preliminary Assessment, Verma Property, 1992.

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URS (2002b). Phase I Environmental Site Assessment, Verma Property, 402 Truesdell Avenue, La Porte, Indiana, April 2002.

URS (2003). Site Investigation Report, City of La Porte Properties, La Porte, Indiana, March 2003.

URS (2006). Scope of Work, Indiana Finance Authority Grant, Verma Property, La Porte, Indiana, September, 2006.

Figures

Tables

Appendix A

IDNR-DOW Water Well Search

Appendix B

Boring Logs

Appendix C

Previous Investigation Tables

Appendix D

Analytical Results

Table 1
Soil Physical Data
La Porte Center Brownfield Redevelopment Project
Verma Property
La Porte, IN

BORING NO.	SAMPLE NO.	DEPTH (ft)	D2216 WATER CONTENT (%)	USCS SYMBOL (1)	D854 SOIL PARTICLE DENSITY (-)	D5084 SOIL BULK DENSITY (pcf)	D5084 SOIL DRY DENSITY (pcf)	CALCULATED TOTAL SOIL POROSITY (-)	CALCULATED AIR-FILLED SOIL POROSITY (-)	CALCULATED WATER-FILLED SOIL POROSITY (-)	CALCULATED SATURATION (%)	REMARKS
Phys-1	1	1-3				112.46						
Phys-1	1	1.4	3.4									
Phys-1	1B	1.65	9.5	SM	2.609	121.06	110.57	0.32	0.15	0.17	52	
Phys-2	2	10-12				72.34						
Phys-2	2	10.65	13.3									
Phys-2	2	11.2	329.3									
Phys-2	2C	11.45	394.5	PT	1.774	65.32	13.21	0.88	0.04	0.84	95	
Phys-2	2	11.75	369.4									
Phys-3	3	14-16				88.47						
Phys-3	3	14.4	52.5									
Phys-3	3	14.95	102.5									
Phys-3	3	15.5	51.6									
Phys-3	3C	15.75	55.7	CL	2.617	104.33	66.99	0.59	-0.01	0.60	101	

Notes: (1) Based on visual observation

Table 2
Soil Analytical Data For VOCs Compared with Industrial Closure Levels
La Porte Center Brownfield Redevelopment Project
Verma Property
La Porte, Indiana

Parameter	Construction	Soil Direct	Migration to GW	DCLs	PHYS-1	PHYS-2	PHYS-3	YPBH-09	YPBH-09-8-10	YPBH-09SS	YPBH-10
Depth (ft)					0-2	10-12	14-16	6-8	8-10	0-2	0-2
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
VOCs											
1,1,2,2-Tetrachloroethane	960	8.7	0.11	0.11	NA	0.037 UJ	0.0083 U	0.0063 UJ	0.012 U	0.0083 U	0.094 U
1,1,2-Trichloroethane	600	15	0.3	0.3	NA	0.037 U	0.0083 U	0.0063 U	0.012 U	0.0083 U	0.094 U
1,1-Dichloroethane	8600	1700	58	58	NA	0.037 U	0.0083 U	0.0063 U	0.012 U	0.0083 U	0.094 U
1,1-Dichloroethene	2200	410	42	42	NA	0.037 U	0.0083 U	0.0063 U	0.012 U	0.0083 U	0.094 U
1,2-Dichloroethane	150	5.8	0.15	0.15	NA	0.037 U	0.0083 U	0.0063 U	0.012 U	0.0083 U	0.094 U
1,2-Dichloropropane	100	7.2	0.25	0.25	NA	0.037 U	0.0083 U	0.0063 U	0.012 U	0.0083 U	0.094 U
2-Butanone (MEK)	260000	70000	250	250	NA	0.52	0.024	0.0063 U	0.008 J	0.0083 U	0.19 U
4-Methyl-2-pentanone (MIBK)	64000	29000	75	75	NA	0.037 U	0.0083 U	0.0063 U	0.012 U	0.0083 U	0.19 U
Acetone	230000	51000	370	370	NA	4.8 J	0.13	0.033	0.072	0.022	0.38 U
Acrolein	3.5	0.64	0.25	0.25	NA	1.5 U	0.33 U	0.25 U	0.48 U	0.33 U	3.8 U
Benzene	560	14	0.35	0.35	NA	0.037 U	0.0083 U	0.0063 U	0.012 U	0.0083 U	0.092
Bromodichloromethane	2100	17	0.51	0.51	NA	0.037 U	0.0083 U	0.0063 U	0.012 U	0.0083 U	0.19 U
Bromoform	7700	580	2.7	2.7	NA	0.037 U	0.0083 U	0.0063 U	0.012 U	0.0083 U	0.19 U
Bromomethane	69	13	0.7	0.7	NA	0.037 U	0.0083 U	0.0063 U	0.012 U	0.0083 U	0.19 U
Carbon disulfide	6200	1200	82	82	NA	0.17	0.0083 U	0.0063 U	0.012 U	0.0083 U	0.19 U
Carbon tetrachloride	38	5.2	0.29	0.29	NA	0.037 U	0.0083 U	0.0063 U	0.012 U	0.0083 U	0.094 U
Chlorobenzene	2600	510	27	27	NA	0.037 U	0.0083 U	0.0063 U	0.012 U	0.0083 U	0.094 U
Chloroethane	16000	120	10	10	NA	0.037 U	0.0083 U	0.0063 U	0.012 U	0.0083 U	0.19 U
Chloroform	650	4.7	6	4.7	NA	0.037 U	0.0083 U	0.0063 U	0.012 U	0.0083 U	0.094 U
cis-1,2-Dichloroethene	750	140	5.8	5.8	NA	0.037 U	0.0083 U	0.0063 U	0.012 U	0.0083 U	0.094 U
cis-1,3-Dichloropropene	NE	NE	NE	NE	NA	0.037 U	0.0083 U	0.0063 U	0.012 U	0.0083 U	0.094 U
Ethylbenzene	29000	6800	200	160	NA	0.037 U	0.0083 U	0.0063 U	0.012 U	0.0083 U	0.09
Methyl tert-butyl ether	65000	650	3.2	3.2	NA	0.037 U	0.0083 U	0.0063 U	0.012 U	0.0083 U	0.19 U
Methylene Chloride	22000	200	1.8	1.8	NA	0.037 U	0.0083 U	0.0063 U	0.012 U	0.0083 U	0.19 U
n-Butyl alcohol	2700	490	44	44	NA	2.9 U	0.66 U	0.51 U	0.95 U	0.66 U	19 U
Styrene	68000	16000	720	550	NA	0.037 U	0.0083 U	0.0063 U	0.012 U	0.0083 U	0.094 U
Tetrachloroethene	660	16	0.64	0.64	NA	0.037 U	0.0083 U	0.0063 U	0.012 U	0.0083 U	0.094 U
Toluene	49000	16000	96	96	NA	0.037 U	0.0083 U	0.0063 U	0.012 U	0.0093	0.048
trans-1,2-Dichloroethene	1200	230	14	14	NA	0.037 U	0.0083 U	0.0063 U	0.012 U	0.0083 U	0.094 U
trans-1,3-Dichloropropene	NE	NE	NE	NE	NA	0.037 U	0.0083 U	0.0063 U	0.012 U	0.0083 U	0.094 U
Trichloroethene	210	24	0.35	0.35	NA	0.037 U	0.0083 U	0.0063 U	0.012 U	0.0083 U	0.047 U
Vinyl acetate	7600	1400	430	430	NA	0.037 U	0.0083 U	0.0063 U	0.012 U	0.0083 U	0.19 U
Vinyl chloride	250	6.4	0.027	0.027	NA	0.026 J	0.0083 U	0.0063 U	0.012 U	0.0083 U	0.047 U
Xylenes, Total	4800	890	430	170	NA	0.037 U	0.0083 U	0.0063 U	0.012 U	0.0083 U	0.56
pH	NA	NA	NA	NA	8.26 J	7.21 J	7.76 J	NA	NA	NA	NA
Total Organic Carbon	NA	NA	NA	NA	4000	150000	23000	NA	NA	NA	NA

Table 2
Soil Analytical Data For VOCs Compared with Industrial Closure Levels
La Porte Center Brownfield Redevelopment Project
Verma Property
La Porte, Indiana

Parameter	Construction	Soil Direct	Migration to GW	DCLs	VPBH-11	VPBH-12	VPBH-13	VPBH-14	VPBH-15	VPBH-16	VPBH-17
Depth (ft)					2-4	0-2	6-8	0-2	0-2	0-2	4-6
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
VOCs											
1,1,2,2-Tetrachloroethane	960	8.7	0.11	0.11	0.002 U	0.0083 U	0.0045 UJ	0.011 U	0.011 U	0.01 U	0.0063 U
1,1,2-Trichloroethane	600	15	0.3	0.3	0.002 U	0.0083 U	0.0045 U	0.011 U	0.011 U	0.01 U	0.0063 U
1,1-Dichloroethane	8600	1700	58	58	0.002 U	0.0083 U	0.0045 U	0.011 U	0.011 U	0.01 U	0.0063 U
1,1-Dichloroethene	2200	410	42	42	0.002 U	0.0083 U	0.0045 U	0.011 U	0.011 U	0.01 U	0.0063 U
1,2-Dichloroethane	150	5.8	0.15	0.15	0.002 U	0.0083 U	0.0045 U	0.011 U	0.011 U	0.01 U	0.0063 U
1,2-Dichloropropane	100	7.2	0.25	0.25	0.002 U	0.0083 U	0.0045 U	0.011 U	0.011 U	0.01 U	0.0063 U
2-Butanone (MEK)	260000	70000	250	250	0.002 U	0.0083 U	0.0075	0.011 U	0.011 U	0.01 U	0.0063 U
4-Methyl-2-pentanone (MIBK)	64000	29000	75	75	0.002 U	0.0083 U	0.0045 U	0.011 U	0.011 U	0.01 U	0.0063 U
Acetone	230000	51000	370	370	0.002 U	0.022	0.047	0.011 U	0.032	0.13	0.0063 U
Acrolein	3.5	0.64	0.25	0.25	0.081 U	0.33 U	0.18 U	0.42 U	0.42 U	0.41 U	0.25 U
Benzene	560	14	0.35	0.35	0.002 U	0.0083 U	0.0045 U	0.011 U	0.011 U	0.01 U	0.0063 U
Bromodichloromethane	2100	17	0.51	0.51	0.002 U	0.0083 U	0.0045 U	0.011 U	0.011 U	0.01 U	0.0063 U
Bromoform	7700	580	2.7	2.7	0.002 U	0.0083 U	0.0045 U	0.011 U	0.011 U	0.01 U	0.0063 U
Bromomethane	69	13	0.7	0.7	0.002 U	0.0083 U	0.0045 U	0.011 U	0.011 U	0.01 U	0.0063 U
Carbon disulfide	6200	1200	82	82	0.002 U	0.0083 U	0.0045 U	0.011 U	0.011 U	0.01 U	0.0063 U
Carbon tetrachloride	38	5.2	0.29	0.29	0.002 U	0.0083 U	0.0045 U	0.011 U	0.011 U	0.01 U	0.0063 U
Chlorobenzene	2600	510	27	27	0.002 U	0.0083 U	0.0045 U	0.011 U	0.011 U	0.01 U	0.0063 U
Chloroethane	16000	120	10	10	0.002 U	0.0083 U	0.0045 U	0.011 U	0.011 U	0.01 U	0.0063 U
Chloroform	650	4.7	6	4.7	0.002 U	0.0083 U	0.0045 U	0.011 U	0.011 U	0.01 U	0.0063 U
cis-1,2-Dichloroethene	750	140	5.8	5.8	0.002 U	0.0083 U	0.0045 U	0.011 U	0.011 U	0.01 U	0.0063 U
cis-1,3-Dichloropropene	NE	NE	NE	NE	0.002 U	0.0083 U	0.0045 U	0.011 U	0.011 U	0.01 U	0.0063 U
Ethylbenzene	29000	6800	200	160	0.002 U	0.0083 U	0.0045 U	0.011 U	0.011 U	0.01 U	0.0063 U
Methyl tert-butyl ether	65000	650	3.2	3.2	0.002 U	0.0083 U	0.0045 U	0.011 U	0.011 U	0.01 U	0.0063 U
Methylene Chloride	22000	200	1.8	1.8	0.002 U	0.0083 U	0.0045 U	0.011 U	0.011 U	0.01 U	0.0063 U
n-Butyl alcohol	2700	490	44	44	0.16 U	0.66 U	0.36 U	0.84 U	0.84 U	0.83 U	0.5 U
Styrene	68000	16000	720	550	0.002 U	0.0083 U	0.0045 U	0.011 U	0.011 U	0.01 U	0.0063 U
Tetrachloroethene	660	16	0.64	0.64	0.002 U	0.0083 U	0.0045 U	0.011 U	0.011 U	0.01 U	0.0063 U
Toluene	49000	16000	96	96	0.002 U	0.0093	0.0045 U	0.011 U	0.011 U	0.01 U	0.0063 U
trans-1,2-Dichloroethene	1200	230	14	14	0.002 U	0.0083 U	0.0045 U	0.011 U	0.011 U	0.01 U	0.0063 U
trans-1,3-Dichloropropene	NE	NE	NE	NE	0.002 U	0.0083 U	0.0045 U	0.011 U	0.011 U	0.01 U	0.0063 U
Trichloroethene	210	24	0.35	0.35	0.002 U	0.0083 U	0.0045 U	0.011 U	0.011 U	0.0093 J	0.0063 U
Vinyl acetate	7600	1400	430	430	0.002 U	0.0083 U	0.0045 U	0.011 U	0.011 U	0.01 U	0.0063 U
Vinyl chloride	250	6.4	0.027	0.027	0.002 U	0.0083 U	0.0045 U	0.011 U	0.011 U	0.01 U	0.0063 U
Xylenes, Total	4800	890	430	170	0.002 U	0.0083 U	0.0045 U	0.011 U	0.011 U	0.01 U	0.0063 U
pH	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 2
Soil Analytical Data For VOCs Compared with Industrial Closure Levels
La Porte Center Brownfield Redevelopment Project
Verma Property
La Porte, Indiana

Parameter	Construction	Soil Direct	Migration to GW	DCLs	VPBH-18	VPBH-19	VPBH-20	VPBH-21	VPBH-22	VPBH-23	VPBH-23 DUP
Depth (ft)					2-4	5-7	3-5	3-5	5-7	8-10	8-10
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
VOCs											
1,1,2,2-Tetrachloroethane	960	8.7	0.11	0.11	0.066 UJ	0.0057 U	0.004 U	0.0075 UJ	0.006 U	0.0048 U	0.066 U
1,1,2-Trichloroethane	600	15	0.3	0.3	0.066 UJ	0.0057 U	0.004 U	0.0075 U	0.006 U	0.0048 U	0.066 U
1,1-Dichloroethane	8600	1700	58	58	0.066 UJ	0.0057 U	0.004 U	0.0075 U	0.006 U	0.0048 U	0.066 U
1,1-Dichloroethene	2200	410	42	42	0.066 UJ	0.0057 U	0.004 U	0.0075 U	0.006 U	0.0048 U	0.066 U
1,2-Dichloroethane	150	5.8	0.15	0.15	0.066 UJ	0.0057 U	0.004 U	0.0075 U	0.006 U	0.0048 U	0.066 U
1,2-Dichloropropane	100	7.2	0.25	0.25	0.066 UJ	0.0057 U	0.004 U	0.0075 U	0.006 U	0.0048 U	0.066 U
2-Butanone (MEK)	260000	70000	250	250	0.13 UJ	0.0057 U	0.004 U	0.0075 U	0.006 U	0.0048 U	0.13 U
4-Methyl-2-pentanone (MIBK)	64000	29000	75	75	0.13 UJ	0.0057 U	0.004 U	0.0075 U	0.006 U	0.0048 U	0.13 U
Acetone	230000	51000	370	370	0.26 UJ	0.028	0.017	0.067	0.006 U	0.054 J	0.26 UJ
Acrolein	3.5	0.64	0.25	0.25	2.6 UJ	0.23 U	0.16 U	0.3 U	0.24 U	0.19 U	2.6 U
Benzene	560	14	0.35	0.35	0.033 UJ	0.0057 U	0.004 U	0.0075 U	0.006 U	0.0048 U	0.033 U
Bromodichloromethane	2100	17	0.51	0.51	0.13 UJ	0.0057 U	0.004 U	0.0075 U	0.006 U	0.0048 U	0.13 U
Bromoform	7700	580	2.7	2.7	0.13 UJ	0.0057 U	0.004 U	0.0075 U	0.006 U	0.0048 U	0.13 U
Bromomethane	69	13	0.7	0.7	0.13 UJ	0.0057 U	0.004 U	0.0075 U	0.006 U	0.0048 U	0.13 U
Carbon disulfide	6200	1200	82	82	0.13 UJ	0.0057 U	0.004 U	0.0075 U	0.006 U	0.0048 U	0.13 U
Carbon tetrachloride	38	5.2	0.29	0.29	0.066 UJ	0.0057 U	0.004 U	0.0075 U	0.006 U	0.0048 U	0.066 U
Chlorobenzene	2600	510	27	27	0.066 UJ	0.0057 U	0.004 U	0.0075 U	0.006 U	0.0048 U	0.066 U
Chloroethane	16000	120	10	10	0.13 UJ	0.0057 U	0.004 U	0.0075 U	0.006 U	0.0048 U	0.13 U
Chloroform	650	4.7	6	4.7	0.066 UJ	0.0057 U	0.004 U	0.0075 U	0.006 U	0.0048 U	0.066 U
cis-1,2-Dichloroethene	750	140	5.8	5.8	0.066 UJ	0.0057 U	0.004 U	0.0075 U	0.006 U	0.0048 U	0.066 U
cis-1,3-Dichloropropene	NE	NE	NE	NE	0.066 UJ	0.0057 U	0.004 U	0.0075 U	0.006 U	0.0048 U	0.066 U
Ethylbenzene	29000	6800	200	160	3.5 J	0.0057 U	0.004 U	0.0075 U	0.006 U	0.0048 U	0.033 U
Methyl tert-butyl ether	65000	650	3.2	3.2	0.13 UJ	0.0057 U	0.004 U	0.0075 U	0.006 U	0.0048 U	0.13 U
Methylene Chloride	22000	200	1.8	1.8	0.13 UJ	0.0057 U	0.004 U	0.0075 U	0.006 U	0.0048 UJ	0.14 J
n-Butyl alcohol	2700	490	44	44	13 UJ	0.45 U	0.32 U	0.6 U	0.48 U	0.39 U	13 U
Styrene	68000	16000	720	550	0.066 UJ	0.0057 U	0.004 U	0.0075 U	0.006 U	0.0048 U	0.066 U
Tetrachloroethene	660	16	0.64	0.64	0.066 UJ	0.0057 U	0.004 U	0.0075 U	0.006 U	0.004 J	0.066 U
Toluene	49000	16000	96	96	1.1 J	0.0057 U	0.004 U	0.0075 U	0.006 U	0.0048 U	0.033 U
trans-1,2-Dichloroethene	1200	230	14	14	0.066 UJ	0.0057 U	0.004 U	0.0075 U	0.006 U	0.0048 U	0.066 U
trans-1,3-Dichloropropene	NE	NE	NE	NE	0.066 UJ	0.0057 U	0.004 U	0.0075 U	0.006 U	0.0048 U	0.066 U
Trichloroethene	210	24	0.35	0.35	0.033 UJ	0.0057 U	0.004 U	0.0075 U	0.006 U	0.44 J	1.6 J
Vinyl acetate	7600	1400	430	430	0.13 UJ	0.0057 U	0.004 U	0.0075 U	0.006 U	0.0048 U	0.13 U
Vinyl chloride	250	6.4	0.027	0.027	0.033 UJ	0.0057 U	0.004 U	0.0075 U	0.006 U	0.0048 U	0.033 U
Xylenes, Total	4800	890	430	170	27 J	0.061	0.004 U	0.0075 U	0.006 U	0.0048 U	0.066 U
pH	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 2
Soil Analytical Data For VOCs Compared with Industrial Closure Levels
La Porte Center Brownfield Redevelopment Project
Verma Property
La Porte, Indiana

Parameter	Construction	Soil Direct	Migration to GW	DCLs	VPBH-24	VPBH-25	VPBH-26	VPBH-27	VPBH-28	VPBH-29	VPBH-29A	VPBH-H
Depth (ft)					2-4	2-4	2-4	4-6	6-8	2-4	4-6	5-6
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	(mg/kg)
VOCs												
1,1,2,2-Tetrachloroethane	960	8.7	0.11	0.11	0.081 U	0.081 U	0.0056 UJ	0.004 U	0.0048 U	0.0063 U	0.0061 U	R
1,1,2-Trichloroethane	600	15	0.3	0.3	0.081 U	0.081 U	0.0056 U	0.004 U	0.0048 U	0.0063 U	0.0061 U	0.0056
1,1-Dichloroethane	8600	1700	58	58	0.081 U	0.081 U	0.0056 U	0.004 U	0.0048 U	0.0063 U	0.0061 U	0.0056
1,1-Dichloroethene	2200	410	42	42	0.081 U	0.081 U	0.0056 U	0.004 U	0.0048 U	0.0063 U	0.0061 U	0.0056
1,2-Dichloroethane	150	5.8	0.15	0.15	0.081 U	0.081 U	0.0056 U	0.004 U	0.0048 U	0.0063 U	0.0061 U	0.0056
1,2-Dichloropropane	100	7.2	0.25	0.25	0.081 U	0.081 U	0.0056 U	0.004 U	0.0048 U	0.0063 U	0.0061 U	0.0056
2-Butanone (MEK)	260000	70000	250	250	0.16 U	0.16 U	0.0057	0.004 U	0.0048 U	0.01	0.016	0.019
4-Methyl-2-pentanone (MIBK)	64000	29000	75	75	0.16 U	0.16 U	0.0056 U	0.004 U	0.0048 U	0.0063 U	0.0061 U	0.0056
Acetone	230000	51000	370	370	0.32 U	0.32 U	0.087	0.02 J	0.026	0.071	0.1	0.25
Acrolein	3.5	0.64	0.25	0.25	3.2 U	3.2 U	0.22 U	0.16 U	0.19 U	0.25 U	0.24 U	0.22
Benzene	560	14	0.35	0.35	1.3	0.17	0.0045 J	0.004 U	0.0048 U	0.0063 U	0.0061 U	0.0056
Bromodichloromethane	2100	17	0.51	0.51	0.16 U	0.16 U	0.0056 U	0.004 U	0.0048 U	0.0063 U	0.0061 U	0.0056
Bromoform	7700	580	2.7	2.7	0.16 U	0.16 U	0.0056 U	0.004 U	0.0048 U	0.0063 U	0.0061 U	0.0056
Bromomethane	69	13	0.7	0.7	0.16 U	0.16 U	0.0056 U	0.004 UJ	0.0048 U	0.0063 U	0.0061 U	0.0056
Carbon disulfide	6200	1200	82	82	0.16 U	0.16 U	0.0056 U	0.004 U	0.0048 U	0.0063 U	0.0061 U	0.0056
Carbon tetrachloride	38	5.2	0.29	0.29	0.081 U	0.081 U	0.0056 U	0.004 U	0.0048 U	0.0063 U	0.0061 U	0.0056
Chlorobenzene	2600	510	27	27	0.081 U	0.081 U	0.0056 U	0.004 U	0.0048 U	0.0063 U	0.0061 U	0.0056
Chloroethane	16000	120	10	10	0.16 U	0.16 U	0.0056 U	0.004 UJ	0.0048 U	0.0063 U	0.0061 U	0.0056
Chloroform	650	4.7	6	4.7	0.081 U	0.081 U	0.0056 U	0.004 U	0.0048 U	0.0063 U	0.0061 U	0.0056
cis-1,2-Dichloroethene	750	140	5.8	5.8	0.081 U	0.081 U	0.0056 U	0.004 U	0.0048 U	0.0063 U	0.0061 U	0.0056
cis-1,3-Dichloropropene	NE	NE	NE	NE	0.081 U	0.081 U	0.0056 U	0.004 U	0.0048 U	0.0063 U	0.0061 U	0.0056
Ethylbenzene	29000	6800	200	160	0.16	0.041 U	0.0056 U	0.004 U	0.0048 U	0.0063 U	0.0061 U	0.0056
Methyl tert-butyl ether	65000	650	3.2	3.2	0.16 U	0.16 U	0.0056 U	0.004 UJ	0.0048 U	0.0063 U	0.0061 U	0.0056
Methylene Chloride	22000	200	1.8	1.8	0.19	0.2	0.0056 U	0.004 U	0.0048 U	0.0063 U	0.0061 U	0.0056
n-Butyl alcohol	2700	490	44	44	16 U	16 U	0.45 U	0.32 U	0.38 U	0.5 U	0.49 U	0.45
Styrene	68000	16000	720	550	0.081 U	0.081 U	0.0056 U	0.004 U	0.0048 U	0.0063 U	0.0061 U	0.0056
Tetrachloroethene	660	16	0.64	0.64	0.081 U	0.081 U	0.0056 U	0.004 U	0.0048 U	0.0063 U	0.0061 U	0.0056
Toluene	49000	16000	96	96	0.69	0.12	0.0056 U	0.004 U	0.0048 U	0.0042 J	0.0061 U	0.0056
trans-1,2-Dichloroethene	1200	230	14	14	0.081 U	0.081 U	0.0056 U	0.004 U	0.0048 U	0.0063 U	0.0061 U	0.0056
trans-1,3-Dichloropropene	NE	NE	NE	NE	0.081 U	0.081 U	0.0056 U	0.004 U	0.0048 U	0.0063 U	0.0061 U	0.0056
Trichloroethene	210	24	0.35	0.35	0.04 U	0.041 U	0.0056 U	0.004 U	0.0048 U	0.0063 U	0.0061 U	0.0056
Vinyl acetate	7600	1400	430	430	0.16 U	0.16 U	0.0056 U J	0.004 UJ	0.0048 UJ	0.0063 UJ	0.0061 UJ	0.0056
Vinyl chloride	250	6.4	0.027	0.027	0.04 U	0.041 U	0.0056 U	0.004 UJ	0.0048 U	0.0063 U	0.0061 U	0.0056
Xylenes, Total	4800	890	430	170	1.8	0.35	0.0056 U	0.004 U	0.0048 U	0.0063 U	0.0061 U	0.0056
pH	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 2
Soil Analytical Data For VOCs Compared with Industrial Closure Levels
La Porte Center Brownfield Redevelopment Project
Verma Property
La Porte, Indiana

Parameter	Construction	Soil Direct	Migration to GW	DCLs		VPBH-H2A	VPBH-H3	VPBH-H3DUP	VPBH-STEEL	VPBH-V3
Depth (ft)						3-5	5-6	5-6	5-7	5-7
Units	mg/kg	mg/kg	mg/kg	mg/kg		(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
VOCs										
1,1,2,2-Tetrachloroethane	960	8.7	0.11	0.11		R	0.0048 UJ	0.0043 U	0.0044 UJ	0.0048 UJ
1,1,2-Trichloroethane	600	15	0.3	0.3	U	0.0075 U	0.0048 U	0.0043 U	0.0044 U	0.0048 U
1,1-Dichloroethane	8600	1700	58	58	U	0.0075 U	0.0048 U	0.0043 U	0.0044 U	0.0048 U
1,1-Dichloroethene	2200	410	42	42	U	0.0075 U	0.0048 U	0.0043 U	0.0044 U	0.0048 U
1,2-Dichloroethane	150	5.8	0.15	0.15	U	0.0075 U	0.0048 U	0.0043 U	0.0044 U	0.0048 U
1,2-Dichloropropane	100	7.2	0.25	0.25	U	0.0075 U	0.0048 U	0.0043 U	0.0044 U	0.0048 U
2-Butanone (MEK)	260000	70000	250	250		0.0075 U	0.0048 U	0.0043 U	0.011	0.0048 U
4-Methyl-2-pentanone (MIBK)	64000	29000	75	75	U	0.0075 U	0.0048 U	0.0043 U	0.0044 U	0.0048 U
Acetone	230000	51000	370	370	J	0.017	0.0048 UJ	0.014 J	0.079	0.0048 U
Acrolein	3.5	0.64	0.25	0.25	U	0.3 U	0.19 U	0.17 U	0.18 U	0.19 U
Benzene	560	14	0.35	0.35	U	0.0075 U	0.0048 U	0.0043 U	0.0033 J	0.0048 U
Bromodichloromethane	2100	17	0.51	0.51	U	0.0075 U	0.0048 U	0.0043 U	0.0044 U	0.0048 U
Bromoform	7700	580	2.7	2.7	UJ	0.0075 UJ	0.0048 U	0.0043 U	0.0044 U	0.0048 U
Bromomethane	69	13	0.7	0.7	U	0.0075 U	0.0048 U	0.0043 U	0.0044 U	0.0048 U
Carbon disulfide	6200	1200	82	82	U	0.0075 U	0.0048 U	0.0043 U	0.0044 U	0.0048 U
Carbon tetrachloride	38	5.2	0.29	0.29	U	0.0075 U	0.0048 U	0.0043 U	0.0044 U	0.0048 U
Chlorobenzene	2600	510	27	27	UJ	0.0075 UJ	0.0048 U	0.0043 U	0.0044 U	0.0048 U
Chloroethane	16000	120	10	10	U	0.0075 U	0.0048 U	0.0043 U	0.0044 U	0.0048 U
Chloroform	650	4.7	6	4.7	U	0.0075 U	0.0048 U	0.0043 U	0.0044 U	0.0048 U
cis-1,2-Dichloroethene	750	140	5.8	5.8	U	0.0075 U	0.0048 U	0.0043 U	0.0044 U	0.0048 U
cis-1,3-Dichloropropene	NE	NE	NE	NE	U	0.0075 U	0.0048 U	0.0043 U	0.0044 U	0.0048 U
Ethylbenzene	29000	6800	200	160	UJ	0.0075 UJ	0.0048 U	0.0043 U	0.0044 U	0.0048 U
Methyl tert-butyl ether	65000	650	3.2	3.2	U	0.0075 U	0.0048 U	0.0043 U	0.0044 U	0.0048 U
Methylene Chloride	22000	200	1.8	1.8	U	0.0075 U	0.0048 U	0.0043 U	0.0044 U	0.0048 U
n-Butyl alcohol	2700	490	44	44	U	0.6 U	0.39 U	0.34 U	0.35 U	0.39 U
Styrene	68000	16000	720	550	UJ	0.0075 UJ	0.0048 U	0.0043 U	0.0044 U	0.0048 U
Tetrachloroethene	660	16	0.64	0.64	UJ	0.0075 UJ	0.0048 U	0.0043 U	0.0044 U	0.0048 U
Toluene	49000	16000	96	96	U	0.0075 U	0.0048 U	0.0043 U	0.0044 U	0.0048 U
trans-1,2-Dichloroethene	1200	230	14	14	U	0.0075 U	0.0048 U	0.0043 U	0.0044 U	0.0048 U
trans-1,3-Dichloropropene	NE	NE	NE	NE	U	0.0075 U	0.0048 U	0.0043 U	0.0044 U	0.0048 U
Trichloroethene	210	24	0.35	0.35	U	0.0075 U	0.0048 U	0.0043 U	0.0044 U	0.0048 U
Vinyl acetate	7600	1400	430	430	UJ	0.0075 UJ	0.0048 UJ	0.0043 UJ	0.0044 UJ	0.0048 UJ
Vinyl chloride	250	6.4	0.027	0.027	U	0.0075 U	0.0048 U	0.0043 U	0.0044 U	0.0048 U
Xylenes, Total	4800	890	430	170	UJ	0.0075 UJ	0.0048 U	0.0043 U	0.0044 U	0.0048 U
pH	NA	NA	NA	NA		NA	NA	NA	NA	NA
Total Organic Carbon	NA	NA	NA	NA		NA	NA	NA	NA	NA

Notes:
All units are in milligrams per kilogram (mg/kg).
Industrial closure levels are based on different routes of exposure (e.g., construction worker, direct exposure, migration to groundwater pathway). Appendix I, Table A: Default Closure Table.
Default elosure level is dctermined from the lowest value of soil saturation, soil attenuation capacity, eonstruction worker, direct, and migration to groundwater pathways.
NA = Not Analyzed
U = Not Detected. Value shown is the reporting limit.
J = Estimated concentration due to the results being below the sample reporting limit or where results were did not meet quality control criteria.
UJ = Not detected at or above the sample reporting limit.
R = The result was rejected.
NE = Closure Level Not Established
A bold value indicates an elevated reporting limit exceeding the soil default closure level.
A bold and bracket value indicates exceedance of migration to groudwater and default closure levels.
A bold and italic value indicates exceedance of direct exposure and default closure levels.
A bold, italic, and bracketed value indicates exceedance of direct exposure, migration to groundwater, and default closure levels.
A bold, italie, bracketed, and shaded value indicates exceedance of construction worker, direct exposurc, migration to groundwater, and default closure levels.

Table 3
Soil Analytical Data For SVOCs Compared with Industrial Closure Levels
La Porte Center Brownfield Redevelopment Project
Verma Property
La Porte, Indiana

Parameter	Construction	Soil Direct	Migration to GW	DCLs	PHYS-2	PHYS-3	VPBH-09	VPBH-09-8-10	VPBH-09SS	VPBH-10
Depth (ft)					10-12	14-16		8-10	0-2	0-2
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
SVOCs										
1,2,4-Trichlorobenzene	8900	4900	77	77	0.73 U	0.25 U	0.72 U	0.23 U	0.88 U	0.96 U
1,2-Dichlorobenzene	18000	3900	270	220	0.73 U	0.25 U	0.72 U	0.23 U	0.88 U	0.96 U
1,3-Dichlorobenzene	2200	890	8.9	8.9	0.73 U	0.25 U	0.72 U	0.23 U	0.88 U	0.96 U
1,4-Dichlorobenzene	8000	73	3.4	3.4	0.73 U	0.25 U	0.72 U	0.23 U	0.88 U	0.96 U
2,2'-oxybis[1-chloropropane]	5200	61	0.26	0.26	0.73 U	0.25 U	0.72 U	0.23 U	0.88 U	0.96 U
2,4,5-Trichlorophenol	89000	49000	690	690	1.4 U	0.49 U	1.4 U	0.45 U	1.7 U	1.9 U
2,4,6-Trichlorophenol	89	49	0.2	0.2	1.4 U	0.49 U	1.4 U	0.45 U	1.7 U	1.9 U
2,4-Dichlorophenol	2700	1500	3	3	1.4 U	0.49 U	1.4 U	0.45 U	1.7 U	1.9 U
2,4-Dimethylphenol	18000	9800	25	25	1.4 U	0.49 U	1.4 U	0.45 U	1.7 U	1.9 U
2,4-Dinitrophenol	1800	980	0.82	0.82	2.9 U	0.99 U	2.9 U	0.91 U	3.5 U	3.9 U
2,4-Dinitrotoluene	NE	NE	NE	NE	0.73 U	0.25 U	0.72 U	0.23 U	0.88 U	0.96 U
2,6-Dinitrotoluene	NE	NE	NE	NE	0.73 U	0.25 U	0.72 U	0.23 U	0.88 U	0.96 U
2-Chloronaphthalene	71000	39000	560	560	0.73 U	0.25 U	0.72 U	0.23 U	0.88 U	0.96 U
2-Chlorophenol	2200	580	10	10	0.73 U	0.25 U	0.72 U	0.23 U	0.88 U	0.96 U
2-Methylnaphthalene	3300	1600	42	42	0.73 U	0.25 U	0.3 J	0.23 U	0.37 J	1.6
2-Methylphenol	39000	17000	39	39	0.73 U	0.25 U	0.72 U	0.23 U	0.88 U	0.96 U
2-Nitroaniline	2700	1500	1.9	1.9	0.73 U	0.25 U	0.72 U	0.23 U	0.88 U	0.96 U
2-Nitrophenol	NE	NE	NE	NE	1.4 U	0.49 U	1.4 U	0.45 U	1.7 U	1.9 U
3,3'-Dichlorobenzidine	1400	31	0.21	0.21	0.73 U	0.25 U	0.72 U	0.23 U	0.88 U	0.96 U
3-Nitroaniline	NE	NE	NE	NE	1.4 U	0.49 U	1.4 U	0.45 U	1.7 U	1.9 U
4,6-Dinitro-2-methylphenol	NE	NE	NE	NE	1.4 U	0.49 U	1.4 U	0.45 U	1.7 U	1.9 U
4-Bromophenyl phenyl ether	NE	NE	NE	NE	0.73 U	0.25 U	0.72 U	0.23 U	0.88 U	0.96 U
4-Chloro-3-methylphenol	NE	NE	NE	NE	1.4 U	0.49 U	1.4 U	0.45 U	1.7 U	1.9 U
4-Chloroaniline	3600	2000	2.7	2.7	2.9 U	0.99 U	2.9 U	0.91 U	3.5 U	3.9 U
4-Chlorophenyl phenyl ether	NE	NE	NE	NE	0.73 U	0.25 U	0.72 U	0.23 U	0.88 U	0.96 U
4-Methylphenol	4400	2500	3	3	0.73 U	0.25 U	0.72 U	0.23 U	0.88 U	0.96 U
4-Nitroaniline	NE	NE	NE	NE	1.4 U	0.49 U	1.4 U	0.45 U	1.7 U	1.9 U
4-Nitrophenol	NE	NE	NE	NE	2.9 U	0.99 U	2.9 U	0.91 U	3.5 U	3.9 U
Acenaphthene	50000	24000	1200	1200	0.14 U	0.049 U	0.083 J	0.045 U	0.069 J	0.32
Acenaphthylene	5900	2800	180	180	0.14 U	0.049 U	0.14 U	0.045 U	0.17 U	0.19 U
Anthracene	250000	120000	51	51	0.14 U	0.049 U	0.1 J	0.045 U	0.1 J	0.27
Benzidine	NE	NE	NE	NE	2.9 U	0.99 U	2.9 U	0.91 U	3.5 U	3.9 U
Benzo[a]anthracene	790	15	62	15	0.14 U	0.049 U	0.28	0.022 J	0.4	0.54

Table 3
Soil Analytical Data For SVOCs Compared with Industrial Closure Levels
La Porte Center Brownfield Redevelopment Project
Verma Property
La Porte, Indiana

Parameter	Construction	Soil Direct	Migration to GW	DCLs	PHYS-2	PHYS-3	VPBH-09	VPBH-09-8-10	VPBH-09SS	VPBH-10
Depth (ft)					10-12	14-16		8-10	0-2	0-2
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
SVOCs										
Benzo[a]pyrene	79	1.5	16	1.5	0.14 U	0.049 U	0.17	0.045 U	0.34	0.42
Benzo[b]fluoranthene	790	15	74	15	0.14 U	0.049 U	0.15	0.038 J	0.48	0.44
Benzo[g,h,i]perylene	7900	150	16	16	0.14 U	0.049 U	0.15	0.027 J	0.27	0.33
Benzo[k]fluoranthene	7900	150	39	39	0.14 U	0.049 U	0.19	0.045 U	0.24	0.14 J
Benzoic acid	1000000	1000000	1600	1600	7.3 U	2.5 U	7.2 U	2.3 U	8.8 U	9.6 U
Benzyl alcohol	270000	150000	140	140	1.4 U	0.49 U	1.4 U	0.45 U	1.7 U	1.9 U
Bis(2-chloroethoxy)methane	NE	NE	NE	NE	0.73 U	0.25 U	0.72 U	0.23 U	0.88 U	0.96 U
Bis(2-chloroethyl)ether	280	3	0.012	0.012	0.73 U	0.25 U	0.72 U	0.23 U	0.88 U	0.96 U
Bis(2-ethylhexyl) phthalate	18000	980	120000	980	0.32 J	0.078 J	2.4	0.1 J	0.58 J	0.96 U
Butyl benzyl phthalate	180000	98000	6200	310	0.73 U	0.25 U	0.72 U	0.23 U	0.88 U	0.96 U
Carbazole	31000	690	20	20	0.73 U	0.25 U	0.72 U	0.23 U	0.88 U	0.96 U
Chrysene	79000	1500	25	25	0.14 U	0.049 U	0.35	0.063	0.47	0.66
Dibenz(a,h)anthracene	79	1.5	60	1.5	0.14 U	0.049 U	0.14 U	0.045 U	0.17 U	0.19 U
Dibenzofuran	1800	980	65	65	0.73 U	0.25 U	0.22 J	0.23 U	0.22 J	2
Diethyl phthalate	710000	390000	1300	840	0.73 U	0.25 U	0.72 U	0.23 U	0.88 U	0.96 U
Dimethyl phthalate	1000000	1000000	5600	1100	0.73 U	0.25 U	0.72 U	0.23 U	0.88 U	0.96 U
Di-n-butyl phthalate	89000	49000	14000	760	0.73 U	0.25 U	0.72 U	0.23 U	0.88 U	0.96 U
Di-n-octyl phthalate	36000	20000	67000	2000	0.73 U	0.25 U	0.72 U	0.23 U	0.88 U	0.96 U
Fluoranthene	33000	16000	880	880	0.14 U	0.049 U	0.44	0.043 J	0.53	0.84
Fluorene	33000	16000	1100	1100	0.14 U	0.049 U	0.082 J	0.045 U	0.081 J	0.42
Hexachlorobenzene	390	8.6	3.9	3.9	0.29 U	0.099 U	0.29 U	0.091 U	0.35 U	0.39 U
Hexachlorobutadiene	270	150	66	66	0.73 U	0.25 U	0.72 U	0.23 U	0.88 U	0.96 U
Hexachlorocyclopentadiene	5300	2900	4900	720	2.9 U	0.99 U	2.9 U	0.91 U	3.5 U	3.9 U
Hexachloroethane	660	240	7.7	7.7	0.73 U	0.25 U	0.72 U	0.23 U	0.88 U	0.96 U
Indeno[1,2,3-cd]pyrene	790	15	3.1	3.1	0.14 U	0.049 U	0.081 J	0.045 U	0.19	0.17 J
Isophorone	180000	14000	18	18	0.73 U	0.25 U	0.72 U	0.23 U	0.88 U	0.96 U
Naphthalene	17000	8000	170	170	0.14 U	0.049 U	0.098 J	0.045 U	0.11 J	0.35
Nitrobenzene	440	250	0.34	0.34	0.14 U	0.049 U	0.14 U	0.045 U	0.17 U	0.19 U
N-Nitrosodi-n-propylamine	89	2	0.002	0.002	0.73 U	0.25 U	0.72 U	0.23 U	0.88 U	0.96 U
N-Nitrosodiphenylamine	18000	2800	32	32	0.73 U	0.25 U	0.72 U	0.23 U	0.88 U	0.96 U
Pentachlorophenol	3800	54	0.66	0.66	2.9 U	0.99 U	2.9 U	0.91 U	3.5 U	3.9 U
Phenanthrene	2500	1200	170	170	0.14 U	0.049 U	1.1	0.027 J	1.2	5.9
Phenol	230000	96000	160	160	0.73 U	0.25 U	0.72 U	0.23 U	0.88 U	0.96 U
Pyrene	25000	12000	570	570	0.14 U	0.049 U	0.89	0.065	0.64	1

Table 3
Soil Analytical Data For SVOCs Compared with Industrial Closure Levels
La Porte Center Brownfield Redevelopment Project
Verma Property
La Porte, Indiana

Parameter	Construction	Soil Direct	Migration to GW	DCLs	VPBH-11	VPBH-12	VPBH-13	VPBH-14	VPBH-15	VPBH-16	VPBH-17
Depth (ft)					2-4	0-2	6-8	0-2	0-2	0-2	4-6
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
SVOCs											
1,2,4-Trichlorobenzene	8900	4900	77	77	0.19 U	0.88 U	0.21 U	1 U	0.18 U	0.89 U	0.18 U
1,2-Dichlorobenzene	18000	3900	270	220	0.19 U	0.88 U	0.21 U	1 U	0.18 U	0.89 U	0.18 U
1,3-Dichlorobenzene	2200	890	8.9	8.9	0.19 U	0.88 U	0.21 U	1 U	0.18 U	0.89 U	0.18 U
1,4-Dichlorobenzene	8000	73	3.4	3.4	0.19 U	0.88 U	0.21 U	1 U	0.18 U	0.89 U	0.18 U
2,2'-oxybis[1-chloropropane]	5200	61	0.26	0.26	0.19 U	0.88 U	0.21 U	1 U	0.18 U	0.89 U	0.18 U
2,4,5-Trichlorophenol	89000	49000	690	690	0.37 U	1.7 U	0.41 U	2 U	0.35 U	1.8 U	0.36 U
2,4,6-Trichlorophenol	89	49	0.2	0.2	0.37 U	1.7 U	0.41 U	2 U	0.35 U	1.8 U	0.36 U
2,4-Dichlorophenol	2700	1500	3	3	0.37 U	1.7 U	0.41 U	2 U	0.35 U	1.8 U	0.36 U
2,4-Dimethylphenol	18000	9800	25	25	0.37 U	1.7 U	0.41 U	2 U	0.35 U	1.8 U	0.36 U
2,4-Dinitrophenol	1800	980	0.82	0.82	0.74 U	3.5 U	0.83 U	4 U	0.71 U	3.6 U	0.73 U
2,4-Dinitrotoluene	NE	NE	NE	NE	0.19 U	0.88 U	0.21 U	1 U	0.18 U	0.89 U	0.18 U
2,6-Dinitrotoluene	NE	NE	NE	NE	0.19 U	0.88 U	0.21 U	1 U	0.18 U	0.89 U	0.18 U
2-Chloronaphthalene	71000	39000	560	560	0.19 U	0.88 U	0.21 U	1 U	0.18 U	0.89 U	0.18 U
2-Chlorophenol	2200	580	10	10	0.19 U	0.88 U	0.21 U	1 U	0.18 U	0.89 U	0.18 U
2-Methylnaphthalene	3300	1600	42	42	0.19 U	0.37 J	0.08 J	1.5	0.18 U	0.22 J	0.18 U
2-Methylphenol	39000	17000	39	39	0.19 U	0.88 U	0.21 U	1 U	0.18 U	0.89 U	0.18 U
2-Nitroaniline	2700	1500	1.9	1.9	0.19 U	0.88 U	0.21 U	1 U	0.18 U	0.89 U	0.18 U
2-Nitrophenol	NE	NE	NE	NE	0.37 U	1.7 U	0.41 U	2 U	0.35 U	1.8 U	0.36 U
3,3'-Dichlorobenzidine	1400	31	0.21	0.21	0.19 U	0.88 U	0.21 U	1 U	0.18 U	0.89 U	0.18 U
3-Nitroaniline	NE	NE	NE	NE	0.37 U	1.7 U	0.41 U	2 U	0.35 U	1.8 U	0.36 U
4,6-Dinitro-2-methylphenol	NE	NE	NE	NE	0.37 U	1.7 U	0.41 U	2 U	0.35 U	1.8 U	0.36 U
4-Bromophenyl phenyl ether	NE	NE	NE	NE	0.19 U	0.88 U	0.21 U	1 U	0.18 U	0.89 U	0.18 U
4-Chloro-3-methylphenol	NE	NE	NE	NE	0.37 U	1.7 U	0.41 U	2 U	0.35 U	1.8 U	0.36 U
4-Chloroaniline	3600	2000	2.7	2.7	0.74 U	3.5 U	0.83 U	4 U	0.71 U	3.6 U	0.73 U
4-Chlorophenyl phenyl ether	NE	NE	NE	NE	0.19 U	0.88 U	0.21 U	1 U	0.18 U	0.89 U	0.18 U
4-Methylphenol	4400	2500	3	3	0.19 U	0.88 U	0.21 U	1 U	0.18 U	0.89 U	0.18 U
4-Nitroaniline	NE	NE	NE	NE	0.37 U	1.7 U	0.41 U	2 U	0.35 U	1.8 U	0.36 U
4-Nitrophenol	NE	NE	NE	NE	0.74 U	3.5 U	0.83 U	4 U	0.71 U	3.6 U	0.73 U
Acenaphthene	50000	24000	1200	1200	0.037 U	0.069 J	0.041 U	0.1 J	0.035 U	0.11 J	0.036 U
Acenaphthylene	5900	2800	180	180	0.037 U	0.17 U	0.041 U	0.22	0.035 U	0.18 U	0.036 U
Anthracene	250000	120000	51	51	0.037 U	0.1 J	0.018 J	0.39	0.035 U	0.27	0.036 U
Benzidine	NE	NE	NE	NE	0.74 U	3.5 U	0.83 U	4 U	0.71 U	3.6 U	0.73 U
Benzo[a]anthracene	790	15	62	15	0.012 J	0.4	0.097	1.2	0.035 U	1.4	0.0099 J

Table 3
Soil Analytical Data For SVOCs Compared with Industrial Closure Levels
La Porte Center Brownfield Redevelopment Project
Verma Property
La Porte, Indiana

Parameter	Construction	Soil Direct	Migration to GW	DCLs	VPBH-11	VPBH-12	VPBH-13	VPBH-14	VPBH-15	VPBH-16	VPBH-17
Depth (ft)					2-4	0-2	6-8	0-2	0-2	0-2	4-6
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
SVOCs											
Benzo[a]pyrene	79	1.5	16	1.5	0.014 J	0.34	0.078	1.1	0.035 U	1.4	0.011 J
Benzo[b]fluoranthene	790	15	74	15	0.016 J	0.48	0.15	1.8	0.035 U	1.9	0.016 J
Benzo[g,h,i]perylene	7900	150	16	16	0.014 J	0.27	0.059	0.9	0.035 U	1.2	0.011 J
Benzo[k]fluoranthene	7900	150	39	39	0.013 J	0.24	0.062	0.83	0.035 U	0.91	0.036 U
Benzoic acid	1000000	1000000	1600	1600	1.9 U	8.8 U	2.1 U	10 U	1.8 U	8.9 U	1.8 U
Benzyl alcohol	270000	150000	140	140	0.37 U	1.7 U	0.41 U	2 U	0.35 U	1.8 U	0.36 U
Bis(2-chloroethoxy)methane	NE	NE	NE	NE	0.19 U	0.88 U	0.21 U	1 U	0.18 U	0.89 U	0.18 U
Bis(2-chloroethyl)ether	280	3	0.012	0.012	0.19 U	0.88 U	0.21 U	1 U	0.18 U	0.89 U	0.18 U
Bis(2-ethylhexyl) phthalate	18000	980	120000	980	0.18 J	0.58 J	0.21	1 U	0.18 U	0.58 J	0.058 J
Butyl benzyl phthalate	180000	98000	6200	310	0.19 U	0.88 U	0.21 U	1 U	0.18 U	0.89 U	0.18 U
Carbazole	31000	690	20	20	0.19 U	0.88 U	0.21 U	1 U	0.18 U	0.89 U	0.18 U
Chrysene	79000	1500	25	25	0.015 J	0.47	0.15	1.5	0.0096 J	1.8	0.015 J
Dibenz(a,h)anthracene	79	1.5	60	1.5	0.037 U	0.17 U	0.029 J	0.29	0.035 U	0.32	0.036 U
Dibenzofuran	1800	980	65	65	0.19 U	0.22 J	0.21 U	0.55 J	0.18 U	0.2 J	0.18 U
Diethyl phthalate	710000	390000	1300	840	0.19 U	0.88 U	0.21 U	1 U	0.18 U	0.89 U	0.18 U
Dimethyl phthalate	1000000	1000000	5600	1100	0.19 U	0.88 U	0.21 U	1 U	0.18 U	0.89 U	0.18 U
Di-n-butyl phthalate	89000	49000	14000	760	0.19 U	0.88 U	0.21 U	1 U	0.18 U	0.89 U	0.18 U
Di-n-octyl phthalate	36000	20000	67000	2000	0.19 U	0.88 U	0.21 U	1 U	0.18 U	0.89 U	0.18 U
Fluoranthene	33000	16000	880	880	0.037 U	0.53	0.062	1.8	0.035 U	2.2	0.017 J
Fluorene	33000	16000	1100	1100	0.037 U	0.081 J	0.014 J	0.2 U	0.035 U	0.23	0.036 U
Hexachlorobenzene	390	8.6	3.9	3.9	0.074 U	0.35 U	0.083 U	0.4 U	0.071 U	0.36 U	0.073 U
Hexachlorobutadiene	270	150	66	66	0.19 U	0.88 U	0.21 U	1 U	0.18 U	0.89 U	0.18 U
Hexachlorocyclopentadiene	5300	2900	4900	720	0.74 U	3.5 U	0.83 U	4 U	0.71 U	3.6 U	0.73 U
Hexachloroethane	660	240	7.7	7.7	0.19 U	0.88 U	0.21 U	1 U	0.18 U	0.89 U	0.18 U
Indeno[1,2,3-cd]pyrene	790	15	3.1	3.1	0.037 U	0.19	0.047	0.75	0.035 U	0.94	0.036 U
Isophorone	180000	14000	18	18	0.19 U	0.88 U	0.21 U	1 U	0.18 U	0.89 U	0.18 U
Naphthalene	17000	8000	170	170	0.037 U	0.11 J	0.064	0.99	0.035 U	0.47	0.036 U
Nitrobenzene	440	250	0.34	0.34	0.037 U	0.17 U	0.041 U	0.2 U	0.035 U	0.18 U	0.036 U
N-Nitrosodi-n-propylamine	89	2	0.002	0.002	0.19 U	0.88 U	0.21 U	1 U	0.18 U	0.89 U	0.18 U
N-Nitrosodiphenylamine	18000	2800	32	32	0.19 U	0.88 U	0.21 U	1 U	0.18 U	0.89 U	0.18 U
Pentachlorophenol	3800	54	0.66	0.66	0.74 U	3.5 U	0.83 U	4 U	0.71 U	3.6 U	0.73 U
Phenanthrene	2500	1200	170	170	0.037 U	1.2	0.15	2.3	0.035 U	1.7	0.036 U
Phenol	230000	96000	160	160	0.19 U	0.88 U	0.21 U	1 U	0.18 U	0.89 U	0.18 U
Pyrene	25000	12000	570	570	0.037 U	0.64	0.061	2.4	0.012 J	2.4	0.017 J

Table 3
Soil Analytical Data For SVOCs Compared with Industrial Closure Levels
La Porte Center Brownfield Redevelopment Project
Verma Property
La Porte, Indiana

Parameter	Construction	Soil Direct	Migration to GW	DCLs	VPBH-18	VPBH-19	VPBH-20	VPBH-21	VPBH-22	VPBH-23	VPBH-23 DUP
Depth (ft)					2-4	5-7	3-5	3-5	5-7	8-10	8-10
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
SVOCs											
1,2,4-Trichlorobenzene	8900	4900	77	77	0.18 U	0.19 U	0.18 U	1.9 U	0.2 U	0.2 U	0.18 U
1,2-Dichlorobenzene	18000	3900	270	220	0.18 U	0.19 U	0.18 U	1.9 U	0.2 U	0.2 U	0.18 U
1,3-Dichlorobenzene	2200	890	8.9	8.9	0.18 U	0.19 U	0.18 U	1.9 U	0.2 U	0.2 U	0.18 U
1,4-Dichlorobenzene	8000	73	3.4	3.4	0.18 U	0.19 U	0.18 U	1.9 U	0.2 U	0.2 U	0.18 U
2,2'-oxybis[1-chloropropane]	5200	61	0.26	0.26	0.18 U	0.19 U	0.18 U	1.9 U	0.2 U	0.2 U	0.18 U
2,4,5-Trichlorophenol	89000	49000	690	690	0.35 U	0.37 U	0.36 U	3.7 U	0.39 U	0.39 U	0.35 U
2,4,6-Trichlorophenol	89	49	0.2	0.2	0.35 U	0.37 U	0.36 U	3.7 U	0.39 U	0.39 U	0.35 U
2,4-Dichlorophenol	2700	1500	3	3	0.35 U	0.37 U	0.36 U	3.7 U	0.39 U	0.39 U	0.35 U
2,4-Dimethylphenol	18000	9800	25	25	0.21 J	0.37 U	0.36 U	3.7 U	0.39 U	0.39 U	0.35 U
2,4-Dinitrophenol	1800	980	0.82	0.82	0.72 U	0.75 U	0.74 U	7.5 U	0.79 U	0.8 U	0.72 U
2,4-Dinitrotoluene	NE	NE	NE	NE	0.18 U	0.19 U	0.18 U	1.9 U	0.2 U	0.2 U	0.18 U
2,6-Dinitrotoluene	NE	NE	NE	NE	0.18 U	0.19 U	0.18 U	1.9 U	0.2 U	0.2 U	0.18 U
2-Chloronaphthalene	71000	39000	560	560	0.18 U	0.19 U	0.18 U	1.9 U	0.2 U	0.2 U	0.18 U
2-Chlorophenol	2200	580	10	10	0.18 U	0.19 U	0.18 U	1.9 U	0.2 U	0.2 U	0.18 U
2-Methylnaphthalene	3300	1600	42	42	0.31	0.19 U	0.18 U	0.96 J	0.2 U	0.2 U	0.18 U
2-Methylphenol	39000	17000	39	39	0.18 U	0.19 U	0.18 U	1.9 U	0.2 U	0.2 U	0.18 U
2-Nitroaniline	2700	1500	1.9	1.9	0.18 U	0.19 U	0.18 U	1.9 U	0.2 U	0.2 U	0.18 U
2-Nitrophenol	NE	NE	NE	NE	0.35 U	0.37 U	0.36 U	3.7 U	0.39 U	0.39 U	0.35 U
3,3'-Dichlorobenzidine	1400	31	0.21	0.21	0.18 U	0.19 U	0.18 U	1.9 U	0.2 U	0.2 U	0.18 U
3-Nitroaniline	NE	NE	NE	NE	0.35 U	0.37 U	0.36 U	3.7 U	0.39 U	0.39 U	0.35 U
4,6-Dinitro-2-methylphenol	NE	NE	NE	NE	0.35 U	0.37 U	0.36 U	3.7 U	0.39 U	0.39 U	0.35 U
4-Bromophenyl phenyl ether	NE	NE	NE	NE	0.18 U	0.19 U	0.18 U	1.9 U	0.2 U	0.2 U	0.18 U
4-Chloro-3-methylphenol	NE	NE	NE	NE	0.35 U	0.37 U	0.36 U	3.7 U	0.39 U	0.39 U	0.35 U
4-Chloroaniline	3600	2000	2.7	2.7	0.72 U	0.75 U	0.74 U	7.5 U	0.79 U	0.8 U	0.72 U
4-Chlorophenyl phenyl ether	NE	NE	NE	NE	0.18 U	0.19 U	0.18 U	1.9 U	0.2 U	0.2 U	0.18 U
4-Methylphenol	4400	2500	3	3	0.18 U	0.19 U	0.18 U	1.9 U	0.2 U	0.2 U	0.18 U
4-Nitroaniline	NE	NE	NE	NE	0.35 U	0.37 U	0.36 U	3.7 U	0.39 U	0.39 U	0.35 U
4-Nitrophenol	NE	NE	NE	NE	0.72 U	0.75 U	0.74 U	7.5 U	0.79 U	0.8 U	0.72 U
Acenaphthene	50000	24000	1200	1200	0.078	0.037 U	0.036 U	0.37 U	0.039 U	0.039 U	0.035 U
Acenaphthylene	5900	2800	180	180	0.035 U	0.037 U	0.036 U	0.37 U	0.039 U	0.039 U	0.035 U
Anthracene	250000	120000	51	51	0.22	0.015 J	0.036 U	0.37 U	0.039 U	0.039 U	0.035 U
Benzidine	NE	NE	NE	NE	0.72 U	0.75 U	0.74 U	7.5 U	0.79 U	0.8 U	0.72 U
Benzo[a]anthracene	790	15	62	15	0.47	0.082	0.07	0.37 U	0.039 U	0.039 U	0.0082 J

Table 3
Soil Analytical Data For SVOCs Compared with Industrial Closure Levels
La Porte Center Brownfield Redevelopment Project
Verma Property
La Porte, Indiana

Parameter	Construction	Soil Direct	Migration to GW	DCLs	VPBH-18	VPBH-19	VPBH-20	VPBH-21	VPBH-22	VPBH-23	VPBH-23 DUP
Depth (ft)					2-4	5-7	3-5	3-5	5-7	8-10	8-10
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
SVOCs											
Benzo[a]pyrene	79	1.5	16	1.5	0.35	0.07	0.072	0.52	0.039 U	0.039 U	0.035 U
Benzo[b]fluoranthene	790	15	74	15	0.41	0.13	0.19	0.53	0.039 U	0.039 U	0.011 J
Benzo[g,h,i]perylene	7900	150	16	16	0.21	0.067	0.083	0.74	0.039 U	0.013 J	0.012 J
Benzo[k]fluoranthene	7900	150	39	39	0.26	0.052	0.053	0.49	0.039 U	0.039 U	0.035 U
Benzoic acid	1000000	1000000	1600	1600	1.8 U	1.9 U	1.8 U	19 U	R	R	R
Benzyl alcohol	270000	150000	140	140	0.35 U	0.37 U	0.36 U	3.7 U	0.39 U	0.39 U	0.35 U
Bis(2-chloroethoxy)methane	NE	NE	NE	NE	0.18 U	0.19 U	0.18 U	1.9 U	0.2 U	0.2 U	0.18 U
Bis(2-chloroethyl)ether	280	3	0.012	0.012	0.18 U	0.19 U	0.18 U	1.9 U	0.2 U	0.2 U	0.18 U
Bis(2-ethylhexyl) phthalate	18000	980	120000	980	0.078 J	0.14 J	0.058 J	1.9 U	0.14 J	0.19 J	1.5 J
Butyl benzyl phthalate	180000	98000	6200	310	0.18 U	0.19 U	0.18 U	1.9 U	0.2 U	0.2 U	0.08 J
Carbazole	31000	690	20	20	0.092 J	0.19 U	0.18 U	1.9 U	0.2 U	0.2 U	0.18 U
Chrysene	79000	1500	25	25	0.56	0.11	0.13	0.37 U	0.039 U	0.013 J	0.015 J
Dibenz(a,h)anthracene	79	1.5	60	1.5	0.067	0.037 U	0.031 J	0.37 U	0.039 U	0.039 U	0.035 U
Dibenzofuran	1800	980	65	65	0.088 J	0.19 U	0.18 U	1.9 U	0.2 U	0.2 U	0.18 U
Diethyl phthalate	710000	390000	1300	840	0.18 U	0.19 U	0.18 U	1.9 U	0.2 U	0.2 U	0.18 U
Dimethyl phthalate	1000000	1000000	5600	1100	0.18 U	0.19 U	0.18 U	1.9 U	0.2 U	0.2 U	0.18 U
Di-n-butyl phthalate	89000	49000	14000	760	0.18 U	0.19 U	0.18 U	1.9 U	0.2 U	0.2 U	0.18 U
Di-n-octyl phthalate	36000	20000	67000	2000	0.18 U	0.19 U	0.18 U	1.9 U	0.2 U	0.2 U	0.18 U
Fluoranthene	33000	16000	880	880	1.1	0.15	0.085	0.5	0.039 U	0.039 U	0.035 U
Fluorene	33000	16000	1100	1100	0.14	0.037 U	0.036 U	0.37 U	0.039 U	0.039 U	0.035 U
Hexachlorobenzene	390	8.6	3.9	3.9	0.072 U	0.075 U	0.074 U	0.75 U	0.079 U	0.08 U	0.072 U
Hexachlorobutadiene	270	150	66	66	0.18 U	0.19 U	0.18 U	1.9 U	0.2 U	0.2 U	0.18 U
Hexachlorocyclopentadiene	5300	2900	4900	720	0.72 U	0.75 U	0.74 U	7.5 U	0.79 U	0.8 U	0.72 U
Hexachloroethane	660	240	7.7	7.7	0.18 U	0.19 U	0.18 U	1.9 U	0.2 U	0.2 U	0.18 U
Indeno[1,2,3-cd]pyrene	790	15	3.1	3.1	0.18	0.059	0.072	0.47	0.039 U	0.039 U	0.035 U
Isophorone	180000	14000	18	18	0.18 U	0.19 U	0.18 U	1.9 U	0.2 U	0.2 U	0.18 U
Naphthalene	17000	8000	170	170	1.6	0.029 J	0.036 U	0.6	0.039 U	0.039 U	0.035 U
Nitrobenzene	440	250	0.34	0.34	0.035 U	0.037 U	0.036 U	0.37 U	0.039 U	0.039 U	0.035 U
N-Nitrosodi-n-propylamine	89	2	0.002	0.002	0.18 U	0.19 U	0.18 U	1.9 U	0.2 U	0.2 U	0.18 U
N-Nitrosodiphenylamine	18000	2800	32	32	0.18 U	0.19 U	0.18 U	1.9 U	0.2 U	0.2 U	0.18 U
Pentachlorophenol	3800	54	0.66	0.66	0.72 U	0.75 U	0.74 U	7.5 U	0.79 U	0.8 U	0.72 U
Phenanthrene	2500	1200	170	170	1	0.09	0.036 J	0.97	0.039 U	0.039 U	0.035 U
Phenol	230000	96000	160	160	0.18 U	0.19 U	0.18 U	1.9 U	0.2 U	0.2 U	0.18 U
Pyrene	25000	12000	570	570	0.87	0.12	0.086	0.83	0.039 U	0.039 U	0.014 J

Table 3
Soil Analytical Data For SVOCs Compared with Industrial Closure Levels
La Porte Center Brownfield Redevelopment Project
Verma Property
La Porte, Indiana

Parameter	Construction	Soil Direct	Migration to GW	DCLs	VPBH-24	VPBH-25	VPBH-26	VPBH-27	VPBH-28	VPBH-29	VPBH-29A
Depth (ft)					2-4	2-4	2-4	4-6	6-8	2-4	4-6
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
SVOCs											
1,2,4-Trichlorobenzene	8900	4900	77	77	0.94 U	1 U	1.9 U	0.18 U	0.19 U	0.19 U	0.19 U
1,2-Dichlorobenzene	18000	3900	270	220	0.94 U	1 U	1.9 U	0.18 U	0.19 U	0.19 U	0.19 U
1,3-Dichlorobenzene	2200	890	8.9	8.9	0.94 U	1 U	1.9 U	0.18 U	0.19 U	0.19 U	0.19 U
1,4-Dichlorobenzene	8000	73	3.4	3.4	0.94 U	1 U	1.9 U	0.18 U	0.19 U	0.19 U	0.19 U
2,2'-oxybis[1-chloropropane]	5200	61	0.26	0.26	0.94 U	1 U	1.9 U	0.18 U	0.19 U	0.19 U	0.19 U
2,4,5-Trichlorophenol	89000	49000	690	690	1.9 U	2 U	3.7 U	0.36 U	0.38 U	0.38 U	0.38 U
2,4,6-Trichlorophenol	89	49	0.2	0.2	1.9 U	2 U	3.7 U	0.36 U	0.38 U	0.38 U	0.38 U
2,4-Dichlorophenol	2700	1500	3	3	1.9 U	2 U	3.7 U	0.36 U	0.38 U	0.38 U	0.38 U
2,4-Dimethylphenol	18000	9800	25	25	0.55 J	2 U	3.7 U	0.36 U	0.38 U	0.38 U	0.38 U
2,4-Dinitrophenol	1800	980	0.82	0.82	3.8 U	4 U	7.4 U	0.73 UJ	0.78 U	0.78 U	0.76 U
2,4-Dinitrotoluene	NE	NE	NE	NE	0.94 U	1 U	1.9 U	0.18 U	0.19 U	0.19 U	0.19 U
2,6-Dinitrotoluene	NE	NE	NE	NE	0.94 U	1 U	1.9 U	0.18 U	0.19 U	0.19 U	0.19 U
2-Chloronaphthalene	71000	39000	560	560	0.94 U	1 U	1.9 U	0.18 U	0.19 U	0.19 U	0.19 U
2-Chlorophenol	2200	580	10	10	0.94 U	1 U	1.9 U	0.18 U	0.19 U	0.19 U	0.19 U
2-Methylnaphthalene	3300	1600	42	42	0.97	0.48 J	1.9 U	0.18 U	0.19 U	0.19 U	0.19 U
2-Methylphenol	39000	17000	39	39	0.56 J	0.41 J	1.9 U	0.18 U	0.19 U	0.19 U	0.19 U
2-Nitroaniline	2700	1500	1.9	1.9	0.94 U	1 U	1.9 U	0.18 U	0.19 U	0.19 U	0.19 U
2-Nitrophenol	NE	NE	NE	NE	1.9 U	2 U	3.7 U	0.36 U	0.38 U	0.38 U	0.38 U
3,3'-Dichlorobenzidine	1400	31	0.21	0.21	0.94 U	1 U	1.9 U	0.18 U	0.19 U	0.19 U	0.19 U
3-Nitroaniline	NE	NE	NE	NE	1.9 U	2 U	3.7 U	0.36 U	0.38 U	0.38 U	0.38 U
4,6-Dinitro-2-methylphenol	NE	NE	NE	NE	1.9 U	2 U	3.7 U	0.36 UJ	0.38 U	0.38 U	0.38 U
4-Bromophenyl phenyl ether	NE	NE	NE	NE	0.94 U	1 U	1.9 U	0.18 U	0.19 U	0.19 U	0.19 U
4-Chloro-3-methylphenol	NE	NE	NE	NE	1.9 U	2 U	3.7 U	0.36 U	0.38 U	0.38 U	0.38 U
4-Chloroaniline	3600	2000	2.7	2.7	3.8 U	4 U	7.4 U	0.73 U	0.78 U	0.78 U	0.76 U
4-Chlorophenyl phenyl ether	NE	NE	NE	NE	0.94 U	1 U	1.9 U	0.18 U	0.19 U	0.19 U	0.19 U
4-Methylphenol	4400	2500	3	3	0.69 J	0.5 J	1.9 U	0.18 U	0.19 U	0.19 U	0.19 U
4-Nitroaniline	NE	NE	NE	NE	1.9 U	2 U	3.7 U	0.36 U	0.38 U	0.38 U	0.38 U
4-Nitrophenol	NE	NE	NE	NE	3.8 U	4 U	7.4 U	0.73 U	0.78 U	0.78 U	0.76 U
Acenaphthene	50000	24000	1200	1200	0.096 J	0.086 J	0.37 U	0.036 U	0.038 U	0.028 J	0.038 U
Acenaphthylene	5900	2800	180	180	0.19 U	0.2 U	0.37 U	0.036 U	0.038 U	0.021 J	0.038 U
Anthracene	250000	120000	51	51	0.2	0.1 J	0.37 U	0.036 U	0.038 U	0.061	0.038 U
Benzidine	NE	NE	NE	NE	3.8 U	4 U	7.4 U	0.73 UJ	0.78 U	0.78 U	0.76 U
Benzo[a]anthracene	790	15	62	15	3.2	0.96	0.62	0.036 U	0.038 U	0.5	0.038 U

Table 3
Soil Analytical Data For SVOCs Compared with Industrial Closure Levels
La Porte Center Brownfield Redevelopment Project
Verma Property
La Porte, Indiana

Parameter	Construction	Soil Direct	Migration to GW	DCLs	VPBH-24	VPBH-25	VPBH-26	VPBH-27	VPBH-28	VPBH-29	VPBH-29A
Depth (ft)					2-4	2-4	2-4	4-6	6-8	2-4	4-6
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
SVOCs											
Benzo[a]pyrene	79	1.5	16	1.5	2.2	0.75	0.48	0.036 U	0.038 U	0.3	0.011 J
Benzo[b]fluoranthene	790	15	74	15	1.7	0.38	0.32 J	0.036 U	0.038 U	0.62	0.014 J
Benzo[g,h,i]perylene	7900	150	16	16	1.3	0.45	0.33 J	0.036 U	0.038 U	0.21	0.0087 J
Benzo[k]fluoranthene	7900	150	39	39	0.9	0.33	0.29 J	0.036 U	0.038 U	0.33	0.038 U
Benzoic acid	1000000	1000000	1600	1600	9.4 U	10 U	19 U	1.8 U	1.9 U	1.9 U	1.9 U
Benzyl alcohol	270000	150000	140	140	1.9 U	2 U	3.7 U	0.36 U	0.38 U	0.38 U	0.38 U
Bis(2-chloroethoxy)methane	NE	NE	NE	NE	0.94 U	1 U	1.9 U	0.18 U	0.19 U	0.19 U	0.19 U
Bis(2-chloroethyl)ether	280	3	0.012	0.012	0.94 U	1 U	1.9 U	0.18 U	0.19 U	0.19 U	0.19 U
Bis(2-ethylhexyl) phthalate	18000	980	120000	980	0.94 U	0.89 J	0.58 J	0.18 U	0.19 U	0.19 U	0.19 U
Butyl benzyl phthalate	180000	98000	6200	310	0.94 U	1 U	1.9 U	0.18 U	0.19 U	0.19 U	0.19 U
Carbazole	31000	690	20	20	0.94 U	1 U	1.9 U	0.18 U	0.19 U	0.19 U	0.19 U
Chrysene	79000	1500	25	25	8.8	2.6	1.8	0.036 U	0.038 U	0.69	0.014 J
Dibenz(a,h)anthracene	79	1.5	60	1.5	0.95	0.29	0.37 U	0.036 U	0.038 U	0.088	0.038 U
Dibenzofuran	1800	980	65	65	0.24 J	0.2 J	1.9 U	0.18 U	0.19 U	0.19 U	0.19 U
Diethyl phthalate	710000	390000	1300	840	0.94 U	1 U	1.9 U	0.18 U	0.19 U	0.19 U	0.19 U
Dimethyl phthalate	1000000	1000000	5600	1100	0.94 U	1 U	1.9 U	0.18 U	0.19 U	0.19 U	0.19 U
Di-n-butyl phthalate	89000	49000	14000	760	0.94 U	1 U	1.9 U	0.18 U	0.19 U	0.19 U	0.19 U
Di-n-octyl phthalate	36000	20000	67000	2000	0.94 U	1 U	1.9 U	0.18 U	0.19 U	0.19 U	0.19 U
Fluoranthene	33000	16000	880	880	0.53	0.24	0.28 J	0.036 U	0.038 U	0.67	0.038 U
Fluorene	33000	16000	1100	1100	0.21	0.18 J	0.37 U	0.036 U	0.038 U	0.04	0.038 U
Hexachlorobenzene	390	8.6	3.9	3.9	0.38 U	0.4 U	0.74 U	0.073 U	0.078 U	0.078 U	0.076 U
Hexachlorobutadiene	270	150	66	66	0.94 U	1 U	1.9 U	0.18 U	0.19 U	0.19 U	0.19 U
Hexachlorocyclopentadiene	5300	2900	4900	720	3.8 U	4 U	7.4 U	R	0.78 U	0.78 U	0.76 U
Hexachloroethane	660	240	7.7	7.7	0.94 U	1 U	1.9 U	0.18 U	0.19 U	0.19 U	0.19 U
Indeno[1,2,3-cd]pyrene	790	15	3.1	3.1	0.59	0.17 J	0.37 U	0.036 U	0.038 U	0.18	0.038 U
Isophorone	180000	14000	18	18	0.94 U	1 U	1.9 U	0.18 U	0.19 U	0.19 U	0.19 U
Naphthalene	17000	8000	170	170	1.2	3.9	1.2	0.036 U	0.038 U	0.06	0.038 U
Nitrobenzene	440	250	0.34	0.34	0.19 U	0.2 U	0.37 U	0.036 U	0.038 U	0.038 U	0.038 U
N-Nitrosodi-n-propylamine	89	2	0.002	0.002	0.94 U	1 U	1.9 U	0.18 U	0.19 U	0.19 U	0.19 U
N-Nitrosodiphenylamine	18000	2800	32	32	0.94 U	1 U	1.9 U	0.18 U	0.19 U	0.19 U	0.19 U
Pentachlorophenol	3800	54	0.66	0.66	3.8 U	4 U	7.4 U	0.73 U	0.78 U	0.78 U	0.76 U
Phenanthrene	2500	1200	170	170	0.88	0.61	0.43	0.036 U	0.038 U	0.33	0.038 U
Phenol	230000	96000	160	160	0.83 J	3.2	1.3 J	0.18 U	0.19 U	0.19 U	0.19 U
Pyrene	25000	12000	570	570	1.4	0.67	0.59	0.036 U	0.038 U	0.65	0.038 U

Table 3
Soil Analytical Data For SVOCs Compared with Industrial Closure Levels
La Porte Center Brownfield Redevelopment Project
Verma Property
La Porte, Indiana

Parameter	Construction	Soil Direct	Migration to GW	DCLs	VPBH-H2	VPBH-H2A	VPBH-H3	VPBH-H3DUP	VPBH-STEEL	VPBH-V3
Depth (ft)					5-6	3-5	5-6	5-6	5-7	5-7
Units	mg/kg	mg/kg	mg/kg	mg/kg	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
SVOCs										
1,2,4-Trichlorobenzene	8900	4900	77	77	2 U	0.88 U	0.2 U	0.2 U	0.21 U	0.19 U
1,2-Dichlorobenzene	18000	3900	270	220	2 U	0.88 U	0.2 U	0.2 U	0.21 U	0.19 U
1,3-Dichlorobenzene	2200	890	8.9	8.9	2 U	0.88 U	0.2 U	0.2 U	0.21 U	0.19 U
1,4-Dichlorobenzene	8000	73	3.4	3.4	2 U	0.88 U	0.2 U	0.2 U	0.21 U	0.19 U
2,2'-oxybis[1-chloropropane]	5200	61	0.26	0.26	2 U	0.88 U	0.2 U	0.2 U	0.21 U	0.19 U
2,4,5-Trichlorophenol	89000	49000	690	690	3.9 U	1.7 U	0.39 U	0.4 U	0.42 U	0.37 U
2,4,6-Trichlorophenol	89	49	0.2	0.2	3.9 U	1.7 U	0.39 U	0.4 U	0.42 U	0.37 U
2,4-Dichlorophenol	2700	1500	3	3	3.9 U	1.7 U	0.39 U	0.4 U	0.42 U	0.37 U
2,4-Dimethylphenol	18000	9800	25	25	3.9 U	1.7 U	0.39 U	0.4 U	0.42 U	0.37 U
2,4-Dinitrophenol	1800	980	0.82	0.82	7.9 U	3.5 U	0.78 U	0.8 U	0.85 U	0.74 U
2,4-Dinitrotoluene	NE	NE	NE	NE	2 U	0.88 U	0.2 U	0.2 U	0.21 U	0.19 U
2,6-Dinitrotoluene	NE	NE	NE	NE	2 U	0.88 U	0.2 U	0.2 U	0.21 U	0.19 U
2-Chloronaphthalene	71000	39000	560	560	2 U	0.88 U	0.2 U	0.2 U	0.21 U	0.19 U
2-Chlorophenol	2200	580	10	10	2 U	0.88 U	0.2 U	0.2 U	0.21 U	0.19 U
2-Methylnaphthalene	3300	1600	42	42	2 U	0.26 J	0.086 J	0.2 U	0.086 J	0.15 J
2-Methylphenol	39000	17000	39	39	2 U	0.88 U	0.2 U	0.2 U	0.21 U	0.19 U
2-Nitroaniline	2700	1500	1.9	1.9	2 U	0.88 U	0.2 U	0.2 U	0.21 U	0.19 U
2-Nitrophenol	NE	NE	NE	NE	3.9 U	1.7 U	0.39 U	0.4 U	0.42 U	0.37 U
3,3'-Dichlorobenzidine	1400	31	0.21	0.21	2 U	0.88 U	0.2 U	0.2 U	0.21 U	0.19 U
3-Nitroaniline	NE	NE	NE	NE	3.9 U	1.7 U	0.39 U	0.4 U	0.42 U	0.37 U
4,6-Dinitro-2-methylphenol	NE	NE	NE	NE	3.9 U	1.7 U	0.39 U	0.4 U	0.42 U	0.37 U
4-Bromophenyl phenyl ether	NE	NE	NE	NE	2 U	0.88 U	0.2 U	0.2 U	0.21 U	0.19 U
4-Chloro-3-methylphenol	NE	NE	NE	NE	3.9 U	1.7 U	0.39 U	0.4 U	0.42 U	0.37 U
4-Chloroaniline	3600	2000	2.7	2.7	7.9 U	3.5 U	0.78 U	0.8 U	0.85 U	0.74 U
4-Chlorophenyl phenyl ether	NE	NE	NE	NE	2 U	0.88 U	0.2 U	0.2 U	0.21 U	0.19 U
4-Methylphenol	4400	2500	3	3	2 U	0.88 U	0.2 U	0.2 U	0.21 U	0.19 U
4-Nitroaniline	NE	NE	NE	NE	3.9 U	1.7 U	0.39 U	0.4 U	0.42 U	0.37 U
4-Nitrophenol	NE	NE	NE	NE	7.9 U	3.5 U	0.78 U	0.8 U	0.85 U	0.74 U
Acenaphthene	50000	24000	1200	1200	0.26 J	0.56	0.1 J	0.046 J	0.027 J	0.26
Acenaphthylene	5900	2800	180	180	0.39 U	0.17 U	0.039 U	0.04 U	0.042 U	0.037 U
Anthracene	250000	120000	51	51	0.39	0.79	0.16 J	0.081 J	0.053	0.39
Benzidine	NE	NE	NE	NE	7.9 U	3.5 U	0.78 U	0.8 U	0.85 U	0.74 U
Benzo[a]anthracene	790	15	62	15	2.6	6.5	1.2	0.72	0.4	3.2

Table 3
Soil Analytical Data For SVOCs Compared with Industrial Closure Levels
La Porte Center Brownfield Redevelopment Project
Verma Property
La Porte, Indiana

Parameter	Construction	Soil Direct	Migration to GW	DCLs	VPBH-H2	VPBH-H2A	VPBH-H3	VPBH-H3DUP	VPBH-STEEL	VPBH-V3
Depth (ft)					5-6	3-5	5-6	5-6	5-7	5-7
Units	mg/kg	mg/kg	mg/kg	mg/kg	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
SVOCs										
Benzo[a]pyrene	79	1.5	16	1.5	3.5	8.6	5.3 J	1.1 J	0.54	2.7
Benzo[b]fluoranthene	790	15	74	15	4.5	14	6.7 J	1.5 J	0.76	4.8
Benzo[g,h,i]perylene	7900	150	16	16	3.4	11	6.1 J	1.8 J	0.65	2.8
Benzo[k]fluoranthene	7900	150	39	39	2	4.9	2.2 J	0.6 J	0.38	2.2
Benzoic acid	1000000	1000000	1600	1600	20 U	8.8 U	2 U	2 U	2.1 U	1.9 U
Benzyl alcohol	270000	150000	140	140	3.9 U	1.7 U	0.39 U	0.4 U	0.42 U	0.37 U
Bis(2-chloroethoxy)methane	NE	NE	NE	NE	2 U	0.88 U	0.2 U	0.2 U	0.21 U	0.19 U
Bis(2-chloroethyl)ether	280	3	0.012	0.012	2 U	0.88 U	0.2 U	0.2 U	0.21 U	0.19 U
Bis(2-ethylhexyl) phthalate	18000	980	120000	980	2 U	1.1	0.21 J	0.061 J	0.17 J	4.3
Butyl benzyl phthalate	180000	98000	6200	310	2 U	0.88 U	0.2 U	0.2 U	0.21 U	0.28
Carbazole	31000	690	20	20	2 U	0.46 J	0.089 J	0.2 U	0.21 U	0.24
Chrysene	79000	1500	25	25	3.2	7.7	1.5	0.91	0.47	3.5
Dibenz(a,h)anthracene	79	1.5	60	1.5	0.96	3.2	1.6 J	0.54 J	0.22	0.85
Dibenzofuran	1800	980	65	65	2 U	0.3 J	0.076 J	0.2 U	0.05 J	0.14 J
Diethyl phthalate	710000	390000	1300	840	2 U	0.88 U	0.2 U	0.2 U	0.21 U	0.19 U
Dimethyl phthalate	1000000	1000000	5600	1100	2 U	0.88 U	0.2 U	0.2 U	0.21 U	0.19 U
Di-n-butyl phthalate	89000	49000	14000	760	2 U	0.88 U	0.2 U	0.2 U	0.21 U	0.19 U
Di-n-octyl phthalate	36000	20000	67000	2000	2 U	0.88 U	0.2 U	0.2 U	0.21 U	0.19 U
Fluoranthene	33000	16000	880	880	2.9	6.4	1.2	0.8	0.4	2.7
Fluorene	33000	16000	1100	1100	0.19 J	0.33	0.075 J	0.033 J	0.019 J	0.19
Hexachlorobenzene	390	8.6	3.9	3.9	0.79 U	0.35 U	0.078 U	0.08 U	0.085 U	0.074 U
Hexachlorobutadiene	270	150	66	66	2 U	0.88 U	0.2 U	0.2 U	0.21 U	0.19 U
Hexachlorocyclopentadiene	5300	2900	4900	720	7.9 U	3.5 U	0.78 U	0.8 U	0.85 U	0.74 U
Hexachloroethane	660	240	7.7	7.7	2 U	0.88 U	0.2 U	0.2 U	0.21 U	0.19 U
Indeno[1,2,3-cd]pyrene	790	15	3.1	3.1	2.6	8.5	5 J	1.3 J	0.5	2.2
Isophorone	180000	14000	18	18	2 U	0.88 U	0.2 U	0.2 U	0.21 U	0.19 U
Naphthalene	17000	8000	170	170	0.22 J	0.35	0.11 J	0.048 J	0.07	0.21
Nitrobenzene	440	250	0.34	0.34	0.39 U	0.17 U	0.039 U	0.04 U	0.042 U	0.037 U
N-Nitrosodi-n-propylamine	89	2	0.002	0.002	2 U	0.88 U	0.2 U	0.2 U	0.21 U	0.19 U
N-Nitrosodiphenylamine	18000	2800	32	32	2 U	0.88 U	0.2 U	0.2 U	0.21 U	0.19 U
Pentachlorophenol	3800	54	0.66	0.66	7.9 U	3.5 U	0.78 U	0.8 U	0.85 U	0.74 U
Phenanthrene	2500	1200	170	170	1.9	3.6	0.79 J	0.45 J	0.3	1.6
Phenol	230000	96000	160	160	2 U	0.88 U	0.2 U	0.2 U	0.21 U	0.19 U
Pyrene	25000	12000	570	570	3.8	7.3	1.4 J	0.76 J	0.4	4.5

Notes:
All units are in milligrams per kilogram (mg/kg).
Industrial closure levels are based on different routes of exposure (e.g., construction worker, direct exposure, migration to groundwater pathway). Appendix 1, Table A: Default Closure Table.
Default closure level is determined from the lowest value of soil saturation, soil attenuation capacity, construction worker, direct, and migration to groundwater pathways.
NA = Not Analyzed
U = Not Detected. Value shown is the reporting limit.
J = Estimated concentration due to the results being below the sample reporting limit or where results were did not meet quality control criteria.
UJ = Not detected at or above the sample reporting limit.
R = The result was rejected.
NE = Closure Level Not Established
A bold value indicates an elevated reporting limit exceeding the soil default closure level.
A bold and bracket value indicates exceedance of migration to groudwater and default closure levels.
A bold and italic value indicates exceedance of direct exposure and default closure levels.
A bold, italic, and bracketed value indicates exceedance of direct exposure, migration to groundwater, and default closure levels.
A bold, italic, bracketed, and shaded value indicates exceedance of construction worker, direct exposure, migration to groundwater, and default closure levels.

Table 4
Soil Analytical Data For Metals Compared with Industrial Closure Levels
La Porte Center Brownfield Redevelopment Project
Verma Property
La Porte, Indiana

Parameter	Construction	Soil Direct	Migration to GW	DCLs	VPBH-09	VPBH-09-8-10	VPBH-09SS	VPBH-10	VPBH-11	VPBH-12
Depth (ft)						8-10	0-2	0-2	2-4	0-2
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Metals										
Arsenic	320	20	5.8	5.8	7.2	12	8.8	10	10 J	8.8
Barium	220000	230000	17000	10000	50	27	25	29	27	25
Cadmium	590	990	77	77	0.62	0.25	0.2 U	0.22 U	0.16 J	0.2 U
Chromium					13	15	8.8	64	12	8.8
Lead	970	1300	230	230	35	33	29	29	21 J	29
Selenium	5700	7800	53	53	1.1	0.66 J	0.93 J	1.9	0.49 J	0.93 J
Silver	5700	7800	87	87	0.24 J	0.13 J	0.5 U	0.18 J	0.26 J	0.5 U
Mercury	340	470	32	32	0.02	0.026	0.023	0.023	0.028	0.023

Table 4
Soil Analytical Data For Metals Compared with Industrial Closure Levels
La Porte Center Brownfield Redevelopment Project
Verma Property
La Porte, Indiana

Parameter	Construction	Soil Direct	Migration to GW	DCLs	VPBH-13	VPBH-14	VPBH-15	VPBH-16	VPBH-17	VPBH-18
Depth (ft)					6-8	0-2	0-2	0-2	4-6	2-4
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Metals										
Arsenic	320	20	5.8	5.8	2.3	41	16	15	10	10
Barium	220000	230000	17000	10000	52	43	40	460	16	22
Cadmium	590	990	77	77	0.21 U	0.99	0.2 U	0.2 U	0.2 U	0.2 U
Chromium					7.6 B	18	18	490	11	9.2
Lead	970	1300	230	230	6	120	140	3900	30	33
Selenium	5700	7800	53	53	0.5 J	0.73 J	1.1	2.8	0.59 J	0.83 J
Silver	5700	7800	87	87	0.54 U	0.37 J	0.51 U	0.74	0.5 U	0.49 U
Mercury	340	470	32	32	0.021 U	0.18	0.034	0.077	0.02	0.021

Table 4
Soil Analytical Data For Metals Compared with Industrial Closure Levels
La Porte Center Brownfield Redevelopment Project
Verma Property
La Porte, Indiana

Parameter	Construction	Soil Direct	Migration to GW	DCLs	VPBH-19	VPBH-20	VPBH-21	VPBH-22	VPBH-23	VPBH-23 DUP
Depth (ft)					5-7	3-5	3-5	5-7	8-10	8-10
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Metals										
Arsenic	320	20	5.8	5.8	7.9	6.1	7.1	1.1	15	9.3
Barium	220000	230000	17000	10000	39	26	240	7.6	27 J	16 J
Cadmium	590	990	77	77	0.2 U	0.19 U	0.23 U	0.21 U	0.65 J	0.23 J
Chromium					12	7.5	120	5.2	12 J	7.1 J
Lead	970	1300	230	230	18	17	1100	6.4	50	14
Selenium	5700	7800	53	53	0.75 J	0.53 J	1.8	1.1 U	1.1 U	1 U
Silver	5700	7800	87	87	0.1 J	0.49 U	0.27 J	0.53 U	0.13 J	0.52 U
Mercury	340	470	32	32	0.023	0.043	0.047	0.0067 J	0.029	0.029

Table 4
Soil Analytical Data For Metals Compared with Industrial Closure Levels
La Porte Center Brownfield Redevelopment Project
Verma Property
La Porte, Indiana

Parameter	Construction	Soil Direct	Migration to GW	DCLs	VPBH-24	VPBH-25	VPBH-26	VPBH-27	VPBH-28	VPBH-29	VPBH-29A
Depth (ft)					2-4	2-4	2-4	4-6	6-8	2-4	4-6
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Metals											
Arsenic	320	20	5.8	5.8	2.3	4.1	3.6	1.1 U	9.2	12	1.1 U
Barium	220000	230000	17000	10000	22	160	29	8.2	24	59	30
Cadmium	590	990	77	77	0.21 U	0.22 U	0.21 U	0.21 U	0.21 U	0.22 U	0.22 U
Chromium					12	49	7.2	5.5	11	14	2.5
Lead	970	1300	230	230	9	27	26	8.5	22	29	4.5
Selenium	5700	7800	53	53	0.45 J	0.88 J	1.1 U	1.1 U	0.83 J	1.4	1.1 U
Silver	5700	7800	87	87	0.53 U	0.22 U	0.53 U	0.54 U	0.52 U	0.54 U	0.56 U
Mercury	340	470	32	32	0.02	0.019 J	0.033	0.034	0.032	0.025	0.0072 J

Table 4
Soil Analytical Data For Metals Compared with Industrial Closure Levels
La Porte Center Brownfield Redevelopment Project
Verma Property
La Porte, Indiana

Parameter	Construction	Soil Direct	Migration to GW	DCLs	VPBH-H2	VPBH-H2A	VPBH-H3	VPBH-H3DUP	VPBH-STEEL	VPBH-V3
Depth (ft)					5-6	3-5	5-6	5-6	5-7	5-7
Units	mg/kg	mg/kg	mg/kg	mg/kg	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Metals										
Arsenic	320	20	5.8	5.8	7.9	9.8	3.3 J	9.7 J	23	9.3
Barium	220000	230000	17000	10000	65	35	20	24	42	31
Cadmium	590	990	77	77	3.7	0.2 U	0.45 U	0.21 U	0.23 U	0.22 U
Chromium					13	21	6.1	13	43	12
Lead	970	1300	230	230	320	21	9.8	6.9	31	20
Selenium	5700	7800	53	53	2.2	4.7	0.6 J	1.3 J	3.9	0.73 J
Silver	5700	7800	87	87	0.55 U	0.98	0.56 U	0.53 U	0.46 U	0.11 U
Mercury	340	470	32	32	0.029	0.016 J	0.02 U	0.021 U	0.034	0.013 J

Notes:
All units are in milligrams per kilogram (mg/kg).
Industrial closure levels are based on different routes of exposure (e.g., construetion worker, direct exposure, migration to groundwater pathway). Appendix 1, Table A: Default Closure Table.
Default closure level is determined from the lowest value of soil saturation, soil attenuation capacity, construction worker, direct, and migration to groundwater pathways.
NA = Not Analyzed
U = Not Detected. Value shown is the reporting limit.
J = Estimated concentration due to the results being below the sample reporting limit or where results were did not meet quality eontrol criteria.
UJ = Not detected at or above the sample reporting limit.
R = The result was rejected.
NE = Closure Level Not Established
A bold value indicates an elevated reporting limit exeeeding the soil default closure level.
A bold and bracket value indicates exceedance of migration to groudwater and default closure levels.
A bold and italic value indicates exceedance of direet exposure and default closure levels.
A bold, italic, and bracketed value indicates exceedance of direct exposure, migration to groundwater, and default closure levels.
A bold, italic, bracketed, and shaded value indicates exceedance of construction worker, direct exposure, migration to groundwater, and default closure levels.

Table 5
Sediment Analytical Data For SVOCs
La Porte Center Brownfield Redevelopment Project
Verma Property
La Porte, Indiana

Parameter	VPSD-01	VPSD-02	VPSD-03	VPSD-04	VPSD-05	VPSD-06
Depth (ft)	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
SVOCs						
1,2,4-Trichlorobenzene	2.6 U	0.21 U	2.3 U	1.9 U	3.9 U	2.5 U
1,2-Dichlorobenzene	2.6 U	0.21 U	2.3 U	1.9 U	3.9 U	2.5 U
1,3-Dichlorobenzene	2.6 U	0.21 U	2.3 U	1.9 U	3.9 U	2.5 U
1,4-Dichlorobenzene	2.6 U	0.21 U	2.3 U	1.9 U	3.9 U	2.5 U
2,2'-oxybis[1-chloropropane]	2.6 U	0.21 U	2.3 U	1.9 U	3.9 U	2.5 U
2,4,5-Trichlorophenol	5.2 U	0.42 U	4.5 U	3.7 U	7.7 U	4.9 U
2,4,6-Trichlorophenol	5.2 U	0.42 U	4.5 U	3.7 U	7.7 U	4.9 U
2,4-Dichlorophenol	5.2 U	0.42 U	4.5 U	3.7 U	7.7 U	4.9 U
2,4-Dimethylphenol	5.2 U	0.42 U	4.5 U	3.7 U	7.7 U	4.9 U
2,4-Dinitrophenol	11 U	0.85 U	9.2 U	7.5 U	16 U	10 U
2,4-Dinitrotoluene	2.6 U	0.21 U	2.3 U	1.9 U	3.9 U	2.5 U
2,6-Dinitrotoluene	2.6 U	0.21 U	2.3 U	1.9 U	3.9 U	2.5 U
2-Chloronaphthalene	2.6 U	0.21 U	2.3 U	1.9 U	3.9 U	2.5 U
2-Chlorophenol	2.6 U	0.21 U	2.3 U	1.9 U	3.9 U	2.5 U
2-Methylnaphthalene	2.6 U	0.12 J	0.85 J	1.9 U	3.9 U	2.5 U
2-Methylphenol	2.6 U	0.21 U	2.3 U	1.9 U	3.9 U	2.5 U
2-Nitroaniline	2.6 U	0.21 U	2.3 U	1.9 U	3.9 U	2.5 U
2-Nitrophenol	5.2 U	0.42 U	4.5 U	3.7 U	7.7 U	4.9 U
3,3'-Dichlorobenzidine	2.6 U	0.21 U	2.3 U	1.9 U	3.9 U	2.5 U
3-Nitroaniline	5.2 U	0.42 U	4.5 U	3.7 U	7.7 U	4.9 U
4,6-Dinitro-2-methylphenol	5.2 U	0.42 U	4.5 U	3.7 U	7.7 U	4.9 U
4-Bromophenyl phenyl ether	2.6 U	0.21 U	2.3 U	1.9 U	3.9 U	2.5 U
4-Chloro-3-methylphenol	5.2 U	0.42 U	4.5 U	3.7 U	7.7 U	4.9 U
4-Chloroaniline	11 U	0.85 U	9.2 U	7.5 U	16 U	10 U
4-Chlorophenyl phenyl ether	2.6 U	0.21 U	2.3 U	1.9 U	3.9 U	2.5 U
4-Methylphenol	1.8 J	0.21 U	2.3 U	1.9 U	3.9 U	2.5 U
4-Nitroaniline	5.2 U	0.42 U	4.5 U	3.7 U	7.7 U	4.9 U
4-Nitrophenol	11 U	0.85 U	9.2 U	7.5 U	16 U	10 U

Table 5
Sediment Analytical Data For SVOCs
La Porte Center Brownfield Redevelopment Project
Verma Property
La Porte, Indiana

Parameter	VPSD-01	VPSD-02	VPSD-03	VPSD-04	VPSD-05	VPSD-06
Depth (ft)	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
SVOCs						
Acenaphthene	0.52 U	0.052	4.7	0.37 U	0.77 U	0.49 U
Acenaphthylene	0.52 U	0.039 J	0.45 U	0.37 U	0.77 U	0.49 U
Anthracene	0.24 J	0.15	6.9	0.37 U	0.77 U	0.49 U
Benzidine	11 U	0.85 U	9.2 U	7.5 U	16 U	10 U
Benzo[a]anthracene	2.3	1.2	37	0.19 J	0.35 J	0.48 J
Benzo[a]pyrene	2.1	0.82	22	0.2 J	0.39 J	0.52
Benzo[b]fluoranthene	2	1.7	33	0.36 J	0.6 J	0.94
Benzo[g,h,i]perylene	1.4	0.89	14	0.2 J	0.46 J	0.55
Benzo[k]fluoranthene	0.78	0.66	17	0.37 U	0.77 U	0.39 J
Benzoic acid	26 U	2.1 U	23 U	19 U	39 U	25 U
Benzyl alcohol	5.2 U	0.42 U	4.5 U	3.7 U	7.7 U	4.9 U
Bis(2-chloroethoxy)methane	2.6 U	0.21 U	2.3 U	1.9 U	3.9 U	2.5 U
Bis(2-chloroethyl)ether	2.6 U	0.21 U	2.3 U	1.9 U	3.9 U	2.5 U
Bis(2-ethylhexyl) phthalate	2.6 U	0.21 U	2.3 U	1.9 U	3.9 U	1.7 J
Butyl benzyl phthalate	2.6 U	0.21 U	2.3 U	1.9 U	3.9 U	2.5 U
Carbazole	2.6 U	0.21 U	7.9	1.9 U	3.9 U	2.5 U
Chrysene	6.6	1.8	45	0.24 J	0.57 J	0.8
Dibenz(a,h)anthracene	0.87	0.32	5.4	0.37 U	0.77 U	0.49 U
Dibenzofuran	2.6 U	0.087 J	1.9 J	1.9 U	3.9 U	2.5 U
Diethyl phthalate	2.6 U	0.21 U	2.3 U	1.9 U	3.9 U	2.5 U
Dimethyl phthalate	2.6 U	0.21 U	2.3 U	1.9 U	3.9 U	2.5 U
Di-n-butyl phthalate	2.6 U	0.21 U	2.3 U	1.9 U	3.9 U	2.5 U
Di-n-octyl phthalate	2.6 U	0.21 U	2.3 U	1.9 U	3.9 U	2.5 U
Fluoranthene	1.3	1.5	84	0.32 J	0.67 J	1
Fluorene	0.16 J	0.082	3.2	0.37 U	0.77 U	0.49 U
Hexachlorobenzene	1.1 U	0.085 U	0.92 U	0.75 U	1.6 U	1 U
Hexachlorobutadiene	2.6 U	0.21 U	2.3 U	1.9 U	3.9 U	2.5 U
Hexachlorocyclopentadiene	11 U	0.85 U	9.2 U	7.5 U	16 U	10 U

Table 5
Sediment Analytical Data For SVOCs
La Porte Center Brownfield Redevelopment Project
Verma Property
La Porte, Indiana

Parameter	VPSD-01	VPSD-02	VPSD-03	VPSD-04	VPSD-05	VPSD-06
Depth (ft)	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
SVOCs						
Hexachloroethane	2.6 U	0.21 U	2.3 U	1.9 U	3.9 U	2.5 U
Indeno[1,2,3-cd]pyrene	0.72	0.71	13	0.37 U	0.77 U	0.43 J
Isophorone	2.6 U	0.21 U	2.3 U	1.9 U	3.9 U	2.5 U
Naphthalene	0.64	0.067	1.8	0.37 U	0.77 U	0.49 U
Nitrobenzene	0.52 U	0.042 U	0.45 U	0.37 U	0.77 U	0.49 U
N-Nitrosodi-n-propylamine	2.6 U	0.21 U	2.3 U	1.9 U	3.9 U	2.5 U
N-Nitrosodiphenylamine	2.6 U	0.21 U	2.3 U	1.9 U	3.9 U	2.5 U
Pentachlorophenol	11 U	0.85 U	9.2 U	7.5 U	16 U	10 U
Phenanthrene	1.2	0.89	36	0.14 J	0.33 J	0.53
Phenol	0.75 J	0.21 U	2.3 U	1.9 U	3.9 U	2.5 U
Pyrene	2.2	2.1	75	0.29 J	0.63 J	0.95

Notes:
U = Not Detected. Value shown is the reporting limit.
J = Estimated concentration due to the results being below the sample reporting limit or where results were did not meet quality control criteria.
UJ = Not deteeted at or above the sample reporting limit.
Sediment analytical data has no direct comparison to RISC Default Closure Levels

Table 6
Sediment Analytical Data For Metals
La Porte Center Brownfield Redevelopment Project
Verma Property
La Porte, Indiana

Parameter	VPSD-01	VPSD-02	VPSD-03	VPSD-04	VPSD-05	VPSD-06
Depth (ft)	**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**
Units	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**
Metals						
Arsenic	2.5	7.3	12	7.4	18	14
Barium	330	71	220	47	84	110
Cadmium	0.28 U	0.4	0.27 U	0.5 U	0.62 J	1.4 U
Chromium	32	71	370	15	23	28
Lead	17	610	1600	49	89	210
Selenium	0.76 J	0.95 J	1.9	1.1 J	5.4 U	2.7 J
Silver	0.7 U	0.56 U	1	1.2 U	2.7 U	3.4 U
Mercury	0.016 J	0.033	0.026	0.038 J	0.11	0.2

Notes:
All units are in milligrams per kilogram (mg/kg).
U = Not Detected. Value shown is the reporting limit.
J = Estimated concentration due to the results being below the sample reporting limit or where results were did not meet quality control criteria.
UJ = Not detected at or above the sample reporting limit.
Sediment analytical data has no direct comparison to RISC Default Closure Levels

Legend

Verma Property Boundary

N

1,000 500 0 1,000

Feet

1 inch equals 2,000 feet

Quadrangle Location

Notes:
USGS 7.5 Minute Series
Topographic Maps:
- La Porte East Quadrangle, IN, 1991.
- Springville Quadrangle, IN, 1987.

DESIGN:	RN	CHK'D:	SR
DRAWN:	MDC	DATE:	11/29/07

O:\DELIVERABLES_LIBRARY\LAPORTE\VERMAPROPERTY\REPORT\VERMA_FIG1_SITELOCATION.PDF

Site Location Map
Supplemental Site Investigation
Verma Property
City of La Porte, Indiana

URS
Chicago, Illinois 60606

Project No.	Fig No.
25366232	1

O:_PROJECTS_(APR-MXD)_G-L\LAPORTE IN\VERMAPROPERTY\VERMA_FIG1_SITELOCATION.MXD

Legend

Verma Property Boundary

N

150 75 0 150

Feet

1 inch equals 300 feet

Notes:
1. Orthophotograph taken in Spring 2005. - Source: IGIC.
2. Parcel lines from City of La Porte.

DESIGN:	RN	CHK'D:	SR
DRAWN:	MDC	DATE:	11/29/07

O:\DELIVERABLES_LIBRARY\LAPORTE\VERMAPROPERTY\REPORT\VERMA_FIG2_SITEMAP.PDF

Site Map
Supplemental Site Investigation
Verma Property
City of La Porte, Indiana

URS
Chicago, Illinois 60606

Project No.	Fig No.
25366232	2

O:_PROJECTS_[APR-MXD]_G-L\LAPORTE IN\VERMAPROPERTY\VERMA_FIG2_SITEMAP.MXD

O:_PROJECTS_(APR-MXD)_G-L\LAPORTE IN\VERMAPROPERTY\VERMA_FIG3_SAMPLELOCATIONS.MXD

Legend

- 2007 URS Sample in Previously Uninvestigated Area
- 2007 URS Container Storage Area Sample
- 2007 URS Sediment Sample
- 1995 Roy F. Weston Sample
- 2007 URS Step-Out Soil Sample
- 2002 URS Sample
- Verma Property Boundary

N

100 50 0 100

Feet

1 inch equals 200 feet

Notes:
1. Orthophotograph taken in Spring 2005. - Source: IGIC.
2. Parcel lines from City of La Porte.
3. Building demolished at time of 2007 investigation.

DESIGN:	RN	CHK'D:	SR
DRAWN:	MDC	DATE:	11/29/07

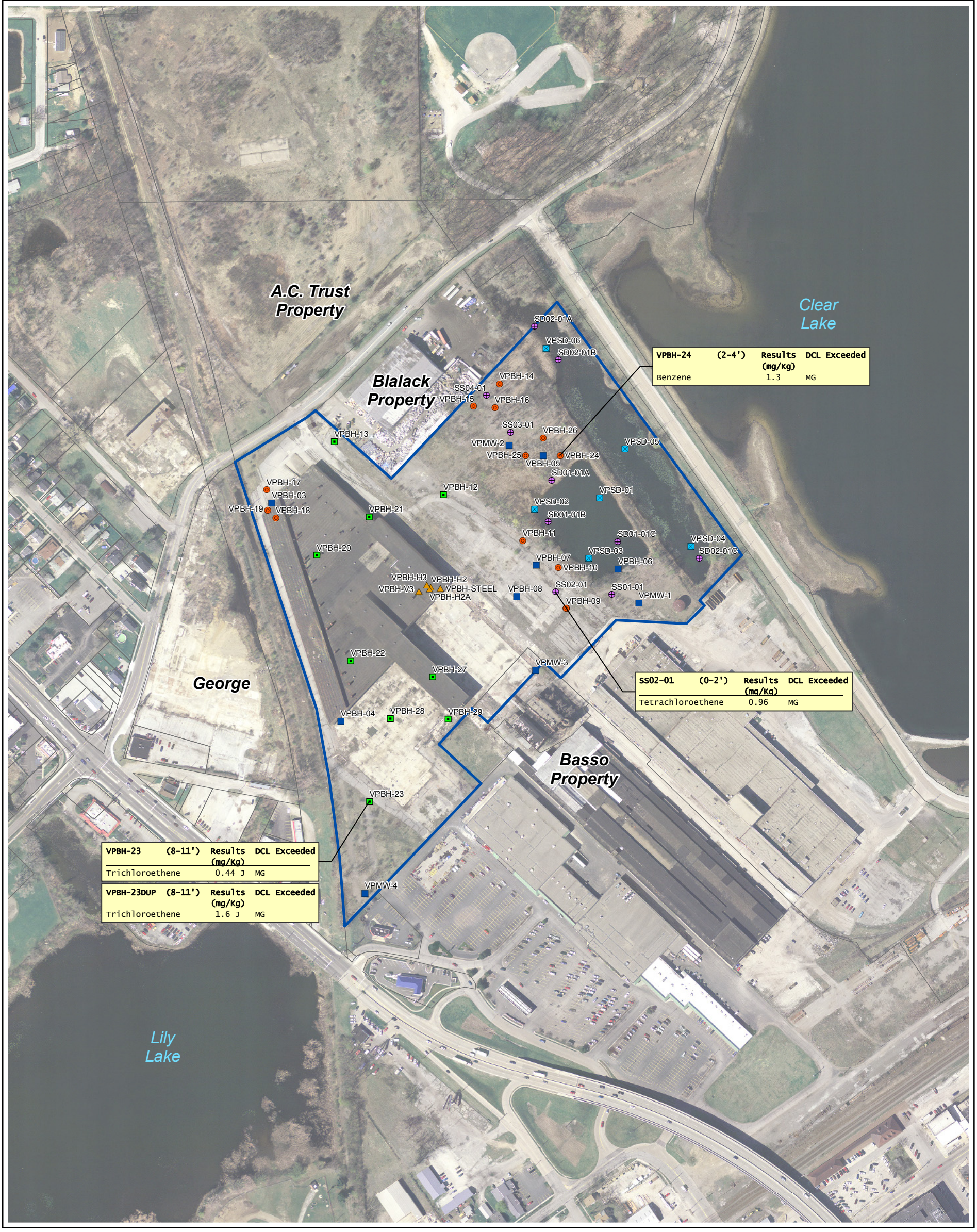
O:\DELIVERABLES_LIBRARY\LAPORTE\VERMAPROPERTY\REPORT\VERMA_FIG3_SAMPLELOCATIONS.PDF

Sample Location Map
Supplemental Site Investigation
Verma Property
City of La Porte, Indiana

URS
Chicago, Illinois 60606

Project No.	Fig No.
25366232	3

O:_PROJECTS_(APR-MXD)_G-L\LAPORTE IN\VERMAPROPERTY\VERMA_FIG4_VOCEXCEEDANCES.MXD



Legend

- 2007 URS Sample in Previously Uninvestigated Area
- 2007 URS Container Storage Area Sample
- 2007 URS Sediment Sample
- 1995 Roy F. Weston Sample
- 2007 URS Step-Out Soil Sample
- 2002 URS Sample
- Verma Property Boundary

N

150 75 0 150

Feet

1 inch equals 300 feet

Notes:
1. Orthophotograph taken in Spring 2005. - Source: IGIC.
2. Parcel lines from City of La Porte.
3. MG = Migration to groundwater pathway.
4. SD = Direct Exposure
5. C = Construction Worker
6. DCL = Default Closure Level
7. All data from current and historic investigations are validated.
8. Building demolished at time of 2007. investigation.

DESIGN:	RN	CHK'D:	SR
DRAWN:	MDC	DATE:	11/29/07

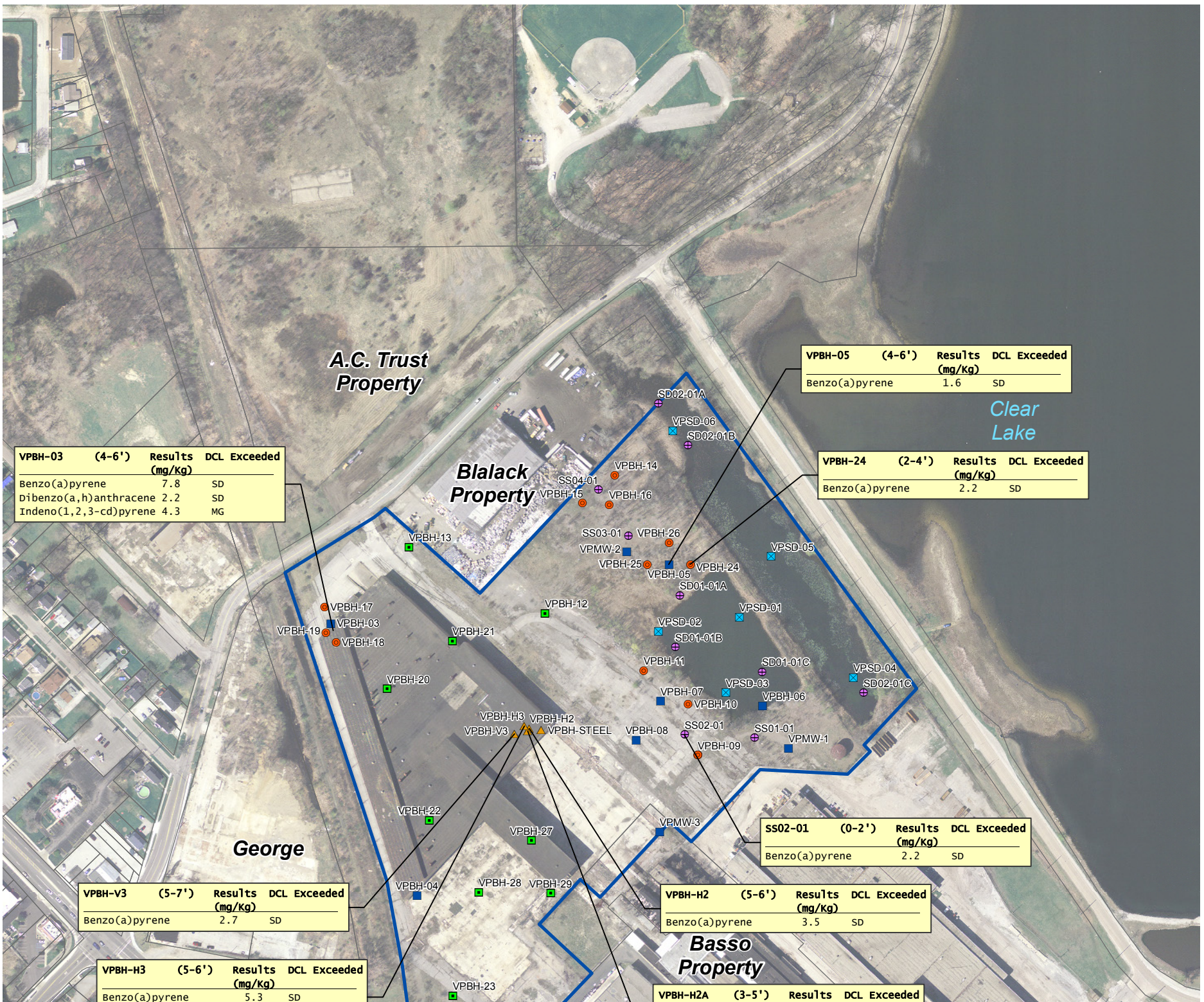
O:\DELIVERABLES_LIBRARY\LAPORTE\VERMAPROPERTY\REPORT\VERMA_FIG4_VOCEXCEEDANCES.PDF

Soil VOC Exceedances
Supplemental Site Investigation
Verma Property
City of La Porte, Indiana

URS
Chicago, Illinois 60606

Project No.	Fig No.
25366232	4

O:_PROJECTS_(APR-MXD)_G-L\LAPORTE IN\VERMAPROPERTY\VERMA_FIG5_SVOCEXCEEDANCES.MXD



Legend

- 2007 URS Sample in Previously Uninvestigated Area
- 2007 URS Container Storage Area Sample
- 2007 URS Sediment Sample
- 1995 Roy F. Weston Sample
- 2007 URS Step-Out Soil Sample
- 2002 URS Sample
- Verma Property Boundary

N

150 75 0 150

Feet

1 inch equals 300 feet

Notes:
1. Orthophotograph taken in Spring 2005. - Source: IGIC.
2. Parcel lines from City of La Porte.
3. MG = Migration to groundwater pathway.
4. SD = Direct Exposure
5. C = Construction Worker
6. DCL = Default Closure Level
7. All data from current and historic investigations are validated.
8. Building demolished at time of 2007. investigation.

DESIGN:	RN	CHK'D:	SR
DRAWN:	MDC	DATE:	11/29/07

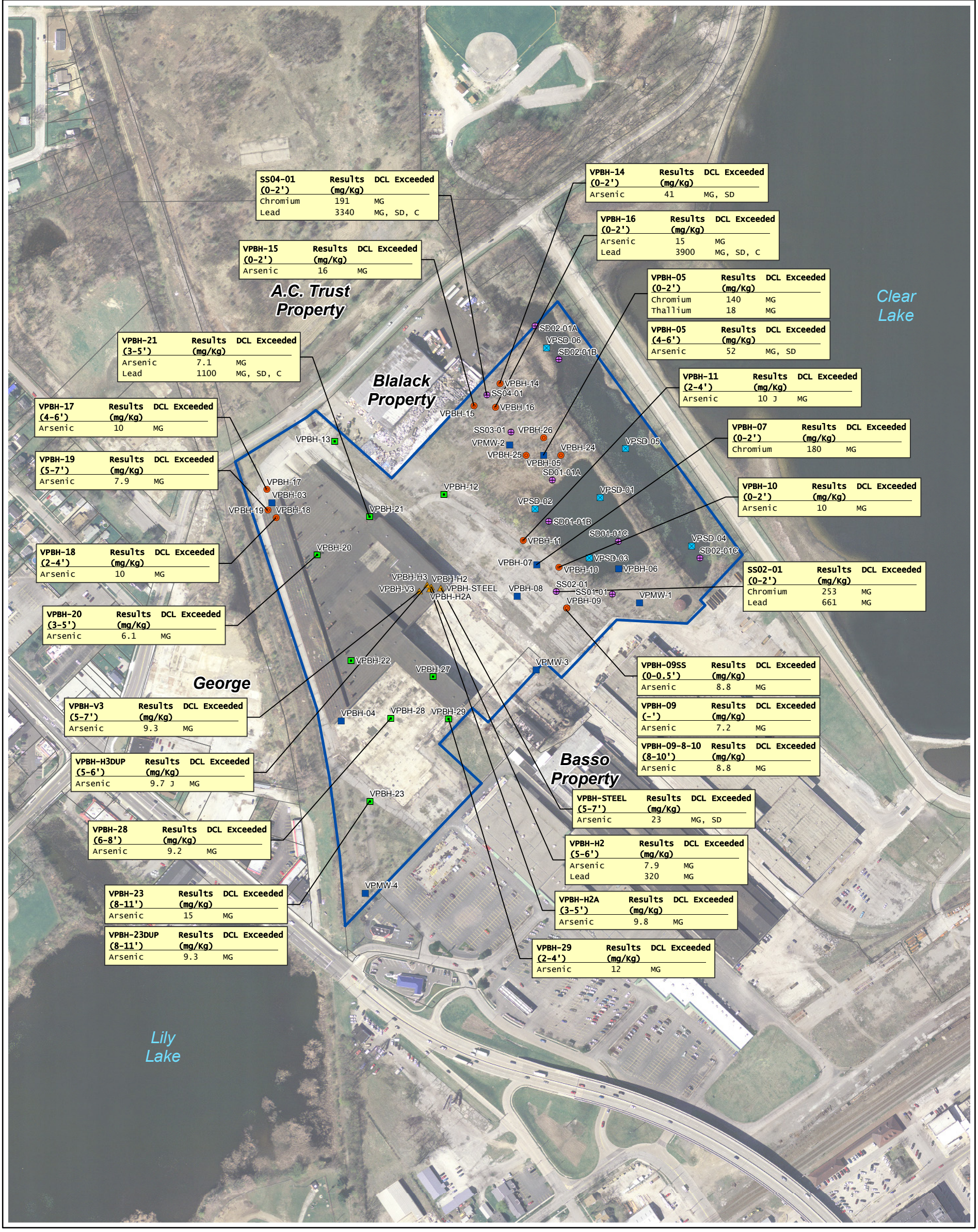
O:\DELIVERABLES_LIBRARY\LAPORTE\VERMAPROPERTY\REPORT\VERMA_FIG5_SVOCEXCEEDANCES.PDF

Soil SVOC Exceedances
Supplemental Site Investigation
Verma Property
City of La Porte, Indiana

URS
Chicago, Illinois 60606

Project No.	Fig No.
25366232	5

O:_PROJECTS_(APR-MXD)_G-L\LAPORTE IN\VERMAPROPERTY\VERMA_FIG6_METALSEXCEEDANCES.MXD



Legend

- 2007 URS Sample in Previously Uninvestigated Area
- 2007 URS Container Storage Area Sample
- 2007 URS Sediment Sample
- 1995 Roy F. Weston Sample
- 2007 URS Step-Out Soil Sample
- 2002 URS Sample
- Verma Property Boundary

N

150 75 0 150

Feet

1 inch equals 300 feet

Notes:
1. Orthophotograph taken in Spring 2005. - Source: IGIC.
2. Parcel lines from City of La Porte.
3. MG = Migration to groundwater pathway.
4. SD = Direct Exposure
5. C = Construction Worker
6. DCL = Default Closure Level
7. All data from current and historic investigations are validated.
8. Building demolished at time of 2007. investigation.

DESIGN:	RN	CHK'D:	SR
DRAWN:	MDC	DATE:	11/29/07

O:\DELIVERABLES_LIBRARY\LAPORTE\VERMAPROPERTY\REPORT\VERMA_FIG6_METALSEXCEEDANCES.PDF

Soil Metals Exceedances
Supplemental Site Investigation
Verma Property
City of La Porte, Indiana

URS
Chicago, Illinois 60606

Project No.	Fig No.
25366232	6

O:_PROJECTS_(APR-MXD)_G-L\LAPORTE IN\VERMAPROPERTY\VERMA_FIG7_GWEXCEEDANCES.MXD

VPMW-2	Results (mg/L)	DCL Exceeded
Arsenic	0.15	I
Lead	1.1	I
Mercury	0.0024	R

VPMW-1	Results (mg/L)	DCL Exceeded
Arsenic	13	I
Beryllium	0.0059	R
Cadmium	0.011	R
Chromium	0.18	R
Lead	0.61	I
Thallium	0.015	I

VPMW-3	Results (mg/L)	DCL Exceeded
Arsenic	0.15	I
Beryllium	0.0057	R
Cadmium	0.22	I
Chromium	0.15	R
Lead	3	I
Thallium	0.0094	I
Zinc	91	I

VPMW-4	Results (mg/L)	DCL Exceeded
Arsenic	0.059	I
Beryllium	0.0059	R
Chromium	0.25	R
Lead	0.56	I
Thallium	0.015	I
Zinc	2.5	R

Legend

- 2007 URS Sample in Previously Uninvestigated Area
- 2007 URS Container Storage Area Sample
- 2007 URS Sediment Sample
- 1995 Roy F. Weston Sample
- 2007 URS Step-Out Soil Sample
- 2002 URS Sample
- Verma Property Boundary

N

150 75 0 150

Feet

1 inch equals 300 feet

Notes:
1. Orthophotograph taken in Spring 2005. - Source: IGIC.
2. Parcel lines from City of La Porte.
3. I = Industrial
4. R= Residential
5. DCL = Default Closure Level
6. All data from current and historic investigations are validated.
7. Building demolished at time of 2007. investigation.

DESIGN:	RN	CHK'D:	SR
DRAWN:	MDC	DATE:	11/29/07

O:\DELIVERABLES_LIBRARY\LAPORTE\VERMAPROPERTY\REPORT\VERMA_FIG7_GWEXCEEDANCES.PDF

Groundwater Exceedances
Supplemental Site Investigation
Verma Property
City of La Porte, Indiana

URS
Chicago, Illinois 60606

Project No.	Fig No.
25366232	7

O:_PROJECTS_(APR-MXD)_G-L\LAPORTE IN\VERMAPROPERTY\VERMA_FIG8_ENGINEEREDBARRIERS.MXD

SS04-01 (0-2')	Results (mg/Kg)	DCL Exceeded
Lead	3340	MG, SD, C

VPBH-14 (0-2')	Results (mg/Kg)	DCL Exceeded
Arsenic	41	MG, SD

VPBH-16 (0-2')	Results (mg/Kg)	DCL Exceeded
Lead	3900	MG, SD, C

VPBH-05 (4-6')	Results (mg/Kg)	DCL Exceeded
Benzo(a)pyrene	1.6	SD
Arsenic	52	MG, SD

VPBH-21 (3-5')	Results (mg/Kg)	DCL Exceeded
Lead	1100	MG, SD, C

VPBH-24 (2-4')	Results (mg/Kg)	DCL Exceeded
Benzo(a)pyrene	2.2	SD

VPBH-03 (4-6')	Results (mg/Kg)	DCL Exceeded
Benzo(a)pyrene	7.8	SD
Dibenzo(a,h)anthracene	2.2	SD

SS02-01 (0-2')	Results (mg/Kg)	DCL Exceeded
Benzo(a)pyrene	2.2	SD

VPBH-V3 (5-7')	Results (mg/Kg)	DCL Exceeded
Benzo(a)pyrene	2.7	SD

VPBH-STEEL (5-7')	Results (mg/Kg)	DCL Exceeded
Arsenic	23	MG, SD

VPBH-H2 (5-6')	Results (mg/Kg)	DCL Exceeded
Benzo(a)pyrene	3.5	SD

VPBH-H3 (5-6')	Results (mg/Kg)	DCL Exceeded
Benzo(a)pyrene	5.3	SD
Dibenzo(a,h)anthracene	1.6 J	SD

VPBH-H2A (3-5')	Results (mg/Kg)	DCL Exceeded
Benzo(a)pyrene	8.6	SD
Dibenzo(a,h)anthracene	3.2	SD

A.C. Trust Property

Blalack Property

George

Basso Property

Clear Lake

Lily Lake

VPBH-14, VPBH-15, VPBH-16, SS04-01, SD02-01A, VPSD-06, SD02-01B, VPBH-26, SS03-01, VPMW-2, VPBH-25, VPBH-24, VPBH-05, SD01-01A, VPSD-05, VPSD-01, VPBH-12, VPSD-02, SD01-01B, VPBH-11, SD01-01C, VPSD-04, SD02-01C, VPSD-03, VPBH-07, VPBH-10, VPBH-06, VPBH-08, SS02-01, SS01-01, VPMW-1, VPBH-09, VPMW-3, VPBH-13, VPBH-17, VPBH-03, VPBH-19, VPBH-18, VPBH-21, VPBH-20, VPBH-H3, VPBH-H2, VPBH-H2A, VPBH-STEEL, VPBH-V3, VPBH-22, VPBH-27, VPBH-04, VPBH-28, VPBH-29, VPBH-23, VPMW-4

Legend

- 2007 URS Sample in Previously Uninvestigated Area
- 2007 URS Container Storage Area Sample
- Proposed Remediation Boundary
- 2007 URS Sediment Sample
- 1995 Roy F. Weston Sample
- Verma Property Boundary
- 2007 URS Step-Out Soil Sample
- 2002 URS Sample

N

150 75 0 150

Feet

1 inch equals 300 feet

Notes:
1. Orthophotograph taken in Spring 2005. - Source: IGIC.
2. Parcel lines from City of La Porte.
3. SD = Direct Exposure
4. MG = Migration to groundwater pathway
5. C = Construction Worker
6. DCL = Default Closure Level
7. All data from current and historic investigations are validated.
8. Building demolished at time of 2007. investigation.

DESIGN:	RN	CHK'D:	SR
DRAWN:	MDC	DATE:	11/29/07

O:\DELIVERABLES_LIBRARY\LAPORTE\VERMAPROPERTY\REPORT\VERMA_FIG8_REMBOUNDARIES.PDF

Proposed Remediation Boundaries
Supplemental Site Investigation
Verma Property
City of La Porte, Indiana

URS
Chicago, Illinois 60606

Project No.	Fig No.
25366232	8

O:_PROJECTS_(APR-MXD)_G-L\LAPORTE IN\VERMAPROPERTY\VERMA_FIG9_CWPRECAUTIONS.MXD

SS04-01 (0-2')	Results (mg/Kg)	DCL Exceeded
Lead	3340	MG, SD, C

VPBH-16 (0-2')	Results (mg/Kg)	DCL Exceeded
Lead	3900	MG, SD, C

VPBH-21 (3-5')	Results (mg/Kg)	DCL Exceeded
Lead	1100	MG, SD, C

A.C. Trust Property

Blalack Property

George

Basso Property

Clear Lake

Lily Lake

SD02-01A, VPSD-06, SD02-01B, VPBH-14, SS04-01, VPBH-15, VPBH-16, SS03-01, VPBH-26, VPMW-2, VPBH-24, VPSD-05, VPBH-25, VPBH-05, SD01-01A, VPBH-13, VPBH-17, VPBH-03, VPBH-12, VPSD-01, VPBH-19, VPBH-18, VPBH-21, VPSD-02, SD01-01B, VPBH-11, SD01-01C, VPSD-04, SD02-01C, VPBH-20, VPSD-03, VPBH-07, VPBH-10, VPBH-06, VPBH-H3, VPBH-H2, VPBH-V3, VPBH-STEEL, VPBH-H2A, VPBH-08, SS02-01, SS01-01, VPMW-1, VPBH-09, VPBH-22, VPMW-3, VPBH-27, VPBH-04, VPBH-28, VPBH-29, VPBH-23, VPMW-4

Legend

- 2007 URS Sample in Previously Uninvestigated Area
- 2007 URS Container Storage Area Sample
- Proposed Construction Worker Precaution Area
- 2007 URS Sediment Sample
- 1995 Roy F. Weston Sample
- Verma Property Boundary
- 2007 URS Step-Out Soil Sample
- 2002 URS Sample

N

150 75 0 150

Feet

1 inch equals 300 feet

Notes:
1. Orthophotograph taken in Spring 2005. - Source: IGIC.
2. Parcel lines from City of La Porte.
3. SD = Direct Exposure
4. MG = Migration to groundwater pathway
5. C = Construction Worker
6. DCL = Default Closure Level
7. All data from current and historic investigations are validated.
8. Building demolished at time of 2007. investigation.

DESIGN:	RN	CHK'D:	SR
DRAWN:	MDC	DATE:	11/29/07

O:\DELIVERABLES_LIBRARY\LAPORTE\VERMAPROPERTY\REPORT\VERMA_FIG9_CWPRECAUTIONS.PDF

Proposed Construction Worker Precaution Areas
Supplemental Site Investigation
Verma Property
City of La Porte, Indiana

URS
Chicago, Illinois 60606

Project No.	Fig No.
25366232	9

Well Summary

There were 33 matches.

Click on the Reference Number for more information about any specific well. If you wish to purchase a tab-delimited file, please click "Download Tab-Delimited File".

Download Tab-Delimited File

Reference Number	*Driving directions to well*			*Date completed*
1744	SEE MAP			May 06, 1992
Owner-Contractor	***Name***	***Address***		***Telephone***
Well Owner	RUSSELL LAMKIN	6411 N 125W, LAPORTE, IN		(219)324-4388
Building Contractor				
Drilling Contractor	S J TATAY DRILLING, INC	25020 SR 2, SOUTH BEND, IN		(219)232-1006
Administrative	***County:*** LaPorte		***Township:*** 37N ***Range:*** 3W	
	Section: of Section 35		***Topo map:*** Springville	
	Grant Number:			
	Subdivision name:		***Lot number:***	
	Depth: 48.0			

Reference Number	*Driving directions to well*			*Date completed*
23940	POLK ST. FROM HWY39-35, 700 FREEMONT ST. TURN N. 1 BLOCK.			Sep 06, 1962
Owner-Contractor	***Name***	***Address***		***Telephone***
Well Owner	DONALD LASH	620 FREEMONT		
Building Contractor				
Drilling Contractor	HUNT'S HOOSIER HARDWARE	ROLLING PRAIRIE, IN		
Administrative	***County:*** LaPorte		***Township:*** 37N ***Range:*** 3W	
	Section: SW of the NWof the SW of Section 26		***Topo map:*** Springville	
	Grant Number:			
	Subdivision name:		***Lot number:***	
	Depth: 93.0			

Reference Number	*Driving directions to well*			*Date completed*
23941	MCCLUNG RD S. SIDE OF FISHTRAP LK.			Aug 24, 1961
Owner-Contractor	***Name***	***Address***		***Telephone***
Well Owner	JOHN HARTKE	MCCLUNG RD		
Building Contractor				
Drilling Contractor	DYE PLUMBING & HEATING	LAPORTE, IN		
Administrative	***County:*** LaPorte		***Township:*** 37N ***Range:*** 3W	
	Section: of Section 26		***Topo map:*** Springville	
	Grant Number:			
	Subdivision name:		***Lot number:***	

Depth: 39.0

Reference Number **23942**

Driving directions to well: LINCOLN WAY E. TO PARK ST., N. ON PARK TO 100W, N. ON 100W.TO SEVERS RD, LEFT 500 FEET.

Date completed: May 31, 1974

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	ROBERT ELSHIRE	616 FOURTH ST.	
Building Contractor			
Drilling Contractor	DYE PLUMBING & HEATING	712 MADISON ST., P.O.BOX 96, LAPORTE, IN	

Administrative

County: LaPorte *Township:* 37N *Range:* 3W

Section: NE of the NEof the NE of Section 26 *Topo map:* Springville

Grant Number:

Subdivision name: *Lot number:*

Depth: 148.0

Reference Number **23943**

Driving directions to well: N. ON 39 TO MCCLUNG RD. TURN E. ABOUT 1 BLOCK ON N. SIDE OF RD.

Date completed: Nov 05, 1976

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	JIM MAGANSON	MCCLUNG RD., LAPORTE	
Building Contractor			
Drilling Contractor	HUNT'S INC.	ROLLING PRAIRIE	

Administrative

County: LaPorte *Township:* 37N *Range:* 3W

Section: NW of the NWof the NW of Section 26 *Topo map:* Springville

Grant Number:

Subdivision name: *Lot number:*

Depth: 42.0

Reference Number **23944**

Driving directions to well:

Date completed: Mar 03, 1951

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	CITY OF LAPORTE		
Building Contractor			
Drilling Contractor	LAYNE NORTHERN	MISHAWALKA IN	

Administrative

County: LaPorte *Township:* 37N *Range:* 3W

Section: of Section 26 *Topo map:* La Porte East

Grant Number:

Subdivision name: *Lot number:*

Depth: 137.0

Reference Number **23945**

Driving directions to well: ON MCCLUNG RD, N. SIDE OF LAPORTE, E. OF RR ABOUT .5 MILES NE OF INTERSECTION 35 &39. ACROSS RD FROM S. SHORE OF FISH TRAP LAKE. N. SHORE MOTOR SALES.

Date completed: Apr 16, 1960

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	ARTHUR MAGINSON	PINE LAKE AVE., LAPORTE	
Building Contractor			
Drilling Contractor	JAMES DILL	RR1, BOX 55, LAPORTE	

Administrative

County: LaPorte *Township:* 37N *Range:* 3W

Section: NW of Section 26 *Topo map:* Springville

Grant Number:

Subdivision name: *Lot number:*

Depth: 55.0

Reference Number **23946**

Driving directions to well: 134 MCCLUNG.

Date completed: Apr 25, 1964

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	FRANK MANNIA	134 MCCLUNG RD.	
Building Contractor			
Drilling Contractor	HUNT'S HARDWARE	ROLLING PRAIRIE	

Administrative

County: LaPorte *Township:* 37N *Range:* 3W

Section: of Section 26 *Topo map:* Springville

Grant Number:

Subdivision name: *Lot number:*

Depth: 54.0

Reference Number **23947**

Driving directions to well: ON E. END OF WILLIAMS ST. 1ST HOUSE ACROSS RR TRACKS.

Date completed: Jun 21, 1965

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	WILLIE JONES	LAPORTE	
Building Contractor			
Drilling Contractor	HUNT'S HARDWARE	ROLLING PRAIRIE	

Administrative

County: LaPorte *Township:* 37N *Range:* 3W

Section: SEof the SW of Section 26 *Topo map:* La Porte East

Grant Number:

Subdivision name: *Lot number:*

Depth: 145.0

Reference Number **23948**

Driving directions to well: N. FROM LINCOLNWAY ON PARK ST TO MCLUNG RD. TURM WEST.

Date completed: Oct 12, 1962

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	JOHN SARWIE	146 W. MCCLUNG RD.	
Building Contractor			
Drilling Contractor	HUNT'S HARDWARE	ROLLING PRAIRIE	

Administrative

County: LaPorte *Township:* 37N *Range:* 3W

Section: of Section 26 *Topo map:* Springville

Grant Number:

Subdivision name: *Lot number:*

Depth: 36.0

Reference Number **23949**

Driving directions to well: 3 RDS W. OF ROLLER RINK ON MCCLUNG RD. LONG DRIVEWAY. 100 YDS N. OF MCCLUNG RD.

Date completed: Sep 28, 1964

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	G. GRIDLEY	133W MCCLUNG RD. LAPORTE	
Building Contractor			
Drilling Contractor	HUNT'S HOOSIER HARDWARE	ROLLING PRAIRIE, IN	

Administrative	*County:* LaPorte		*Township:* 37N *Range:* 3W
	Section: of Section 26		*Topo map:* Springville
	Grant Number:		
	Subdivision name:		*Lot number:*
	Depth: 40.0		

Reference Number **23950**

Driving directions to well

Date completed Jun 18, 1948

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	CITY OF LAPORTE		
Building Contractor			
Drilling Contractor	LAYNE NORTHERN		

Administrative	*County:* LaPorte		*Township:* 37N *Range:* 3W
	Section: of Section 26		*Topo map:* La Porte East
	Grant Number:		
	Subdivision name:		*Lot number:*
	Depth:		

Reference Number **23951**

Driving directions to well HWY20 TO HWY39, TURN LEFT TO MCCLUNG NEAR LAPORTE, LEFT ON MCCLUNG. 1ST PLACE ON LEFT.

Date completed May 30, 1984

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	JIM MAGNUSON	199 MCCLUNG RD.	
Building Contractor			
Drilling Contractor	HUNT'S HOOSIER HARDWARE	ROLLING PRAIRIE, IN	

Administrative	*County:* LaPorte		*Township:* 37N *Range:* 3W
	Section: NW of the NWof the NW of Section 26		*Topo map:* Springville
	Grant Number:		
	Subdivision name:		*Lot number:*
	Depth: 47.0		

Reference Number **24048**

Driving directions to well PINE LAKE AVE. N. OF LAPORTE ACROSS RD FROM LAKE AND BOAT MART.

Date completed Aug 20, 1963

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	CITIES SERVICE		
Building Contractor			
Drilling Contractor	HUNT'S HOOSIER HARDWARE	ROLLING PRAIRIE, IN	

Administrative	*County:* LaPorte		*Township:* 37N *Range:* 3W
	Section: of Section 26		*Topo map:* Springville
	Grant Number:		
	Subdivision name:		*Lot number:*
	Depth: 32.0		

Reference Number **24120**

Driving directions to well HAWTHORNE WELL

Date completed Jan 01, 1962

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	LA PORTE		

Building Contractor
Drilling Contractor LAYNE NORTHERN MISHAWALKA IN
Administrative *County:* LaPorte *Township:* 37N *Range:* 3W
Section: NW of the SEof the SW of Section 35 *Topo map:* La Porte East
Grant Number:
Subdivision name: *Lot number:*
Depth: 139.0

Reference Number **24125**
Driving directions to well AT LILY CARE PLANT
Date completed Jun 18, 1948

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	CITY OF LAPORTE	LAPORTE IN	
Building Contractor			
Drilling Contractor	LAYNE NORTHERN	MISHAWALKA IN	

Administrative *County:* LaPorte *Township:* 37N *Range:* 3W
Section: NEof the SW of Section 35 *Topo map:* La Porte East
Grant Number:
Subdivision name: *Lot number:*
Depth: 132.0

Reference Number **24130**
Driving directions to well 50'N OF LAKE ST 50'E OF HAWTHORNE ST
Date completed Jan 05, 1962

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	CITY WATER DEPT LAPORTE	LAPORTE, IN	
Building Contractor			
Drilling Contractor			

Administrative *County:* LaPorte *Township:* 37N *Range:* 3W
Section: NW of the SEof the SW of Section 35 *Topo map:* La Porte East
Grant Number:
Subdivision name: *Lot number:*
Depth: 155.0

Reference Number **24135**
Driving directions to well 50'N OF LAKE ST 50'E OF HAWTHORNE ST
Date completed Jun 30, 1962

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	CITY WATER DEPT LILY LAKE PLAN		
Building Contractor			
Drilling Contractor			

Administrative *County:* LaPorte *Township:* 37N *Range:* 3W
Section: NW of the SEof the SW of Section 35 *Topo map:* La Porte East
Grant Number:
Subdivision name: *Lot number:*
Depth: 139.0

Reference Number **24286**
Driving directions to well ON SR35 NEXT TO CR RR TRACKS.
Date completed Jun 03, 1967

Owner-Contractor	*Name*	*Address*		*Telephone*
Well Owner	GEORGE CRK	RR5, LAPORTE		
Building Contractor				
Drilling Contractor	HUNT'S HARDWARE	ROLLING PRAIRIE		
Administrative	*County:* LaPorte		*Township:* 37N *Range:* 3W	
	Section: SEof the NW of Section 35		*Topo map:* La Porte East	
	Grant Number:			
	Subdivision name:		*Lot number:*	
	Depth: 54.0			

Reference Number **24291**

Driving directions to well: ON CORNER OF US35 AND ST39 FURNITURE STORE.

Date completed: Apr 17, 1964

Owner-Contractor	*Name*	*Address*		*Telephone*
Well Owner	SAM ORNO	LAPORTE		
Building Contractor				
Drilling Contractor	HUNT'S HARDWARE	ROLLING PRAIRIE		
Administrative	*County:* LaPorte		*Township:* 37N *Range:* 3W	
	Section: NEof the SE of Section 35		*Topo map:* La Porte East	
	Grant Number:			
	Subdivision name:		*Lot number:*	
	Depth: 50.0			

Reference Number **24296**

Driving directions to well: BEHIND TREATMENT PLANT 50'N OF AERATOR 125' W OF RR TRACKS

Date completed: Sep 17, 1982

Owner-Contractor	*Name*	*Address*		*Telephone*
Well Owner	CITY OF LAPORTE	801 MICHIGAN AVE, LAPORTE, IN		
Building Contractor				
Drilling Contractor	PEERLESS-MIDWEST INC	PO BOX 25, GRANGER, IN		
Administrative	*County:* LaPorte		*Township:* 37N *Range:* 3W	
	Section: NE of the NEof the SW of Section 35		*Topo map:* La Porte West	
	Grant Number:			
	Subdivision name:		*Lot number:*	
	Depth: 167.0			

Reference Number **135106**

Driving directions to well: 39 TO SEVERS RD 90E TO MEADOW LN TURN SO 1ST HOUSE

Date completed: Jul 22, 1992

Owner-Contractor	*Name*	*Address*		*Telephone*
Well Owner	MIKE LUTHER	2022 N MEDOW LN LAPORTE IN		(219)362-3833
Building Contractor				
Drilling Contractor	UNION MILLS WELL DRILLING	PO BOX 47 UNION MILLS IN		(219)767-2933
Administrative	*County:* LaPorte		*Township:* 37N *Range:* 3W	
	Section: NWof the NW of Section 26		*Topo map:* Springville	
	Grant Number:			
	Subdivision name:		*Lot number:*	
	Depth: 150.0			

Reference Number

Driving directions to well: TAKE SR39 N OUT OF LAPORTE TO MCCLUNG RD,

Date completed:

159118 GO E ON MCCLUNG RD, FOR 100 YDS, HSE IS ON N SIDE — Jan 12, 1995

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	MARY MILLER	191 W MCCLUNG RD, LAPORTE IN	
Building Contractor	DYE PLUMBING & HEATING	712 MADISON ST, LAPORTE IN	(219)362-6251
Drilling Contractor	CLEARWATER WELL & PUMP	5705 E 300N ROLLING PRAIRIE IN	(219)778-2368

Administrative
County: LaPorte *Township:* 37N *Range:* 3W
Section: NWof the NW of Section 26 *Topo map:* Michigan City East
Grant Number:
Subdivision name: *Lot number:*
Depth: 84.0

Reference Number **226458** *Driving directions to well*: 1 BLK OFF HWY 39 ON MCGLUNG RD — *Date completed*: Feb 21, 1995

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	MAPLE CITY VENTURE	170 W MCCLUNG RD, LAPORTE IND	(000)872-3843
Building Contractor			
Drilling Contractor	LAKELAND PUMP AND WELL	401 KARWICK RD, MICH CITY IND	(219)872-6627

Administrative
County: LaPorte *Township:* 37N *Range:* 3W
Section: of Section 26 *Topo map:* Springville
Grant Number:
Subdivision name: *Lot number:*
Depth: 62.0

Reference Number **260804** *Driving directions to well*: SEVERS RD W OF FAIL RD, 1ST HOUSE ON R PAST 100W ON R — *Date completed*: Dec 26, 1991

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	LAPORTE CREDIT BUREAU	1900 W SEVERS RD, LAPORTE IN	
Building Contractor	STONEWOOD CONST	1074 W SEVERS RD, LAPORTE IN	
Drilling Contractor	CLEARWATER WELL AND PUMP	5705 E 300N, ROLLING PRAIRIE IN	(219)778-2368

Administrative
County: LaPorte *Township:* 37N *Range:* 3W
Section: of Section 26 *Topo map:* Springville
Grant Number:
Subdivision name: *Lot number:*
Depth: 148.0

Reference Number **260811** *Driving directions to well*: N OF PINE LAKE OFF SR39. — *Date completed*: Aug 22, 1989

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	LARRY SMITH	1218 W SEVERS RD, LAPORTE	
Building Contractor			
Drilling Contractor	JOHNSON WELL DRILLING	1303 ROBIN RD, VALPARAISO IN	

Administrative
County: LaPorte *Township:* 37N *Range:* 3W
Section: of Section 26 *Topo map:* Springville
Grant Number:

Subdivision name: *Lot number:*

Depth: 135.0

Reference Number **260878**

Driving directions to well: SR#20W. TO FAIL RD.. L. TO SEVERS RD. R. GO TO MEDOW LANE TURN L. ON MEDOW LANE 2ND. HOUSE ON L.

Date completed: Apr 18, 1988

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	DEBIE KOSTKA	1989 MEDOW LANE	
Building Contractor			
Drilling Contractor	HUNTS ,INC.	ROLLING PRAIRIE,IN.	

Administrative

County: LaPorte *Township:* 37N *Range:* 3W

Section: of Section 26 *Topo map:* Springville

Grant Number:

Subdivision name: *Lot number:*

Depth: 140.0

Reference Number **268164**

Driving directions to well: HWY 39 SEVERS RD 39 S .25 MILE E SIDE

Date completed: Nov 05, 1995

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	RONALD CMIEL	205 HWY 39 LAPORTE, IND	
Building Contractor			
Drilling Contractor	HENRICH WELL DRILLING	8657 N 600W MICHIGAN CITY, IND	(219)874-5086

Administrative

County: LaPorte *Township:* 37N *Range:* 3W

Section: NWof the NW of Section 26 *Topo map:* Springville

Grant Number:

Subdivision name: *Lot number:*

Depth: 82.0

Reference Number **277854**

Driving directions to well: HWY 39 U SEVERS RD, HWY 39 S .2 MI E SIDE

Date completed: Aug 20, 1996

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	MAYES ROOFING-BILL WESTON	207 SR 39, LAPORTE, IN4	
Building Contractor			
Drilling Contractor	HENRICH WELL DRILLING	8657N 600W, MICH CITY, IN	(219)874-5086

Administrative

County: LaPorte *Township:* 37N *Range:* 3W

Section: NW of Section 26 *Topo map:* Springville

Grant Number:

Subdivision name: *Lot number:*

Depth: 90.0

Reference Number **291854**

Driving directions to well: NE SW 445 N. OF CL LAKE ST. AND ON CL TYLER ST.

Date completed:

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	CITY OF LAPORTE		
Building Contractor			
Drilling Contractor	LAYNE NORTHERN	MISHAWAKA	

Administrative

County: LaPorte *Township:* 37N *Range:* 3W

Section: of Section 35 *Topo map:* La Porte East

Grant Number:

Subdivision name: *Lot number:*

Depth: 124.0

Reference Number **291855**

Driving directions to well: LAPORTE

Date completed:

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	CITY OF LAPORTE		
Building Contractor			
Drilling Contractor	C. REYNOLDS		

Administrative

County: LaPorte *Township:* 37N *Range:* 3W

Section: of Section 35 *Topo map:* La Porte East

Grant Number:

Subdivision name: *Lot number:*

Depth: 105.0

Reference Number **311156**

Driving directions to well: JCT OF SR39 & US35 TAKE SR39 N GO TO MCCLUNG RD TURN E GO TO HSE ON N SD OF RD

Date completed: Jul 23, 1998

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	KEITH AINSWORTH	169 MCCLUNG RD, LAPORTE, IN	
Building Contractor			
Drilling Contractor	CLEARWATER WELLS & PUMP	PO BOX 314, ROLLING PRAIRIE, IN	

Administrative

County: LaPorte *Township:* 37N *Range:* 3W

Section: of Section 26 *Topo map:* Springville

Grant Number:

Subdivision name: *Lot number:*

Depth: 60.0

Reference Number **378786**

Driving directions to well: FROM SR 39 TAKE MCCLUNG RD E TO HOUSE ON S SIDE

Date completed: Oct 21, 2003

Owner-Contractor	*Name*	*Address*	*Telephone*
Well Owner	HARTKE	152B W MCCLUNG RD LAPORTE IN	
Building Contractor			
Drilling Contractor	CLEARWATER WELL & PUMP	PO BOX 314 ROLLING PRAIRIE IN	(219)778-2368

Administrative

County: LaPorte *Township:* 37N *Range:* 3W

Section: NW of Section 26 *Topo map:* Springville

Grant Number:

Subdivision name: *Lot number:*

Depth: 70.0

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Log of Boring: VPBH-09 ***Project:*** Verma Property ***Project No:*** 25366232.10000

Client: City of La Porte ***Reviewed By:*** Sarah Rubin

Location: La Porte, Indiana ***Surface Elevation (ft):*** NA

Logged By: Rachel Naccarati/Junaluska Williams ***Completion Depth (ft):*** 20

Date Started: 7/9/07 ***Rock Depth (ft):*** Not Encountered

Date Finished: 7/9/07 ***Groundwater Depth (ft):*** 10

Subsurface Profile			Sample Information				
Depth	Graphic Log	Description	Sample Type	Recovery (inches)	Blow Counts	Sample PID (PPM)	Remarks
		Ground Surface					
0		Asphalt 5 in.					
1		***Sand and Gravel (SW-GW)*** Brown to yellowish orange, dry to moist, sand and gravel (SW-GW), probable fill, trace clay	SS	19	5 9 13 9	3	Begin drilling at 1200. Sample VPBH-09SS taken at 1100 from 0-2 ft on 7/12/07.
2							
3			SS	15	13 5 7 7	12	
4							
5		***Clayey Sand (SC)*** Brown to yellowish orange, moist, clayey sand (SC), probable fill, trace gravel	SS	13	4 2 2 3	42.1	
6		Asphalt 5 in.					
7		***Clayey Sand (SC)*** Light gray, moist, clayey sand (SC), trace gravel	SS	14	3 2 2 2	44	Sample VPBH-09 taken at 1230 from 6-8 ft.
8		***Silty Clay (CL)*** Dark gray, moist, silty clay (CL)					
9			SS	22	1 1 1 1	50	Sample VPBH-09-8-10 taken at 1240 from 8-10 ft.
10		***Clayey Sand (SC)*** Gray, moist, clayey sand (SC)					
11		***Sand (SP)*** Grayish brown, wet, sand (SP), trace f-m gravel, trace clay	SS	20	1/12 in. 1 1	0	
12							
13		***Clayey Sand (SC)*** Dark brown to light gray, wet, clayey sand (SC), trace f-c gravel	SS	22	1 4 6 5	0	
14							

URS
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Drilling Company: DLZ
Driller: Kris LaFoy/Jim Torres
Drilling Equipment: Diedrich D-120
Drilling Method: HSA

Drill Bit Size/Type: 4.25 in. ID HSA
Borehole Backfill: Soil Cuttings
Type of sampler: Split Spoon
Hammer weight/drop: 140 lb. / 30 in.

Subsurface Profile			Sample Information				Remarks
Depth	Graphic Log	Description	Sample Type	Recovery (inches)	Blow Counts	Sample PID (PPM)	
15		***Sand (SP)*** Dark brown to light gray, wet, sand (SP), trace clay, trace f-m gravel Seam of dark brown, moist, silty clay from 15.7 to 16 and 17.7 to 18 ft bgs	SS	24	3 2 2 2	0	
16							
17			SS	24	3 1 2 3	0	
18							
19			SS	24	2 2 7 11	0	Complete borehole at 1300.
20		End of Borehole					
21							
22							
23							
24							
25							
26							
27							
28							

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Drilling Company: DLZ
Driller: Kris LaFoy/Jim Torres
Drilling Equipment: Diedrich D-120
Drilling Method: HSA

Drill Bit Size/Type: 4.25 in. ID HSA
Borehole Backfill: Soil Cuttings
Type of sampler: Split Spoon
Hammer weight/drop: 140 lb. / 30 in.

Log of Boring: VPBH-10 ***Project:*** Verma Property
Client: City of La Porte
Location: La Porte, Indiana
Logged By: Rachel Naccarati/Junaluska Williams
Date Started: 7/9/07
Date Finished: 7/9/07

Project No: 25366232.10000
Reviewed By: Sarah Rubin
Surface Elevation (ft): NA
Completion Depth (ft): 9
Rock Depth (ft): Not Encountered
Groundwater Depth (ft): 5

Subsurface Profile			Sample Information				
Depth	Graphic Log	Description	Sample Type	Recovery (inches)	Blow Counts	Sample PID (PPM)	Remarks
		Ground Surface					
0		Asphalt					Begin drilling at 1340.
1		***Sand and Gravel (SP-GP)*** Yellowish orange, dry to moist, sand and gravel (SP-GP), probable fill, little clay, traces of asphalt	SS	18	3 4 5 4	0	Sample VPBH-10 taken at 1105 from 0-2 ft on 7/12/07.
2							
3			SS	16	2 2 2 1	0	
4							
5		***Sand (SW)*** Yellowish orange, wet, sand (SW), trace f-c gravel	SS	13	1 1 1 1	0	
6							
7			SS	14	1/12 in. 1/12 in.	0	Water level measured 8.2 ft. per drillers.
8							Complete borehole at 1355.
9		End of Borehole					
10							
11							
12							
13							
14							
15							

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Drilling Company: DLZ
Driller: Kris LaFoy/Jim Torres
Drilling Equipment: Diedrich D-120
Drilling Method: HSA

Drill Bit Size/Type: 4.25 in. ID HSA
Borehole Backfill: Soil Cuttings
Type of sampler: Split Spoon
Hammer weight/drop: 140 lb. / 30 in.

Log of Boring: VPBH-11 ***Project:*** Verma Property ***Project No:*** 25366232.10000

Client: City of La Porte ***Reviewed By:*** Sarah Rubin

Location: La Porte, Indiana ***Surface Elevation (ft):*** NA

Logged By: Rachel Naccarati/Junaluska Williams ***Completion Depth (ft):*** 20

Date Started: 7/10/07 ***Rock Depth (ft):*** Not Encountered

Date Finished: 7/10/07 ***Groundwater Depth (ft):*** 8

Subsurface Profile			Sample Information				
Depth	Graphic Log	Description	Sample Type	Recovery (inches)	Blow Counts	Sample PID (PPM)	Remarks
		Ground Surface					
0		Asphalt 5 in. Concrete 18 in.					Begin drilling at 800.
2		***Clayey Sand (SC)*** Brown, moist, clayey sand (SC), trace f-m gravel	SS	14	13 2 2 2	64.7	Sample VPBH-11 taken at 840 from 2-4 ft.
4		***Sand (SP)*** Brown, wet, sand (SP), little clay	SS	9	1 1/12 in. 1	11.3	
6		***Clayey Sand (SC)*** Brown, moist, clayey sand (SC), trace f-m gravel	SS	6	1/12 in. 3 2	10.7	
8		***Sand (SP)*** Brown, wet, sand (SP), little f-c gravel, trace clay	SS	17.5	1 1 2 2	4.2	
10			SS	5	1 3 4 5	2.1	
12			SS	18	1 2 2 2	0	
14							

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Drilling Company: DLZ
Driller: Kris LaFoy/Jim Torres
Drilling Equipment: Diedrich D-120
Drilling Method: HSA

Drill Bit Size/Type: 4.25 in. ID HSA
Borehole Backfill: Soil Cuttings
Type of sampler: Split Spoon
Hammer weight/drop: 140 lb. / 30 in.

Subsurface Profile			Sample Information				
Depth	Graphic Log	Description	Sample Type	Recovery (inches)	Blow Counts	Sample PID (PPM)	Remarks
15			SS	17	1/12 in. 1/12 in.	0	
16							
17			SS	24	1 3 7 12	0	
18							
19			SS	24	4 6 6 7	0	Complete borehole at 905.
20		End of Borehole					
21							
22							
23							
24							
25							
26							
27							
28							

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Drilling Company: DLZ
Driller: Kris LaFoy/Jim Torres
Drilling Equipment: Diedrich D-120
Drilling Method: HSA

Drill Bit Size/Type: 4.25 in. ID HSA
Borehole Backfill: Soil Cuttings
Type of sampler: Split Spoon
Hammer weight/drop: 140 lb. / 30 in.

Log of Boring: VPBH-12 ***Project:*** Verma Property ***Project No:*** 25366232.10000

Client: City of La Porte ***Reviewed By:*** Sarah Rubin

Location: La Porte, Indiana ***Surface Elevation (ft):*** NA

Logged By: Rachel Naccarati/Junaluska Williams ***Completion Depth (ft):*** 20

Date Started: 7/10/07 ***Rock Depth (ft):*** Not Encountered

Date Finished: 7/10/07 ***Groundwater Depth (ft):***

Subsurface Profile			Sample Information				
Depth	Graphic Log	Description	Sample Type	Recovery (inches)	Blow Counts	Sample PID (PPM)	Remarks
		Ground Surface					
0		***Sand (SP)*** Olive gray, sand (SP), little f-c gravel	SS	20	10 13 18 2	0	Begin drilling at 1000. Sample VPBH-12 taken at 1005 from 0-2 ft. Sample Phys-1 taken at 1005 from 0-2 ft.
2		***Sandy Clay (SC)*** Dark brown, moist, sandy clay (SC), trace f-m gravel	SS	15	3 4 4 5	0	
4		***No recovery***	SS	NA	2 1 1 1	0	Possible rock in auger.
6		***Peat*** Dark brown, moist, peat, trace f-c sand, trace f-m gravel	SS	12	1/12 in. 1 1	0	
8			SS	11	1 1/12 in. 2	0	
10			SS	21	0 0 1/12 in.	0	Sample Phys-2 taken at 1020 from 10-12 ft.
12			SS	24	0 1/12 in. 1	0	
13		***Silty Clay (CL)*** Gray, moist, silty clay (CL)					
14							

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Drilling Company: DLZ
Driller: Kris LaFoy/Jim Torres
Drilling Equipment: Diedrich D-120
Drilling Method: HSA

Drill Bit Size/Type: 4.25 in. ID HSA
Borehole Backfill: Soil Cuttings
Type of sampler: Split Spoon
Hammer weight/drop: 140 lb. / 30 in.

Log of Boring: VPBH-12	Project: Verma Property	Project No: 25366232.10000	Sheet 2 of 2

Subsurface Profile			Sample Information				
Depth	Graphic Log	Description	Sample Type	Recovery (inches)	Blow Counts	Sample PID (PPM)	Remarks
15			SS	24	0 0 1 1	0	Sample Phys-3 taken at 1030 from 14-16 ft.
16							
17			SS	24	1/12 in. 1 1	0	Clay was very soft. Pocket penetrometer reading 0.0 tons/sq. ft.
18							
19			SS	16	1/12 in. 1 2	0	Complete borehole at 1110.
20		End of Borehole					
21							
22							
23							
24							
25							
26							
27							
28							

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Chicago, IL 60606

Drilling Company: DLZ
Driller: Kris LaFoy/Jim Torres
Drilling Equipment: Diedrich D-120
Drilling Method: HSA

Drill Bit Size/Type: 4.25 in. ID HSA
Borehole Backfill: Soil Cuttings
Type of sampler: Split Spoon
Hammer weight/drop: 140 lb. / 30 in.

Log of Boring: VPBH-13 ***Project:*** Verma Property
Client: City of La Porte
Location: La Porte, Indiana
Logged By: Rachel Naccarati/Junaluska Williams
Date Started: 7/10/07
Date Finished: 7/10/07

Project No: 25366232.10000
Reviewed By: Sarah Rubin
Surface Elevation (ft): NA
Completion Depth (ft): 10
Rock Depth (ft): Not Encountered
Groundwater Depth (ft): 8

Subsurface Profile			Sample Information				
Depth	Graphic Log	Description	Sample Type	Recovery (inches)	Blow Counts	Sample PID (PPM)	Remarks
		Ground Surface					
0		Asphalt 3 in.					
1		***Sand (SP)*** Brown, dry to moist, sand (SP), little f-c gravel	SS	24	11 9 7 6	0	Begin drilling at 1245.
2							
3			SS	17	4 2 2 4	0	
4							
5			SS	14	3 2 4 5	0	
6		***Sand (SP)*** Black, moist to wet, sand (SP), trace f-m gravel					
7			SS	23	3 2 2 2	0	Sample VPBH-13 taken at 1305 from 6-8 ft.
8							
9			SS	24	1 2 1 2	0	Complete borehole at 1310.
10		End of Borehole					
11							
12							
13							
14							
15							

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Drilling Company: DLZ
Driller: Kris LaFoy/Jim Torres
Drilling Equipment: Diedrich D-120
Drilling Method: HSA

Drill Bit Size/Type: 4.25 in. ID HSA
Borehole Backfill: Soil Cuttings
Type of sampler: Split Spoon
Hammer weight/drop: 140 lb. / 30 in.

Log of Boring: VPBH-14 ***Project:*** Verma Property
Client: City of La Porte
Location: La Porte, Indiana
Logged By: Rachel Naccarati/Junaluska Williams
Date Started: 7/10/07
Date Finished: 7/10/07

Project No: 25366232.10000
Reviewed By: Sarah Rubin
Surface Elevation (ft): NA
Completion Depth (ft): 10
Rock Depth (ft): Not Encountered
Groundwater Depth (ft): 9.5

Subsurface Profile			Sample Information				
Depth	Graphic Log	Description	Sample Type	Recovery (inches)	Blow Counts	Sample PID (PPM)	Remarks
		Ground Surface					
0		***Topsoil*** Dark brown, dry, topsoil, little organics, trace f-m gravel	SS	17	3 6 6 6	0	Begin drilling at 1355. Sample VPBH-14 taken at 1400 from 0-2 ft.
2		***Sand (SP)*** Brown, dry, sand (SP), little fine gravel	SS	16	8 8 8 7	0	
4			SS	11	7 8 10 10	0	
6		***Clayey Sand (SC)*** Light gray, dry, clayey sand, (SC), trace f-m gravel	SS	12	14 6 5 5	0	
8			SS	17	3 2 2 2	0	Complete borehole at 1420.
10		Light gray, wet, clayey sand (SC), little f-m gravel					
		End of Borehole					
11							
12							
13							
14							
15							

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Drilling Company: DLZ
Driller: Kris LaFoy/Jim Torres
Drilling Equipment: Diedrich D-120
Drilling Method: HSA

Drill Bit Size/Type: 4.25 in. ID HSA
Borehole Backfill: Soil Cuttings
Type of sampler: Split Spoon
Hammer weight/drop: 140 lb. / 30 in.

Log of Boring: VPBH-15 ***Project:*** Verma Property ***Project No:*** 25366232.10000

Client: City of La Porte ***Reviewed By:*** Sarah Rubin

Location: La Porte, Indiana ***Surface Elevation (ft):*** NA

Logged By: Rachel Naccarati/Junaluska Williams ***Completion Depth (ft):*** 12

Date Started: 7/11/07 ***Rock Depth (ft):*** Not Encountered

Date Finished: 7/11/07 ***Groundwater Depth (ft):*** 9.5

Subsurface Profile			Sample Information				
Depth	Graphic Log	Description	Sample Type	Recovery (inches)	Blow Counts	Sample PID (PPM)	Remarks
0		Ground Surface					
1		***Topsoil*** Dark brown, dry, topsoil, little organics, trace f-m gravel	SS	22	6 10 9 5	0	Begin drilling at 755. Sample VPBH-15 taken at 800 from 0-2 ft.
3		***Sand (SP)*** Yellowish orange to brown, moist, sand (SP), little f-c gravel, trace clay	SS	15	2 3 5 7	0	
5			SS	14	2 3 4 3	0	
7			SS	11	4 2 2 5	0	
9		***Clayey Sand (SC)*** Gray, moist, clayey sand grades to sandy clay (SC), trace fine gravel	SS	13	5 5 3 2	0	
11		***Sandy Clay (SC)*** Gray, wet, sandy clay (SC), trace fine gravel	SS	20	1 2 2 3	0	Complete borehole at 825.
13		End of Borehole					No water in borehole per driller.
15							

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Drilling Company: DLZ
Driller: Kris LaFoy/Jim Torres
Drilling Equipment: Diedrich D-120
Drilling Method: HSA

Drill Bit Size/Type: 4.25 in. ID HSA
Borehole Backfill: Soil Cuttings
Type of sampler: Split Spoon
Hammer weight/drop: 140 lb. / 30 in.

Log of Boring: VPBH-16 ***Project:*** Verma Property
Client: City of La Porte
Location: La Porte, Indiana
Logged By: Rachel Naccarati/Junaluska Williams
Date Started: 7/11/07
Date Finished: 7/11/07

Project No: 25366232.10000
Reviewed By: Sarah Rubin
Surface Elevation (ft): NA
Completion Depth (ft): 20
Rock Depth (ft): Not Encountered
Groundwater Depth (ft): 10

Subsurface Profile			Sample Information				
Depth	Graphic Log	Description	Sample Type	Recovery (inches)	Blow Counts	Sample PID (PPM)	Remarks
0		Ground Surface					
1		***Topsoil*** Dark brown, dry, topsoil, little organics, trace fine gravel	SS	24	7 5 9 13	0	Begin drilling at 835. Sample VPBH-16 taken at 840 from 0-2 ft.
2		***Clayey Sand (SC)*** Yellowish orange to dark brown, dry to moist, clayey sand (SC), little f-m gravel					
3			SS	15	7 11 10 9	0	
4							
5		Brick fragments from 4-4.5 ft	SS	11	7 8 10 10	0	
6							
7			SS	12	5 7 4 6	0	
8							
9		Dark brown to light gray, moist, clayey sand (SC), roots, trace fine gravel	SS	18	1 1 8 5	0	
10							
11		Light gray, wet, clayey sand (SC), little f-c gravel	SS	19	1 1 2 2	0	
12							
13			SS	19	1 1 2 1	0	
14							

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Drilling Company: DLZ
Driller: Kris LaFoy/Jim Torres
Drilling Equipment: Diedrich D-120
Drilling Method: HSA

Drill Bit Size/Type: 4.25 in. ID HSA
Borehole Backfill: Soil Cuttings
Type of sampler: Split Spoon
Hammer weight/drop: 140 lb. / 30 in.

Subsurface Profile			Sample Information				Remarks
Depth	Graphic Log	Description	Sample Type	Recovery (inches)	Blow Counts	Sample PID (PPM)	
15		***Sand (SP)*** Grayish brown, wet, sand (SP), little f-c gravel, little clay	SS	18	3 3 5 5	0	
16							
17			SS	20	4 3 3 4	0	
18							
19			SS	15	3 4 6 6	0	
20							Complete borehole at 910.
21		End of Borehole					
22							
23							
24							
25							
26							
27							
28							

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Drilling Company: DLZ
Driller: Kris LaFoy/Jim Torres
Drilling Equipment: Diedrich D-120
Drilling Method: HSA

Drill Bit Size/Type: 4.25 in. ID HSA
Borehole Backfill: Soil Cuttings
Type of sampler: Split Spoon
Hammer weight/drop: 140 lb. / 30 in.

Log of Boring: VPBH-17 ***Project:*** Verma Property
Client: City of La Porte
Location: La Porte, Indiana
Logged By: Rachel Naccarati/Junaluska Williams
Date Started: 7/11/07
Date Finished: 7/11/07

Project No: 25366232.10000
Reviewed By: Sarah Rubin
Surface Elevation (ft): NA
Completion Depth (ft): 20
Rock Depth (ft): Not Encountered
Groundwater Depth (ft): 6

Subsurface Profile			Sample Information				Remarks
Depth	Graphic Log	Description	Sample Type	Recovery (inches)	Blow Counts	Sample PID (PPM)	
		Ground Surface					
0		Asphalt 2 in. Concrete 18 in.					Begin drilling at 955.
2		***Sand (SP)*** Yellowish orange to dark brown, dry to moist, sand (SP), trace clay, trace f-m gravel	SS	14	19 18 14 15	0	
4			SS	19	7 3 2 3	0	Sample VPBH-17 taken at 1030 from 4-6 ft.
6		Brown, wet, sand (SP), trace f-c gravel	SS	14	2 1 1 1	0	
8		Dark brown, wet, sand (SP), little clay, trace f-c gravel	SS	13	1/12 in. 1 5	0	
10		Brown, wet, sand (SP), little f-c gravel					
11		Grayish brown, wet, sand (SP), little clay, little f-c gravel	SS	24	3 5 2 4	0	
12							
13		Grayish brown, wet, sand (SP), little f-c gravel	SS	21	1 1 1/12 in.	0	
14							

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Drilling Company: DLZ
Driller: Kris LaFoy/Jim Torres
Drilling Equipment: Diedrich D-120
Drilling Method: HSA

Drill Bit Size/Type: 4.25 in. ID HSA
Borehole Backfill: Soil Cuttings
Type of sampler: Split Spoon
Hammer weight/drop: 140 lb. / 30 in.

Subsurface Profile			Sample Information				Remarks
Depth	Graphic Log	Description	Sample Type	Recovery (inches)	Blow Counts	Sample PID (PPM)	
15			SS	24	1 1 1 2	0	
16							
17			SS	24	2 2 3 3	0	
18							
19		Grayish brown, wet, sand (SP), little clay, little f-c gravel	SS	24	4 4 5 5	0	Complete borehole at 1040.
20		End of Borehole					
21							
22							
23							
24							
25							
26							
27							
28							

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Drilling Company: DLZ
Driller: Kris LaFoy/Jim Torres
Drilling Equipment: Diedrich D-120
Drilling Method: HSA

Drill Bit Size/Type: 4.25 in. ID HSA
Borehole Backfill: Soil Cuttings
Type of sampler: Split Spoon
Hammer weight/drop: 140 lb. / 30 in.

Log of Boring: VPBH-18 ***Project:*** Verma Property
Client: City of La Porte
Location: La Porte, Indiana
Logged By: Rachel Naccarati/Junaluska Williams
Date Started: 7/11/07
Date Finished: 7/11/07

Project No: 25366232.10000
Reviewed By: Sarah Rubin
Surface Elevation (ft): NA
Completion Depth (ft): 8
Rock Depth (ft): Not Encountered
Groundwater Depth (ft): 6

Subsurface Profile			Sample Information				
Depth	Graphic Log	Description	Sample Type	Recovery (inches)	Blow Counts	Sample PID (PPM)	Remarks
		Ground Surface					
0		Concrete 18 in.					Begin drilling at 1100.
1							
2		Slag in bottom 6 in.					
3		***Sandy Clay (CL-SC)*** Dark brown to black, moist, sandy clay (CL-SC), trace silt, trace f-m gravel	SS	20	11 4 9 4	19.7	Sample VPBH-18 taken at 1155 from 2-4 ft. Odor observed.
4							
5			SS	16	9 6 4 4	0	
6		***Clayey Sand (SC)*** Yellowish orange to greenish gray, wet, clayey sand (SC), little f-m gravel					
7			SS	19	3 2 1 2	0	Spring on hammer broke, delayed until fixed. Complete borehole at 1410.
8		End of Borehole					
9							
10							
11							
12							
13							
14							
15							

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Drilling Company: DLZ
Driller: Kris LaFoy/Jim Torres
Drilling Equipment: Diedrich D-120
Drilling Method: HSA

Drill Bit Size/Type: 4.25 in. ID HSA
Borehole Backfill: Soil Cuttings
Type of sampler: Split Spoon
Hammer weight/drop: 140 lb. / 30 in.

Log of Boring: VPBH-19 ***Project:*** Verma Property ***Project No:*** 25366232.10000

Client: City of La Porte ***Reviewed By:*** Sarah Rubin

Location: La Porte, Indiana ***Surface Elevation (ft):*** NA

Logged By: Rachel Naccarati/Junaluska Williams ***Completion Depth (ft):*** 9

Date Started: 7/11/07 ***Rock Depth (ft):*** Not Encountered

Date Finished: 7/12/07 ***Groundwater Depth (ft):*** 6

Subsurface Profile			Sample Information				Remarks
Depth	Graphic Log	Description	Sample Type	Recovery (inches)	Blow Counts	Sample PID (PPM)	
		Ground Surface					
0		Concrete 12 in.					Begin coring at 1420 on 7/11/07.
1		Slag in bottom 6 in.					
2		***Clayey Sand (SC)*** Dark brown to grayish brown, dry, clayey sand (SC), trace silt, trace fine gravel	SS	23	5 5 13 17	0	Begin drilling at 1020 on 7/12/07.
3							
4			SS	24	9 8 7 10	0	
5		Grayish brown, moist to wet, clayey sand (SC), trace silt, trace fine gravel					
6			SS	24	7 4 4 4	0	Sample VPBH-19 taken at 1030 from 5-7 ft.
7							
8			SS	24	2 2 2 2	0	Complete borehole at 1035.
9		End of Borehole					
10							
11							
12							
13							
14							
15							

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Drilling Company: DLZ
Driller: Kris LaFoy/Jim Torres
Drilling Equipment: Diedrich D-120
Drilling Method: HSA

Drill Bit Size/Type: 4.25 in. ID HSA
Borehole Backfill: Soil Cuttings
Type of sampler: Split Spoon
Hammer weight/drop: 140 lb. / 30 in.

Log of Boring: VPBH-20 ***Project:*** Verma Property
Client: City of La Porte
Location: La Porte, Indiana
Logged By: Rachel Naccarati/Junaluska Williams
Date Started: 7/12/07
Date Finished: 7/12/07

Project No: 25366232.10000
Reviewed By: Sarah Rubin
Surface Elevation (ft): NA
Completion Depth (ft): 21
Rock Depth (ft): Not Encountered
Groundwater Depth (ft): 6

Subsurface Profile			Sample Information				
Depth	Graphic Log	Description	Sample Type	Recovery (inches)	Blow Counts	Sample PID (PPM)	Remarks
		Ground Surface					
0		Concrete 12 in.					Begin coring at 800.
1		***Sand (SP)*** Dark brown to yellowish orange, dry, sand (SP), little f-c gravel, trace silt	SS	15	10 9 5 6	0	Begin drilling at 1205.
2							
3			SS	23	3 4 4 3	0	Sample VPBH-20 taken at 1220 from 3-5 ft.
4							
5			SS	15	3 2 2 2	0	
6		Yellowish orange to brown, moist to wet, sand (SP), little clay, little fine gravel, trace silt					
7			SS	19	1/12 in. 1 1	0	
8							
9		Grades to medium sand at 9 ft.	SS	24	1/12 in. 1 1	0	
10							
11			SS	22	1/24 in.	0	
12							
13			SS	24	1/24 in.	0	Water level measured at 13.5 ft per driller after borehole complete.
14							
15							

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Drilling Company: DLZ
Driller: Kris LaFoy/Jim Torres
Drilling Equipment: Diedrich D-120
Drilling Method: HSA

Drill Bit Size/Type: 4.25 in. ID HSA
Borehole Backfill: Soil Cuttings
Type of sampler: Split Spoon
Hammer weight/drop: 140 lb. / 30 in.

Subsurface Profile			Sample Information				
Depth	Graphic Log	Description	Sample Type	Recovery (inches)	Blow Counts	Sample PID (PPM)	Remarks
16			SS	24	1/24 in.	0	
17							
18		Dark brown, moist, peat	SS	23	1 2 2 5	0	
19		Dark brown, moist, silty clay (CL), trace f-c sand					
		Dark brown, moist, peat					
20		Dark brown, moist, silty clay (CL), little f-m sand	SS	24	4 2 2 3	0	
21		Dark gray, wet, sand (SP), trace f-c gravel, trace silt					Complete borehole at 1235.
		End of Borehole					
22							
23							
24							
25							
26							
27							
28							
29							
30							

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Drilling Company: DLZ
Driller: Kris LaFoy/Jim Torres
Drilling Equipment: Diedrich D-120
Drilling Method: HSA

Drill Bit Size/Type: 4.25 in. ID HSA
Borehole Backfill: Soil Cuttings
Type of sampler: Split Spoon
Hammer weight/drop: 140 lb. / 30 in.

Log of Boring: VPBH-21 ***Project:*** Verma Property ***Project No:*** 25366232.10000

Client: City of La Porte ***Reviewed By:*** Sarah Rubin

Location: La Porte, Indiana ***Surface Elevation (ft):*** NA

Logged By: Rachel Naccarati/Junaluska Williams ***Completion Depth (ft):*** 7

Date Started: 7/12/07 ***Rock Depth (ft):*** Not Encountered

Date Finished: 7/12/07 ***Groundwater Depth (ft):*** 5

Subsurface Profile			Sample Information				
Depth	Graphic Log	Description	Sample Type	Recovery (inches)	Blow Counts	Sample PID (PPM)	Remarks
		Ground Surface					
0		Concrete 12 in.					Begin coring at 945.
1		***Sand (SP)*** Dark brown, dry to moist, sand (SP), little f-m gravel, trace silt	SS	24	7 10 14 27	0	Begin drilling at 1310.
3			SS	13	30 12 12 14	0	Sample VPBH-21 taken at 1315 from 3-5 ft.
5		***Sand and Gravel (SP-GP)*** Dark brown, wet, sand and gravel (SP-GP), trace silt	SS	11	8 4 3 2	0	Complete borehole at 1320.
7		End of Borehole					
8							
9							
10							
11							
12							
13							
14							
15							

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Drilling Company: DLZ
Driller: Kris LaFoy/Jim Torres
Drilling Equipment: Diedrich D-120
Drilling Method: HSA

Drill Bit Size/Type: 4.25 in. ID HSA
Borehole Backfill: Soil Cuttings
Type of sampler: Split Spoon
Hammer weight/drop: 140 lb. / 30 in.

Log of Boring: VPBH-22 ***Project:*** Verma Property ***Project No:*** 25366232.10000

Client: City of La Porte ***Reviewed By:*** Sarah Rubin

Location: La Porte, Indiana ***Surface Elevation (ft):*** NA

Logged By: Rachel Naccarati/Junaluska Williams ***Completion Depth (ft):*** 9

Date Started: 7/11/07 ***Rock Depth (ft):*** Not Encountered

Date Finished: 7/12/07 ***Groundwater Depth (ft):*** 7

Subsurface Profile			Sample Information				
Depth	Graphic Log	Description	Sample Type	Recovery (inches)	Blow Counts	Sample PID (PPM)	Remarks
		Ground Surface					
0		Concrete 12 in.					Begin coring at 1315 on 7/11/07.
1		***Sand (SP)*** Yellowish orange, dry, sand (SP), little fine gravel, little clay, trace silt	SS	13	11 7 2 4	0	Begin drilling at 1015 on 7/11/07.
2							
3		Olive gray to yellowish orange, moist, sand (SP), trace silt	SS	19	3 5 6 7	0	
4							
5			SS	23	5 5 5 4	0	Sample VPBH-22 taken at 1020 from 5-7 ft.
6							
7		***Clayey Sand (SC)*** Light gray to yellowish orange, wet, clayey sand (SC), little f-c gravel, trace silt	SS	24	3 4 5 6	0	Complete borehole at 1025.
8							
9		End of Borehole					
10							
11							
12							
13							
14							
15							

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Drilling Company: DLZ
Driller: Kris LaFoy/Jim Torres
Drilling Equipment: Diedrich D-120
Drilling Method: HSA

Drill Bit Size/Type: 4.25 in. ID HSA
Borehole Backfill: Soil Cuttings
Type of sampler: Split Spoon
Hammer weight/drop: 140 lb. / 30 in.

Log of Boring: VPBH-23 ***Project:*** Verma Property ***Project No:*** 25366232.10000

Client: City of La Porte ***Reviewed By:*** Sarah Rubin

Location: La Porte, Indiana ***Surface Elevation (ft):*** NA

Logged By: Rachel Naccarati/Junaluska Williams ***Completion Depth (ft):*** 20

Date Started: 7/13/07 ***Rock Depth (ft):*** Not Encountered

Date Finished: 7/13/07 ***Groundwater Depth (ft):*** 11

Subsurface Profile			Sample Information				
Depth	Graphic Log	Description	Sample Type	Recovery (inches)	Blow Counts	Sample PID (PPM)	Remarks
		Ground Surface					
0		***Topsoil*** Dark brown, dry, topsoil, organics, little f-c gravel	SS	24	5 7 8 8	0	Begin drilling at 835.
1		***Sand (SP)*** Light brown to yellowish orange, dry, sand (SP), probable fill, trace brick, trace f-m gravel, little clay					
2			SS	19	5 6 6 8	0	
3							
4			SS	18	6 5 5 6	0	
5							
6		Shale-like material 4 in.					
		Clayey Sand (CL-SC) Dark brown, moist, clayey sand (SC), trace organics, trace fine gravel	SS	20	7 3 5 6	0	
7		***Sand (SP)*** Yellowish orange, dry, clayey sand (CL-SC), little f-m gravel, little clay					
8			SS	19	4 3 3 4	0	Samples VPBH-23 and VPBH-23 Dup. taken at 900 from 8-10 ft.
9							
10		***Clayey Sand (SC)*** Brown, moist to wet, sand (SP), little clay, little f-m gravel	SS	14	3 4 4 5	0	Water measured at 11.4 ft per drillers after borehole complete.
11							
12			SS	12	2 6 8 10	0	
13							
14							

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Drilling Company: DLZ
Driller: Kris LaFoy/Jim Torres
Drilling Equipment: Diedrich D-120
Drilling Method: HSA

Drill Bit Size/Type: 4.25 in. ID HSA
Borehole Backfill: Soil Cuttings
Type of sampler: Split Spoon
Hammer weight/drop: 140 lb. / 30 in.

Subsurface Profile			Sample Information				
Depth	Graphic Log	Description	Sample Type	Recovery (inches)	Blow Counts	Sample PID (PPM)	Remarks
15		Grades to sand (SP) at 14 ft	SS	14	6 4 5 7	0	
16		Grades to clayey sand (SC) at 15 ft					
17			SS	19	4 6 6 8	0	
18							
19			SS	19	9 8 9 12	0	Complete borehole at 915.
20		End of Borehole					
21							
22							
23							
24							
25							
26							
27							
28							

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Drilling Company: DLZ
Driller: Kris LaFoy/Jim Torres
Drilling Equipment: Diedrich D-120
Drilling Method: HSA

Drill Bit Size/Type: 4.25 in. ID HSA
Borehole Backfill: Soil Cuttings
Type of sampler: Split Spoon
Hammer weight/drop: 140 lb. / 30 in.

Log of Boring: VPBH-24 ***Project:*** Verma Property ***Project No:*** 25366232.10000

Client: City of La Porte ***Reviewed By:*** Sarah Rubin

Location: La Porte, Indiana ***Surface Elevation (ft):*** NA

Logged By: Rachel Naccarati/Junaluska Williams ***Completion Depth (ft):*** 6

Date Started: 7/17/07 ***Rock Depth (ft):*** Not Encountered

Date Finished: 7/17/07 ***Groundwater Depth (ft):*** 5

Subsurface Profile			Sample Information				
Depth	Graphic Log	Description	Sample Type	Recovery (inches)	Blow Counts	Sample PID (PPM)	Remarks
		Ground Surface					
0		Topsoil 6 in.					
1		***Sand (SP)*** Dark brown to yellowish orange brown, moist, sand (SP), probable fill, trace silt, little f-c gravel, little clay, foundry sand	SS	24	3 4 9 15		Begin drilling at 830.
2							
3			SS	24	15 9 11 11		Sample VPBH-24 taken at 835 from 2-4 ft.
4							
5		Dark brown, wet, sand (SP), probable fill, trace clay, trace organics, trace f-m gravel, foundry sand	SS	14	5 3 4 4		Complete borehole at 840.
6		End of Borehole					PID readings not taken due to PID meter malfunction.
7							
8							
9							
10							
11							
12							
13							
14							
15							

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Drilling Company: DLZ
Driller: Kris LaFoy/Jim Torres
Drilling Equipment: Diedrich D-120
Drilling Method: HSA

Drill Bit Size/Type: 4.25 in. ID HSA
Borehole Backfill: Soil Cuttings
Type of sampler: Split Spoon
Hammer weight/drop: 140 lb. / 30 in.

Log of Boring: VPBH-25 ***Project:*** Verma Property
Client: City of La Porte
Location: La Porte, Indiana
Logged By: Rachel Naccarati/Junaluska Williams
Date Started: 7/17/07
Date Finished: 7/17/07

Project No: 25366232.10000
Reviewed By: Sarah Rubin
Surface Elevation (ft): NA
Completion Depth (ft): 6
Rock Depth (ft): Not Encountered
Groundwater Depth (ft): 5

Subsurface Profile			Sample Information				
Depth	Graphic Log	Description	Sample Type	Recovery (inches)	Blow Counts	Sample PID (PPM)	Remarks
0		Ground Surface					
0		Topsoil 6 in.	SS	21	2 16 11 6		Begin drilling at 850.
1		***Sand (SP)*** Black to reddish brown, dry, sand (SP), trace silt, trace f-m gravel, trace clay, foundry sand					
2			SS	12	2 4 6 11		Sample VPBH-25 taken at 855 from 2-4 ft.
3							
4			SS	18	9 4 5 5		
5		Black, wet, sand (SP), trace clay, trace roots, trace coarse gravel, foundry sand					Complete borehole at 900.
6		End of Borehole					PID readings not taken due to PID meter malfunction.
7							
8							
9							
10							
11							
12							
13							
14							
15							

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Drilling Company: DLZ
Driller: Kris LaFoy/Jim Torres
Drilling Equipment: Diedrich D-120
Drilling Method: HSA

Drill Bit Size/Type: 4.25 in. ID HSA
Borehole Backfill: Soil Cuttings
Type of sampler: Split Spoon
Hammer weight/drop: 140 lb. / 30 in.

Log of Boring: VPBH-26 ***Project:*** Verma Property ***Project No:*** 25366232.10000

Client: City of La Porte ***Reviewed By:*** Sarah Rubin

Location: La Porte, Indiana ***Surface Elevation (ft):*** NA

Logged By: Rachel Naccarati/Junaluska Williams ***Completion Depth (ft):*** 20

Date Started: 7/17/07 ***Rock Depth (ft):*** Not Encountered

Date Finished: 7/17/07 ***Groundwater Depth (ft):*** 4

Subsurface Profile			Sample Information				
Depth	Graphic Log	Description	Sample Type	Recovery (inches)	Blow Counts	Sample PID (PPM)	Remarks
		Ground Surface					
0		Topsoil 6 in.					
1		***Sand (SP)*** Reddish brown, dry, sand (SP), probable fill, foundry sand	SS	14	5 9 12 10		Begin drilling at 920.
2		4 in. piece of wood waste					
3			SS	12	11 7 7 50/2 in.		Sample VPBH-26 taken at 925 from 2-4 ft.
4		No recovery					
5			SS	NR	NA		Blind drill through concrete and steel from 4-8 ft.
6							
7			SS	NR	NA		
8		***Clayey Sand (SC)*** Light gray, wet, clayey sand (SC), probable fill, concrete, pieces of steel					
9			SS	4	5 4 12 4		
10		***Silty Clay (CH)*** Olive gray, wet, plastic silty clay (CH), trace fine gravel, little organics					
11			SS	5	2 1 1 1		
12		No recovery					
13			SS	NR	1 2 2 3		
14							

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Suite 500
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Drilling Company: DLZ
Driller: Kris LaFoy/Jim Torres
Drilling Equipment: Diedrich D-120
Drilling Method: HSA

Drill Bit Size/Type: 4.25 in. ID HSA
Borehole Backfill: Soil Cuttings
Type of sampler: Split Spoon
Hammer weight/drop: 140 lb. / 30 in.

Subsurface Profile			Sample Information				Remarks
Depth	Graphic Log	Description	Sample Type	Recovery (inches)	Blow Counts	Sample PID (PPM)	
15		***Silty Clay (CL)*** Dark brown, wet, silty clay (CL), trace organics, little fine sand	SS	12	2 3 3 3		
16		***Clayey Sand (SC)*** Grayish brown, wet, clayey sand (SC), trace organics, trace fine gravel					
17			SS	14	1 1 1/12 in.		
18							
19			SS	12	1 1 1 2		Complete borehole at 1015.
20		End of Borehole					PID readings not taken due to PID meter malfunction.
21							
22							
23							
24							
25							
26							
27							
28							

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Suite 500
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Drilling Company: DLZ
Driller: Kris LaFoy/Jim Torres
Drilling Equipment: Diedrich D-120
Drilling Method: HSA

Drill Bit Size/Type: 4.25 in. ID HSA
Borehole Backfill: Soil Cuttings
Type of sampler: Split Spoon
Hammer weight/drop: 140 lb. / 30 in.

Log of Boring: VPBH-27 ***Project:*** Verma Property ***Project No:*** 25366232.10000

Client: City of La Porte ***Reviewed By:*** Sarah Rubin

Location: La Porte, Indiana ***Surface Elevation (ft):*** NA

Logged By: Rachel Naccarati/Junaluska Williams ***Completion Depth (ft):*** 20

Date Started: 7/17/07 ***Rock Depth (ft):*** Not Encountered

Date Finished: 7/17/07 ***Groundwater Depth (ft):*** 6

Subsurface Profile			Sample Information				
Depth	Graphic Log	Description	Sample Type	Recovery (inches)	Blow Counts	Sample PID (PPM)	Remarks
		Ground Surface					
0		***Sand (SP)*** Yellowish orange to brown, moist, sand (SP), trace clay, trace fine gravel, trace silt	SS	24	2 3 1 2		Begin drilling at 1125.
2							
3			SS	24	1 3 4 5		
4							
5		Grades to light gray	SS	18	2 5 5 5		Sample VPBH-27 & MS/MSD taken at 1135 from 4-6 ft.
6		Light gray with a yellowish orange seam, wet, sand (SP)					
7			SS	24	3 4 4 5		
8		***Clayey Sand (SC)*** Light gray to yellowish orange brown, wet, clayey sand (SC), trace f-c gravel, trace silt					
9			SS	21	4 3 3 5		
10		***Sand (SP)*** Yellowish orange to brown, wet, sand (SP)					
11			SS	19	4 4 4 4		
12							
13			SS	24	5 6 7 8		
14							

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Drilling Company: DLZ
Driller: Kris LaFoy/Jim Torres
Drilling Equipment: Diedrich D-120
Drilling Method: HSA

Drill Bit Size/Type: 4.25 in. ID HSA
Borehole Backfill: Soil Cuttings
Type of sampler: Split Spoon
Hammer weight/drop: 140 lb. / 30 in.

Subsurface Profile			Sample Information				Remarks
Depth	Graphic Log	Description	Sample Type	Recovery (inches)	Blow Counts	Sample PID (PPM)	
15		***Silty Clay (CL)*** Dark brown, moist, silty clay (CL), trace sand	SS	24	6 7 9 11		
16							
17			SS	24	6 6 6 6		
18		***Sand (SP)*** Dark brown, wet, sand (SP), little f-m gravel					
19			SS	24	5 5 5 7		Complete borehole at 1155.
20		End of Borehole					PID readings not taken due to PID meter malfunction.
21							
22							
23							
24							
25							
26							
27							
28							

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Drilling Company: DLZ
Driller: Kris LaFoy/Jim Torres
Drilling Equipment: Diedrich D-120
Drilling Method: HSA

Drill Bit Size/Type: 4.25 in. ID HSA
Borehole Backfill: Soil Cuttings
Type of sampler: Split Spoon
Hammer weight/drop: 140 lb. / 30 in.

Log of Boring: VPBH-28 ***Project:*** Verma Property ***Project No:*** 25366232.10000

Client: City of La Porte ***Reviewed By:*** Sarah Rubin

Location: La Porte, Indiana ***Surface Elevation (ft):*** NA

Logged By: Rachel Naccarati/Junaluska Williams ***Completion Depth (ft):*** 10

Date Started: 7/17/07 ***Rock Depth (ft):*** Not Encountered

Date Finished: 7/17/07 ***Groundwater Depth (ft):*** 8

Subsurface Profile			Sample Information				
Depth	Graphic Log	Description	Sample Type	Recovery (inches)	Blow Counts	Sample PID (PPM)	Remarks
		Ground Surface					
0		***Sand (SP)*** Light brown, moist, sand (SP), probable fill, trace clay, little f-c gravel, trace silt, trace brick remnants	SS	24	2 3 5 7		Begin drilling at 1215.
2			SS	20	2 4 5 6		
4			SS	20	4 4 5 7		
6		***Clayey Sand (SC)*** Light brown, moist, clayey sand (SC), little f-c gravel	SS	21	5 4 6 6		Sample VPBH-28 taken at 1225 from 6-8 ft.
8		Light brown, wet, clayey sand (SC), little f-c gravel	SS	21	6 3 3 4		
9		Shale-like material 6 in.					
10		Light brown, wet, clayey sand (SC), little f-c gravel					Complete borehole at 1230.
		End of Borehole					PID readings not taken due to PID meter malfunction.
11							
12							
13							
14							
15							

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Drilling Company: DLZ
Driller: Kris LaFoy/Jim Torres
Drilling Equipment: Diedrich D-120
Drilling Method: HSA

Drill Bit Size/Type: 4.25 in. ID HSA
Borehole Backfill: Soil Cuttings
Type of sampler: Split Spoon
Hammer weight/drop: 140 lb. / 30 in.

Log of Boring: VPBH-29 ***Project:*** Verma Property ***Project No:*** 25366232.10000

Client: City of La Porte ***Reviewed By:*** Sarah Rubin

Location: La Porte, Indiana ***Surface Elevation (ft):*** NA

Logged By: Rachel Naccarati/Junaluska Williams ***Completion Depth (ft):*** 8

Date Started: 7/17/07 ***Rock Depth (ft):*** Not Encountered

Date Finished: 7/17/07 ***Groundwater Depth (ft):*** 6.5

Subsurface Profile			Sample Information				
Depth	Graphic Log	Description	Sample Type	Recovery (inches)	Blow Counts	Sample PID (PPM)	Remarks
		Ground Surface					
0		***Sand (SP)*** Yellowish orange to brown, moist, sand (SP), trace clay, little f-c gravel	SS	17	4 5 5 3		Begin drilling at 1300.
2		***Clayey Sand (SC)*** Light gray to dark gray, moist, clayey sand (SC), trace f-m gravel, trace silt	SS	21	5 8 6 7		Slight odor from 2-3 ft. Sample VPBH-29 taken at 1305 from 2-4 ft.
4		***Sand (SP)*** Light gray, moist, sand (SP), trace fine gravel Dark clay seam from 5.5-6 ft	SS	22	5 4 3 6		Sample VPBH-29A taken at 1310 from 4-6 ft.
6		Light gray, wet, sand (SP), trace fine gravel	SS	24	4 5 7 6		Complete borehole at 1315.
8		End of Borehole					PID readings not taken due to PID meter malfunction.
9							
10							
11							
12							
13							
14							
15							

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Suite 500
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Drilling Company: DLZ
Driller: Kris LaFoy/Jim Torres
Drilling Equipment: Diedrich D-120
Drilling Method: HSA

Drill Bit Size/Type: 4.25 in. ID HSA
Borehole Backfill: Soil Cuttings
Type of sampler: Split Spoon
Hammer weight/drop: 140 lb. / 30 in.

Log of Boring: VPBH-H2 ***Project:*** Verma Property

Client: City of La Porte

Location: La Porte, Indiana

Logged By: Rachel Naccarati/Junaluska Williams

Date Started: 7/13/07

Date Finished: 7/16/07

Project No: 25366232.10000

Reviewed By: Sarah Rubin

Surface Elevation (ft): NA

Completion Depth (ft): 7

Rock Depth (ft): Not Encountered

Groundwater Depth (ft): 6.5

Subsurface Profile			Sample Information				
Depth	Graphic Log	Description	Sample Type	Recovery (inches)	Blow Counts	Sample PID (PPM)	Remarks
0		Ground Surface					
0		Concrete 12 in.					Begin coring at 1240 on 7/13/07.
1		***Sand (SP)*** Yellowish orange to dark brown, dry, sand (SP), probable fill, trace silt, little f-c gravel	SS	14	8 9 12 24	0	Begin drilling at 930 on 7/16/07.
2							
3			SS	15	9 11 9 9	0	
4							
5		Dark brown, moist to wet, sand (SP), probable fill, little f-c gravel, trace silt, little slag					Sample VPBH-H2 taken at 940 from 5-6 ft.
6			SS	24	8 6 3 3	0	Complete borehole at 940.
7		End of Borehole					
8							
9							
10							
11							
12							
13							
14							
15							

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Drilling Company: DLZ
Driller: Kris LaFoy/Jim Torres
Drilling Equipment: Diedrich D-120
Drilling Method: HSA

Drill Bit Size/Type: 4.25 in. ID HSA
Borehole Backfill: Soil Cuttings
Type of sampler: Split Spoon
Hammer weight/drop: 140 lb. / 30 in.

Log of Boring: VPBH-H2A ***Project:*** Verma Property
Client: City of La Porte
Location: La Porte, Indiana
Logged By: Rachel Naccarati/Junaluska Williams
Date Started: 7/13/07
Date Finished: 7/16/07

Project No: 25366232.10000
Reviewed By: Sarah Rubin
Surface Elevation (ft): NA
Completion Depth (ft): 9
Rock Depth (ft): Not Encountered
Groundwater Depth (ft): 6.5

Subsurface Profile			Sample Information				
Depth	Graphic Log	Description	Sample Type	Recovery (inches)	Blow Counts	Sample PID (PPM)	Remarks
0		Ground Surface					
0		Concrete 12 in.					Begin coring at 1310 on 7/13/07.
1		***Sand (SP)*** Dark brown, dry, sand (SP), probable fill, little slag, trace silt, trace f-c gravel	SS	23	4 9 9 40	0	Begin drilling at 910 on 7/16/07.
3			SS	9	8 7 7 9	0	Sample VPBH-H2A taken at 915 from 3-5 ft.
5			SS	2	9 7 7 5	0	Large piece of slag in auger, low recovery. Sample from above.
7		Dark brown, wet, sand (SP), probable fill, trace f-m gravel, trace silt	SS	20	6 3 3 6	0	Complete borehole at 925.
9		End of Borehole					
10							
11							
12							
13							
14							
15							

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Drilling Company: DLZ
Driller: Kris LaFoy/Jim Torres
Drilling Equipment: Diedrich D-120
Drilling Method: HSA

Drill Bit Size/Type: 4.25 in. ID HSA
Borehole Backfill: Soil Cuttings
Type of sampler: Split Spoon
Hammer weight/drop: 140 lb. / 30 in.

Log of Boring: VPBH-H3 ***Project:*** Verma Property
Client: City of La Porte
Location: La Porte, Indiana
Logged By: Rachel Naccarati/Junaluska Williams
Date Started: 7/13/07
Date Finished: 7/16/07

Project No: 25366232.10000
Reviewed By: Sarah Rubin
Surface Elevation (ft): NA
Completion Depth (ft): 7
Rock Depth (ft): Not Encountered
Groundwater Depth (ft): 6.5

Subsurface Profile			Sample Information				
Depth	Graphic Log	Description	Sample Type	Recovery (inches)	Blow Counts	Sample PID (PPM)	Remarks
		Ground Surface					
0		Concrete 12 in.					Begin coring at 1220 on 7/13/07.
1		***Sand (SP)*** Yellowish orange to dark brown, dry, sand (SP), probable fill, trace silt, trace f-m gravel	SS	16	8 7 15 15	0	Begin drilling at 850 on 7/16/07.
2							
3			SS	20	10 13 16 17	0	
4							
5		Dark brown, moist to wet, sand (SP)	SS	24	10 4 3 4	0	Samples VPBH-H3 & VPBH-H3 Dup. taken at 900 from 5-6 ft.
6							
7		End of Borehole					Complete borehole at 900.
8							
9							
10							
11							
12							
13							
14							
15							

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Drilling Company: DLZ
Driller: Kris LaFoy/Jim Torres
Drilling Equipment: Diedrich D-120
Drilling Method: HSA

Drill Bit Size/Type: 4.25 in. ID HSA
Borehole Backfill: Soil Cuttings
Type of sampler: Split Spoon
Hammer weight/drop: 140 lb. / 30 in.

Log of Boring: VPBH-Steel ***Project:*** Verma Property
Client: City of La Porte
Location: La Porte, Indiana
Logged By: Rachel Naccarati/Junaluska Williams
Date Started: 7/13/07
Date Finished: 7/16/07

Project No: 25366232.10000
Reviewed By: Sarah Rubin
Surface Elevation (ft): NA
Completion Depth (ft): 9
Rock Depth (ft): Not Encountered
Groundwater Depth (ft): 7

Subsurface Profile			Sample Information				
Depth	Graphic Log	Description	Sample Type	Recovery (inches)	Blow Counts	Sample PID (PPM)	Remarks
		Ground Surface					
0		Concrete 12 in.					Begin coring at 1330 on 7/13/07.
1		***Sand (SP)*** Brown to dark brown, dry, sand (SP), probable fill, trace silt, trace f-c gravel, little slag	SS	17	5 12 8 12	0	Begin drilling at 1000 on 7/16/07.
2							
3			SS	14	9 5 12 13	0	
4							
5			SS	10	12 8 5 10	0	Sample VPBH-Steel taken at 1010 from 5-7 ft.
6							
7		***Sand and Gravel (SW-GW)*** Dark brown, wet, sand and gravel (SW-GW), trace silt	SS	9	13 8 5 5	0	Complete borehole at 1015.
8							
9		End of Borehole					
10							
11							
12							
13							
14							
15							

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Drilling Company: DLZ
Driller: Kris LaFoy/Jim Torres
Drilling Equipment: Diedrich D-120
Drilling Method: HSA

Drill Bit Size/Type: 4.25 in. ID HSA
Borehole Backfill: Soil Cuttings
Type of sampler: Split Spoon
Hammer weight/drop: 140 lb. / 30 in.

Log of Boring: VPBH-V3 ***Project:*** Verma Property ***Project No:*** 25366232.10000

Client: City of La Porte ***Reviewed By:*** Sarah Rubin

Location: La Porte, Indiana ***Surface Elevation (ft):*** NA

Logged By: Rachel Naccarati/Junaluska Williams ***Completion Depth (ft):*** 9

Date Started: 7/13/07 ***Rock Depth (ft):*** Not Encountered

Date Finished: 7/16/07 ***Groundwater Depth (ft):*** 7

Subsurface Profile			Sample Information				
Depth	Graphic Log	Description	Sample Type	Recovery (inches)	Blow Counts	Sample PID (PPM)	Remarks
		Ground Surface					
0		Concrete 12 in.					Begin coring at 1115 on 7/13/07.
1		***Sand (SP)*** Yellowish orange to dark brown, dry, sand (SP), probable fill, trace silt, trace f-m gravel, little slag	SS	19	5 8 12 13	0	Begin drilling at 820 on 7/16/07.
2							
3			SS	21	12 19 22 18	0	
4							
5		Slag 6 in.					
6		***Sand (SW)*** Dark brown, moist, sand (SW), probable fill, with slag	SS	8	5 4 4 6	0	Sample VPBH-V3 taken at 830 from 5-7 ft.
7		Olive gray to dark gray, wet, sand (SW), with slag, trace f-c gravel, trace silt	SS	24	10 5 4 4	0	
8							Complete borehole at 835.
9		End of Borehole					
10							
11							
12							
13							
14							
15							

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Drilling Company: DLZ
Driller: Kris LaFoy/Jim Torres
Drilling Equipment: Diedrich D-120
Drilling Method: HSA

Drill Bit Size/Type: 4.25 in. ID HSA
Borehole Backfill: Soil Cuttings
Type of sampler: Split Spoon
Hammer weight/drop: 140 lb. / 30 in.

Table 4-2A
Soil Analytical Data For VOCs Compared with Industrial Closure Levels
LaPorte Center Brownfield Redevelopment Project
La Porte, Indiana

	Closure Levels - Industrial				Verma Property						
Analyte	Construction	Direct	Migration to GW	DCLs	VPBH03-01	VPBH03-02	VPBH04-01	VPBH04-02	VPBH05-01	VPBH05-02	VPBH06-01
Sample Depth in Feet					2 - 4	4 - 6	2 - 4	6 - 8	0 - 2	4 - 6	2 - 4
1,1,1,2-Tetrachloroethan	7100	63	0.79	0.79	0.0048 UJ	0.0051 UJ	0.0048 U	0.0055 U	0.0057 U	0.0061 UJ	0.092 U
1,1,1-Trichloroethane	11000	2700	35	35	0.0048 U	0.0051 UJ	0.0048 U	0.0055 U	0.0057 U	0.0061 U	0.092 U
1,1,2,2-Tetrachloroethan	960	8.7	0.11	0.11	0.0048 U	0.0051 UJ	0.0048 U	0.0055 U	0.0057 UJ	0 R	0.092 U
1,1,2-Trichloroethane	600	15	0.3	0.3	0.0048 UJ	0.0051 UJ	0.0048 U	0.0055 U	0.0057 U	0.0061 UJ	0.092 U
1,1-Dichloroethane	8600	1700	58	58	0.0048 U	0.0051 UJ	0.0048 U	0.0055 U	0.0035 J	0.0061 U	0.092 U
1,1-Dichloroethene	140	1.1	0.058	0.058	0.0048 U	0.0051 UJ	0.0048 U	0.0055 U	0.02	0.0061 U	0.092 U
1,2-Dichloroethane	150	5.8	0.15	0.15	0.0048 UJ	0.0051 UJ	0.0048 U	0.0055 U	0.0057 U	0.0061 UJ	0.092 U
1,2-Dichloropropane	100	7.2	0.25	0.25	0.0048 UJ	0.0051 UJ	0.0048 U	0.0055 U	0.0057 U	0.0061 UJ	0.092 U
2-Butanone (MEK)	130000	28000	260	260	0.0048 U	0.0051 UJ	0.0077	0.0098	0.017	0.011	0.092 UJ
4-Methyl-2-pentanone (MI	7200	1400	39	39	0.0048 UJ	0.0051 UJ	0.0048 U	0.0055 U	0.0057 U	0.0061 UJ	0.092 U
Acetone	25000	5600	41	41	0.021 J	0.048 J	0.051 J	0.027 J	0.14 J	0.061 J	0.29
Acrolein	1.2	0.22	8.3	0.22	0 R	0 R	0 R	0 R	0 R	0 R	0 R
Benzene	120	13	0.67	0.67	0.0048 UJ	0.0051 UJ	0.0048 U	0.0055 U	0.0053 J	0.018 J	0.092 U
Bromodichloromethane	2100	17	0.63	0.63	0.0048 UJ	0.0051 UJ	0.0048 U	0.0055 U	0.0057 U	0.0061 UJ	0.092 U
Bromoform	7700	580	2.7	2.7	0.0048 UJ	0.0051 UJ	0.0048 U	0.0055 U	0.0057 U	0.0061 UJ	0.092 U
Bromomethane	69	13	0.7	0.7	0.0048 U	0.0051 UJ	0.0048 U	0.0055 U	0.0057 U	0.0061 U	0.092 U
Carbon disulfide	6200	1200	82	82	0.0048 U	0.0051 UJ	0.0048 U	0.0055 U	0.0057 U	0.0083	0.092 U
Carbon tetrachloride	31	5.2	0.29	0.29	0.0048 UJ	0.0051 UJ	0.0048 U	0.0055 U	0.0057 U	0.0061 UJ	0.092 U
Chlorobenzene	2600	510	27	27	0.0048 UJ	0.0051 UJ	0.0048 U	0.0055 U	0.0057 U	0.0061 UJ	0.092 U
Chloroethane	9600	71	5.2	5.2	0.0048 U	0.0051 UJ	0.0048 U	0.0055 U	0.0057 U	0.0061 U	0.092 U
Chloroform	6.4	1.2	2.7	1.2	0.0048 U	0.0051 UJ	0.0048 U	0.0055 U	0.0057 U	0.0061 U	0.092 U
cis-1,2-Dichloroethene	750	140	5.8	5.8	0.0048 U	0.0051 UJ	0.0048 U	0.0055 U	0.0057 U	0.0061 U	0.092 U
cis-1,3-Dichloropropene	290	16	0.2	0.2	0.0048 UJ	0.0051 UJ	0.0048 U	0.0055 U	0.0057 U	0.0061 UJ	0.092 U
Ethylbenzene	29000	6800	200	200	0.0048 UJ	0.0051 UJ	0.0048 U	0.0055 U	0.0057 U	0.0061 UJ	0.18
Methylene chloride	22000	200	1.8	1.8	0.0048 U	0.0051 UJ	0.0048 U	0.0033 J	0.0057 U	0.0061 U	0.092 U
Methyl-tert-butyl-ether	38000	330	5.6	5.6	0.0048 U	0.0051 UJ	0.0048 U	0.0055 U	0.0057 U	0.0061 U	0.092 U
n-Butyl alcohol (1-Butan	NE	NE	NE	NE	0 R	0 R	0 R	0 R	0 R	0 R	0 R
Styrene	68000	16000	720	720	0.0048 UJ	0.0051 UJ	0.0048 U	0.0055 U	0.0057 U	0.0061 UJ	0.092 U
Tetrachloroethene	4200	110	0.64	0.64	0.0048 UJ	0.0051 UJ	0.0048 U	0.0055 U	0.0057 U	0.0061 UJ	0.092 U
Toluene	11000	2200	240	240	0.0048 UJ	0.0051 J	0.0048 U	0.0055 U	0.0057 U	0.0037 J	0.092 U
trans-1,2-Dichloroethene	1200	230	14	14	0.0048 U	0.0051 UJ	0.0048 U	0.0055 U	0.0057 U	0.0061 U	0.092 U
trans-1,3-Dichloropropen	290	16	0.2	0.2	0.0048 UJ	0.0051 UJ	0.0048 U	0.0055 U	0.0057 U	0.0061 UJ	0.092 U
Trichloroethene	500	72	3	3	0.0048 UJ	0.0051 UJ	0.0048 U	0.0055 U	0.0057 U	0.0061 UJ	0.092 U
Vinyl acetate	7600	1400	430	430	0.0048 U	0.0051 UJ	0.0048 UJ	0.0055 UJ	0.0057 UJ	0 R	0.092 U
Vinyl chloride	56	0.46	0.013	0.013	0.0048 U	0.0051 UJ	0.0048 U	0.0055 U	0.0057 U	0.0061 U	0.092 U
Xylenes (total)	34000	6200	3400	410	0.0048 UJ	0.0051 UJ	0.0048 U	0.0055 U	0.0057 U	0.023 J	0.077 J

Table 4-2A
Soil Analytical Data For VOCs Compared with Industrial Closure Levels
LaPorte Center Brownfield Redevelopment Project
La Porte, Indiana

	Closure Levels - Industrial				Verma Property								
Analyte	Construction	Direct	Migration to GW	DCLs	VPBH06-02	VPBH07-01	VPBH07-02	VPBH08-01	VPBH08-02	VPMW1-01	VPMW1-02	VPMW2-01	VPMW2-02
Sample Depth in Feet					4 - 6	2 - 4	4 - 6	0 - 2	4 - 6	0 - 2	4 - 6	0 - 2	4 - 6
1,1,1,2-Tetrachloroethan	7100	63	0.79	0.79	0.0045 U	0.0048 U	0.0046 U	0.0046 U	0.0048 U	0 R	0.0046 U	0 R	0.092 U
1,1,1-Trichloroethane	11000	2700	35	35	0.0045 U	0.0048 U	0.0046 U	0.0046 U	0.0048 U	0.0067 UJ	0.0046 U	0.0052 UJ	0.092 U
1,1,2,2-Tetrachloroethan	960	8.7	0.11	0.11	0.0045 UJ	0.0048 U	0.0046 UJ	0.0046 UJ	0.0048 U	0 R	0.0046 U	0 R	0.092 U
1,1,2-Trichloroethane	600	15	0.3	0.3	0.0045 U	0.0048 U	0.0046 U	0.0046 U	0.0048 U	0.0067 UJ	0.0046 U	0.0052 UJ	0.092 U
1,1-Dichloroethane	8600	1700	58	58	0.0045 U	0.0048 U	0.0046 U	0.0046 U	0.0048 U	0.0067 UJ	0.0046 U	0.0052 UJ	0.092 U
1,1-Dichloroethene	140	1.1	0.058	0.058	0.0045 U	0.0048 U	0.0046 U	0.0046 U	0.0048 U	0.0067 UJ	0.0046 U	0.0052 UJ	**0.092 U**
1,2-Dichloroethane	150	5.8	0.15	0.15	0.0045 U	0.0048 U	0.0046 U	0.0046 U	0.0048 U	0.0067 UJ	0.0046 U	0.0052 UJ	0.092 U
1,2-Dichloropropane	100	7.2	0.25	0.25	0.0045 U	0.0048 U	0.0046 U	0.0046 U	0.0048 U	0.0067 UJ	0.0046 U	0.0052 UJ	0.092 U
2-Butanone (MEK)	130000	28000	260	260	0.0045 U	0.0068 J	0.0046 U	0.0046 UJ	0.0062	0.014 J	0.0084	0.012 J	0.092 U
4-Methyl-2-pentanone (MI	7200	1400	39	39	0.0045 U	0.0048 UJ	0.0046 U	0.0046 UJ	0.0048 U	0.0067 UJ	0.0046 U	0.0052 UJ	0.092 U
Acetone	25000	5600	41	41	0.018 J	0.079 J	0.0067 J	0.039 J	0.022 J	0.1 J	0.052	0.043 J	0.19
Acrolein	1.2	0.22	8.3	0.22	0 R	0 R	0 R	0 R	0 R	**0.27 UJ**	0.18 U	0.21 UJ	**3.7 U**
Benzene	120	13	0.67	0.67	0.0045 U	0.0048 U	0.0046 U	0.0048	0.0048 U	0.0067 UJ	0.0046 U	0.0052 UJ	0.092 U
Bromodichloromethane	2100	17	0.63	0.63	0.0045 U	0.0048 U	0.0046 U	0.0046 U	0.0048 U	0.0067 UJ	0.0046 U	0.0052 UJ	0.092 U
Bromoform	7700	580	2.7	2.7	0.0045 U	0.0048 U	0.0046 U	0.0046 U	0.0048 U	0 R	0.0046 U	0 R	0.092 U
Bromomethane	69	13	0.7	0.7	0.0045 U	0.0048 U	0.0046 U	0.0046 U	0.0048 U	0.0067 UJ	0.0046 U	0.0052 UJ	0.092 U
Carbon disulfide	6200	1200	82	82	0.0045 U	0.0048 U	0.0046 U	0.0046 U	0.0048 U	0.0067 UJ	0.0046 U	0.0052 UJ	0.092 U
Carbon tetrachloride	31	5.2	0.29	0.29	0.0045 U	0.0048 U	0.0046 U	0.0046 U	0.0048 U	0.0067 UJ	0.0046 U	0.0052 UJ	0.092 U
Chlorobenzene	2600	510	27	27	0.0045 U	0.0048 U	0.0046 U	0.0046 U	0.0048 U	0 R	0.0046 U	0 R	0.092 U
Chloroethane	9600	71	5.2	5.2	0.0045 U	0.0048 U	0.0046 U	0.0046 U	0.0048 U	0.0067 UJ	0.0046 U	0.0052 UJ	0.092 U
Chloroform	6.4	1.2	2.7	1.2	0.0045 U	0.0048 U	0.0046 U	0.0046 U	0.0048 U	0.0067 UJ	0.0046 U	0.0052 UJ	0.092 U
cis-1,2-Dichloroethene	750	140	5.8	5.8	0.0045 U	0.0048 U	0.0046 U	0.0046 U	0.0048 U	0.0067 UJ	0.0046 U	0.0052 UJ	0.092 U
cis-1,3-Dichloropropene	290	16	0.2	0.2	0.0045 U	0.0048 U	0.0046 U	0.0046 U	0.0048 U	0.0067 UJ	0.0046 U	0.0052 UJ	0.092 U
Ethylbenzene	29000	6800	200	200	0.0045 U	0.0048 U	0.0046 U	0.0046 U	0.0048 U	0 R	0.0046 U	0 R	0.092 U
Methylene chloride	22000	200	1.8	1.8	0.0045 U	0.0048 U	0.0046 U	0.0046 U	0.0048 U	0.0067 UJ	0.0046 U	0.0052 UJ	0.3 U
Methyl-tert-butyl-ether	38000	330	5.6	5.6	0.0045 U	0.0048 U	0.0046 U	0.0046 U	0.0048 U	0.0067 UJ	0.0046 U	0.0052 UJ	0.092 U
n-Butyl alcohol (1-Butan	NE	NE	NE	NE	0 R	0 R	0 R	0 R	0 R	0.53 UJ	0.37 U	0.41 UJ	7.3 U
Styrene	68000	16000	720	720	0.0045 U	0.0048 U	0.0046 U	0.0046 U	0.0048 U	0 R	0.0046 U	0 R	0.092 U
Tetrachloroethene	4200	110	0.64	0.64	0.0045 U	0.0048 U	0.0046 U	0.0046 U	0.0048 U	0 R	0.0046 U	0 R	0.092 U
Toluene	11000	2200	240	240	0.0045 U	0.0048 U	0.0046 U	0.0046 U	0.0048 U	0.0067 UJ	0.0046 U	0.0052 UJ	0.092 U
trans-1,2-Dichloroethene	1200	230	14	14	0.0045 U	0.0048 U	0.0046 U	0.0046 U	0.0048 U	0.0067 UJ	0.0046 U	0.0052 UJ	0.092 U
trans-1,3-Dichloropropen	290	16	0.2	0.2	0.0045 U	0.0048 U	0.0046 U	0.0046 U	0.0048 U	0.0067 UJ	0.0046 U	0.0052 UJ	0.092 U
Trichloroethene	500	72	3	3	0.0045 U	0.0048 U	0.0046 U	0.0046 U	0.0048 U	0.0067 UJ	0.0046 U	0.0052 UJ	0.092 U
Vinyl acetate	7600	1400	430	430	0.0045 UJ	0.0048 UJ	0.0046 UJ	0.0046 U	0.0048 UJ	0.0067 UJ	0.0046 U	0.0052 UJ	0.092 U
Vinyl chloride	56	0.46	0.013	0.013	0.0045 U	0.0048 U	0.0046 U	0.0046 U	0.0048 U	0.0067 UJ	0.0046 U	0.0052 UJ	**0.092 U**
Xylenes (total)	34000	6200	3400	410	0.0045 U	0.0048 U	0.0046 U	0.0046 U	0.0048 U	0 R	0.0046 U	0 R	0.092 U

Table 4-2A
Soil Analytical Data For VOCs Compared with Industrial Closure Levels
LaPorte Center Brownfield Redevelopment Project
La Porte, Indiana

	Closure Levels - Industrial				Verma Property	
Analyte	Construction	Direct	Migration to GW	DCLs	VPMW3-01	VPMW3-02
Sample Depth in Feet					2 - 4	4 - 6
1,1,1,2-Tetrachloroethan	7100	63	0.79	0.79	0.19 U	0.098 U
1,1,1-Trichloroethane	11000	2700	35	35	0.19 U	0.098 U
1,1,2,2-Tetrachloroethan	960	8.7	0.11	0.11	**0.19 U**	0.098 U
1,1,2-Trichloroethane	600	15	0.3	0.3	0.19 U	0.098 U
1,1-Dichloroethane	8600	1700	58	58	0.19 U	0.098 U
1,1-Dichloroethene	140	1.1	0.058	0.058	**0.19 U**	**0.098 U**
1,2-Dichloroethane	150	5.8	0.15	0.15	**0.19 U**	0.098 U
1,2-Dichloropropane	100	7.2	0.25	0.25	0.19 U	0.098 U
2-Butanone (MEK)	130000	28000	260	260	0.19 U	0.098 U
4-Methyl-2-pentanone (MI	7200	1400	39	39	0.19 U	0.098 U
Acetone	25000	5600	41	41	0.19 U	0.13
Acrolein	1.2	0.22	8.3	0.22	**7.6 U**	**3.9 U**
Benzene	120	13	0.67	0.67	0.19 U	0.098 U
Bromodichloromethane	2100	17	0.63	0.63	0.19 U	0.098 U
Bromoform	7700	580	2.7	2.7	0.19 U	0.098 U
Bromomethane	69	13	0.7	0.7	0.19 U	0.098 U
Carbon disulfide	6200	1200	82	82	0.19 U	0.098 U
Carbon tetrachloride	31	5.2	0.29	0.29	0.19 U	0.098 U
Chlorobenzene	2600	510	27	27	0.19 U	0.098 U
Chloroethane	9600	71	5.2	5.2	0.19 U	0.098 U
Chloroform	6.4	1.2	2.7	1.2	0.19 U	0.098 U
cis-1,2-Dichloroethene	750	140	5.8	5.8	0.19 U	0.098 U
cis-1,3-Dichloropropene	290	16	0.2	0.2	0.19 U	0.098 U
Ethylbenzene	29000	6800	200	200	0.19 U	0.098 U
Methylene chloride	22000	200	1.8	1.8	0.38 U	0.23 U
Methyl-tert-butyl-ether	38000	330	5.6	5.6	0.19 U	0.098 U
n-Butyl alcohol (1-Butan	NE	NE	NE	NE	15 U	7.8 U
Styrene	68000	16000	720	720	0.19 U	0.098 U
Tetrachloroethene	4200	110	0.64	0.64	0.19 U	0.098 U
Toluene	11000	2200	240	240	0.19 U	0.098 U
trans-1,2-Dichloroethene	1200	230	14	14	0.19 U	0.098 U
trans-1,3-Dichloropropen	290	16	0.2	0.2	0.19 U	0.098 U
Trichloroethene	500	72	3	3	0.19 U	0.098 U
Vinyl acetate	7600	1400	430	430	0.19 U	0.098 U
Vinyl chloride	56	0.46	0.013	0.013	**0.19 U**	**0.098 U**
Xylenes (total)	34000	6200	3400	410	0.19 U	0.098 U

Table 4-2A
Soil Analytical Data For VOCs Compared with Industrial Closure Levels
LaPorte Center Brownfield Redevelopment Project
La Porte, Indiana

	Closure Levels - Industrial				Verma Property								
Analyte	Construction	Direct	Migration to GW	DCLs	VPBH06-02	VPBH07-01	VPBH07-02	VPBH08-01	VPBH08-02	VPMW1-01	VPMW1-02	VPMW2-01	VPMW2-02
Sample Depth in Feet					4 - 6	2 - 4	4 - 6	0 - 2	4 - 6	0 - 2	4 - 6	0 - 2	4 - 6
1,1,1,2-Tetrachloroethan	7100	63	0.79	0.79	0.0045 U	0.0048 U	0.0046 U	0.0046 U	0.0048 U	0 R	0.0046 U	0 R	0.092 U
1,1,1-Trichloroethane	11000	2700	35	35	0.0045 U	0.0048 U	0.0046 U	0.0046 U	0.0048 U	0.0067 UJ	0.0046 U	0.0052 UJ	0.092 U
1,1,2,2-Tetrachloroethan	960	8.7	0.11	0.11	0.0045 UJ	0.0048 U	0.0046 UJ	0.0046 UJ	0.0048 U	0 R	0.0046 U	0 R	0.092 U
1,1,2-Trichloroethane	600	15	0.3	0.3	0.0045 U	0.0048 U	0.0046 U	0.0046 U	0.0048 U	0.0067 UJ	0.0046 U	0.0052 UJ	0.092 U
1,1-Dichloroethane	8600	1700	58	58	0.0045 U	0.0048 U	0.0046 U	0.0046 U	0.0048 U	0.0067 UJ	0.0046 U	0.0052 UJ	0.092 U
1,1-Dichloroethene	140	1.1	0.058	0.058	0.0045 U	0.0048 U	0.0046 U	0.0046 U	0.0048 U	0.0067 UJ	0.0046 U	0.0052 UJ	**0.092 U**
1,2-Dichloroethane	150	5.8	0.15	0.15	0.0045 U	0.0048 U	0.0046 U	0.0046 U	0.0048 U	0.0067 UJ	0.0046 U	0.0052 UJ	0.092 U
1,2-Dichloropropane	100	7.2	0.25	0.25	0.0045 U	0.0048 U	0.0046 U	0.0046 U	0.0048 U	0.0067 UJ	0.0046 U	0.0052 UJ	0.092 U
2-Butanone (MEK)	130000	28000	260	260	0.0045 U	0.0068 J	0.0046 U	0.0046 UJ	0.0062	0.014 J	0.0084	0.012 J	0.092 U
4-Methyl-2-pentanone (MI	7200	1400	39	39	0.0045 U	0.0048 UJ	0.0046 U	0.0046 UJ	0.0048 U	0.0067 UJ	0.0046 U	0.0052 UJ	0.092 U
Acetone	25000	5600	41	41	0.018 J	0.079 J	0.0067 J	0.039 J	0.022 J	0.1 J	0.052	0.043 J	0.19
Acrolein	1.2	0.22	8.3	0.22	0 R	0 R	0 R	0 R	0 R	**0.27 UJ**	0.18 U	0.21 UJ	**3.7 U**
Benzene	120	13	0.67	0.67	0.0045 U	0.0048 U	0.0046 U	0.0048	0.0048 U	0.0067 UJ	0.0046 U	0.0052 UJ	0.092 U
Bromodichloromethane	2100	17	0.63	0.63	0.0045 U	0.0048 U	0.0046 U	0.0046 U	0.0048 U	0.0067 UJ	0.0046 U	0.0052 UJ	0.092 U
Bromoform	7700	580	2.7	2.7	0.0045 U	0.0048 U	0.0046 U	0.0046 U	0.0048 U	0 R	0.0046 U	0 R	0.092 U
Bromomethane	69	13	0.7	0.7	0.0045 U	0.0048 U	0.0046 U	0.0046 U	0.0048 U	0.0067 UJ	0.0046 U	0.0052 UJ	0.092 U
Carbon disulfide	6200	1200	82	82	0.0045 U	0.0048 U	0.0046 U	0.0046 U	0.0048 U	0.0067 UJ	0.0046 U	0.0052 UJ	0.092 U
Carbon tetrachloride	31	5.2	0.29	0.29	0.0045 U	0.0048 U	0.0046 U	0.0046 U	0.0048 U	0.0067 UJ	0.0046 U	0.0052 UJ	0.092 U
Chlorobenzene	2600	510	27	27	0.0045 U	0.0048 U	0.0046 U	0.0046 U	0.0048 U	0 R	0.0046 U	0 R	0.092 U
Chloroethane	9600	71	5.2	5.2	0.0045 U	0.0048 U	0.0046 U	0.0046 U	0.0048 U	0.0067 UJ	0.0046 U	0.0052 UJ	0.092 U
Chloroform	6.4	1.2	2.7	1.2	0.0045 U	0.0048 U	0.0046 U	0.0046 U	0.0048 U	0.0067 UJ	0.0046 U	0.0052 UJ	0.092 U
cis-1,2-Dichloroethene	750	140	5.8	5.8	0.0045 U	0.0048 U	0.0046 U	0.0046 U	0.0048 U	0.0067 UJ	0.0046 U	0.0052 UJ	0.092 U
cis-1,3-Dichloropropene	290	16	0.2	0.2	0.0045 U	0.0048 U	0.0046 U	0.0046 U	0.0048 U	0.0067 UJ	0.0046 U	0.0052 UJ	0.092 U
Ethylbenzene	29000	6800	200	200	0.0045 U	0.0048 U	0.0046 U	0.0046 U	0.0048 U	0 R	0.0046 U	0 R	0.092 U
Methylene chloride	22000	200	1.8	1.8	0.0045 U	0.0048 U	0.0046 U	0.0046 U	0.0048 U	0.0067 UJ	0.0046 U	0.0052 UJ	0.3 U
Methyl-tert-butyl-ether	38000	330	5.6	5.6	0.0045 U	0.0048 U	0.0046 U	0.0046 U	0.0048 U	0.0067 UJ	0.0046 U	0.0052 UJ	0.092 U
n-Butyl alcohol (1-Butan	NE	NE	NE	NE	0 R	0 R	0 R	0 R	0 R	0.53 UJ	0.37 U	0.41 UJ	7.3 U
Styrene	68000	16000	720	720	0.0045 U	0.0048 U	0.0046 U	0.0046 U	0.0048 U	0 R	0.0046 U	0 R	0.092 U
Tetrachloroethene	4200	110	0.64	0.64	0.0045 U	0.0048 U	0.0046 U	0.0046 U	0.0048 U	0 R	0.0046 U	0 R	0.092 U
Toluene	11000	2200	240	240	0.0045 U	0.0048 U	0.0046 U	0.0046 U	0.0048 U	0.0067 UJ	0.0046 U	0.0052 UJ	0.092 U
trans-1,2-Dichloroethene	1200	230	14	14	0.0045 U	0.0048 U	0.0046 U	0.0046 U	0.0048 U	0.0067 UJ	0.0046 U	0.0052 UJ	0.092 U
trans-1,3-Dichloropropen	290	16	0.2	0.2	0.0045 U	0.0048 U	0.0046 U	0.0046 U	0.0048 U	0.0067 UJ	0.0046 U	0.0052 UJ	0.092 U
Trichloroethene	500	72	3	3	0.0045 U	0.0048 U	0.0046 U	0.0046 U	0.0048 U	0.0067 UJ	0.0046 U	0.0052 UJ	0.092 U
Vinyl acetate	7600	1400	430	430	0.0045 UJ	0.0048 UJ	0.0046 UJ	0.0046 U	0.0048 UJ	0.0067 UJ	0.0046 U	0.0052 UJ	0.092 U
Vinyl chloride	56	0.46	0.013	0.013	0.0045 U	0.0048 U	0.0046 U	0.0046 U	0.0048 U	0.0067 UJ	0.0046 U	0.0052 UJ	**0.092 U**
Xylenes (total)	34000	6200	3400	410	0.0045 U	0.0048 U	0.0046 U	0.0046 U	0.0048 U	0 R	0.0046 U	0 R	0.092 U

Table 4-2B
Soil Analytical Data For SVOCs Compared with Industrial Closure Levels
LaPorte Center Brownfield Redevelopment Project
La Porte, Indiana

	Closure Levels - Industrial				Verma Property										
Analyte	Construction	Direct	Migration to GW	DCLs	VPBH03-01	VPBH03-02	VPBH04-01	VPBH04-02	VPBH05-01	VPBH05-02	VPBH06-01	VPBH06-02	VPBH07-01	VPBH07-02	VPBH08-01
Sample Depth in Feet					2 - 4	4 - 6	2 - 4	6 - 8	0 - 2	4 - 6	2 - 4	4 - 6	2 - 4	4 - 6	0 - 2
1,2,4-Trichlorobenzene	8900	4900	77	77	0.36 U	0.37 U	0.37 U	0.37 U	0.37 U	0.4 U	17 U	0.37 U	0.38 U	1.9 U	0.36
1,2-Dichlorobenzene	18000	3900	270	270	0.36 U	0.37 U	0.37 U	0.37 U	0.37 U	0.4 U	17 U	0.37 U	0.38 U	1.9 U	0.36
1,3-Dichlorobenzene	180	38	1.8	1.8	0.36 U	0.37 U	0.37 U	0.37 U	0.37 U	0.4 UJ	17 U	0.37 U	0.38 U	1.9 U	0.36
1,4-Dichlorobenzene	8000	73	3.4	3.4	0.36 U	0.37 U	0.37 U	0.37 U	0.37 U	0.4 UJ	17 U	0.37 U	0.38 U	1.9 U	0.36
2,2-oxybis (1-chloroprop	5200	61	0.26	0.26	0.36 U	0.37 U	0.37 U	0.37 U	0.37 U	0.4 U	17 U	0.37 U	0.38 U	1.9 U	0.36
2,4,5-Trichlorophenol	89000	49000	690	690	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U	2 U	89 U	1.9 U	1.9 U	9.8 U	1.8
2,4,6-Trichlorophenol	57000	1300	5	5	0.36 U	0.37 U	0.37 U	0.37 U	0.37 U	0.4 U	17 U	0.37 U	0.38 U	1.9 U	0.36
2,4-Dichlorophenol	2700	1500	3	3	0.36 U	0.37 U	0.37 U	0.37 U	0.37 U	0.4 U	17 U	0.37 U	0.38 U	1.9 U	0.36
2,4-Dimethylphenol	18000	9800	25	25	0.36 U	0.37 U	0.37 U	0.37 U	0.37 U	0.4 U	17 U	0.37 U	0.38 U	1.9 U	0.36
2,4-Dinitrophenol	1800	980	0.82	0.82	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U	2 U	89 U	1.9 U	1.9 U	9.8 U	1.8
2,4-Dinitrotoluene	890	20	0.028	0.028	0.36 U	0.37 U	0.37 U	0.37 U	0.37 U	0.4 U	17 U	0.37 U	0.38 U	1.9 U	0.36
2,6-Dinitrotoluene	890	20	0.028	0.028	0.36 U	0.37 U	0.37 U	0.37 U	0.37 U	0.4 UJ	17 U	0.37 U	0.38 U	1.9 U	0.36
2-Chlorophenol	2200	580	10	10	0.36 U	0.37 U	0.37 U	0.37 U	0.37 U	0.4 U	17 U	0.37 U	0.38 U	1.9 U	0.36
2-Methylphenol (o-cresol	39000	17000	39	39	0.36 U	0.37 U	0.37 U	0.37 U	0.37 U	0.4 U	17 U	0.37 U	0.38 U	1.9 U	0.36
2-Nitroaniline	51	28	0.029	0.029	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U	2 U	89 U	1.9 U	1.9 U	9.8 U	1.8
3,3-Dichlorobenzidine	1400	31	0.21	0.21	0.72 U	0.76 U	0.74 U	0.75 U	0.75 U	0.8 UJ	35 UJ	0.75 U	0.77 U	3.9 U	0.72
4-Chloroaniline	3600	2000	2.7	2.7	0.36 U	0.37 U	0.37 U	0.37 U	0.37 U	0 R	17 U	0.37 U	0.38 U	1.9 U	0.36
4-Methylphenol (m/p-cres	4400	2500	3	3	0.36 U	0.37 U	0.37 U	0.37 U	0.37 U	0.4 U	17 U	0.37 U	0.38 U	1.9 U	0.36
Acenaphthene	50000	24000	1200	1200	0.36 U	0.22 J	0.37 U	0.37 U	0.37 U	0.18 J	17 U	0.37 U	0.38 U	1.9 U	0.36
Anthracene	250000	120000	51	51	0.084 J	0.69	0.37 U	0.37 U	0.37 U	0.32 J	17 U	0.37 U	0.38 U	1.9 U	0.36
Benzo(a)anthracene	790	15	62	15	0.93	4.2	0.37 U	0.37 U	0.27 J	1.8 J	17 UJ	0.37 U	0.38 U	1.9 U	0.36
Benzo(a)pyrene	79	1.5	16	1.5	1.3	7.8	0.37 U	0.37 U	0.27 J	1.6 J	17 U	0.37 U	0.38 U	1.9 U	0.36
Benzo(b)fluoranthene	790	15	74	15	1.9 J	7.5 J	0.37 U	0.37 U	0.23 J	2.1 J	17 U	0.37 U	0.38 U	1.9 U	0.36
Benzo(k)fluoranthene	7900	150	39	39	1.2 J	4.9 J	0.37 U	0.37 U	0.26 J	1.4 J	17 U	0.37 U	0.38 U	1.9 U	0.36
Benzoic acid	1000000	1E+06	1600	1600	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U	2 U	89 U	1.9 U	1.9 U	9.8 U	1.8
Benzyl alcohol	270000	150000	140	140	0.36 U	0.37 U	0.37 U	0.37 U	0.37 U	0.4 U	17 U	0.37 U	0.38 U	1.9 U	0.36
Bis(2-chloroethyl)ether	280	3	0.012	0.012	0.36 U	0.37 U	0.37 U	0.37 U	0.37 U	0.4 U	17 U	0.37 U	0.38 U	1.9 U	0.36
Bis(2-ethylhexyl)phthala	18000	980	120000	980	0.36 U	0.37 U	0.37 U	0.37 U	0.37 U	0.4 U	17 UJ	0.37 U	0.38 U	1.9 U	0.36
Butyl benzyl phthalate	180000	98000	6200	930	0.36 U	0.37 U	0.37 U	0.37 U	0.37 U	0.4 U	17 UJ	0.37 U	0.38 U	1.9 U	0.36
Carbazole	31000	690	20	20	0.42	0.67	0.37 U	0.37 U	0.4	0.49	17 U	0.37 U	0.38 U	1.9 U	0.36
Chrysene	79000	1500	25	25	1.2	4.7	0.37 U	0.37 U	0.74	1.9 J	4.3 J	0.37 U	0.38 U	1.9 U	0.092
Dibenzo(a,h)anthracene	79	1.5	60	1.5	0.47	2.2	0.37 U	0.37 U	0.11 J	0.41 J	17 U	0.37 U	0.38 U	1.9 U	0.36
Dibenzofuran	NE	NE	NE	NE	0.36 U	0.1 J	0.37 U	0.37 U	0.078 J	0.17 J	17 U	0.37 U	0.38 U	1.9 U	0.36
Diethyl phthalate	710000	390000	1300	1300	0.36 U	0.37 U	0.37 U	0.37 U	0.37 U	0.4 UJ	17 U	0.37 U	0.38 U	1.9 U	0.36
Dimethyl phthalate	1000000	1E+06	5600	1400	0.36 U	0.37 U	0.37 U	0.37 U	0.37 U	0.4 U	17 U	0.37 U	0.38 U	1.9 U	0.36
Di-n-butyl phthalate	89000	49000	14000	2000	0.36 U	0.37 U	0.37 U	0.37 U	0.37 U	0.4 U	17 U	0.37 U	0.38 U	1.9 U	0.36
Di-n-octyl phthalate	18000	9800	67000	2000	0.36 U	0.37 U	0.37 U	0.37 U	0.37 U	0.4 U	17 U	0.37 U	0.38 U	1.9 U	0.36
Fluoranthene	33000	16000	880	880	1.2	4.7	0.37 U	0.37 U	0.39	2.6 J	17 U	0.37 U	0.38 U	1.9 U	0.094
Fluorene	33000	16000	1100	1100	0.36 U	0.17 J	0.37 U	0.37 U	0.37 U	0.23 J	17 U	0.37 U	0.38 U	1.9 U	0.36
Hexachlorobenzene	390	8.6	3.9	3.9	0.36 U	0.37 U	0.37 U	0.37 U	0.37 U	0.4 U	17 U	0.37 U	0.38 U	1.9 U	0.36
Hexachlorobutadiene	180	98	44	44	0.36 U	0.37 U	0.37 U	0.37 U	0.37 U	0.4 U	17 U	0.37 U	0.38 U	1.9 U	0.36
Hexachlorocyclopentadien	6200	3400	5700	2000	0.36 U	0.37 U	0.37 U	0.37 U	0.37 UJ	0 R	17 UJ	0.37 UJ	0.38 UJ	1.9 U	0.36
Hexachloroethane	660	240	7.7	7.7	0.36 U	0.37 U	0.37 U	0.37 U	0.37 U	0.4 U	17 U	0.37 U	0.38 U	1.9 U	0.36
Indeno(1,2,3-cd)pyrene	790	15	3.1	3.1	0.84	4.3	0.37 U	0.37 U	0.11 J	0.7 J	17 U	0.37 U	0.38 U	1.9 U	0.36
Isophorone	180000	14000	18	18	0.36 U	0.37 U	0.37 U	0.37 U	0.37 U	0.4 U	17 U	0.37 U	0.38 U	1.9 U	0.36
Naphthalene	17000	8000	170	170	0.075 J	0.12 J	0.37 U	0.37 U	0.26 J	0.21 J	17 U	0.37 U	0.38 U	1.9 U	0.36
Nitrobenzene	440	250	0.34	0.34	0.36 U	0.37 U	0.37 U	0.37 U	0.37 U	0.4 UJ	17 U	0.37 U	0.38 U	1.9 U	0.36
n-Nitroso-di-n-propylami	89	2	0.002	0.002	0.36 U	0.37 U	0.37 U	0.37 U	0.37 U	0.4 U	17 U	0.37 U	0.38 U	1.9 U	0.36
n-Nitrosodiphenylamine	130000	2800	32	32	0.36 U	0.37 U	0.37 U	0.37 U	0.37 U	0.4 U	17 U	0.37 U	0.38 U	1.9 U	0.36
Pentachlorophenol	3800	54	0.66	0.66	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U	2 U	89 U	1.9 U	1.9 U	9.8 U	1.8
Phenanthrene	NE	NE	NE	NE	0.56	2.5	0.37 U	0.37 U	0.35 J	1.5 J	17 U	0.37 U	0.38 U	1.9 U	0.36
Phenol	460000	190000	320	320	0.36 U	0.37 U	0.37 U	0.37 U	0.37 U	0.4 U	17 U	0.37 U	0.38 U	1.9 U	0.36
Pyrene	27000	15000	570	570	1	5.2	0.37 U	0.37 U	0.38	2.6 J	11 J	0.37 U	0.38 U	1.9 U	0.36

Table 4-2B
Soil Analytical Data For SVOCs Compared with Industrial Closure Levels
LaPorte Center Brownfield Redevelopment Project
La Porte, Indiana

	Closure Levels - Industrial					Verma Property				
Analyte	Construction	Direct	Migration to GW	DCLs		VPBH08-02	VPMW1-01	VPMW1-02	VPMW2-01	VPMW2-02
Sample Depth in Feet						4 - 6	0 - 2	4 - 6	0 - 2	4 - 6
1,2,4-Trichlorobenzene	8900	4900	77	77	U	0.37 U	0.37 U	0.38 U	0.4 UJ	0.36 U
1,2-Dichlorobenzene	18000	3900	270	270	U	0.37 U	0.37 U	0.38 U	0.4 UJ	0.36 U
1,3-Dichlorobenzene	180	38	1.8	1.8	U	0.37 U	0.37 U	0.38 U	0.4 UJ	0.36 U
1,4-Dichlorobenzene	8000	73	3.4	3.4	U	0.37 U	0.37 U	0.38 U	0.4 UJ	0.36 U
2,2-oxybis (1-chloroprop	5200	61	0.26	0.26	U	0.37 U	0.37 U	0.38 U	0.4 UJ	0.36 U
2,4,5-Trichlorophenol	89000	49000	690	690	U	1.9 U	1.9 U	1.9 U	2.1 UJ	1.8 U
2,4,6-Trichlorophenol	57000	1300	5	5	U	0.37 U	0.37 U	0.38 U	0.4 UJ	0.36 U
2,4-Dichlorophenol	2700	1500	3	3	U	0.37 U	0.37 U	0.38 U	0.4 UJ	0.36 U
2,4-Dimethylphenol	18000	9800	25	25	U	0.37 U	0.37 U	0.38 U	0.4 UJ	0.36 U
2,4-Dinitrophenol	1800	980	0.82	0.82	U	1.9 U	1.9 U	1.9 U	0 R	1.8 U
2,4-Dinitrotoluene	890	20	0.028	0.028	U	0.37 U	0.37 U	0.38 U	0.4 UJ	0.36 U
2,6-Dinitrotoluene	890	20	0.028	0.028	U	0.37 U	0.37 U	0.38 U	0.4 UJ	0.36 U
2-Chlorophenol	2200	580	10	10	U	0.37 U	0.37 U	0.38 U	0.4 UJ	0.36 U
2-Methylphenol (o-cresol	39000	17000	39	39	U	0.37 U	0.37 U	0.38 U	0.4 UJ	0.36 U
2-Nitroaniline	51	28	0.029	0.029	U	1.9 U	1.9 U	1.9 U	2.1 UJ	1.8 U
3,3-Dichlorobenzidine	1400	31	0.21	0.21	U	0.75 U	0.75 UJ	0.76 U	0.81 UJ	0.73 U
4-Chloroaniline	3600	2000	2.7	2.7	U	0.37 U	0.37 U	0.38 U	0.4 UJ	0.36 U
4-Methylphenol (m/p-cres	4400	2500	3	3	U	0.37 U	0.37 U	0.38 U	0.4 UJ	0.36 U
Acenaphthene	50000	24000	1200	1200	U	0.37 U	0.37 U	0.38 U	0.4 U	0.36 U
Anthracene	250000	120000	51	51	U	0.37 U	0.37 U	0.38 U	0.14 J	0.36 U
Benzo(a)anthracene	790	15	62	15	U	0.37 U	0.22 J	0.38 U	0.55	0.38
Benzo(a)pyrene	79	1.5	16	1.5	U	0.37 U	0.43	0.38 U	0.52	0.41
Benzo(b)fluoranthene	790	15	74	15	U	0.37 U	0.37 U	0.38 U	0.55	0.51
Benzo(k)fluoranthene	7900	150	39	39	U	0.37 U	0.37 U	0.38 U	0.42	0.38
Benzoic acid	1000000	1E+06	1600	1600	U	1.9 U	1.9 U	1.9 U	0 R	1.8 U
Benzyl alcohol	270000	150000	140	140	U	0.37 U	0.37 U	0.38 U	0.4 UJ	0.36 U
Bis(2-chloroethyl)ether	280	3	0.012	0.012	U	0.37 U	0.37 U	0.38 U	0.4 UJ	0.36 U
Bis(2-ethylhexyl)phthala	18000	980	120000	980	U	0.37 U	0.37 UJ	0.21 J	0.4 UJ	0.19 J
Butyl benzyl phthalate	180000	98000	6200	930	U	0.37 U	0.37 UJ	0.38 U	0.4 UJ	0.36 U
Carbazole	31000	690	20	20	U	0.37 U	0.37 U	0.38 U	0.4 UJ	0.36 U
Chrysene	79000	1500	25	25	J	0.37 U	0.49	0.38 U	0.68	0.6
Dibenzo(a,h)anthracene	79	1.5	60	1.5	U	0.37 U	0.37 U	0.38 U	0.17 J	0.36 U
Dibenzofuran	NE	NE	NE	NE	U	0.37 U	0.37 U	0.38 U	0.4 UJ	0.36 U
Diethyl phthalate	710000	390000	1300	1300	U	0.37 U	0.37 U	0.38 U	0.4 UJ	0.36 U
Dimethyl phthalate	1000000	1E+06	5600	1400	U	0.37 U	0.37 U	0.38 U	0.4 UJ	0.36 U
Di-n-butyl phthalate	89000	49000	14000	2000	U	0.37 U	0.37 U	0.38 U	0.4 UJ	0.36 U
Di-n-octyl phthalate	18000	9800	67000	2000	U	0.37 U	0.37 U	0.38 U	0.4 UJ	0.36 U
Fluoranthene	33000	16000	880	880	J	0.37 U	0.27 J	0.38 U	0.83	0.5
Fluorene	33000	16000	1100	1100	U	0.37 U	0.37 U	0.38 U	0.4 U	0.36 U
Hexachlorobenzene	390	8.6	3.9	3.9	U	0.37 U	0.37 U	0.38 U	0.4 UJ	0.36 U
Hexachlorobutadiene	180	98	44	44	U	0.37 U	0.37 U	0.38 U	0.4 UJ	0.36 U
Hexachlorocyclopentadien	6200	3400	5700	2000	UJ	0.37 UJ	0.37 U	0.38 U	0 R	0.36 U
Hexachloroethane	660	240	7.7	7.7	U	0.37 U	0.37 U	0.38 U	0.4 UJ	0.36 U
Indeno(1,2,3-cd)pyrene	790	15	3.1	3.1	U	0.37 U	0.14 J	0.38 U	0.31 J	0.21 J
Isophorone	180000	14000	18	18	U	0.37 U	0.37 U	0.38 U	0.4 UJ	0.36 U
Naphthalene	17000	8000	170	170	U	0.37 U	0.14 J	0.38 U	0.4 U	0.36 U
Nitrobenzene	440	250	0.34	0.34	U	0.37 U	0.37 U	0.38 U	0.4 UJ	0.36 U
n-Nitroso-di-n-propylami	89	2	0.002	0.002	U	0.37 U	0.37 U	0.38 U	0.4 UJ	0.36 U
n-Nitrosodiphenylamine	130000	2800	32	32	U	0.37 U	0.37 U	0.38 U	0.4 UJ	0.36 U
Pentachlorophenol	3800	54	0.66	0.66	U	1.9 U	1.9 U	1.9 U	2.1 UJ	1.8 U
Phenanthrene	NE	NE	NE	NE	U	0.37 U	0.44	0.38 U	0.72	0.27 J
Phenol	460000	190000	320	320	U	0.37 U	0.37 U	0.38 U	0.4 UJ	0.36 U
Pyrene	27000	15000	570	570	U	0.37 U	0.64	0.38 U	1.2	0.82

Table 4-2B
Soil Analytical Data For SVOCs Compared with Industrial Closure Levels
LaPorte Center Brownfield Redevelopment Project
La Porte, Indiana

	Closure Levels - Industrial				Verma Property	
Analyte	Construction	Direct	Migration to GW	DCLs	VPMW3-01	VPMW3-02
Sample Depth in Feet					2 - 4	4 - 6
1,2,4-Trichlorobenzene	8900	4900	77	77	0.37 U	0.38 U
1,2-Dichlorobenzene	18000	3900	270	270	0.37 U	0.38 U
1,3-Dichlorobenzene	180	38	1.8	1.8	0.37 U	0.38 U
1,4-Dichlorobenzene	8000	73	3.4	3.4	0.37 U	0.38 U
2,2-oxybis (1-chloroprop	5200	61	0.26	0.26	0.37 U	0.38 U
2,4,5-Trichlorophenol	89000	49000	690	690	1.9 U	1.9 U
2,4,6-Trichlorophenol	57000	1300	5	5	0.37 U	0.38 U
2,4-Dichlorophenol	2700	1500	3	3	0.37 U	0.38 U
2,4-Dimethylphenol	18000	9800	25	25	0.37 U	0.38 U
2,4-Dinitrophenol	1800	980	0.82	0.82	1.9 U	1.9 UJ
2,4-Dinitrotoluene	890	20	0.028	0.028	0.37 U	0.38 UJ
2,6-Dinitrotoluene	890	20	0.028	0.028	0.37 U	0.38 UJ
2-Chlorophenol	2200	580	10	10	0.37 U	0.38 U
2-Methylphenol (o-cresol	39000	17000	39	39	0.37 U	0.38 U
2-Nitroaniline	51	28	0.029	0.029	1.9 U	1.9 U
3,3-Dichlorobenzidine	1400	31	0.21	0.21	0.76 U	0.77 U
4-Chloroaniline	3600	2000	2.7	2.7	0.37 U	0.38 U
4-Methylphenol (m/p-cres	4400	2500	3	3	0.37 U	0.38 U
Acenaphthene	50000	24000	1200	1200	0.37 U	0.38 U
Anthracene	250000	120000	51	51	0.3 J	0.77
Benzo(a)anthracene	790	15	62	15	0.44	1.2
Benzo(a)pyrene	79	1.5	16	1.5	0.26 J	0.95
Benzo(b)fluoranthene	790	15	74	15	0.32 J	0.86
Benzo(k)fluoranthene	7900	150	39	39	0.26 J	0.79
Benzoic acid	1000000	1E+06	1600	1600	1.9 U	1.9 U
Benzyl alcohol	270000	150000	140	140	0.37 U	0.38 U
Bis(2-chloroethyl)ether	280	3	0.012	0.012	0.37 U	0.38 U
Bis(2-ethylhexyl)phthala	18000	980	120000	980	0.37 U	0.38 U
Butyl benzyl phthalate	180000	98000	6200	930	0.37 U	0.38 U
Carbazole	31000	690	20	20	0.37 U	0.22 J
Chrysene	79000	1500	25	25	0.47	1.3
Dibenzo(a,h)anthracene	79	1.5	60	1.5	0.37 U	0.38 U
Dibenzofuran	NE	NE	NE	NE	0.37 U	0.49 J
Diethyl phthalate	710000	390000	1300	1300	0.37 U	0.38 UJ
Dimethyl phthalate	1000000	1E+06	5600	1400	0.37 U	0.38 U
Di-n-butyl phthalate	89000	49000	14000	2000	0.37 U	0.38 U
Di-n-octyl phthalate	18000	9800	67000	2000	0.37 U	0.38 U
Fluoranthene	33000	16000	880	880	1.1	3.1
Fluorene	33000	16000	1100	1100	0.56	1
Hexachlorobenzene	390	8.6	3.9	3.9	0.37 U	0.38 U
Hexachlorobutadiene	180	98	44	44	0.37 U	0.38 U
Hexachlorocyclopentadien	6200	3400	5700	2000	0.37 U	0.38 UJ
Hexachloroethane	660	240	7.7	7.7	0.37 U	0.38 U
Indeno(1,2,3-cd)pyrene	790	15	3.1	3.1	0.16 J	0.46
Isophorone	180000	14000	18	18	0.37 U	0.38 U
Naphthalene	17000	8000	170	170	1.1	1.9
Nitrobenzene	440	250	0.34	0.34	0.37 U	0.38 U
n-Nitroso-di-n-propylami	89	2	0.002	0.002	0.37 U	0.38 U
n-Nitrosodiphenylamine	130000	2800	32	32	0.37 U	0.38 U
Pentachlorophenol	3800	54	0.66	0.66	1.9 U	1.9 U
Phenanthrene	NE	NE	NE	NE	1.3	3.3
Phenol	460000	190000	320	320	0.37 U	0.38 U
Pyrene	27000	15000	570	570	1.1	2.8

Table 4-2B
Soil Analytical Data For SVOCs Compared with Industrial Closure Levels
LaPorte Center Brownfield Redevelopment Project
La Porte, Indiana

	Closure Levels - Industrial				Verma Property				
Analyte	Construction	Direct	Migration to GW	DCLs	VPBH08-02	VPMW1-01	VPMW1-02	VPMW2-01	VPMW2-02
Sample Depth in Feet					4 - 6	0 - 2	4 - 6	0 - 2	4 - 6
1,2,4-Trichlorobenzene	8900	4900	77	77	0.37 U	0.37 U	0.38 U	0.4 UJ	0.36 U
1,2-Dichlorobenzene	18000	3900	270	270	0.37 U	0.37 U	0.38 U	0.4 UJ	0.36 U
1,3-Dichlorobenzene	180	38	1.8	1.8	0.37 U	0.37 U	0.38 U	0.4 UJ	0.36 U
1,4-Dichlorobenzene	8000	73	3.4	3.4	0.37 U	0.37 U	0.38 U	0.4 UJ	0.36 U
2,2-oxybis (1-chloroprop	5200	61	0.26	0.26	**0.37 U**	**0.37 U**	**0.38 U**	**0.4 UJ**	**0.36 U**
2,4,5-Trichlorophenol	89000	49000	690	690	1.9 U	1.9 U	1.9 U	2.1 UJ	1.8 U
2,4,6-Trichlorophenol	57000	1300	5	5	0.37 U	0.37 U	0.38 U	0.4 UJ	0.36 U
2,4-Dichlorophenol	2700	1500	3	3	0.37 U	0.37 U	0.38 U	0.4 UJ	0.36 U
2,4-Dimethylphenol	18000	9800	25	25	0.37 U	0.37 U	0.38 U	0.4 UJ	0.36 U
2,4-Dinitrophenol	1800	980	0.82	0.82	**1.9 U**	**1.9 U**	**1.9 U**	0 R	**1.8 U**
2,4-Dinitrotoluene	890	20	0.028	0.028	**0.37 U**	**0.37 U**	**0.38 U**	**0.4 UJ**	**0.36 U**
2,6-Dinitrotoluene	890	20	0.028	0.028	**0.37 U**	**0.37 U**	**0.38 U**	**0.4 UJ**	**0.36 U**
2-Chlorophenol	2200	580	10	10	0.37 U	0.37 U	0.38 U	0.4 UJ	0.36 U
2-Methylphenol (o-cresol	39000	17000	39	39	0.37 U	0.37 U	0.38 U	0.4 UJ	0.36 U
2-Nitroaniline	51	28	0.029	0.029	**1.9 U**	**1.9 U**	**1.9 U**	**2.1 UJ**	**1.8 U**
3,3-Dichlorobenzidine	1400	31	0.21	0.21	**0.75 U**	**0.75 UJ**	**0.76 U**	**0.81 UJ**	**0.73 U**
4-Chloroaniline	3600	2000	2.7	2.7	0.37 U	0.37 U	0.38 U	0.4 UJ	0.36 U
4-Methylphenol (m/p-cres	4400	2500	3	3	0.37 U	0.37 U	0.38 U	0.4 UJ	0.36 U
Acenaphthene	50000	24000	1200	1200	0.37 U	0.37 U	0.38 U	0.4 U	0.36 U
Anthracene	250000	120000	51	51	0.37 U	0.37 U	0.38 U	0.14 J	0.36 U
Benzo(a)anthracene	790	15	62	15	0.37 U	0.22 J	0.38 U	0.55	0.38
Benzo(a)pyrene	79	1.5	16	1.5	0.37 U	0.43	0.38 U	0.52	0.41
Benzo(b)fluoranthene	790	15	74	15	0.37 U	0.37 U	0.38 U	0.55	0.51
Benzo(k)fluoranthene	7900	150	39	39	0.37 U	0.37 U	0.38 U	0.42	0.38
Benzoic acid	1000000	1E+06	1600	1600	1.9 U	1.9 U	1.9 U	0 R	1.8 U
Benzyl alcohol	270000	150000	140	140	0.37 U	0.37 U	0.38 U	0.4 UJ	0.36 U
Bis(2-chloroethyl)ether	280	3	0.012	0.012	**0.37 U**	**0.37 U**	**0.38 U**	**0.4 UJ**	**0.36 U**
Bis(2-ethylhexyl)phthala	18000	980	120000	980	0.37 U	0.37 UJ	0.21 J	0.4 UJ	0.19 J
Butyl benzyl phthalate	180000	98000	6200	930	0.37 U	0.37 UJ	0.38 U	0.4 UJ	0.36 U
Carbazole	31000	690	20	20	0.37 U	0.37 U	0.38 U	0.4 UJ	0.36 U
Chrysene	79000	1500	25	25	0.37 U	0.49	0.38 U	0.68	0.6
Dibenzo(a,h)anthracene	79	1.5	60	1.5	0.37 U	0.37 U	0.38 U	0.17 J	0.36 U
Dibenzofuran	NE	NE	NE	NE	0.37 U	0.37 U	0.38 U	0.4 UJ	0.36 U
Diethyl phthalate	710000	390000	1300	1300	0.37 U	0.37 U	0.38 U	0.4 UJ	0.36 U
Dimethyl phthalate	1000000	1E+06	5600	1400	0.37 U	0.37 U	0.38 U	0.4 UJ	0.36 U
Di-n-butyl phthalate	89000	49000	14000	2000	0.37 U	0.37 U	0.38 U	0.4 UJ	0.36 U
Di-n-octyl phthalate	18000	9800	67000	2000	0.37 U	0.37 U	0.38 U	0.4 UJ	0.36 U
Fluoranthene	33000	16000	880	880	0.37 U	0.27 J	0.38 U	0.83	0.5
Fluorene	33000	16000	1100	1100	0.37 U	0.37 U	0.38 U	0.4 U	0.36 U
Hexachlorobenzene	390	8.6	3.9	3.9	0.37 U	0.37 U	0.38 U	0.4 UJ	0.36 U
Hexachlorobutadiene	180	98	44	44	0.37 U	0.37 U	0.38 U	0.4 UJ	0.36 U
Hexachlorocyclopentadien	6200	3400	5700	2000	0.37 UJ	0.37 UJ	0.38 U	0 R	0.36 U
Hexachloroethane	660	240	7.7	7.7	0.37 U	0.37 U	0.38 U	0.4 UJ	0.36 U
Indeno(1,2,3-cd)pyrene	790	15	3.1	3.1	0.37 U	0.14 J	0.38 U	0.31 J	0.21 J
Isophorone	180000	14000	18	18	0.37 U	0.37 U	0.38 U	0.4 UJ	0.36 U
Naphthalene	17000	8000	170	170	0.37 U	0.14 J	0.38 U	0.4 U	0.36 U
Nitrobenzene	440	250	0.34	0.34	**0.37 U**	**0.37 U**	**0.38 U**	**0.4 UJ**	**0.36 U**
n-Nitroso-di-n-propylami	89	2	0.002	0.002	**0.37 U**	**0.37 U**	**0.38 U**	**0.4 UJ**	**0.36 U**
n-Nitrosodiphenylamine	130000	2800	32	32	0.37 U	0.37 U	0.38 U	0.4 UJ	0.36 U
Pentachlorophenol	3800	54	0.66	0.66	**1.9 U**	**1.9 U**	**1.9 U**	**2.1 UJ**	**1.8 U**
Phenanthrene	NE	NE	NE	NE	0.37 U	0.44	0.38 U	0.72	0.27 J
Phenol	460000	190000	320	320	0.37 U	0.37 U	0.38 U	0.4 UJ	0.36 U
Pyrene	27000	15000	570	570	0.37 U	0.64	0.38 U	1.2	0.82

Table 4-2B
Soil Analytical Data For SVOCs Compared with Industrial Closure Levels
LaPorte Center Brownfield Redevelopment Project
La Porte, Indiana

	Closure Levels - Industrial				Verma Property	
Analyte	Construction	Direct	Migration to GW	DCLs	VPMW3-01	VPMW3-02
Sample Depth in Feet					2 - 4	4 - 6
1,2,4-Trichlorobenzene	8900	4900	77	77	0.37 U	0.38 U
1,2-Dichlorobenzene	18000	3900	270	270	0.37 U	0.38 U
1,3-Dichlorobenzene	180	38	1.8	1.8	0.37 U	0.38 U
1,4-Dichlorobenzene	8000	73	3.4	3.4	0.37 U	0.38 U
2,2-oxybis (1-chloroprop	5200	61	0.26	0.26	**0.37 U**	**0.38 U**
2,4,5-Trichlorophenol	89000	49000	690	690	1.9 U	1.9 U
2,4,6-Trichlorophenol	57000	1300	5	5	0.37 U	0.38 U
2,4-Dichlorophenol	2700	1500	3	3	0.37 U	0.38 U
2,4-Dimethylphenol	18000	9800	25	25	0.37 U	0.38 U
2,4-Dinitrophenol	1800	980	0.82	0.82	**1.9 U**	**1.9 UJ**
2,4-Dinitrotoluene	890	20	0.028	0.028	**0.37 U**	**0.38 UJ**
2,6-Dinitrotoluene	890	20	0.028	0.028	**0.37 U**	**0.38 UJ**
2-Chlorophenol	2200	580	10	10	0.37 U	0.38 U
2-Methylphenol (o-cresol	39000	17000	39	39	0.37 U	0.38 U
2-Nitroaniline	51	28	0.029	0.029	**1.9 U**	**1.9 U**
3,3-Dichlorobenzidine	1400	31	0.21	0.21	**0.76 U**	**0.77 U**
4-Chloroaniline	3600	2000	2.7	2.7	0.37 U	0.38 U
4-Methylphenol (m/p-cres	4400	2500	3	3	0.37 U	0.38 U
Acenaphthene	50000	24000	1200	1200	0.37 U	0.38 U
Anthracene	250000	120000	51	51	0.3 J	0.77
Benzo(a)anthracene	790	15	62	15	0.44	1.2
Benzo(a)pyrene	79	1.5	16	1.5	0.26 J	0.95
Benzo(b)fluoranthene	790	15	74	15	0.32 J	0.86
Benzo(k)fluoranthene	7900	150	39	39	0.26 J	0.79
Benzoic acid	1000000	1E+06	1600	1600	1.9 U	1.9 U
Benzyl alcohol	270000	150000	140	140	0.37 U	0.38 U
Bis(2-chloroethyl)ether	280	3	0.012	0.012	**0.37 U**	**0.38 U**
Bis(2-ethylhexyl)phthala	18000	980	120000	980	0.37 U	0.38 U
Butyl benzyl phthalate	180000	98000	6200	930	0.37 U	0.38 U
Carbazole	31000	690	20	20	0.37 U	0.22 J
Chrysene	79000	1500	25	25	0.47	1.3
Dibenzo(a,h)anthracene	79	1.5	60	1.5	0.37 U	0.38 U
Dibenzofuran	NE	NE	NE	NE	0.37 U	0.49 J
Diethyl phthalate	710000	390000	1300	1300	0.37 U	0.38 UJ
Dimethyl phthalate	1000000	1E+06	5600	1400	0.37 U	0.38 U
Di-n-butyl phthalate	89000	49000	14000	2000	0.37 U	0.38 U
Di-n-octyl phthalate	18000	9800	67000	2000	0.37 U	0.38 U
Fluoranthene	33000	16000	880	880	1.1	3.1
Fluorene	33000	16000	1100	1100	0.56	1
Hexachlorobenzene	390	8.6	3.9	3.9	0.37 U	0.38 U
Hexachlorobutadiene	180	98	44	44	0.37 U	0.38 U
Hexachlorocyclopentadien	6200	3400	5700	2000	0.37 U	0.38 UJ
Hexachloroethane	660	240	7.7	7.7	0.37 U	0.38 U
Indeno(1,2,3-cd)pyrene	790	15	3.1	3.1	0.16 J	0.46
Isophorone	180000	14000	18	18	0.37 U	0.38 U
Naphthalene	17000	8000	170	170	1.1	1.9
Nitrobenzene	440	250	0.34	0.34	**0.37 U**	**0.38 U**
n-Nitroso-di-n-propylami	89	2	0.002	0.002	**0.37 U**	**0.38 U**
n-Nitrosodiphenylamine	130000	2800	32	32	0.37 U	0.38 U
Pentachlorophenol	3800	54	0.66	0.66	**1.9 U**	**1.9 U**
Phenanthrene	NE	NE	NE	NE	1.3	3.3
Phenol	460000	190000	320	320	0.37 U	0.38 U
Pyrene	27000	15000	570	570	1.1	2.8

Table 4-2C
Soil Analytical Data For Metals and PCBs Compared with Industrial Closure Levels
LaPorte Center Brownfield Redevelopment Project
La Porte, Indiana

	Closure Levels - Industrial				Verma Property						
Analyte	Construction	Direct	Migration to GW	DCLs	VPBH03-01	VPBH03-02	VPBH04-01	VPBH04-02	VPBH05-01	VPBH05-02	VPBH06-01
Sample Depth in Feet					2 - 4	4 - 6	2 - 4	6 - 8	0 - 2	4 - 6	2 - 4
Aluminum	NE	NE	NE	NE	4200	4100	3600	3400	4700	3400	1700
Antimony	460	620	37	37	2.1 U	2.1 U	2.1 U	2.2 U	2 U	2.9 J	1.9 U
Arsenic	320	20	29	20	6.2	6.8	8.2	6.3	13	52	1.1
Barium	79000	98000	5900	5900	42	80	16	14	1300	68	13
Beryllium	2300	2900	3200	2300	0.42 U	0.42 U	0.41 U	0.44 U	0.41 U	0.45 U	0.39 U
Cadmium	570	780	77	77	0.21 U	0.21 U	0.21 U	0.22 U	0.64	0.27	0.19 U
Chromium	3400	650	120	120	9	13	7.2	7.3	140	13	3.3
Cobalt	NE	NE	NE	NE	3.3	4.3	5.9	8.8	38	5.9	1
Copper	42000	57000	1700	1700	40	42	22	28	100	120 J	2.9
Lead	970	1300	230	230	42	39	12	14	200	210	6.4
Molybdenum	NE	NE	NE	NE	0.87 J	0.5 J	5.1	8.1	10	3.2	0.55 J
Nickel	23000	31000	2700	2700	7.6	11	19	20	89	16	3.9
Selenium	5700	7800	53	53	0.48 J	0.72 J	1 U	1.1 U	19	1.2	0.97 U
Silver	5700	7800	87	87	0.52 U	0.53 U	0.52 U	0.55 U	6.4	0.57 U	0.48 U
Strontium	NE	NE	NE	NE	9	10	3.2	3.3	120	29 J	3.1
Thallium	100	140	13	13	1 U	1.1 U	1 U	1.1 U	18	1.1 U	0.97 U
Vanadium	NE	NE	NE	NE	13	16	9.6	8.7	62	12	8.4
Zinc	340000	470000	38000	10000	67	70	90	140	210	200 J	16
Mercury	270	150	32	32	0.011 J	0.012 J	0.019 J	0.037 U	0.034 J	0.14	0.035 U
pH	NE	NE	NE	NE	7.6 J	7.7 J	8 J	8 J	6.9 J	7.8 J	8.9 J
Temperature at Analysis					20.4	21.9	20.4	20.1	20	20.8	22
PCBs											
Aroclor 1016	16	5.3	18	5.3	0.018 U	0.019 U	0.019 U	0.019 U	0.019 U	0.02 U	0.087 U
Aroclor 1221	16	5.3	18	5.3	0.018 U	0.019 U	0.019 U	0.019 U	0.019 U	0.02 U	0.087 U
Aroclor 1232	16	5.3	18	5.3	0.018 U	0.019 U	0.019 U	0.019 U	0.019 U	0.02 U	0.087 U
Aroclor 1242	16	5.3	18	5.3	0.018 U	0.019 U	0.019 U	0.019 U	0.019 U	0.02 U	0.087 U
Aroclor 1248	16	5.3	18	5.3	0.018 U	0.019 U	0.019 U	0.019 U	0.019 U	0.02 U	0.087 U
Aroclor 1254	16	5.3	18	5.3	0.018 U	0.019 U	0.019 U	0.019 U	0.019 U	0.02 U	0.087 U
Aroclor 1260	16	5.3	18	5.3	0.018 U	0.019 U	0.019 U	0.019 U	0.021	0.051 J	0.087 U

Table 4-2C
Soil Analytical Data For Metals and PCBs Compared with Industrial Closure Levels
LaPorte Center Brownfield Redevelopment Project
La Porte, Indiana

	Closure Levels - Industrial				Verma Property								
Analyte	Construction	Direct	Migration to GW	DCLs	VPBH06-02	VPBH07-01	VPBH07-02	VPBH08-01	VPBH08-02	VPMW1-01	VPMW1-02	VPMW2-01	VPMW2-02
Sample Depth in Feet					4 - 6	2 - 4	4 - 6	0 - 2	4 - 6	0 - 2	4 - 6	0 - 2	4 - 6
Aluminum	NE	NE	NE	NE	5000	5000	4900	3400	4000	4100	4900	6500 J	3500
Antimony	460	620	37	37	2 U	2.1 U	2.3 U	2 U	2.1 U	2.1 U	2.1 U	2.1 UJ	1.9 U
Arsenic	320	20	29	20	7.6	9.3	7.6	6.3	5.9	11	9.6	9.4	6.7
Barium	79000	98000	5900	5900	23	29	22	13	15	24	22	110 J	41
Beryllium	2300	2900	3200	2300	0.41 U	0.43	0.46 U	0.4 U	0.43 U	0.37 J	0.25 J	0.57	0.27 J
Cadmium	570	780	77	77	0.2 U	0.21 U	0.23 U	0.2 U	0.21 U	0.18 J	0.21	0.95	0.35
Chromium	3400	650	120	120	8.4	9.8	180	7	7.3	11	11	16	18
Cobalt	NE	NE	NE	NE	7.8	8.3	7.6	6.4	6.4	6.4	8.3	5.9	3.8
Copper	42000	57000	1700	1700	24	61	26	21	19	22	25	52 J	41
Lead	970	1300	230	230	17	31	19	15	12	26	21	230 J	58
Molybdenum	NE	NE	NE	NE	8.5	10	8.3	7.2	5.7	9.8	11	4.1	3.6
Nickel	23000	31000	2700	2700	19	20	19	15	14	16	20	16	15
Selenium	5700	7800	53	53	1 U	0.61 J	1.2	0.42 J	1.1 U	0.69 J	0.64 J	1 J	0.56 J
Silver	5700	7800	87	87	0.51 U	0.52 U	0.57 U	0.49 U	0.53 U	0.52 U	0.53 U	0.53 U	0.47 U
Strontium	NE	NE	NE	NE	3.4	10	14	4.6	3.1	5.4	5.1	35	29
Thallium	100	140	13	13	0.8 J	0.77 J	1.1 U	0.99 U	1.1 U	1 U	1.1 U	1.1 U	0.94 U
Vanadium	NE	NE	NE	NE	12	14	38	9.2	9.6	12	13	18	12
Zinc	340000	470000	38000	10000	120	140	110	100	100	93	110	230	66
Mercury	270	150	32	32	0.018 J	0.016 J	0.013 J	0.014 J	0.011 J	0.02 J	0.027 J	0.19	0.057
pH	NE	NE	NE	NE	7.1 J	7.8 J	9.9 J	7.2 J	7.2 J	6.2 J	7.2 J	7.8 J	8.3 J
Temperature at Analysis					21.1	20	21.2	20.8	19.8	21.4	22.4	20.3	21.5
PCBs													
Aroclor 1016	16	5.3	18	5.3	0.019 U	0.019 U	0.019 U	0.018 U	0.019 U	0.037 U	0.019 U	0.04 U	0.036 U
Aroclor 1221	16	5.3	18	5.3	0.019 U	0.019 U	0.019 U	0.018 U	0.019 U	0.037 U	0.019 U	0.04 U	0.036 U
Aroclor 1232	16	5.3	18	5.3	0.019 U	0.019 U	0.019 U	0.018 U	0.019 U	0.037 U	0.019 U	0.04 U	0.036 U
Aroclor 1242	16	5.3	18	5.3	0.019 U	0.019 U	0.019 U	0.018 U	0.019 U	0.037 U	0.019 U	0.04 U	0.036 U
Aroclor 1248	16	5.3	18	5.3	0.019 U	0.019 U	0.019 U	0.018 U	0.019 U	0.037 U	0.019 U	0.04 U	0.036 U
Aroclor 1254	16	5.3	18	5.3	0.019 U	0.019 U	0.019 U	0.018 U	0.019 U	0.037 U	0.019 U	0.04 U	0.036 U
Aroclor 1260	16	5.3	18	5.3	0.019 U	0.019 U	0.019 U	0.018 U	0.019 U	0.037 U	0.019 U	0.04 U	0.036 U

Table 4-2C
Soil Analytical Data For Metals and PCBs Compared with Industrial Closure Levels
LaPorte Center Brownfield Redevelopment Project
La Porte, Indiana

	Closure Levels - Industrial				Verma Property	
Analyte	Construction	Direct	Migration to GW	DCLs	VPMW3-01	VPMW3-02
Sample Depth in Feet					2 - 4	4 - 6
Aluminum	NE	NE	NE	NE	6200	6800
Antimony	460	620	37	37	1.9 U	2.2 U
Arsenic	320	20	29	20	6.5	6.9
Barium	79000	98000	5900	5900	77	50
Beryllium	2300	2900	3200	2300	0.49	0.59
Cadmium	570	780	77	77	0.13 J	0.14 J
Chromium	3400	650	120	120	9	11
Cobalt	NE	NE	NE	NE	6.8	6.6
Copper	42000	57000	1700	1700	25	34
Lead	970	1300	230	230	49	32
Molybdenum	NE	NE	NE	NE	4.7	6.7
Nickel	23000	31000	2700	2700	16	17
Selenium	5700	7800	53	53	0.71 J	0.79 J
Silver	5700	7800	87	87	0.48 U	0.54 U
Strontium	NE	NE	NE	NE	30	34
Thallium	100	140	13	13	0.96 U	1.1 U
Vanadium	NE	NE	NE	NE	16	56
Zinc	340000	470000	38000	10000	86	97
Mercury	270	150	32	32	0.061	0.093
pH	NE	NE	NE	NE	7.8 J	8.7 J
Temperature at Analysis					21.5	21.7
PCBs						
Aroclor 1016	16	5.3	18	5.3	0.019 U	0.019 U
Aroclor 1221	16	5.3	18	5.3	0.019 U	0.019 U
Aroclor 1232	16	5.3	18	5.3	0.019 U	0.019 U
Aroclor 1242	16	5.3	18	5.3	0.019 U	0.019 U
Aroclor 1248	16	5.3	18	5.3	0.019 U	0.019 U
Aroclor 1254	16	5.3	18	5.3	0.019 U	0.019 U
Aroclor 1260	16	5.3	18	5.3	0.019 U	0.019 U

Table 4-2D
Soil Analytical Data For Pesticides/Insectices/Others
Compared with Industrial Closure Levels
LaPorte Center Brownfield Redevelopment Project
La Porte, Indiana

	Closure Levels - Industrial				Verma Property						
Analyte	Construction	Direct	Migration to GW	DCLs	VPBH03-01	VPBH03-02	VPBH04-01	VPBH04-02	VPBH05-01	VPBH05-02	VPBH06-01
Sample Depth in Feet					2 - 4	4 - 6	2 - 4	6 - 8	0 - 2	4 - 6	2 - 4
4,4'-DDD	3100	120	480	120	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE	2200	86	1500	86	NA	NA	NA	NA	NA	NA	NA
4,4'-DDT	540	86	890	86	NA	NA	NA	NA	NA	NA	NA
Aldrin	27	0.8	16	0.8	NA	NA	NA	NA	NA	NA	NA
alpha-BHC	120	4	0.024	0.024	NA	NA	NA	NA	NA	NA	NA
alpha-Chlordane	510	68	39	39	NA	NA	NA	NA	NA	NA	NA
beta-BHC	410	14	0.086	0.086	NA	NA	NA	NA	NA	NA	NA
Chlordane	NE	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
Dieldrin	39	0.86	0.15	0.15	NA	NA	NA	NA	NA	NA	NA
Endosulfan I	5300	2900	46	46	NA	NA	NA	NA	NA	NA	NA
Endosulfan II	5300	2900	46	46	NA	NA	NA	NA	NA	NA	NA
Endrin	270	150	15	15	NA	NA	NA	NA	NA	NA	NA
gamma-BHC (Lindane)	310	19	0.1	0.1	NA	NA	NA	NA	NA	NA	NA
gamma-Chlordane	NE	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
Heptachlor	91	1.2	36	1.2	NA	NA	NA	NA	NA	NA	NA
Heptachlor epoxide	12	1.5	1	1	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	4400	2500	180	180	NA	NA	NA	NA	NA	NA	NA
Toxaphene	560	12	31	12	NA	NA	NA	NA	NA	NA	NA
2,4,5-T	NE	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
2,4,5-TP (Silvex)	NE	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
2,4-D	NE	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
2,4-DB	NE	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
Dalapon	NE	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
Dicamba	NE	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
Dichlorprop	NE	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
Dinoseb	NE	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
Cyanide, Free	18000	9800	410	410	NA	NA	NA	NA	NA	NA	NA

Table 4-2D
Soil Analytical Data For Pesticides/Insectices/Others
Compared with Industrial Closure Levels
LaPorte Center Brownfield Redevelopment Project
La Porte, Indiana

	Closure Levels - Industrial				Verma Property								
Analyte	Construction	Direct	Migration to GW	DCLs	VPBH06-02	VPBH07-01	VPBH07-02	VPBH08-01	VPBH08-02	VPMW1-01	VPMW1-02	VPMW2-01	VPMW2-02
Sample Depth in Feet					4 - 6	2 - 4	4 - 6	0 - 2	4 - 6	0 - 2	4 - 6	0 - 2	4 - 6
4,4'-DDD	3100	120	480	120	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE	2200	86	1500	86	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDT	540	86	890	86	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aldrin	27	0.8	16	0.8	NA	NA	NA	NA	NA	NA	NA	NA	NA
alpha-BHC	120	4	0.024	0.024	NA	NA	NA	NA	NA	NA	NA	NA	NA
alpha-Chlordane	510	68	39	39	NA	NA	NA	NA	NA	NA	NA	NA	NA
beta-BHC	410	14	0.086	0.086	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlordane	NE	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dieldrin	39	0.86	0.15	0.15	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan I	5300	2900	46	46	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan II	5300	2900	46	46	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin	270	150	15	15	NA	NA	NA	NA	NA	NA	NA	NA	NA
gamma-BHC (Lindane)	310	19	0.1	0.1	NA	NA	NA	NA	NA	NA	NA	NA	NA
gamma-Chlordane	NE	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor	91	1.2	36	1.2	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor epoxide	12	1.5	1	1	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	4400	2500	180	180	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toxaphene	560	12	31	12	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-T	NE	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-TP (Silvex)	NE	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-D	NE	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DB	NE	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dalapon	NE	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dicamba	NE	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorprop	NE	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dinoseb	NE	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide, Free	18000	9800	410	410	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 4-2D
Soil Analytical Data For Pesticides/Insectices/Others
Compared with Industrial Closure Levels
LaPorte Center Brownfield Redevelopment Project
La Porte, Indiana

	Closure Levels - Industrial				Verma Property	
Analyte	Construction	Direct	Migration to GW	DCLs	VPMW3-01	VPMW3-02
Sample Depth in Feet					2 - 4	4 - 6
4,4'-DDD	3100	120	480	120	NA	NA
4,4'-DDE	2200	86	1500	86	NA	NA
4,4'-DDT	540	86	890	86	NA	NA
Aldrin	27	0.8	16	0.8	NA	NA
alpha-BHC	120	4	0.024	0.024	NA	NA
alpha-Chlordane	510	68	39	39	NA	NA
beta-BHC	410	14	0.086	0.086	NA	NA
Chlordane	NE	NE	NE	NE	NA	NA
Dieldrin	39	0.86	0.15	0.15	NA	NA
Endosulfan I	5300	2900	46	46	NA	NA
Endosulfan II	5300	2900	46	46	NA	NA
Endrin	270	150	15	15	NA	NA
gamma-BHC (Lindane)	310	19	0.1	0.1	NA	NA
gamma-Chlordane	NE	NE	NE	NE	NA	NA
Heptachlor	91	1.2	36	1.2	NA	NA
Heptachlor epoxide	12	1.5	1	1	NA	NA
Methoxychlor	4400	2500	180	180	NA	NA
Toxaphene	560	12	31	12	NA	NA
2,4,5-T	NE	NE	NE	NE	NA	NA
2,4,5-TP (Silvex)	NE	NE	NE	NE	NA	NA
2,4-D	NE	NE	NE	NE	NA	NA
2,4-DB	NE	NE	NE	NE	NA	NA
Dalapon	NE	NE	NE	NE	NA	NA
Dicamba	NE	NE	NE	NE	NA	NA
Dichlorprop	NE	NE	NE	NE	NA	NA
Dinoseb	NE	NE	NE	NE	NA	NA
Cyanide, Free	18000	9800	410	410	NA	NA

Table 4-2 Footnotes:
All units are in milligrams per kilogram (mg/kg).
Industrial closure levels are based on different routes of exposure (e.g., construction worker, direct exposure, migration to groundwater pathway). Appendix 1, Table A: Default Closure Table.
Default closure level is determined from the lowest value of soil saturation, soil attenuation capacity, construction worker, direct, and migration to groundwater pathways.
The closure levels for total PCBs were used for individual PCB congeners because the closure levels are not available for individual PCB congeners.
Average pH of 7.87 was used for pH-dependent closure level selection.
NA = Not Analyzed
U = Not Detected. Value shown is the reporting limit.
J = Estimated concentration because the result was below the sample reporting limit or quality control criteria were not met.
UJ = Not Detected at or above the sample reporting limit. However, the reporting limit is approximate and may or may not represent the actual limit of reporting necessary to accurately measure the analyte in the sample.
R = Rejected Data
NE = Closure Level Not Established
A bold value indicates an elevated reporting limit exceeding the soil default closure level.
A bold and shade value indicates exceedance of migration to groudwater and default closure levels.
A bold and bracket value indicates exceedance of direct exposure and default closure levels.
A bold and italic value indicates exceedance of construction worker and default closure levels.

Table 5-1A
Historical Soil Analytical Results Compared With Industrial Closure Levels

Location	Closure Levels - Industrial				Verma Property		Verma Property		Verma Property		Verma Property		Verma Property		Verma Property	
Sample Name					SS01-01		SS02-01		SS03-01		SS03-01DP		SS04-01		SD01-01	SD02-01
Matrix					Surface Soil		Surface Soil		Surface Soil		Surface Soil		Surface Soil		Surface Soil	Surface Soil
Sample Date																
Sampled By	Construction	Direct	Migration to GW	DCLs	Roy F. Weston, Inc.		Roy F. Weston, Inc.		Roy F. Weston, Inc.		Roy F. Weston, Inc.		Roy F. Weston, Inc.		Roy F. Weston, Inc.	Roy F. Weston, Inc.
VOCs																
1,1,1,2-Tetrachloroethane	7100	63	0.79	0.79												
1,1,1-Trichloroethane	11000	2700	35	35	0.032				0.01	J	0.006	J				
1,1,2,2-Tetrachloroethane	960	8.7	0.11	0.11												
1,1,2-Trichloro-1,2,2-Trifluorc	NE	NE	NE	NE												
1,1,2-Trichloroethane	600	15	0.3	0.3												
1,1-Dichloroethane	8600	1700	58	58												
1,1-Dichloroethene	140	1.1	0.058	0.058												
1,2,3-Trichloropropane	NE	NE	NE	NE												
1,2-Dibromoethane	NE	NE	NE	NE												
1,2-Dichlorobenzene	18000	3900	270	270												
1,2-Dichloroethane	150	5.8	0.15	0.15												
1,2-Dichloroethene	NE	NE	NE	NE												
1,2-Dichloropropane	100	7.2	0.25	0.25												
1,3-Dichlorobenzene	180	38	1.8	1.8												
1,4-Dichloro-2-butene	NE	NE	NE	NE												
1,4-Dichlorobenzene	8000	73	3.4	3.4												
2-Chloroethylvinylether	NE	NE	NE	NE												
4-Methyl-2-Pentanone	7200	1400	39	39												
Acetone	25000	5600	41	41											0.88	J
Acrolein	1.2	0.22	8.3	0.22												
Acrylonitrile	NE	NE	NE	NE												
Benzene	120	13	0.67	0.67												
Bromodichloromethane	2100	17	0.63	0.63												
Bromoform	7700	580	2.7	2.7												
Bromomethane	69	13	0.7	0.7												
Carbon Disulfide	6200	1200	82	82												
Carbon Tetrachloride	31	5.2	0.29	0.29												
Chlorobenzene	2600	510	27	27												
Chloroethane	9600	71	5.2	5.2												
Chloroform	6.4	1.2	2.7	1.2												
Chloromethane	NE	NE	NE	NE												
cis-1,2-Dichloroethene	750	140	5.8	5.8												
cis-1,3-Dichloropropane	290	16	0.2	0.2												
Dibromochloromethane	NE	NE	NE	NE												
Dibromomethane	NE	NE	NE	NE												
Dichlorodifluoromethane	NE	NE	NE	NE												
Diethylether	NE	NE	NE	NE												
Ethyl Acetate	NE	NE	NE	NE												
Ethylbenzene	29000	6800	200	200			0.62	J								
Ethyl Ether	NE	NE	NE	NE												
Ethyl Methacrylate	NE	NE	NE	NE												
Fluorotrichloromethane	NE	NE	NE	NE												
Methyl Iodide	NE	NE	NE	NE												
Methyl Butyl Ketone	NE	NE	NE	NE												

Table 5-1A
Historical Soil Analytical Results Compared With Industrial Closure Levels

Location	Closure Levels - Industrial				Verma Property		Verma Property		Verma Property		Verma Property		Verma Property		Verma Property		Verma Property	
Sample Name					SS01-01		SS02-01		SS03-01		SS03-01DP		SS04-01		SD01-01		SD02-01	
Butanone)	130000	28000	260	260			1.6	J	0.032	J	0.027	J	0.006	J				
Methylene Chloride	22000	200	1.8	1.8														
Methyl-T-Butyl Ether	38000	330	5.6	5.6														
Styrene	68000	16000	720	720														
Tetrachloroethene	4200	110	0.64	0.64			0.96	J										
Tetrahydrofuran	NE	NE	NE	NE														
Toluene	11000	2200	240	240			1.2	J										
Total Xylenes	34000	6200	3400	410			8.3	J										
m & p-Xylenes																		
o-Xylenes																		
trans-1,2-Dichloroethene	1200	230	14	14														
trans-1,3-Dichloropropene	290	16	0.2	0.2														
Trichloroethene	500	72	3	3														
Trichlorofluoromethane																		
Vinyl Acetate	7600	1400	430	430														
Vinyl Chloride	56	0.46	0.013	0.013														
Metals																		
Aluminum	NE	NE	NE	NE	5870	J	5050	J	2560	J	1480	J	3990	J	3210	J	7280	J
Antimony	460	620	37	37														
Arsenic	320	20	29	20	11.8	J	11.1	J	15.9	J	7.2	SJ	15.2	J			8.6	J
Barium	79000	98000	5900	5900	49.1		173		125		107		250		43.7	B	93.4	
Berrylium	2300	2900	3200	2300									1.2					
Cadmium	570	780	77	77			4.3		3.5		2.3		5.1				2.8	
Calcium	NE	NE	NE	NE	66900	J	43900	J	8860	J	2120	J	7800	J	15300	J	3310	J
Chromium	3400	650	120	120	7.8	J*	253	J*	50.4	J*	31.5	J*	191	J*	11.7	*J	16.2	*J
Cobalt	NE	NE	NE	NE	3.4	B	6.2	B	6.5	B	3.6	B	12.6		3.3	B	9.5	B
Copper	42000	57000	1700	1700	9.7	J*	47.4	J*	123	J*	50.7	J*	340	J*	20.9	*J	63.9	*J
Cyanide	18000	9800	410	410			2.3	*			0.61	*	0.62	*				
Iron	NE	NE	NE	NE	8800	J*	29200	J*	36100	J*	21500	J*	77800	J*	11200	*J	24800	*J
Lead	970	1300	230	230	31	S*	661	J*	163	J*	81.8	J*	3340	S*J	113	*J	3155	*J
Lithium	NE	NE	NE	NE														
Magnesium	NE	NE	NE	NE	31800	J	20600	J	2920	J	954	BJ	3480	J	7240	J	2560	J
Manganese	NE	NE	NE	NE	486	J	554	J	747	J	198	J	1090	J	199		247	J
Mercury	270	150	32	32	0.05	BNJ							0.06	BNJ			0.012	BNJ
Molybdenum	NE	NE	NE	NE														
Nickel	23000	31000	2700	2700	9.9	J	35.1	J	38.4	J	20.6	J	84.9	J	11.8	J	32	J
Phenolics																		
Potassium	NE	NE	NE	NE	478	B			472	B			727	B			1540	
Selenium	5700	7800	53	53														
Silver	5700	7800	87	87														
Sodium	NE	NE	NE	NE	145	B	195	B	94.9	B	85.2	B	169	B	121	B	171	B
Strontium	NE	NE	NE	NE														
Thallium	100	140	13	13					0.47	BW	0.49	B	0.72	B			0.92	B
Tin	NE	NE	NE	NE														
Titanium	NE	NE	NE	NE														
Vanadium	NE	NE	NE	NE	9.7	B	19.1		10.4	B	6.1	B	22.7		9.4	B	23	
Zinc	340000	470000	38000	10000	73.3	J	864	J	146	J	92.5	J	261	J	91.4	J	294	J

Table 5-1A
Historical Soil Analytical Results Compared With Industrial Closure Levels

Location	Closure Levels - Industrial				Verma Property		Verma Property		Verma Property		Verma Property		Verma Property		Verma Property		Verma Property	
Sample Name					SS01-01		SS02-01		SS03-01		SS03-01DP		SS04-01		SD01-01		SD02-01	
SVOCs																		
1,2,4-Trichlorobenzene	8900	4900	77	77														
1,2-Dichlorobenzene	18000	3900	270	270														
1,3-Dichlorobenzene	180	38	1.8	1.8														
1,4-Dichlorobenzene	8000	73	3.4	3.4														
2,4,5-Trichlorophenol	89000	49000	690	690														
2,4,6-Trichlorophenol	57000	1300	5	5														
2,4-Dichlorophenol	2700	1500	3	3														
2,4-Dimethylphenol	18000	9800	25	25					0.025	J					0.06	J		
2,4-Dinitrophenol	1800	980	0.82	0.82														
2,4-Dinitrotoluene	890	20	0.028	0.028														
2,6-Dinitrotoluene	890	20	0.028	0.028														
2-Chloronaphthalene	NE	NE	NE	NE														
2-Chlorophenol	2200	580	10	10														
2-Methylnaphthalene	NE	NE	NE	NE			12		0.27	J	0.11	J	0.44		0.12	J		
2-Methylphenol	39000	17000	39	39					0.02	J					0.048	J		
2-Nitroaniline	51	28	0.029	0.029														
2-Nitrophenol	NE	NE	NE	NE														
3,3-Dichlorobenzidine	1400	31	0.21	0.21														
3-Nitroaniline	NE	NE	NE	NE														
4,6-Dinitro-2-Methylphenol	NE	NE	NE	NE														
4-Bromophenyl-phenylether	NE	NE	NE	NE														
4-Chloro-3-Methylphenol	NE	NE	NE	NE														
4-Chloroaniline	3600	2000	2.7	2.7														
4-Chlorophenyl-phenylether	NE	NE	NE	NE														
4-Methylphenol (m/p-cresol)	4400	2500	3	3					0.042	J					0.085	J		
4-Nitroaniline	NE	NE	NE	NE														
4-Nitrophenol	NE	NE	NE	NE														
Acenaphthene	50000	24000	1200	1200					0.088	J	0.024	J	0.029	J	0.03	J		
Acenaphthylene	NE	NE	NE	NE					0.17	J			0.03	J	0.03	J		
Aniline	NE	NE	NE	NE														
Anthracene	250000	120000	51	51					0.32	J	0.037	J	0.095	J	0.077	J		
Benzidine	NE	NE	NE	NE														
Benzo(a)Anthracene	790	15	62	15	0.063	J	1.4	J	1.1		0.14	J	0.38		0.66		0.071	J
Benzo(a)Pyrene	79	1.5	16	1.5	0.24	J	2.2	J	0.75		0.15	J	0.37		0.92		0.071	J
Benzo(b)Fluoranthene	790	15	74	15							0.31	J						
Benzo(g,h,i)Perylene	NE	NE	NE	NE	0.21	J	1.5	J	0.58		0.12	J	0.26	J	0.62		0.1	J
Benzo(k)Fluoranthene	7900	150	39	39	0.11	J	1.5	J	1.5				0.67		1.3		0.12	J
Benzoic Acid	1000000	1E+06	1600	1600														
Benzyl Alcohol	270000	150000	140	140														
bis(2-Chloroethoxy)Methane	NE	NE	NE	NE														
bis(2-Chloroethyl)Ether	280	3	0.012	0.012														
bis(2-chloroisopropyl)Ether	NE	NE	NE	NE														
bis(2-Ethylhexyl)Phthalate	18000	980	120000	980														
Butylbenzylphthalate	180000	98000	6200	930					0.024	J			0.033	J				
Carbazole	NE	NE	NE	NE					0.27	J	0.021	J	0.04	J	0.027	J		
Chrysene	79000	1500	25	25	0.11	J	3.7	J	1.1		0.2	J	0.39		1.2		0.091	J
Dibenz(a,h)Anthracene	79	1.5	60	1.5	0.066	J	0.7	J	0.13	J	0.024	J	0.052	J	0.13	J		
Dibenzofuran	NE	NE	NE	NE			2	J	0.18	J	0.047	J	0.18	J	0.05	J		

Table 5-1A
Historical Soil Analytical Results Compared With Industrial Closure Levels

Location	Closure Levels - Industrial				Verma Property		Verma Property		Verma Property		Verma Property		Verma Property		Verma Property		Verma Property	
Sample Name					SS01-01		SS02-01		SS03-01		SS03-01DP		SS04-01		SD01-01		SD02-01	
Diethylphthalate	710000	390000	1300	1300														
Dimethyl Phthalate	1000000	1E+06	5600	1400														
Di-n-Butylphthalate	89000	49000	14000	2000	0.019	J			0.033	J	0.02	J	0.023	J			0.12	J
Di-n-Octyl Phthalate	18000	9800	67000	2000					0.02	J								
Fluoranthene	33000	16000	880	880	0.062	J			2		0.21	J	0.52		0.62		0.1	J
Fluorene	33000	16000	1100	1100			4.2	J	0.25	J	0.021	J			0.047	J		
Hexachlorobenzene	390	8.6	3.9	3.9														
Hexachlorobutadiene	180	98	44	44														
Hexachlorocyclopentadiene	6200	3400	5700	2000														
Hexachloroethane	660	240	7.7	7.7														
Indeno(1,2,3-cd)Pyrene	790	15	3.1	3.1	0.054	J	0.85	J	0.6		0.11	J	0.23	J	0.44		0.066	J
Isophorone	180000	14000	18	18														
Naphthalene	17000	8000	170	170					0.33	J	100	J	0.29	J	0.21	J		
Nitrobenzene	440	250	0.34	0.34														
N-Nitrosodimethylamine	NE	NE	NE	NE														
N-Nitroso-Di-n-Propylamine	89	2	0.002	0.002														
N-Nitrosodiphenylamine (1)	130000	2800	32	32														
Pentachlorophenol	3800	54	0.66	0.66									0.38	J				
Phenanthrene	NE	NE	NE	NE	0.046	J	15		1.9		0.24	J	710		0.38		0.11	J
Phenol	460000	190000	320	320											0.16	J		
Pyrene	27000	15000	570	570	0.12	J	4.4	J	2		0.25	J	0.65		0.74		0.15	J
Pesticides/Insecticides																		
4,4-DDD	3100	120	480	120														
4,4-DDE	2200	86	1500	86			0.054	PD										
4,4-DDT	540	86	890	86			0.22	D			0.037	DJ	0.1	PDJ			0.014	DJ
Aldrin	27	0.8	16	0.8									0.015	DJ				
Alpha-BHC	120	4	0.024	0.024									0.0027	DJ				
Beta-BHC	410	14	0.086	0.086														
Chlordane	510	68	39	39			0.052	PD					0.013	JPD				
Delta-BHC	NE	NE	NE	NE														
Dieldrin	39	0.86	0.15	0.15			0.1	PD	0.0084	JPD								
Endosulfan I	5300	2900	46	46														
Endosulfan II	5300	2900	46	46	0.0071	JPD							0.048	PDJ				
Endosulfan Sulfate	NE	NE	NE	NE			0.12	PD										
Endrin	270	150	15	15	0.0091	JP	0.15	D	0.019	JP	0.028	DJ	0.086	PDJ			0.0054	JPD
Endrin Aldehyde	NE	NE	NE	NE							0.009	JP	0.04	PDJ				
Endrin Ketone	NE	NE	NE	NE			0.069	PD										
Gamma-BHC (Lindane)	310	19	0.1	0.1			0.038	D					0.0027	JPD				
Heptachlor	91	1.2	36	1.2	0.0029	JPD									0.004	JPD		
Heptachlor Epoxide	12	1.5	1	1											0.005	DJ+		
Methoxychlor	4400	2500	180	180	0.042	JP	0.2	JPD										
Toxaphene	560	12	31	12														
PCBs																		
Aroclor-1016	16	5.3	18	5.3														
Aroclor-1221	16	5.3	18	5.3														
Aroclor-1232	16	5.3	18	5.3														
Aroclor-1242	16	5.3	18	5.3														
Aroclor-1248	16	5.3	18	5.3			2.7											
Aroclor-1254	16	5.3	18	5.3	0.74	DJ	2.1		1									
Aroclor-1260	16	5.3	18	5.3			1.1								0.28	JPD		
Arochlor 1262	16	5.3	18	5.3														

Table 5-1 Footnotes:

All units are in milligrams per kilogram (mg/kg).

Industrial closure levels are based on different routes of exposure (e.g., construction worker, direct exposure, migration to groundwater pathway). Appendix 1, Table A: Default Closure Table.

Default closure level is determined from the lowest value of soil saturation, soil attenuation capacity, construction worker, direct, and migration to groundwater pathways.

The closure levels for total PCBs were used for individual PCB congeners because the closure levels are not available for individual PCB congeners.

Average pH of 7.87 was used for pH-dependent closure level selection.

NA = Not Analyzed

U - Analyzed for but not detected.

E/J - Value estimated or not reported due to interference, or result is greater than or equal to the instrument detection limit but less than the contract required detection limit.

R - Spike sample recovery is not within control limits.

B - Analyte was found in the blank as well as the sample.

* - Duplicate analysis is not within control limits.

NE = Closure Level Not Established

A bold value indicates an elevated reporting limit exceeding the soil default closure level.

A bold and shade value indicates exceedance of migration to groudwater and default closure levels.

A bold and bracket value indicates exceedance of direct exposure and default closure levels.

A bold and italic value indicates exceedance of construction worker and default closure levels.

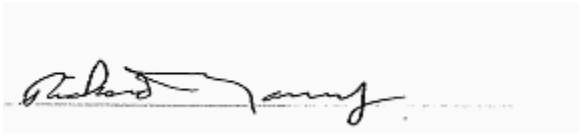
ANALYTICAL REPORT

Job Number: 500-5211-1

Job Description: Verma Property

For:
URS Corporation
100 South Wacker Drive
Suite 500
Chicago, IL 60606

Attention: Ms. Sarah Rubin



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Project Manager II
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07/26/2007

cc: Ms. Junaluska Williams

Project Manager: Rich Mannz

These test results meet all the requirements of NELAC for accredited parameters.

The Lab Certification ID# is 100201.

All questions regarding this test report should be directed to the STL Project Manager whose signature appears on this report. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

Reporting limits are adjusted for sample size used, dilutions and moisture content if applicable.

Job Narrative
500-J5211-1

Comments
No additional comments.

Receipt
Sample VPBH-14 there are no parameters checked to be tested on the COC.
Also had to add samples VPBH-09,VPBH-09-8-10,VPBH-10 to the COC, need to know what parameters they want on these samples.

All other samples were received in good condition within temperature requirements.

GC/MS VOA
Internal standard responses for samples 3, 6, and 8 were outside of acceptance limits. The sample shows evidence of matrix interference.

Acetone was reported above the maximum reporting limit in sample 6. Sample 6 was analyzed at a dilution and Acetone was not detected.

No other analytical or quality issues were noted.

GC/MS Semi VOA
Sample -4 was diluted due to the abundance of non-target analytes. Elevated reporting limits (RLs) are provided.

Internal standard responses for sample -9 were outside of acceptance limits. The sample shows evidence of matrix interference. The sample was re-analyzed with similar internal standard recoveries. The best analysis was reported.

Surrogate recovery for samples -1, -2, -6 and -8 was outside control limits. No corrective action was required.

No other analytical or quality issues were noted.

Metals
Method 6010B: The matrix duplicate %RPD for sample 5211-1in batch 18488 was outside the control limits for Cr and Pb. Sample 500-5211-1 will be redigested and reanalyzed for Cr and Pb.

Method 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 18696 (sample 500-5211-1) were outside control limits for Pb. The associated laboratory control standard (LCS) met acceptance criteria.

No other analytical or quality issues were noted.

General Chemistry
No analytical or quality issues were noted.

Organic Prep
3541 8270

Due to the matrix, sample 500-5211-8 could not be concentrated to the final method required volume. The reporting limits are elevated proportionately.

No other analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: URS Corporation Job Number: 500-5211-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
500-5211-1	**VPBH-11**					
Benzo[a]anthracene		12	J	37	ug/Kg	8270C
Chrysene		15	J	37	ug/Kg	8270C
Bis(2-ethylhexyl) phthalate		180	J	190	ug/Kg	8270C
Benzo[b]fluoranthene		16	J	37	ug/Kg	8270C
Benzo[k]fluoranthene		13	J	37	ug/Kg	8270C
Benzo[a]pyrene		14	J	37	ug/Kg	8270C
Benzo[g,h,i]perylene		14	J	37	ug/Kg	8270C
Arsenic		10		1.1	mg/Kg	6010B
Barium		27		1.1	mg/Kg	6010B
Cadmium		0.16	J	0.22	mg/Kg	6010B
Chromium		12		1.1	mg/Kg	6010B
Lead		21	B	0.55	mg/Kg	6010B
Selenium		0.49	J	1.1	mg/Kg	6010B
Silver		0.26	J	0.54	mg/Kg	6010B
Mercury		0.028		0.019	mg/Kg	7471A
Percent Moisture		13		0.10	%	PercentMoisture
Percent Solids		87		0.10	%	PercentMoisture

EXECUTIVE SUMMARY - Detections

Client: URS Corporation Job Number: 500-5211-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
500-5211-2	**VPBH-12**					
Acetone		62		7.9	ug/Kg	8260B
Naphthalene		100		36	ug/Kg	8270C
2-Methylnaphthalene		80	J	180	ug/Kg	8270C
Acenaphthene		290		36	ug/Kg	8270C
Dibenzofuran		130	J	180	ug/Kg	8270C
Fluorene		260		36	ug/Kg	8270C
Phenanthrene		2000		36	ug/Kg	8270C
Anthracene		600		36	ug/Kg	8270C
Carbazole		290		180	ug/Kg	8270C
Fluoranthene		5200		180	ug/Kg	8270C
Pyrene		5000		180	ug/Kg	8270C
Benzo[a]anthracene		3600		180	ug/Kg	8270C
Chrysene		3800		180	ug/Kg	8270C
Benzo[b]fluoranthene		4200		180	ug/Kg	8270C
Benzo[k]fluoranthene		2300		180	ug/Kg	8270C
Benzo[a]pyrene		2600		36	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		1700		36	ug/Kg	8270C
Dibenz(a,h)anthracene		630		36	ug/Kg	8270C
Benzo[g,h,i]perylene		2000		36	ug/Kg	8270C
Arsenic		6.8		1.1	mg/Kg	6010B
Barium		34		1.1	mg/Kg	6010B
Cadmium		0.28		0.21	mg/Kg	6010B
Chromium		9.7	B	1.1	mg/Kg	6010B
Lead		34		0.53	mg/Kg	6010B
Selenium		0.60	J	1.1	mg/Kg	6010B
Mercury		0.044		0.018	mg/Kg	7471A
pH		8.91		0.200	SU	9045C
Percent Moisture		8.2		0.10	%	PercentMoisture
Percent Solids		92		0.10	%	PercentMoisture

EXECUTIVE SUMMARY - Detections

Client: URS Corporation Job Number: 500-5211-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
500-5211-3	**VPBH-13**					
Acetone		47		4.5	ug/Kg	8260B
2-Butanone (MEK)		7.5		4.5	ug/Kg	8260B
Naphthalene		64		41	ug/Kg	8270C
2-Methylnaphthalene		80	J	210	ug/Kg	8270C
Fluorene		14	J	41	ug/Kg	8270C
Phenanthrene		150		41	ug/Kg	8270C
Anthracene		18	J	41	ug/Kg	8270C
Fluoranthene		62		41	ug/Kg	8270C
Pyrene		61		41	ug/Kg	8270C
Benzo[a]anthracene		97		41	ug/Kg	8270C
Chrysene		150		41	ug/Kg	8270C
Bis(2-ethylhexyl) phthalate		210		210	ug/Kg	8270C
Benzo[b]fluoranthene		150		41	ug/Kg	8270C
Benzo[k]fluoranthene		62		41	ug/Kg	8270C
Benzo[a]pyrene		78		41	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		47		41	ug/Kg	8270C
Dibenz(a,h)anthracene		29	J	41	ug/Kg	8270C
Benzo[g,h,i]perylene		59		41	ug/Kg	8270C
Arsenic		2.3		1.1	mg/Kg	6010B
Barium		52		1.1	mg/Kg	6010B
Chromium		7.6	B	1.1	mg/Kg	6010B
Lead		6.0		0.54	mg/Kg	6010B
Selenium		0.50	J	1.1	mg/Kg	6010B
Percent Moisture		22		0.10	%	PercentMoisture
Percent Solids		78		0.10	%	PercentMoisture

EXECUTIVE SUMMARY - Detections

Client: URS Corporation Job Number: 500-5211-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
500-5211-4	**VPBH-14**					
Naphthalene		990		200	ug/Kg	8270C
2-Methylnaphthalene		1500		1000	ug/Kg	8270C
Acenaphthylene		220		200	ug/Kg	8270C
Acenaphthene		100	J	200	ug/Kg	8270C
Dibenzofuran		550	J	1000	ug/Kg	8270C
Phenanthrene		2300		200	ug/Kg	8270C
Anthracene		390		200	ug/Kg	8270C
Fluoranthene		1800		200	ug/Kg	8270C
Pyrene		2400		200	ug/Kg	8270C
Benzo[a]anthracene		1200		200	ug/Kg	8270C
Chrysene		1500		200	ug/Kg	8270C
Benzo[b]fluoranthene		1800		200	ug/Kg	8270C
Benzo[k]fluoranthene		830		200	ug/Kg	8270C
Benzo[a]pyrene		1100		200	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		750		200	ug/Kg	8270C
Dibenz(a,h)anthracene		290		200	ug/Kg	8270C
Benzo[g,h,i]perylene		900		200	ug/Kg	8270C
Arsenic		41		1.0	mg/Kg	6010B
Barium		43		1.0	mg/Kg	6010B
Cadmium		0.99		0.20	mg/Kg	6010B
Chromium		18		1.0	mg/Kg	6010B
Lead		120	B	0.51	mg/Kg	6010B
Selenium		0.73	J	1.0	mg/Kg	6010B
Silver		0.37	J	0.51	mg/Kg	6010B
Mercury		0.18		0.020	mg/Kg	7471A
Percent Moisture		18		0.10	%	PercentMoisture
Percent Solids		82		0.10	%	PercentMoisture
500-5211-5	**PHYS-1**					
Percent Moisture		8.7		0.010	%	PercentMoisture
500-5211-6	**PHYS-2**					
Vinyl chloride		26	J	37	ug/Kg	8260B
Carbon disulfide		170		37	ug/Kg	8260B
Acetone		4800	E	37	ug/Kg	8260B
2-Butanone (MEK)		520		37	ug/Kg	8260B
Bis(2-ethylhexyl) phthalate		320	J	730	ug/Kg	8270C
pH		7.21		0.200	SU	9045C
Percent Moisture		77		0.10	%	PercentMoisture
Percent Solids		23		0.10	%	PercentMoisture

EXECUTIVE SUMMARY - Detections

Client: URS Corporation Job Number: 500-5211-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
500-5211-7	**PHYS-3**					
Acetone		130		8.3	ug/Kg	8260B
2-Butanone (MEK)		24		8.3	ug/Kg	8260B
Bis(2-ethylhexyl) phthalate		78	J	250	ug/Kg	8270C
pH		7.76		0.200	SU	9045C
Percent Moisture		36		0.10	%	PercentMoisture
Percent Solids		64		0.10	%	PercentMoisture
500-5211-8	**VPBH-09**					
Acetone		33		6.3	ug/Kg	8260B
Naphthalene		98	J	140	ug/Kg	8270C
2-Methylnaphthalene		300	J	720	ug/Kg	8270C
Acenaphthene		83	J	140	ug/Kg	8270C
Dibenzofuran		220	J	720	ug/Kg	8270C
Fluorene		82	J	140	ug/Kg	8270C
Phenanthrene		1100		140	ug/Kg	8270C
Anthracene		100	J	140	ug/Kg	8270C
Fluoranthene		440		140	ug/Kg	8270C
Pyrene		890		140	ug/Kg	8270C
Benzo[a]anthracene		280		140	ug/Kg	8270C
Chrysene		350		140	ug/Kg	8270C
Bis(2-ethylhexyl) phthalate		2400		720	ug/Kg	8270C
Benzo[b]fluoranthene		150		140	ug/Kg	8270C
Benzo[k]fluoranthene		190		140	ug/Kg	8270C
Benzo[a]pyrene		170		140	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		81	J	140	ug/Kg	8270C
Benzo[g,h,i]perylene		150		140	ug/Kg	8270C
Arsenic		7.2		1.1	mg/Kg	6010B
Barium		50		1.1	mg/Kg	6010B
Cadmium		0.62		0.22	mg/Kg	6010B
Chromium		13	B	1.1	mg/Kg	6010B
Lead		35		0.55	mg/Kg	6010B
Selenium		1.1		1.1	mg/Kg	6010B
Silver		0.24	J	0.55	mg/Kg	6010B
Mercury		0.020		0.019	mg/Kg	7471A
Percent Moisture		11		0.10	%	PercentMoisture
Percent Solids		89		0.10	%	PercentMoisture

EXECUTIVE SUMMARY - Detections

Client: URS Corporation Job Number: 500-5211-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
500-5211-9	**VPBH-09-8-10**					
Acetone		72		12	ug/Kg	8260B
2-Butanone (MEK)		8.0	J	12	ug/Kg	8260B
Phenanthrene		27	J	45	ug/Kg	8270C
Fluoranthene		43	J	45	ug/Kg	8270C
Pyrene		65		45	ug/Kg	8270C
Benzo[a]anthracene		22	J	45	ug/Kg	8270C
Chrysene		63		45	ug/Kg	8270C
Bis(2-ethylhexyl) phthalate		100	J	230	ug/Kg	8270C
Benzo[b]fluoranthene		38	J	45	ug/Kg	8270C
Benzo[g,h,i]perylene		27	J	45	ug/Kg	8270C
Arsenic		12		1.2	mg/Kg	6010B
Barium		27		1.2	mg/Kg	6010B
Cadmium		0.25		0.25	mg/Kg	6010B
Chromium		15	B	1.2	mg/Kg	6010B
Lead		33		0.62	mg/Kg	6010B
Selenium		0.66	J	1.2	mg/Kg	6010B
Silver		0.13	J	0.62	mg/Kg	6010B
Mercury		0.026		0.024	mg/Kg	7471A
Percent Moisture		31		0.10	%	PercentMoisture
Percent Solids		69		0.10	%	PercentMoisture

METHOD SUMMARY

Client: URS Corporation Job Number: 500-5211-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds by GC/MS	STL CHI	SW846 8260B	
Closed System Purge & Trap/Field Preservation	STL CHI		SW846 5035
Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	STL CHI	SW846 8270C	
Automated Soxhlet Extraction	STL CHI		SW846 3541
Inductively Coupled Plasma - Atomic Emission Spectrometry	STL CHI	SW846 6010B	
Acid Digestion of Sediments, Sludges, and Soils	STL CHI		SW846 3050B
Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)	STL CHI	SW846 7471A	
Mercury in Solid or Semi-Solid Waste (Manual	STL CHI		SW846 7471A
Soil and Waste pH	STL CHI	SW846 9045C	
Percent Moisture	STL CHI	EPA PercentMoisture	

LAB REFERENCES:

STL CHI = STL Chicago
STL SAV = STL Savannah

METHOD REFERENCES:

EPA - US Environmental Protection Agency

SW846 - "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: URS Corporation Job Number: 500-5211-1

Method	Analyst	Analyst ID
SW846 8260B	Swaney, Garth E	GES
SW846 8270C	Lesiak, Karen D	KDL
SW846 6010B	Kolarczyk, Paul F	PFK
SW846 6010B	Smith, Todd D	TDS
SW846 7471A	Klee, George O	GOK
SW846 9045C	Brogan, Mary T	MTB
EPA PercentMoisture	Boyd, Cheryl L	CLB
EPA PercentMoisture	Hughes, Linda	LH

SAMPLE SUMMARY

Client: URS Corporation Job Number: 500-5211-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
500-5211-1	VPBH-11	Solid	07/10/2007 0840	07/12/2007 1000
500-5211-2	VPBH-12	Solid	07/10/2007 1005	07/12/2007 1000
500-5211-3	VPBH-13	Solid	07/10/2007 1305	07/12/2007 1000
500-5211-4	VPBH-14	Solid	07/10/2007 1400	07/12/2007 1000
500-5211-5	PHYS-1	Solid	07/10/2007 1005	07/12/2007 1000
500-5211-6	PHYS-2	Solid	07/10/2007 1020	07/12/2007 1000
500-5211-7	PHYS-3	Solid	07/10/2007 1030	07/12/2007 1000
500-5211-8	VPBH-09	Solid	07/09/2007 1230	07/12/2007 1000
500-5211-9	VPBH-09-8-10	Solid	07/09/2007 1240	07/12/2007 1000

SAMPLE RESULTS

Ms. Sarah Rubin
URS Corporation
100 South Wacker Drive
Suite 500
Chicago, IL 60606

Job Number: 500-5211-1

Client Sample ID: VPBH-11
Lab Sample ID: 500-5211-1

Date Sampled: 07/10/2007 0840
Date Received: 07/12/2007 1000
Client Matrix: Solid
Percent Solids: 87

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	07/18/2007 1001		
Prep Method: 5035			Date Prepared:	07/10/2007 0840		
Benzene	2.0	U	ug/Kg	0.28	2.0	1.0
1,1,2,2-Tetrachloroethane	2.0	U	ug/Kg	0.29	2.0	1.0
Vinyl chloride	2.0	U	ug/Kg	0.32	2.0	1.0
Bromomethane	2.0	U	ug/Kg	1.3	2.0	1.0
Chloroethane	2.0	U	ug/Kg	1.3	2.0	1.0
Acrolein	81	U	ug/Kg	13	81	1.0
1,1-Dichloroethene	2.0	U	ug/Kg	0.53	2.0	1.0
Carbon disulfide	2.0	U	ug/Kg	0.41	2.0	1.0
Acetone	2.0	U	ug/Kg	1.7	2.0	1.0
Methylene Chloride	2.0	U	ug/Kg	0.65	2.0	1.0
trans-1,2-Dichloroethene	2.0	U	ug/Kg	0.31	2.0	1.0
Methyl tert-butyl ether	2.0	U	ug/Kg	0.22	2.0	1.0
1,1-Dichloroethane	2.0	U	ug/Kg	0.24	2.0	1.0
Vinyl acetate	2.0	U	ug/Kg	0.32	2.0	1.0
cis-1,2-Dichloroethene	2.0	U	ug/Kg	0.23	2.0	1.0
2-Butanone (MEK)	2.0	U	ug/Kg	0.89	2.0	1.0
Chloroform	2.0	U	ug/Kg	0.28	2.0	1.0
Carbon tetrachloride	2.0	U	ug/Kg	0.30	2.0	1.0
1,2-Dichloroethane	2.0	U	ug/Kg	0.22	2.0	1.0
Trichloroethene	2.0	U	ug/Kg	0.27	2.0	1.0
1,2-Dichloropropane	2.0	U	ug/Kg	0.22	2.0	1.0
Bromodichloromethane	2.0	U	ug/Kg	0.23	2.0	1.0
cis-1,3-Dichloropropene	2.0	U	ug/Kg	0.24	2.0	1.0
4-Methyl-2-pentanone (MIBK)	2.0	U	ug/Kg	0.29	2.0	1.0
Toluene	2.0	U	ug/Kg	0.69	2.0	1.0
trans-1,3-Dichloropropene	2.0	U	ug/Kg	0.24	2.0	1.0
1,1,2-Trichloroethane	2.0	U	ug/Kg	0.33	2.0	1.0
Tetrachloroethene	2.0	U	ug/Kg	0.37	2.0	1.0
Chlorobenzene	2.0	U	ug/Kg	0.23	2.0	1.0
Ethylbenzene	2.0	U	ug/Kg	0.26	2.0	1.0
Styrene	2.0	U	ug/Kg	0.25	2.0	1.0
Bromoform	2.0	U	ug/Kg	0.30	2.0	1.0
Xylenes, Total	2.0	U	ug/Kg	0.73	2.0	1.0
n-Butyl alcohol	160	U	ug/Kg	110	160	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	113	%	74 - 143
Toluene-d8 (Surr)	106	%	75 - 130
4-Bromofluorobenzene (Surr)	101	%	75 - 120

Ms. Sarah Rubin
URS Corporation
100 South Wacker Drive
Suite 500
Chicago, IL 60606

Job Number: 500-5211-1

Client Sample ID: VPBH-11
Lab Sample ID: 500-5211-1

Date Sampled: 07/10/2007 0840
Date Received: 07/12/2007 1000
Client Matrix: Solid
Percent Solids: 87

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate					Acceptance Limits	
Dibromofluoromethane	110		%		78 - 142	
Method: 8270C			Date Analyzed:		07/23/2007 2117	
Prep Method: 3541			Date Prepared:		07/18/2007 0840	
Phenol	190	U	ug/Kg	48	190	1.0
Bis(2-chloroethyl)ether	190	U	ug/Kg	51	190	1.0
1,3-Dichlorobenzene	190	U	ug/Kg	36	190	1.0
1,4-Dichlorobenzene	190	U	ug/Kg	43	190	1.0
1,2-Dichlorobenzene	190	U	ug/Kg	39	190	1.0
Benzyl alcohol	370	U	ug/Kg	180	370	1.0
2-Methylphenol	190	U	ug/Kg	52	190	1.0
2,2'-oxybis[1-chloropropane]	190	U	ug/Kg	45	190	1.0
N-Nitrosodi-n-propylamine	190	U	ug/Kg	49	190	1.0
Hexachloroethane	190	U	ug/Kg	41	190	1.0
4-Methylphenol	190	U	ug/Kg	65	190	1.0
2-Chlorophenol	190	U	ug/Kg	48	190	1.0
Nitrobenzene	37	U	ug/Kg	9.7	37	1.0
Bis(2-chloroethoxy)methane	190	U	ug/Kg	39	190	1.0
1,2,4-Trichlorobenzene	190	U	ug/Kg	42	190	1.0
Benzoic acid	1900	U	ug/Kg	420	1900	1.0
Isophorone	190	U	ug/Kg	44	190	1.0
2,4-Dimethylphenol	370	U	ug/Kg	82	370	1.0
Hexachlorobutadiene	190	U	ug/Kg	40	190	1.0
Naphthalene	37	U	ug/Kg	7.2	37	1.0
2,4-Dichlorophenol	370	U	ug/Kg	81	370	1.0
4-Chloroaniline	740	U	ug/Kg	180	740	1.0
2,4,6-Trichlorophenol	370	U	ug/Kg	79	370	1.0
2,4,5-Trichlorophenol	370	U	ug/Kg	110	370	1.0
Hexachlorocyclopentadiene	740	U	ug/Kg	200	740	1.0
2-Methylnaphthalene	190	U	ug/Kg	45	190	1.0
2-Nitroaniline	190	U	ug/Kg	53	190	1.0
2-Chloronaphthalene	190	U	ug/Kg	40	190	1.0
4-Chloro-3-methylphenol	370	U	ug/Kg	110	370	1.0
2,6-Dinitrotoluene	190	U	ug/Kg	52	190	1.0
2-Nitrophenol	370	U	ug/Kg	100	370	1.0
3-Nitroaniline	370	U	ug/Kg	160	370	1.0
Dimethyl phthalate	190	U	ug/Kg	42	190	1.0
2,4-Dinitrophenol	740	U	ug/Kg	530	740	1.0
Acenaphthylene	37	U	ug/Kg	11	37	1.0
2,4-Dinitrotoluene	190	U	ug/Kg	61	190	1.0

Ms. Sarah Rubin
URS Corporation
100 South Wacker Drive
Suite 500
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Job Number: 500-5211-1

Client Sample ID: VPBH-11
Lab Sample ID: 500-5211-1

Date Sampled: 07/10/2007 0840
Date Received: 07/12/2007 1000
Client Matrix: Solid
Percent Solids: 87

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Acenaphthene	37	U	ug/Kg	7.7	37	1.0
Dibenzofuran	190	U	ug/Kg	37	190	1.0
4-Nitrophenol	740	U	ug/Kg	130	740	1.0
Fluorene	37	U	ug/Kg	8.1	37	1.0
4-Nitroaniline	370	U	ug/Kg	74	370	1.0
4-Bromophenyl phenyl ether	190	U	ug/Kg	46	190	1.0
Hexachlorobenzene	74	U	ug/Kg	8.0	74	1.0
Diethyl phthalate	190	U	ug/Kg	48	190	1.0
4-Chlorophenyl phenyl ether	190	U	ug/Kg	42	190	1.0
Pentachlorophenol	740	U	ug/Kg	260	740	1.0
N-Nitrosodiphenylamine	190	U	ug/Kg	42	190	1.0
4,6-Dinitro-2-methylphenol	370	U	ug/Kg	150	370	1.0
Phenanthrene	37	U	ug/Kg	12	37	1.0
Anthracene	37	U	ug/Kg	13	37	1.0
Carbazole	190	U	ug/Kg	47	190	1.0
Di-n-butyl phthalate	190	U	ug/Kg	48	190	1.0
Benzidine	740	U	ug/Kg	17	740	1.0
Fluoranthene	37	U	ug/Kg	14	37	1.0
Pyrene	37	U	ug/Kg	8.7	37	1.0
Butyl benzyl phthalate	190	U	ug/Kg	52	190	1.0
Benzo[a]anthracene	12	J	ug/Kg	5.9	37	1.0
Chrysene	15	J	ug/Kg	9.5	37	1.0
3,3'-Dichlorobenzidine	190	U	ug/Kg	43	190	1.0
Bis(2-ethylhexyl) phthalate	180	J	ug/Kg	51	190	1.0
Di-n-octyl phthalate	190	U	ug/Kg	48	190	1.0
Benzo[b]fluoranthene	16	J	ug/Kg	11	37	1.0
Benzo[k]fluoranthene	13	J	ug/Kg	8.1	37	1.0
Benzo[a]pyrene	14	J	ug/Kg	8.8	37	1.0
Indeno[1,2,3-cd]pyrene	37	U	ug/Kg	20	37	1.0
Dibenz(a,h)anthracene	37	U	ug/Kg	20	37	1.0
Benzo[g,h,i]perylene	14	J	ug/Kg	6.2	37	1.0

Surrogate				Acceptance Limits
2-Fluorophenol	70		%	24 - 115
Phenol-d5	80		%	26 - 117
Nitrobenzene-d5	70		%	20 - 109
2-Fluorobiphenyl	75		%	31 - 107
2,4,6-Tribromophenol	79		%	24 - 134
Terphenyl-d14	129	X	%	45 - 123

Method: 6010B
Prep Method: 3050B

Date Analyzed: 07/16/2007 1754
Date Prepared: 07/13/2007 1030

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Job Number: 500-5211-1

Client Sample ID: VPBH-11
Lab Sample ID: 500-5211-1

Date Sampled: 07/10/2007 0840
Date Received: 07/12/2007 1000
Client Matrix: Solid
Percent Solids: 87

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Arsenic	10		mg/Kg	0.29	1.1	1.0
Barium	27		mg/Kg	0.48	1.1	1.0
Cadmium	0.16	J	mg/Kg	0.065	0.22	1.0
Selenium	0.49	J	mg/Kg	0.41	1.1	1.0
Silver	0.26	J	mg/Kg	0.11	0.54	1.0
Method: 6010B			Date Analyzed:	07/19/2007 1717		
Prep Method: 3050B			Date Prepared:	07/17/2007 1630		
Chromium	12		mg/Kg	0.12	1.1	1.0
Lead	21	B	mg/Kg	0.26	0.55	1.0
Method: 7471A			Date Analyzed:	07/13/2007 1507		
Prep Method: 7471A			Date Prepared:	07/13/2007 1130		
Mercury	0.028		mg/Kg	0.0061	0.019	1.0
Method: PercentMoisture			Date Analyzed:	07/13/2007 0016		
Percent Moisture	13		%	0.10	0.10	1.0

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Job Number: 500-5211-1

Client Sample ID: VPBH-12
Lab Sample ID: 500-5211-2

Date Sampled: 07/10/2007 1005
Date Received: 07/12/2007 1000
Client Matrix: Solid
Percent Solids: 92

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	07/18/2007 1026		
Prep Method: 5035			Date Prepared:	07/10/2007 1005		
Benzene	7.9	U	ug/Kg	1.1	7.9	1.0
1,1,2,2-Tetrachloroethane	7.9	U	ug/Kg	1.1	7.9	1.0
Vinyl chloride	7.9	U	ug/Kg	1.2	7.9	1.0
Bromomethane	7.9	U	ug/Kg	4.9	7.9	1.0
Chloroethane	7.9	U	ug/Kg	4.9	7.9	1.0
Acrolein	320	U	ug/Kg	52	320	1.0
1,1-Dichloroethene	7.9	U	ug/Kg	2.1	7.9	1.0
Carbon disulfide	7.9	U	ug/Kg	1.6	7.9	1.0
Acetone	62		ug/Kg	6.8	7.9	1.0
Methylene Chloride	7.9	U	ug/Kg	2.5	7.9	1.0
trans-1,2-Dichloroethene	7.9	U	ug/Kg	1.2	7.9	1.0
Methyl tert-butyl ether	7.9	U	ug/Kg	0.87	7.9	1.0
1,1-Dichloroethane	7.9	U	ug/Kg	0.93	7.9	1.0
Vinyl acetate	7.9	U	ug/Kg	1.2	7.9	1.0
cis-1,2-Dichloroethene	7.9	U	ug/Kg	0.89	7.9	1.0
2-Butanone (MEK)	7.9	U	ug/Kg	3.5	7.9	1.0
Chloroform	7.9	U	ug/Kg	1.1	7.9	1.0
Carbon tetrachloride	7.9	U	ug/Kg	1.2	7.9	1.0
1,2-Dichloroethane	7.9	U	ug/Kg	0.87	7.9	1.0
Trichloroethene	7.9	U	ug/Kg	1.0	7.9	1.0
1,2-Dichloropropane	7.9	U	ug/Kg	0.87	7.9	1.0
Bromodichloromethane	7.9	U	ug/Kg	0.90	7.9	1.0
cis-1,3-Dichloropropene	7.9	U	ug/Kg	0.92	7.9	1.0
4-Methyl-2-pentanone (MIBK)	7.9	U	ug/Kg	1.1	7.9	1.0
Toluene	7.9	U	ug/Kg	2.7	7.9	1.0
trans-1,3-Dichloropropene	7.9	U	ug/Kg	0.95	7.9	1.0
1,1,2-Trichloroethane	7.9	U	ug/Kg	1.3	7.9	1.0
Tetrachloroethene	7.9	U	ug/Kg	1.4	7.9	1.0
Chlorobenzene	7.9	U	ug/Kg	0.89	7.9	1.0
Ethylbenzene	7.9	U	ug/Kg	1.0	7.9	1.0
Styrene	7.9	U	ug/Kg	0.98	7.9	1.0
Bromoform	7.9	U	ug/Kg	1.2	7.9	1.0
Xylenes, Total	7.9	U	ug/Kg	2.8	7.9	1.0
n-Butyl alcohol	630	U	ug/Kg	440	630	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104	%	74 - 143
Toluene-d8 (Surr)	106	%	75 - 130
4-Bromofluorobenzene (Surr)	98	%	75 - 120

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Job Number: 500-5211-1

Client Sample ID: VPBH-12
Lab Sample ID: 500-5211-2

Date Sampled: 07/10/2007 1005
Date Received: 07/12/2007 1000
Client Matrix: Solid
Percent Solids: 92

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate					Acceptance Limits	
Dibromofluoromethane	107		%		78 - 142	
Method: 8270C			Date Analyzed:		07/23/2007 2139	
Prep Method: 3541			Date Prepared:		07/18/2007 0840	
Phenol	180	U	ug/Kg	47	180	1.0
Bis(2-chloroethyl)ether	180	U	ug/Kg	49	180	1.0
1,3-Dichlorobenzene	180	U	ug/Kg	35	180	1.0
1,4-Dichlorobenzene	180	U	ug/Kg	41	180	1.0
1,2-Dichlorobenzene	180	U	ug/Kg	38	180	1.0
Benzyl alcohol	360	U	ug/Kg	170	360	1.0
2-Methylphenol	180	U	ug/Kg	50	180	1.0
2,2'-oxybis[1-chloropropane]	180	U	ug/Kg	43	180	1.0
N-Nitrosodi-n-propylamine	180	U	ug/Kg	48	180	1.0
Hexachloroethane	180	U	ug/Kg	40	180	1.0
4-Methylphenol	180	U	ug/Kg	63	180	1.0
2-Chlorophenol	180	U	ug/Kg	47	180	1.0
Nitrobenzene	36	U	ug/Kg	9.4	36	1.0
Bis(2-chloroethoxy)methane	180	U	ug/Kg	38	180	1.0
1,2,4-Trichlorobenzene	180	U	ug/Kg	41	180	1.0
Benzoic acid	1800	U	ug/Kg	410	1800	1.0
Isophorone	180	U	ug/Kg	43	180	1.0
2,4-Dimethylphenol	360	U	ug/Kg	79	360	1.0
Hexachlorobutadiene	180	U	ug/Kg	39	180	1.0
Naphthalene	100		ug/Kg	7.0	36	1.0
2,4-Dichlorophenol	360	U	ug/Kg	79	360	1.0
4-Chloroaniline	720	U	ug/Kg	180	720	1.0
2,4,6-Trichlorophenol	360	U	ug/Kg	77	360	1.0
2,4,5-Trichlorophenol	360	U	ug/Kg	110	360	1.0
Hexachlorocyclopentadiene	720	U	ug/Kg	190	720	1.0
2-Methylnaphthalene	80	J	ug/Kg	44	180	1.0
2-Nitroaniline	180	U	ug/Kg	52	180	1.0
2-Chloronaphthalene	180	U	ug/Kg	39	180	1.0
4-Chloro-3-methylphenol	360	U	ug/Kg	110	360	1.0
2,6-Dinitrotoluene	180	U	ug/Kg	50	180	1.0
2-Nitrophenol	360	U	ug/Kg	100	360	1.0
3-Nitroaniline	360	U	ug/Kg	160	360	1.0
Dimethyl phthalate	180	U	ug/Kg	41	180	1.0
2,4-Dinitrophenol	720	U	ug/Kg	520	720	1.0
Acenaphthylene	36	U	ug/Kg	11	36	1.0
2,4-Dinitrotoluene	180	U	ug/Kg	59	180	1.0

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Job Number: 500-5211-1

Client Sample ID: VPBH-12
Lab Sample ID: 500-5211-2

Date Sampled: 07/10/2007 1005
Date Received: 07/12/2007 1000
Client Matrix: Solid
Percent Solids: 92

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Acenaphthene	290		ug/Kg	7.5	36	1.0
Dibenzofuran	130	J	ug/Kg	36	180	1.0
4-Nitrophenol	720	U	ug/Kg	120	720	1.0
Fluorene	260		ug/Kg	7.9	36	1.0
4-Nitroaniline	360	U	ug/Kg	72	360	1.0
4-Bromophenyl phenyl ether	180	U	ug/Kg	45	180	1.0
Hexachlorobenzene	72	U	ug/Kg	7.8	72	1.0
Diethyl phthalate	180	U	ug/Kg	46	180	1.0
4-Chlorophenyl phenyl ether	180	U	ug/Kg	41	180	1.0
Pentachlorophenol	720	U	ug/Kg	250	720	1.0
N-Nitrosodiphenylamine	180	U	ug/Kg	41	180	1.0
4,6-Dinitro-2-methylphenol	360	U	ug/Kg	140	360	1.0
Phenanthrene	2000		ug/Kg	11	36	1.0
Anthracene	600		ug/Kg	12	36	1.0
Carbazole	290		ug/Kg	46	180	1.0
Di-n-butyl phthalate	180	U	ug/Kg	46	180	1.0
Benzidine	720	U	ug/Kg	16	720	1.0
Butyl benzyl phthalate	180	U	ug/Kg	50	180	1.0
3,3'-Dichlorobenzidine	180	U	ug/Kg	42	180	1.0
Bis(2-ethylhexyl) phthalate	180	U	ug/Kg	50	180	1.0
Di-n-octyl phthalate	180	U	ug/Kg	47	180	1.0
Benzo[a]pyrene	2600		ug/Kg	8.5	36	1.0
Indeno[1,2,3-cd]pyrene	1700		ug/Kg	20	36	1.0
Dibenz(a,h)anthracene	630		ug/Kg	19	36	1.0
Benzo[g,h,i]perylene	2000		ug/Kg	6.1	36	1.0

Surrogate			Acceptance Limits
2-Fluorophenol	62	%	24 - 115
Phenol-d5	72	%	26 - 117
Nitrobenzene-d5	61	%	20 - 109
2-Fluorobiphenyl	72	%	31 - 107
2,4,6-Tribromophenol	78	%	24 - 134
Terphenyl-d14	132	X %	45 - 123

Method: 8270C Run Type: DL Date Analyzed: 07/25/2007 1814
Prep Method: 3541 Date Prepared: 07/18/2007 0840

Fluoranthene	5200		ug/Kg	69	180	5.0
Pyrene	5000		ug/Kg	42	180	5.0
Benzo[a]anthracene	3600		ug/Kg	29	180	5.0
Chrysene	3800		ug/Kg	46	180	5.0
Benzo[b]fluoranthene	4200		ug/Kg	53	180	5.0
Benzo[k]fluoranthene	2300		ug/Kg	39	180	5.0

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Job Number: 500-5211-1

Client Sample ID: VPBH-12
Lab Sample ID: 500-5211-2

Date Sampled: 07/10/2007 1005
Date Received: 07/12/2007 1000
Client Matrix: Solid
Percent Solids: 92

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate					Acceptance Limits	
2-Fluorophenol	71		%		24 - 115	
Phenol-d5	68		%		26 - 117	
Nitrobenzene-d5	61		%		20 - 109	
2-Fluorobiphenyl	86		%		31 - 107	
2,4,6-Tribromophenol	76		%		24 - 134	
Terphenyl-d14	105		%		45 - 123	
Method: 6010B			Date Analyzed:		07/16/2007 1817	
Prep Method: 3050B			Date Prepared:		07/13/2007 1030	
Arsenic	6.8		mg/Kg	0.28	1.1	1.0
Barium	34		mg/Kg	0.46	1.1	1.0
Cadmium	0.28		mg/Kg	0.063	0.21	1.0
Chromium	9.7	B	mg/Kg	0.12	1.1	1.0
Lead	34		mg/Kg	0.25	0.53	1.0
Selenium	0.60	J	mg/Kg	0.40	1.1	1.0
Silver	0.53	U	mg/Kg	0.11	0.53	1.0
Method: 7471A			Date Analyzed:		07/13/2007 1514	
Prep Method: 7471A			Date Prepared:		07/13/2007 1130	
Mercury	0.044		mg/Kg	0.0058	0.018	1.0
Method: 9045C			Date Analyzed:		07/16/2007 0850	
pH	8.91		SU	0.200	0.200	1.0
Method: PercentMoisture			Date Analyzed:		07/13/2007 0016	
Percent Moisture	8.2		%	0.10	0.10	1.0

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Job Number: 500-5211-1

Client Sample ID: VPBH-13
Lab Sample ID: 500-5211-3

Date Sampled: 07/10/2007 1305
Date Received: 07/12/2007 1000
Client Matrix: Solid
Percent Solids: 78

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	07/18/2007 1050		
Prep Method: 5035			Date Prepared:	07/10/2007 1305		
Benzene	4.5	U	ug/Kg	0.62	4.5	1.0
1,1,2,2-Tetrachloroethane	4.5	U	ug/Kg	0.63	4.5	1.0
Vinyl chloride	4.5	U	ug/Kg	0.70	4.5	1.0
Bromomethane	4.5	U	ug/Kg	2.8	4.5	1.0
Chloroethane	4.5	U	ug/Kg	2.8	4.5	1.0
Acrolein	180	U	ug/Kg	29	180	1.0
1,1-Dichloroethene	4.5	U	ug/Kg	1.2	4.5	1.0
Carbon disulfide	4.5	U	ug/Kg	0.89	4.5	1.0
Acetone	47		ug/Kg	3.8	4.5	1.0
Methylene Chloride	4.5	U	ug/Kg	1.4	4.5	1.0
trans-1,2-Dichloroethene	4.5	U	ug/Kg	0.69	4.5	1.0
Methyl tert-butyl ether	4.5	U	ug/Kg	0.49	4.5	1.0
1,1-Dichloroethane	4.5	U	ug/Kg	0.53	4.5	1.0
Vinyl acetate	4.5	U	ug/Kg	0.71	4.5	1.0
cis-1,2-Dichloroethene	4.5	U	ug/Kg	0.50	4.5	1.0
2-Butanone (MEK)	7.5		ug/Kg	2.0	4.5	1.0
Chloroform	4.5	U	ug/Kg	0.61	4.5	1.0
Carbon tetrachloride	4.5	U	ug/Kg	0.65	4.5	1.0
1,2-Dichloroethane	4.5	U	ug/Kg	0.49	4.5	1.0
Trichloroethene	4.5	U	ug/Kg	0.59	4.5	1.0
1,2-Dichloropropane	4.5	U	ug/Kg	0.49	4.5	1.0
Bromodichloromethane	4.5	U	ug/Kg	0.51	4.5	1.0
cis-1,3-Dichloropropene	4.5	U	ug/Kg	0.52	4.5	1.0
4-Methyl-2-pentanone (MIBK)	4.5	U	ug/Kg	0.64	4.5	1.0
Toluene	4.5	U	ug/Kg	1.5	4.5	1.0
trans-1,3-Dichloropropene	4.5	U	ug/Kg	0.54	4.5	1.0
1,1,2-Trichloroethane	4.5	U	ug/Kg	0.73	4.5	1.0
Tetrachloroethene	4.5	U	ug/Kg	0.80	4.5	1.0
Chlorobenzene	4.5	U	ug/Kg	0.50	4.5	1.0
Ethylbenzene	4.5	U	ug/Kg	0.57	4.5	1.0
Styrene	4.5	U	ug/Kg	0.55	4.5	1.0
Bromoform	4.5	U	ug/Kg	0.66	4.5	1.0
Xylenes, Total	4.5	U	ug/Kg	1.6	4.5	1.0
n-Butyl alcohol	360	U	ug/Kg	250	360	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106	%	74 - 143
Toluene-d8 (Surr)	105	%	75 - 130
4-Bromofluorobenzene (Surr)	78	%	75 - 120

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Job Number: 500-5211-1

Client Sample ID: VPBH-13
Lab Sample ID: 500-5211-3

Date Sampled: 07/10/2007 1305
Date Received: 07/12/2007 1000
Client Matrix: Solid
Percent Solids: 78

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate					Acceptance Limits	
Dibromofluoromethane	108		%		78 - 142	
Method: 8270C			Date Analyzed:		07/23/2007 2200	
Prep Method: 3541			Date Prepared:		07/18/2007 0840	
Phenol	210	U	ug/Kg	54	210	1.0
Bis(2-chloroethyl)ether	210	U	ug/Kg	57	210	1.0
1,3-Dichlorobenzene	210	U	ug/Kg	40	210	1.0
1,4-Dichlorobenzene	210	U	ug/Kg	48	210	1.0
1,2-Dichlorobenzene	210	U	ug/Kg	43	210	1.0
Benzyl alcohol	410	U	ug/Kg	200	410	1.0
2-Methylphenol	210	U	ug/Kg	57	210	1.0
2,2'-oxybis[1-chloropropane]	210	U	ug/Kg	50	210	1.0
N-Nitrosodi-n-propylamine	210	U	ug/Kg	55	210	1.0
Hexachloroethane	210	U	ug/Kg	45	210	1.0
4-Methylphenol	210	U	ug/Kg	72	210	1.0
2-Chlorophenol	210	U	ug/Kg	53	210	1.0
Nitrobenzene	41	U	ug/Kg	11	41	1.0
Bis(2-chloroethoxy)methane	210	U	ug/Kg	44	210	1.0
1,2,4-Trichlorobenzene	210	U	ug/Kg	47	210	1.0
Benzoic acid	2100	U	ug/Kg	470	2100	1.0
Isophorone	210	U	ug/Kg	49	210	1.0
2,4-Dimethylphenol	410	U	ug/Kg	91	410	1.0
Hexachlorobutadiene	210	U	ug/Kg	44	210	1.0
Naphthalene	64		ug/Kg	8.0	41	1.0
2,4-Dichlorophenol	410	U	ug/Kg	91	410	1.0
4-Chloroaniline	830	U	ug/Kg	200	830	1.0
2,4,6-Trichlorophenol	410	U	ug/Kg	88	410	1.0
2,4,5-Trichlorophenol	410	U	ug/Kg	120	410	1.0
Hexachlorocyclopentadiene	830	U	ug/Kg	220	830	1.0
2-Methylnaphthalene	80	J	ug/Kg	50	210	1.0
2-Nitroaniline	210	U	ug/Kg	60	210	1.0
2-Chloronaphthalene	210	U	ug/Kg	45	210	1.0
4-Chloro-3-methylphenol	410	U	ug/Kg	120	410	1.0
2,6-Dinitrotoluene	210	U	ug/Kg	58	210	1.0
2-Nitrophenol	410	U	ug/Kg	110	410	1.0
3-Nitroaniline	410	U	ug/Kg	180	410	1.0
Dimethyl phthalate	210	U	ug/Kg	46	210	1.0
2,4-Dinitrophenol	830	U	ug/Kg	590	830	1.0
Acenaphthylene	41	U	ug/Kg	12	41	1.0
2,4-Dinitrotoluene	210	U	ug/Kg	68	210	1.0

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Job Number: 500-5211-1

Client Sample ID: VPBH-13
Lab Sample ID: 500-5211-3

Date Sampled: 07/10/2007 1305
Date Received: 07/12/2007 1000
Client Matrix: Solid
Percent Solids: 78

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Acenaphthene	41	U	ug/Kg	8.5	41	1.0
Dibenzofuran	210	U	ug/Kg	41	210	1.0
4-Nitrophenol	830	U	ug/Kg	140	830	1.0
Fluorene	14	J	ug/Kg	9.0	41	1.0
4-Nitroaniline	410	U	ug/Kg	82	410	1.0
4-Bromophenyl phenyl ether	210	U	ug/Kg	51	210	1.0
Hexachlorobenzene	83	U	ug/Kg	8.9	83	1.0
Diethyl phthalate	210	U	ug/Kg	53	210	1.0
4-Chlorophenyl phenyl ether	210	U	ug/Kg	47	210	1.0
Pentachlorophenol	830	U	ug/Kg	290	830	1.0
N-Nitrosodiphenylamine	210	U	ug/Kg	47	210	1.0
4,6-Dinitro-2-methylphenol	410	U	ug/Kg	160	410	1.0
Phenanthrene	150		ug/Kg	13	41	1.0
Anthracene	18	J	ug/Kg	14	41	1.0
Carbazole	210	U	ug/Kg	52	210	1.0
Di-n-butyl phthalate	210	U	ug/Kg	53	210	1.0
Benzidine	830	U	ug/Kg	18	830	1.0
Fluoranthene	62		ug/Kg	16	41	1.0
Pyrene	61		ug/Kg	9.7	41	1.0
Butyl benzyl phthalate	210	U	ug/Kg	58	210	1.0
Benzo[a]anthracene	97		ug/Kg	6.6	41	1.0
Chrysene	150		ug/Kg	11	41	1.0
3,3'-Dichlorobenzidine	210	U	ug/Kg	48	210	1.0
Bis(2-ethylhexyl) phthalate	210		ug/Kg	57	210	1.0
Di-n-octyl phthalate	210	U	ug/Kg	54	210	1.0
Benzo[b]fluoranthene	150		ug/Kg	12	41	1.0
Benzo[k]fluoranthene	62		ug/Kg	9.0	41	1.0
Benzo[a]pyrene	78		ug/Kg	9.8	41	1.0
Indeno[1,2,3-cd]pyrene	47		ug/Kg	22	41	1.0
Dibenz(a,h)anthracene	29	J	ug/Kg	22	41	1.0
Benzo[g,h,i]perylene	59		ug/Kg	6.9	41	1.0

Surrogate			Acceptance Limits
2-Fluorophenol	64	%	24 - 115
Phenol-d5	69	%	26 - 117
Nitrobenzene-d5	59	%	20 - 109
2-Fluorobiphenyl	69	%	31 - 107
2,4,6-Tribromophenol	75	%	24 - 134
Terphenyl-d14	107	%	45 - 123

Method: 6010B
Prep Method: 3050B

Date Analyzed: 07/16/2007 1822
Date Prepared: 07/13/2007 1030

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Job Number: 500-5211-1

Client Sample ID: VPBH-13
Lab Sample ID: 500-5211-3

Date Sampled: 07/10/2007 1305
Date Received: 07/12/2007 1000
Client Matrix: Solid
Percent Solids: 78

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Arsenic	2.3		mg/Kg	0.29	1.1	1.0
Barium	52		mg/Kg	0.47	1.1	1.0
Cadmium	0.21	U	mg/Kg	0.064	0.21	1.0
Chromium	7.6	B	mg/Kg	0.12	1.1	1.0
Lead	6.0		mg/Kg	0.26	0.54	1.0
Selenium	0.50	J	mg/Kg	0.41	1.1	1.0
Silver	0.54	U	mg/Kg	0.11	0.54	1.0
Method: 7471A			Date Analyzed:	07/13/2007 1516		
Prep Method: 7471A			Date Prepared:	07/13/2007 1130		
Mercury	0.021	U	mg/Kg	0.0068	0.021	1.0
Method: PercentMoisture			Date Analyzed:	07/13/2007 0016		
Percent Moisture	22		%	0.10	0.10	1.0

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Job Number: 500-5211-1

Client Sample ID: VPBH-14
Lab Sample ID: 500-5211-4

Date Sampled: 07/10/2007 1400
Date Received: 07/12/2007 1000
Client Matrix: Solid
Percent Solids: 82

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	07/18/2007 1115		
Prep Method: 5035			Date Prepared:	07/10/2007 1400		
Benzene	11	U	ug/Kg	1.5	11	1.0
1,1,2,2-Tetrachloroethane	11	U	ug/Kg	1.5	11	1.0
Vinyl chloride	11	U	ug/Kg	1.6	11	1.0
Bromomethane	11	U	ug/Kg	6.5	11	1.0
Chloroethane	11	U	ug/Kg	6.5	11	1.0
Acrolein	420	U	ug/Kg	70	420	1.0
1,1-Dichloroethene	11	U	ug/Kg	2.7	11	1.0
Carbon disulfide	11	U	ug/Kg	2.1	11	1.0
Acetone	11	U	ug/Kg	9.1	11	1.0
Methylene Chloride	11	U	ug/Kg	3.4	11	1.0
trans-1,2-Dichloroethene	11	U	ug/Kg	1.6	11	1.0
Methyl tert-butyl ether	11	U	ug/Kg	1.2	11	1.0
1,1-Dichloroethane	11	U	ug/Kg	1.2	11	1.0
Vinyl acetate	11	U	ug/Kg	1.7	11	1.0
cis-1,2-Dichloroethene	11	U	ug/Kg	1.2	11	1.0
2-Butanone (MEK)	11	U	ug/Kg	4.6	11	1.0
Chloroform	11	U	ug/Kg	1.4	11	1.0
Carbon tetrachloride	11	U	ug/Kg	1.5	11	1.0
1,2-Dichloroethane	11	U	ug/Kg	1.2	11	1.0
Trichloroethene	11	U	ug/Kg	1.4	11	1.0
1,2-Dichloropropane	11	U	ug/Kg	1.2	11	1.0
Bromodichloromethane	11	U	ug/Kg	1.2	11	1.0
cis-1,3-Dichloropropene	11	U	ug/Kg	1.2	11	1.0
4-Methyl-2-pentanone (MIBK)	11	U	ug/Kg	1.5	11	1.0
Toluene	11	U	ug/Kg	3.6	11	1.0
trans-1,3-Dichloropropene	11	U	ug/Kg	1.3	11	1.0
1,1,2-Trichloroethane	11	U	ug/Kg	1.7	11	1.0
Tetrachloroethene	11	U	ug/Kg	1.9	11	1.0
Chlorobenzene	11	U	ug/Kg	1.2	11	1.0
Ethylbenzene	11	U	ug/Kg	1.4	11	1.0
Styrene	11	U	ug/Kg	1.3	11	1.0
Bromoform	11	U	ug/Kg	1.6	11	1.0
Xylenes, Total	11	U	ug/Kg	3.8	11	1.0
n-Butyl alcohol	840	U	ug/Kg	590	840	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96	%	74 - 143
Toluene-d8 (Surr)	101	%	75 - 130
4-Bromofluorobenzene (Surr)	88	%	75 - 120

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Job Number: 500-5211-1

Client Sample ID: VPBH-14
Lab Sample ID: 500-5211-4

Date Sampled: 07/10/2007 1400
Date Received: 07/12/2007 1000
Client Matrix: Solid
Percent Solids: 82

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate					Acceptance Limits	
Dibromofluoromethane	102		%		78 - 142	
Method: 8270C			Date Analyzed:		07/23/2007 2222	
Prep Method: 3541			Date Prepared:		07/18/2007 0840	
Phenol	1000	U	ug/Kg	260	1000	5.0
Bis(2-chloroethyl)ether	1000	U	ug/Kg	270	1000	5.0
1,3-Dichlorobenzene	1000	U	ug/Kg	190	1000	5.0
1,4-Dichlorobenzene	1000	U	ug/Kg	230	1000	5.0
1,2-Dichlorobenzene	1000	U	ug/Kg	210	1000	5.0
Benzyl alcohol	2000	U	ug/Kg	950	2000	5.0
2-Methylphenol	1000	U	ug/Kg	280	1000	5.0
2,2'-oxybis[1-chloropropane]	1000	U	ug/Kg	240	1000	5.0
N-Nitrosodi-n-propylamine	1000	U	ug/Kg	260	1000	5.0
Hexachloroethane	1000	U	ug/Kg	220	1000	5.0
4-Methylphenol	1000	U	ug/Kg	350	1000	5.0
2-Chlorophenol	1000	U	ug/Kg	260	1000	5.0
Nitrobenzene	200	U	ug/Kg	52	200	5.0
Bis(2-chloroethoxy)methane	1000	U	ug/Kg	210	1000	5.0
1,2,4-Trichlorobenzene	1000	U	ug/Kg	230	1000	5.0
Benzoic acid	10000	U	ug/Kg	2300	10000	5.0
Isophorone	1000	U	ug/Kg	240	1000	5.0
2,4-Dimethylphenol	2000	U	ug/Kg	440	2000	5.0
Hexachlorobutadiene	1000	U	ug/Kg	210	1000	5.0
Naphthalene	990		ug/Kg	39	200	5.0
2,4-Dichlorophenol	2000	U	ug/Kg	440	2000	5.0
4-Chloroaniline	4000	U	ug/Kg	970	4000	5.0
2,4,6-Trichlorophenol	2000	U	ug/Kg	420	2000	5.0
2,4,5-Trichlorophenol	2000	U	ug/Kg	590	2000	5.0
Hexachlorocyclopentadiene	4000	U	ug/Kg	1100	4000	5.0
2-Methylnaphthalene	1500		ug/Kg	240	1000	5.0
2-Nitroaniline	1000	U	ug/Kg	290	1000	5.0
2-Chloronaphthalene	1000	U	ug/Kg	220	1000	5.0
4-Chloro-3-methylphenol	2000	U	ug/Kg	590	2000	5.0
2,6-Dinitrotoluene	1000	U	ug/Kg	280	1000	5.0
2-Nitrophenol	2000	U	ug/Kg	550	2000	5.0
3-Nitroaniline	2000	U	ug/Kg	860	2000	5.0
Dimethyl phthalate	1000	U	ug/Kg	220	1000	5.0
2,4-Dinitrophenol	4000	U	ug/Kg	2800	4000	5.0
Acenaphthylene	220		ug/Kg	60	200	5.0
2,4-Dinitrotoluene	1000	U	ug/Kg	330	1000	5.0

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Job Number: 500-5211-1

Client Sample ID: VPBH-14
Lab Sample ID: 500-5211-4

Date Sampled: 07/10/2007 1400
Date Received: 07/12/2007 1000
Client Matrix: Solid
Percent Solids: 82

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Acenaphthene	100	J	ug/Kg	41	200	5.0
Dibenzofuran	550	J	ug/Kg	200	1000	5.0
4-Nitrophenol	4000	U	ug/Kg	690	4000	5.0
Fluorene	200	U	ug/Kg	44	200	5.0
4-Nitroaniline	2000	U	ug/Kg	400	2000	5.0
4-Bromophenyl phenyl ether	1000	U	ug/Kg	250	1000	5.0
Hexachlorobenzene	400	U	ug/Kg	43	400	5.0
Diethyl phthalate	1000	U	ug/Kg	260	1000	5.0
4-Chlorophenyl phenyl ether	1000	U	ug/Kg	230	1000	5.0
Pentachlorophenol	4000	U	ug/Kg	1400	4000	5.0
N-Nitrosodiphenylamine	1000	U	ug/Kg	230	1000	5.0
4,6-Dinitro-2-methylphenol	2000	U	ug/Kg	780	2000	5.0
Phenanthrene	2300		ug/Kg	62	200	5.0
Anthracene	390		ug/Kg	69	200	5.0
Carbazole	1000	U	ug/Kg	250	1000	5.0
Di-n-butyl phthalate	1000	U	ug/Kg	260	1000	5.0
Benzidine	4000	U	ug/Kg	89	4000	5.0
Fluoranthene	1800		ug/Kg	76	200	5.0
Pyrene	2400		ug/Kg	46	200	5.0
Butyl benzyl phthalate	1000	U	ug/Kg	280	1000	5.0
Benzo[a]anthracene	1200		ug/Kg	32	200	5.0
Chrysene	1500		ug/Kg	51	200	5.0
3,3'-Dichlorobenzidine	1000	U	ug/Kg	230	1000	5.0
Bis(2-ethylhexyl) phthalate	1000	U	ug/Kg	270	1000	5.0
Di-n-octyl phthalate	1000	U	ug/Kg	260	1000	5.0
Benzo[b]fluoranthene	1800		ug/Kg	58	200	5.0
Benzo[k]fluoranthene	830		ug/Kg	44	200	5.0
Benzo[a]pyrene	1100		ug/Kg	47	200	5.0
Indeno[1,2,3-cd]pyrene	750		ug/Kg	110	200	5.0
Dibenz(a,h)anthracene	290		ug/Kg	110	200	5.0
Benzo[g,h,i]perylene	900		ug/Kg	33	200	5.0

Surrogate			Acceptance Limits
2-Fluorophenol	66	%	24 - 115
Phenol-d5	73	%	26 - 117
Nitrobenzene-d5	64	%	20 - 109
2-Fluorobiphenyl	76	%	31 - 107
2,4,6-Tribromophenol	80	%	24 - 134
Terphenyl-d14	121	%	45 - 123

Method: 6010B
Prep Method: 3050B

Date Analyzed: 07/19/2007 1749
Date Prepared: 07/17/2007 1630

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Job Number: 500-5211-1

Client Sample ID: VPBH-14
Lab Sample ID: 500-5211-4

Date Sampled: 07/10/2007 1400
Date Received: 07/12/2007 1000
Client Matrix: Solid
Percent Solids: 82

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Arsenic	41		mg/Kg	0.28	1.0	1.0
Barium	43		mg/Kg	0.45	1.0	1.0
Cadmium	0.99		mg/Kg	0.061	0.20	1.0
Chromium	18		mg/Kg	0.11	1.0	1.0
Lead	120	B	mg/Kg	0.25	0.51	1.0
Selenium	0.73	J	mg/Kg	0.39	1.0	1.0
Silver	0.37	J	mg/Kg	0.10	0.51	1.0
Method: 7471A			Date Analyzed:	07/20/2007 1504		
Prep Method: 7471A			Date Prepared:	07/20/2007 1000		
Mercury	0.18		mg/Kg	0.0064	0.020	1.0
Method: PercentMoisture			Date Analyzed:	07/15/2007 1459		
Percent Moisture	18		%	0.10	0.10	1.0

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Job Number: 500-5211-1

Client Sample ID: PHYS-1
Lab Sample ID: 500-5211-5

Date Sampled: 07/10/2007 1005
Date Received: 07/12/2007 1000
Client Matrix: Solid

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: PercentMoisture		Date Analyzed:	07/19/2007 1249		
Percent Moisture	8.7	%	0.010	0.010	1.0

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Job Number: 500-5211-1

Client Sample ID: PHYS-2
Lab Sample ID: 500-5211-6

Date Sampled: 07/10/2007 1020
Date Received: 07/12/2007 1000
Client Matrix: Solid
Percent Solids: 23

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	07/18/2007 1749		
Prep Method: 5035			Date Prepared:	07/10/2007 1020		
Benzene	37	U	ug/Kg	5.1	37	1.0
1,1,2,2-Tetrachloroethane	37	U	ug/Kg	5.2	37	1.0
Vinyl chloride	26	J	ug/Kg	5.7	37	1.0
Bromomethane	37	U	ug/Kg	23	37	1.0
Chloroethane	37	U	ug/Kg	23	37	1.0
Acrolein	1500	U	ug/Kg	240	1500	1.0
1,1-Dichloroethene	37	U	ug/Kg	9.6	37	1.0
Carbon disulfide	170		ug/Kg	7.4	37	1.0
Acetone	4800	E	ug/Kg	32	37	1.0
Methylene Chloride	37	U	ug/Kg	12	37	1.0
trans-1,2-Dichloroethene	37	U	ug/Kg	5.7	37	1.0
Methyl tert-butyl ether	37	U	ug/Kg	4.0	37	1.0
1,1-Dichloroethane	37	U	ug/Kg	4.3	37	1.0
Vinyl acetate	37	U	ug/Kg	5.8	37	1.0
cis-1,2-Dichloroethene	37	U	ug/Kg	4.1	37	1.0
2-Butanone (MEK)	520		ug/Kg	16	37	1.0
Chloroform	37	U	ug/Kg	5.0	37	1.0
Carbon tetrachloride	37	U	ug/Kg	5.4	37	1.0
1,2-Dichloroethane	37	U	ug/Kg	4.0	37	1.0
Trichloroethene	37	U	ug/Kg	4.9	37	1.0
1,2-Dichloropropane	37	U	ug/Kg	4.0	37	1.0
Bromodichloromethane	37	U	ug/Kg	4.2	37	1.0
cis-1,3-Dichloropropene	37	U	ug/Kg	4.3	37	1.0
4-Methyl-2-pentanone (MIBK)	37	U	ug/Kg	5.3	37	1.0
Toluene	37	U	ug/Kg	13	37	1.0
trans-1,3-Dichloropropene	37	U	ug/Kg	4.4	37	1.0
1,1,2-Trichloroethane	37	U	ug/Kg	6.0	37	1.0
Tetrachloroethene	37	U	ug/Kg	6.6	37	1.0
Chlorobenzene	37	U	ug/Kg	4.1	37	1.0
Ethylbenzene	37	U	ug/Kg	4.7	37	1.0
Styrene	37	U	ug/Kg	4.6	37	1.0
Bromoform	37	U	ug/Kg	5.4	37	1.0
Xylenes, Total	37	U	ug/Kg	13	37	1.0
n-Butyl alcohol	2900	U	ug/Kg	2100	2900	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	108	%	74 - 143
Toluene-d8 (Surr)	99	%	75 - 130
4-Bromofluorobenzene (Surr)	80	%	75 - 120

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Job Number: 500-5211-1

Client Sample ID: PHYS-2
Lab Sample ID: 500-5211-6

Date Sampled: 07/10/2007 1020
Date Received: 07/12/2007 1000
Client Matrix: Solid
Percent Solids: 23

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate					Acceptance Limits	
Dibromofluoromethane	108		%		78 - 142	
Method: 8270C			Date Analyzed:		07/25/2007 1836	
Prep Method: 3541			Date Prepared:		07/18/2007 0840	
Phenol	730	U	ug/Kg	190	730	1.0
Bis(2-chloroethyl)ether	730	U	ug/Kg	200	730	1.0
1,3-Dichlorobenzene	730	U	ug/Kg	140	730	1.0
1,4-Dichlorobenzene	730	U	ug/Kg	170	730	1.0
1,2-Dichlorobenzene	730	U	ug/Kg	150	730	1.0
Benzyl alcohol	1400	U	ug/Kg	700	1400	1.0
2-Methylphenol	730	U	ug/Kg	200	730	1.0
2,2'-oxybis[1-chloropropane]	730	U	ug/Kg	180	730	1.0
N-Nitrosodi-n-propylamine	730	U	ug/Kg	190	730	1.0
Hexachloroethane	730	U	ug/Kg	160	730	1.0
4-Methylphenol	730	U	ug/Kg	260	730	1.0
2-Chlorophenol	730	U	ug/Kg	190	730	1.0
Nitrobenzene	140	U	ug/Kg	38	140	1.0
Bis(2-chloroethoxy)methane	730	U	ug/Kg	150	730	1.0
1,2,4-Trichlorobenzene	730	U	ug/Kg	170	730	1.0
Benzoic acid	7300	U	ug/Kg	1700	7300	1.0
Isophorone	730	U	ug/Kg	170	730	1.0
2,4-Dimethylphenol	1400	U	ug/Kg	320	1400	1.0
Hexachlorobutadiene	730	U	ug/Kg	160	730	1.0
Naphthalene	140	U	ug/Kg	28	140	1.0
2,4-Dichlorophenol	1400	U	ug/Kg	320	1400	1.0
4-Chloroaniline	2900	U	ug/Kg	710	2900	1.0
2,4,6-Trichlorophenol	1400	U	ug/Kg	310	1400	1.0
2,4,5-Trichlorophenol	1400	U	ug/Kg	430	1400	1.0
Hexachlorocyclopentadiene	2900	U	ug/Kg	780	2900	1.0
2-Methylnaphthalene	730	U	ug/Kg	180	730	1.0
2-Nitroaniline	730	U	ug/Kg	210	730	1.0
2-Chloronaphthalene	730	U	ug/Kg	160	730	1.0
4-Chloro-3-methylphenol	1400	U	ug/Kg	430	1400	1.0
2,6-Dinitrotoluene	730	U	ug/Kg	200	730	1.0
2-Nitrophenol	1400	U	ug/Kg	400	1400	1.0
3-Nitroaniline	1400	U	ug/Kg	630	1400	1.0
Dimethyl phthalate	730	U	ug/Kg	160	730	1.0
2,4-Dinitrophenol	2900	U	ug/Kg	2100	2900	1.0
Acenaphthylene	140	U	ug/Kg	44	140	1.0
2,4-Dinitrotoluene	730	U	ug/Kg	240	730	1.0

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Job Number: 500-5211-1

Client Sample ID: PHYS-2
Lab Sample ID: 500-5211-6

Date Sampled: 07/10/2007 1020
Date Received: 07/12/2007 1000
Client Matrix: Solid
Percent Solids: 23

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Acenaphthene	140	U	ug/Kg	30	140	1.0
Dibenzofuran	730	U	ug/Kg	150	730	1.0
4-Nitrophenol	2900	U	ug/Kg	500	2900	1.0
Fluorene	140	U	ug/Kg	32	140	1.0
4-Nitroaniline	1400	U	ug/Kg	290	1400	1.0
4-Bromophenyl phenyl ether	730	U	ug/Kg	180	730	1.0
Hexachlorobenzene	290	U	ug/Kg	31	290	1.0
Diethyl phthalate	730	U	ug/Kg	190	730	1.0
4-Chlorophenyl phenyl ether	730	U	ug/Kg	170	730	1.0
Pentachlorophenol	2900	U	ug/Kg	1000	2900	1.0
N-Nitrosodiphenylamine	730	U	ug/Kg	170	730	1.0
4,6-Dinitro-2-methylphenol	1400	U	ug/Kg	570	1400	1.0
Phenanthrene	140	U	ug/Kg	45	140	1.0
Anthracene	140	U	ug/Kg	50	140	1.0
Carbazole	730	U	ug/Kg	180	730	1.0
Di-n-butyl phthalate	730	U	ug/Kg	190	730	1.0
Benzidine	2900	U	ug/Kg	65	2900	1.0
Fluoranthene	140	U	ug/Kg	56	140	1.0
Pyrene	140	U	ug/Kg	34	140	1.0
Butyl benzyl phthalate	730	U	ug/Kg	200	730	1.0
Benzo[a]anthracene	140	U	ug/Kg	23	140	1.0
Chrysene	140	U	ug/Kg	38	140	1.0
3,3'-Dichlorobenzidine	730	U	ug/Kg	170	730	1.0
Bis(2-ethylhexyl) phthalate	320	J	ug/Kg	200	730	1.0
Di-n-octyl phthalate	730	U	ug/Kg	190	730	1.0
Benzo[b]fluoranthene	140	U	ug/Kg	43	140	1.0
Benzo[k]fluoranthene	140	U	ug/Kg	32	140	1.0
Benzo[a]pyrene	140	U	ug/Kg	35	140	1.0
Indeno[1,2,3-cd]pyrene	140	U	ug/Kg	79	140	1.0
Dibenz(a,h)anthracene	140	U	ug/Kg	77	140	1.0
Benzo[g,h,i]perylene	140	U	ug/Kg	24	140	1.0

Surrogate				Acceptance Limits
2-Fluorophenol	27		%	24 - 115
Phenol-d5	27		%	26 - 117
Nitrobenzene-d5	24		%	20 - 109
2-Fluorobiphenyl	31		%	31 - 107
2,4,6-Tribromophenol	36		%	24 - 134
Terphenyl-d14	41	X	%	45 - 123

Method: 9045C Date Analyzed: 07/13/2007 1500

pH	7.21		SU	0.200	0.200	1.0

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Job Number: 500-5211-1

Client Sample ID: PHYS-2
Lab Sample ID: 500-5211-6

Date Sampled: 07/10/2007 1020
Date Received: 07/12/2007 1000
Client Matrix: Solid

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: PercentMoisture		Date Analyzed:	07/13/2007 0016		
Percent Moisture	77	%	0.10	0.10	1.0

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Job Number: 500-5211-1

Client Sample ID: PHYS-3
Lab Sample ID: 500-5211-7

Date Sampled: 07/10/2007 1030
Date Received: 07/12/2007 1000
Client Matrix: Solid
Percent Solids: 64

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	07/18/2007 1229		
Prep Method: 5035			Date Prepared:	07/10/2007 1030		
Benzene	8.3	U	ug/Kg	1.1	8.3	1.0
1,1,2,2-Tetrachloroethane	8.3	U	ug/Kg	1.2	8.3	1.0
Vinyl chloride	8.3	U	ug/Kg	1.3	8.3	1.0
Bromomethane	8.3	U	ug/Kg	5.1	8.3	1.0
Chloroethane	8.3	U	ug/Kg	5.1	8.3	1.0
Acrolein	330	U	ug/Kg	55	330	1.0
1,1-Dichloroethene	8.3	U	ug/Kg	2.2	8.3	1.0
Carbon disulfide	8.3	U	ug/Kg	1.7	8.3	1.0
Acetone	130		ug/Kg	7.1	8.3	1.0
Methylene Chloride	8.3	U	ug/Kg	2.6	8.3	1.0
trans-1,2-Dichloroethene	8.3	U	ug/Kg	1.3	8.3	1.0
Methyl tert-butyl ether	8.3	U	ug/Kg	0.91	8.3	1.0
1,1-Dichloroethane	8.3	U	ug/Kg	0.98	8.3	1.0
Vinyl acetate	8.3	U	ug/Kg	1.3	8.3	1.0
cis-1,2-Dichloroethene	8.3	U	ug/Kg	0.93	8.3	1.0
2-Butanone (MEK)	24		ug/Kg	3.6	8.3	1.0
Chloroform	8.3	U	ug/Kg	1.1	8.3	1.0
Carbon tetrachloride	8.3	U	ug/Kg	1.2	8.3	1.0
1,2-Dichloroethane	8.3	U	ug/Kg	0.91	8.3	1.0
Trichloroethene	8.3	U	ug/Kg	1.1	8.3	1.0
1,2-Dichloropropane	8.3	U	ug/Kg	0.91	8.3	1.0
Bromodichloromethane	8.3	U	ug/Kg	0.94	8.3	1.0
cis-1,3-Dichloropropene	8.3	U	ug/Kg	0.96	8.3	1.0
4-Methyl-2-pentanone (MIBK)	8.3	U	ug/Kg	1.2	8.3	1.0
Toluene	8.3	U	ug/Kg	2.8	8.3	1.0
trans-1,3-Dichloropropene	8.3	U	ug/Kg	0.99	8.3	1.0
1,1,2-Trichloroethane	8.3	U	ug/Kg	1.4	8.3	1.0
Tetrachloroethene	8.3	U	ug/Kg	1.5	8.3	1.0
Chlorobenzene	8.3	U	ug/Kg	0.93	8.3	1.0
Ethylbenzene	8.3	U	ug/Kg	1.1	8.3	1.0
Styrene	8.3	U	ug/Kg	1.0	8.3	1.0
Bromoform	8.3	U	ug/Kg	1.2	8.3	1.0
Xylenes, Total	8.3	U	ug/Kg	3.0	8.3	1.0
n-Butyl alcohol	660	U	ug/Kg	460	660	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102	%	74 - 143
Toluene-d8 (Surr)	107	%	75 - 130
4-Bromofluorobenzene (Surr)	92	%	75 - 120

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Job Number: 500-5211-1

Client Sample ID: PHYS-3
Lab Sample ID: 500-5211-7

Date Sampled: 07/10/2007 1030
Date Received: 07/12/2007 1000
Client Matrix: Solid
Percent Solids: 64

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate					Acceptance Limits	
Dibromofluoromethane	106		%		78 - 142	
Method: 8270C			Date Analyzed:		07/26/2007 1312	
Prep Method: 3541			Date Prepared:		07/18/2007 0840	
Phenol	250	U	ug/Kg	64	250	1.0
Bis(2-chloroethyl)ether	250	U	ug/Kg	68	250	1.0
1,3-Dichlorobenzene	250	U	ug/Kg	48	250	1.0
1,4-Dichlorobenzene	250	U	ug/Kg	57	250	1.0
1,2-Dichlorobenzene	250	U	ug/Kg	52	250	1.0
Benzyl alcohol	490	U	ug/Kg	240	490	1.0
2-Methylphenol	250	U	ug/Kg	69	250	1.0
2,2'-oxybis[1-chloropropane]	250	U	ug/Kg	59	250	1.0
N-Nitrosodi-n-propylamine	250	U	ug/Kg	66	250	1.0
Hexachloroethane	250	U	ug/Kg	54	250	1.0
4-Methylphenol	250	U	ug/Kg	87	250	1.0
2-Chlorophenol	250	U	ug/Kg	64	250	1.0
Nitrobenzene	49	U	ug/Kg	13	49	1.0
Bis(2-chloroethoxy)methane	250	U	ug/Kg	52	250	1.0
1,2,4-Trichlorobenzene	250	U	ug/Kg	56	250	1.0
Benzoic acid	2500	U	ug/Kg	560	2500	1.0
Isophorone	250	U	ug/Kg	59	250	1.0
2,4-Dimethylphenol	490	U	ug/Kg	110	490	1.0
Hexachlorobutadiene	250	U	ug/Kg	53	250	1.0
Naphthalene	49	U	ug/Kg	9.6	49	1.0
2,4-Dichlorophenol	490	U	ug/Kg	110	490	1.0
4-Chloroaniline	990	U	ug/Kg	240	990	1.0
2,4,6-Trichlorophenol	490	U	ug/Kg	110	490	1.0
2,4,5-Trichlorophenol	490	U	ug/Kg	150	490	1.0
Hexachlorocyclopentadiene	990	U	ug/Kg	260	990	1.0
2-Methylnaphthalene	250	U	ug/Kg	60	250	1.0
2-Nitroaniline	250	U	ug/Kg	71	250	1.0
2-Chloronaphthalene	250	U	ug/Kg	54	250	1.0
4-Chloro-3-methylphenol	490	U	ug/Kg	150	490	1.0
2,6-Dinitrotoluene	250	U	ug/Kg	69	250	1.0
2-Nitrophenol	490	U	ug/Kg	140	490	1.0
3-Nitroaniline	490	U	ug/Kg	210	490	1.0
Dimethyl phthalate	250	U	ug/Kg	55	250	1.0
2,4-Dinitrophenol	990	U	ug/Kg	710	990	1.0
Acenaphthylene	49	U	ug/Kg	15	49	1.0
2,4-Dinitrotoluene	250	U	ug/Kg	81	250	1.0

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Job Number: 500-5211-1

Client Sample ID: PHYS-3
Lab Sample ID: 500-5211-7

Date Sampled: 07/10/2007 1030
Date Received: 07/12/2007 1000
Client Matrix: Solid
Percent Solids: 64

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Acenaphthene	49	U	ug/Kg	10	49	1.0
Dibenzofuran	250	U	ug/Kg	49	250	1.0
4-Nitrophenol	990	U	ug/Kg	170	990	1.0
Fluorene	49	U	ug/Kg	11	49	1.0
4-Nitroaniline	490	U	ug/Kg	98	490	1.0
4-Bromophenyl phenyl ether	250	U	ug/Kg	61	250	1.0
Hexachlorobenzene	99	U	ug/Kg	11	99	1.0
Diethyl phthalate	250	U	ug/Kg	63	250	1.0
4-Chlorophenyl phenyl ether	250	U	ug/Kg	56	250	1.0
Pentachlorophenol	990	U	ug/Kg	340	990	1.0
N-Nitrosodiphenylamine	250	U	ug/Kg	56	250	1.0
4,6-Dinitro-2-methylphenol	490	U	ug/Kg	190	490	1.0
Phenanthrene	49	U	ug/Kg	15	49	1.0
Anthracene	49	U	ug/Kg	17	49	1.0
Carbazole	250	U	ug/Kg	62	250	1.0
Di-n-butyl phthalate	250	U	ug/Kg	63	250	1.0
Benzidine	990	U	ug/Kg	22	990	1.0
Fluoranthene	49	U	ug/Kg	19	49	1.0
Pyrene	49	U	ug/Kg	12	49	1.0
Butyl benzyl phthalate	250	U	ug/Kg	69	250	1.0
Benzo[a]anthracene	49	U	ug/Kg	7.8	49	1.0
Chrysene	49	U	ug/Kg	13	49	1.0
3,3'-Dichlorobenzidine	250	U	ug/Kg	57	250	1.0
Bis(2-ethylhexyl) phthalate	78	J	ug/Kg	68	250	1.0
Di-n-octyl phthalate	250	U	ug/Kg	64	250	1.0
Benzo[b]fluoranthene	49	U	ug/Kg	14	49	1.0
Benzo[k]fluoranthene	49	U	ug/Kg	11	49	1.0
Benzo[a]pyrene	49	U	ug/Kg	12	49	1.0
Indeno[1,2,3-cd]pyrene	49	U	ug/Kg	27	49	1.0
Dibenz(a,h)anthracene	49	U	ug/Kg	26	49	1.0
Benzo[g,h,i]perylene	49	U	ug/Kg	8.3	49	1.0

Surrogate			Acceptance Limits
2-Fluorophenol	46	%	24 - 115
Phenol-d5	56	%	26 - 117
Nitrobenzene-d5	43	%	20 - 109
2-Fluorobiphenyl	51	%	31 - 107
2,4,6-Tribromophenol	63	%	24 - 134
Terphenyl-d14	75	%	45 - 123

Method: 9045C Date Analyzed: 07/13/2007 1515

pH	7.76	SU	0.200	0.200	1.0

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Job Number: 500-5211-1

Client Sample ID: PHYS-3
Lab Sample ID: 500-5211-7

Date Sampled: 07/10/2007 1030
Date Received: 07/12/2007 1000
Client Matrix: Solid

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: PercentMoisture		Date Analyzed:		07/13/2007 0016	
Percent Moisture	36	%	0.10	0.10	1.0

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Job Number: 500-5211-1

Client Sample ID: VPBH-09
Lab Sample ID: 500-5211-8

Date Sampled: 07/09/2007 1230
Date Received: 07/12/2007 1000
Client Matrix: Solid
Percent Solids: 89

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	07/18/2007 1813		
Prep Method: 5035			Date Prepared:	07/09/2007 1230		
Benzene	6.3	U	ug/Kg	0.88	6.3	1.0
1,1,2,2-Tetrachloroethane	6.3	U	ug/Kg	0.90	6.3	1.0
Vinyl chloride	6.3	U	ug/Kg	0.99	6.3	1.0
Bromomethane	6.3	U	ug/Kg	3.9	6.3	1.0
Chloroethane	6.3	U	ug/Kg	3.9	6.3	1.0
Acrolein	250	U	ug/Kg	42	250	1.0
1,1-Dichloroethene	6.3	U	ug/Kg	1.6	6.3	1.0
Carbon disulfide	6.3	U	ug/Kg	1.3	6.3	1.0
Acetone	33		ug/Kg	5.5	6.3	1.0
Methylene Chloride	6.3	U	ug/Kg	2.0	6.3	1.0
trans-1,2-Dichloroethene	6.3	U	ug/Kg	0.98	6.3	1.0
Methyl tert-butyl ether	6.3	U	ug/Kg	0.70	6.3	1.0
1,1-Dichloroethane	6.3	U	ug/Kg	0.75	6.3	1.0
Vinyl acetate	6.3	U	ug/Kg	1.0	6.3	1.0
cis-1,2-Dichloroethene	6.3	U	ug/Kg	0.71	6.3	1.0
2-Butanone (MEK)	6.3	U	ug/Kg	2.8	6.3	1.0
Chloroform	6.3	U	ug/Kg	0.86	6.3	1.0
Carbon tetrachloride	6.3	U	ug/Kg	0.93	6.3	1.0
1,2-Dichloroethane	6.3	U	ug/Kg	0.70	6.3	1.0
Trichloroethene	6.3	U	ug/Kg	0.84	6.3	1.0
1,2-Dichloropropane	6.3	U	ug/Kg	0.70	6.3	1.0
Bromodichloromethane	6.3	U	ug/Kg	0.72	6.3	1.0
cis-1,3-Dichloropropene	6.3	U	ug/Kg	0.74	6.3	1.0
4-Methyl-2-pentanone (MIBK)	6.3	U	ug/Kg	0.91	6.3	1.0
Toluene	6.3	U	ug/Kg	2.2	6.3	1.0
trans-1,3-Dichloropropene	6.3	U	ug/Kg	0.76	6.3	1.0
1,1,2-Trichloroethane	6.3	U	ug/Kg	1.0	6.3	1.0
Tetrachloroethene	6.3	U	ug/Kg	1.1	6.3	1.0
Chlorobenzene	6.3	U	ug/Kg	0.71	6.3	1.0
Ethylbenzene	6.3	U	ug/Kg	0.81	6.3	1.0
Styrene	6.3	U	ug/Kg	0.79	6.3	1.0
Bromoform	6.3	U	ug/Kg	0.94	6.3	1.0
Xylenes, Total	6.3	U	ug/Kg	2.3	6.3	1.0
n-Butyl alcohol	510	U	ug/Kg	360	510	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	124	%	74 - 143
Toluene-d8 (Surr)	109	%	75 - 130
4-Bromofluorobenzene (Surr)	85	%	75 - 120

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Job Number: 500-5211-1

Client Sample ID: VPBH-09
Lab Sample ID: 500-5211-8

Date Sampled: 07/09/2007 1230
Date Received: 07/12/2007 1000
Client Matrix: Solid
Percent Solids: 89

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate					Acceptance Limits	
Dibromofluoromethane	119		%		78 - 142	
Method: 8270C			Date Analyzed:		07/26/2007 1419	
Prep Method: 3541			Date Prepared:		07/18/2007 0840	
Phenol	720	U	ug/Kg	190	720	1.0
Bis(2-chloroethyl)ether	720	U	ug/Kg	200	720	1.0
1,3-Dichlorobenzene	720	U	ug/Kg	140	720	1.0
1,4-Dichlorobenzene	720	U	ug/Kg	170	720	1.0
1,2-Dichlorobenzene	720	U	ug/Kg	150	720	1.0
Benzyl alcohol	1400	U	ug/Kg	690	1400	1.0
2-Methylphenol	720	U	ug/Kg	200	720	1.0
2,2'-oxybis[1-chloropropane]	720	U	ug/Kg	170	720	1.0
N-Nitrosodi-n-propylamine	720	U	ug/Kg	190	720	1.0
Hexachloroethane	720	U	ug/Kg	160	720	1.0
4-Methylphenol	720	U	ug/Kg	250	720	1.0
2-Chlorophenol	720	U	ug/Kg	190	720	1.0
Nitrobenzene	140	U	ug/Kg	38	140	1.0
Bis(2-chloroethoxy)methane	720	U	ug/Kg	150	720	1.0
1,2,4-Trichlorobenzene	720	U	ug/Kg	160	720	1.0
Benzoic acid	7200	U	ug/Kg	1700	7200	1.0
Isophorone	720	U	ug/Kg	170	720	1.0
2,4-Dimethylphenol	1400	U	ug/Kg	320	1400	1.0
Hexachlorobutadiene	720	U	ug/Kg	150	720	1.0
Naphthalene	98	J	ug/Kg	28	140	1.0
2,4-Dichlorophenol	1400	U	ug/Kg	320	1400	1.0
4-Chloroaniline	2900	U	ug/Kg	700	2900	1.0
2,4,6-Trichlorophenol	1400	U	ug/Kg	310	1400	1.0
2,4,5-Trichlorophenol	1400	U	ug/Kg	430	1400	1.0
Hexachlorocyclopentadiene	2900	U	ug/Kg	770	2900	1.0
2-Methylnaphthalene	300	J	ug/Kg	180	720	1.0
2-Nitroaniline	720	U	ug/Kg	210	720	1.0
2-Chloronaphthalene	720	U	ug/Kg	160	720	1.0
4-Chloro-3-methylphenol	1400	U	ug/Kg	430	1400	1.0
2,6-Dinitrotoluene	720	U	ug/Kg	200	720	1.0
2-Nitrophenol	1400	U	ug/Kg	400	1400	1.0
3-Nitroaniline	1400	U	ug/Kg	630	1400	1.0
Dimethyl phthalate	720	U	ug/Kg	160	720	1.0
2,4-Dinitrophenol	2900	U	ug/Kg	2100	2900	1.0
Acenaphthylene	140	U	ug/Kg	44	140	1.0
2,4-Dinitrotoluene	720	U	ug/Kg	240	720	1.0

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Job Number: 500-5211-1

Client Sample ID: VPBH-09
Lab Sample ID: 500-5211-8

Date Sampled: 07/09/2007 1230
Date Received: 07/12/2007 1000
Client Matrix: Solid
Percent Solids: 89

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Acenaphthene	83	J	ug/Kg	30	140	1.0
Dibenzofuran	220	J	ug/Kg	140	720	1.0
4-Nitrophenol	2900	U	ug/Kg	500	2900	1.0
Fluorene	82	J	ug/Kg	32	140	1.0
4-Nitroaniline	1400	U	ug/Kg	290	1400	1.0
4-Bromophenyl phenyl ether	720	U	ug/Kg	180	720	1.0
Hexachlorobenzene	290	U	ug/Kg	31	290	1.0
Diethyl phthalate	720	U	ug/Kg	190	720	1.0
4-Chlorophenyl phenyl ether	720	U	ug/Kg	170	720	1.0
Pentachlorophenol	2900	U	ug/Kg	1000	2900	1.0
N-Nitrosodiphenylamine	720	U	ug/Kg	170	720	1.0
4,6-Dinitro-2-methylphenol	1400	U	ug/Kg	570	1400	1.0
Phenanthrene	1100		ug/Kg	45	140	1.0
Anthracene	100	J	ug/Kg	50	140	1.0
Carbazole	720	U	ug/Kg	180	720	1.0
Di-n-butyl phthalate	720	U	ug/Kg	190	720	1.0
Benzidine	2900	U	ug/Kg	65	2900	1.0
Fluoranthene	440		ug/Kg	55	140	1.0
Pyrene	890		ug/Kg	34	140	1.0
Butyl benzyl phthalate	720	U	ug/Kg	200	720	1.0
Benzo[a]anthracene	280		ug/Kg	23	140	1.0
Chrysene	350		ug/Kg	37	140	1.0
3,3'-Dichlorobenzidine	720	U	ug/Kg	170	720	1.0
Bis(2-ethylhexyl) phthalate	2400		ug/Kg	200	720	1.0
Di-n-octyl phthalate	720	U	ug/Kg	190	720	1.0
Benzo[b]fluoranthene	150		ug/Kg	42	140	1.0
Benzo[k]fluoranthene	190		ug/Kg	32	140	1.0
Benzo[a]pyrene	170		ug/Kg	34	140	1.0
Indeno[1,2,3-cd]pyrene	81	J	ug/Kg	78	140	1.0
Dibenz(a,h)anthracene	140	U	ug/Kg	77	140	1.0
Benzo[g,h,i]perylene	150		ug/Kg	24	140	1.0

Surrogate				Acceptance Limits
2-Fluorophenol	76		%	24 - 115
Phenol-d5	91		%	26 - 117
Nitrobenzene-d5	70		%	20 - 109
2-Fluorobiphenyl	92		%	31 - 107
2,4,6-Tribromophenol	91		%	24 - 134
Terphenyl-d14	148	X	%	45 - 123

Method: 6010B
Prep Method: 3050B

Date Analyzed: 07/16/2007 1846
Date Prepared: 07/13/2007 1030

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Job Number: 500-5211-1

Client Sample ID: VPBH-09
Lab Sample ID: 500-5211-8

Date Sampled: 07/09/2007 1230
Date Received: 07/12/2007 1000
Client Matrix: Solid
Percent Solids: 89

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Arsenic	7.2		mg/Kg	0.30	1.1	1.0
Barium	50		mg/Kg	0.49	1.1	1.0
Cadmium	0.62		mg/Kg	0.066	0.22	1.0
Chromium	13	B	mg/Kg	0.12	1.1	1.0
Lead	35		mg/Kg	0.27	0.55	1.0
Selenium	1.1		mg/Kg	0.42	1.1	1.0
Silver	0.24	J	mg/Kg	0.11	0.55	1.0
Method: 7471A			Date Analyzed:	07/13/2007 1518		
Prep Method: 7471A			Date Prepared:	07/13/2007 1130		
Mercury	0.020		mg/Kg	0.0059	0.019	1.0
Method: PercentMoisture			Date Analyzed:	07/13/2007 0016		
Percent Moisture	11		%	0.10	0.10	1.0

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Job Number: 500-5211-1

Client Sample ID: VPBH-09-8-10
Lab Sample ID: 500-5211-9

Date Sampled: 07/09/2007 1240
Date Received: 07/12/2007 1000
Client Matrix: Solid
Percent Solids: 69

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	07/18/2007 1838		
Prep Method: 5035			Date Prepared:	07/09/2007 1240		
Benzene	12	U	ug/Kg	1.6	12	1.0
1,1,2,2-Tetrachloroethane	12	U	ug/Kg	1.7	12	1.0
Vinyl chloride	12	U	ug/Kg	1.9	12	1.0
Bromomethane	12	U	ug/Kg	7.4	12	1.0
Chloroethane	12	U	ug/Kg	7.4	12	1.0
Acrolein	480	U	ug/Kg	79	480	1.0
1,1-Dichloroethene	12	U	ug/Kg	3.1	12	1.0
Carbon disulfide	12	U	ug/Kg	2.4	12	1.0
Acetone	72		ug/Kg	10	12	1.0
Methylene Chloride	12	U	ug/Kg	3.8	12	1.0
trans-1,2-Dichloroethene	12	U	ug/Kg	1.8	12	1.0
Methyl tert-butyl ether	12	U	ug/Kg	1.3	12	1.0
1,1-Dichloroethane	12	U	ug/Kg	1.4	12	1.0
Vinyl acetate	12	U	ug/Kg	1.9	12	1.0
cis-1,2-Dichloroethene	12	U	ug/Kg	1.3	12	1.0
2-Butanone (MEK)	8.0	J	ug/Kg	5.2	12	1.0
Chloroform	12	U	ug/Kg	1.6	12	1.0
Carbon tetrachloride	12	U	ug/Kg	1.7	12	1.0
1,2-Dichloroethane	12	U	ug/Kg	1.3	12	1.0
Trichloroethene	12	U	ug/Kg	1.6	12	1.0
1,2-Dichloropropane	12	U	ug/Kg	1.3	12	1.0
Bromodichloromethane	12	U	ug/Kg	1.4	12	1.0
cis-1,3-Dichloropropene	12	U	ug/Kg	1.4	12	1.0
4-Methyl-2-pentanone (MIBK)	12	U	ug/Kg	1.7	12	1.0
Toluene	12	U	ug/Kg	4.0	12	1.0
trans-1,3-Dichloropropene	12	U	ug/Kg	1.4	12	1.0
1,1,2-Trichloroethane	12	U	ug/Kg	2.0	12	1.0
Tetrachloroethene	12	U	ug/Kg	2.1	12	1.0
Chlorobenzene	12	U	ug/Kg	1.3	12	1.0
Ethylbenzene	12	U	ug/Kg	1.5	12	1.0
Styrene	12	U	ug/Kg	1.5	12	1.0
Bromoform	12	U	ug/Kg	1.8	12	1.0
Xylenes, Total	12	U	ug/Kg	4.3	12	1.0
n-Butyl alcohol	950	U	ug/Kg	670	950	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	120	%	74 - 143
Toluene-d8 (Surr)	114	%	75 - 130
4-Bromofluorobenzene (Surr)	101	%	75 - 120

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Job Number: 500-5211-1

Client Sample ID: VPBH-09-8-10
Lab Sample ID: 500-5211-9

Date Sampled: 07/09/2007 1240
Date Received: 07/12/2007 1000
Client Matrix: Solid
Percent Solids: 69

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate					Acceptance Limits	
Dibromofluoromethane	119		%		78 - 142	
Method: 8270C			Date Analyzed:		07/25/2007 1919	
Prep Method: 3541			Date Prepared:		07/18/2007 0840	
Phenol	230	U	ug/Kg	59	230	1.0
Bis(2-chloroethyl)ether	230	U	ug/Kg	63	230	1.0
1,3-Dichlorobenzene	230	U	ug/Kg	44	230	1.0
1,4-Dichlorobenzene	230	U	ug/Kg	52	230	1.0
1,2-Dichlorobenzene	230	U	ug/Kg	48	230	1.0
Benzyl alcohol	450	U	ug/Kg	220	450	1.0
2-Methylphenol	230	U	ug/Kg	63	230	1.0
2,2'-oxybis[1-chloropropane]	230	U	ug/Kg	55	230	1.0
N-Nitrosodi-n-propylamine	230	U	ug/Kg	61	230	1.0
Hexachloroethane	230	U	ug/Kg	50	230	1.0
4-Methylphenol	230	U	ug/Kg	80	230	1.0
2-Chlorophenol	230	U	ug/Kg	59	230	1.0
Nitrobenzene	45	U	ug/Kg	12	45	1.0
Bis(2-chloroethoxy)methane	230	U	ug/Kg	48	230	1.0
1,2,4-Trichlorobenzene	230	U	ug/Kg	52	230	1.0
Benzoic acid	2300	U	ug/Kg	520	2300	1.0
Isophorone	230	U	ug/Kg	54	230	1.0
2,4-Dimethylphenol	450	U	ug/Kg	100	450	1.0
Hexachlorobutadiene	230	U	ug/Kg	49	230	1.0
Naphthalene	45	U	ug/Kg	8.9	45	1.0
2,4-Dichlorophenol	450	U	ug/Kg	100	450	1.0
4-Chloroaniline	910	U	ug/Kg	220	910	1.0
2,4,6-Trichlorophenol	450	U	ug/Kg	97	450	1.0
2,4,5-Trichlorophenol	450	U	ug/Kg	130	450	1.0
Hexachlorocyclopentadiene	910	U	ug/Kg	240	910	1.0
2-Methylnaphthalene	230	U	ug/Kg	55	230	1.0
2-Nitroaniline	230	U	ug/Kg	66	230	1.0
2-Chloronaphthalene	230	U	ug/Kg	50	230	1.0
4-Chloro-3-methylphenol	450	U	ug/Kg	130	450	1.0
2,6-Dinitrotoluene	230	U	ug/Kg	64	230	1.0
2-Nitrophenol	450	U	ug/Kg	130	450	1.0
3-Nitroaniline	450	U	ug/Kg	200	450	1.0
Dimethyl phthalate	230	U	ug/Kg	51	230	1.0
2,4-Dinitrophenol	910	U	ug/Kg	650	910	1.0
Acenaphthylene	45	U	ug/Kg	14	45	1.0
2,4-Dinitrotoluene	230	U	ug/Kg	75	230	1.0

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Job Number: 500-5211-1

Client Sample ID: VPBH-09-8-10
Lab Sample ID: 500-5211-9

Date Sampled: 07/09/2007 1240
Date Received: 07/12/2007 1000
Client Matrix: Solid
Percent Solids: 69

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Acenaphthene	45	U	ug/Kg	9.4	45	1.0
Dibenzofuran	230	U	ug/Kg	45	230	1.0
4-Nitrophenol	910	U	ug/Kg	160	910	1.0
Fluorene	45	U	ug/Kg	10	45	1.0
4-Nitroaniline	450	U	ug/Kg	91	450	1.0
4-Bromophenyl phenyl ether	230	U	ug/Kg	56	230	1.0
Hexachlorobenzene	91	U	ug/Kg	9.8	91	1.0
Diethyl phthalate	230	U	ug/Kg	59	230	1.0
4-Chlorophenyl phenyl ether	230	U	ug/Kg	52	230	1.0
Pentachlorophenol	910	U	ug/Kg	320	910	1.0
N-Nitrosodiphenylamine	230	U	ug/Kg	52	230	1.0
4,6-Dinitro-2-methylphenol	450	U	ug/Kg	180	450	1.0
Phenanthrene	27	J	ug/Kg	14	45	1.0
Anthracene	45	U	ug/Kg	16	45	1.0
Carbazole	230	U	ug/Kg	58	230	1.0
Di-n-butyl phthalate	230	U	ug/Kg	59	230	1.0
Benzidine	910	U	ug/Kg	20	910	1.0
Fluoranthene	43	J	ug/Kg	17	45	1.0
Pyrene	65		ug/Kg	11	45	1.0
Butyl benzyl phthalate	230	U	ug/Kg	64	230	1.0
Benzo[a]anthracene	22	J	ug/Kg	7.2	45	1.0
Chrysene	63		ug/Kg	12	45	1.0
3,3'-Dichlorobenzidine	230	U	ug/Kg	53	230	1.0
Bis(2-ethylhexyl) phthalate	100	J	ug/Kg	63	230	1.0
Di-n-octyl phthalate	230	U	ug/Kg	59	230	1.0
Benzo[b]fluoranthene	38	J	ug/Kg	13	45	1.0
Benzo[k]fluoranthene	45	U	ug/Kg	10	45	1.0
Benzo[a]pyrene	45	U	ug/Kg	11	45	1.0
Indeno[1,2,3-cd]pyrene	45	U	ug/Kg	25	45	1.0
Dibenz(a,h)anthracene	45	U	ug/Kg	24	45	1.0
Benzo[g,h,i]perylene	27	J	ug/Kg	7.6	45	1.0

Surrogate			Acceptance Limits
2-Fluorophenol	48	%	24 - 115
Phenol-d5	52	%	26 - 117
Nitrobenzene-d5	44	%	20 - 109
2-Fluorobiphenyl	51	%	31 - 107
2,4,6-Tribromophenol	50	%	24 - 134
Terphenyl-d14	69	%	45 - 123

Method: 6010B
Prep Method: 3050B

Date Analyzed: 07/16/2007 1851
Date Prepared: 07/13/2007 1030

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Job Number: 500-5211-1

Client Sample ID: VPBH-09-8-10
Lab Sample ID: 500-5211-9

Date Sampled: 07/09/2007 1240
Date Received: 07/12/2007 1000
Client Matrix: Solid
Percent Solids: 69

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Arsenic	12		mg/Kg	0.33	1.2	1.0
Barium	27		mg/Kg	0.54	1.2	1.0
Cadmium	0.25		mg/Kg	0.074	0.25	1.0
Chromium	15	B	mg/Kg	0.14	1.2	1.0
Lead	33		mg/Kg	0.30	0.62	1.0
Selenium	0.66	J	mg/Kg	0.47	1.2	1.0
Silver	0.13	J	mg/Kg	0.12	0.62	1.0
Method: 7471A			Date Analyzed:	07/13/2007 1520		
Prep Method: 7471A			Date Prepared:	07/13/2007 1130		
Mercury	0.026		mg/Kg	0.0077	0.024	1.0
Method: PercentMoisture			Date Analyzed:	07/13/2007 0016		
Percent Moisture	31		%	0.10	0.10	1.0

DATA REPORTING QUALIFIERS

Client: URS Corporation Job Number: 500-5211-1

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Indicates the analyte was analyzed for but not detected.
	E	Result exceeded calibration range, secondary dilution required.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
GC/MS Semi VOA		
	U	Indicates the analyte was analyzed for but not detected.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	X	Surrogate exceeds the control limits
Metals		
	B	Compound was found in the blank and sample.
	U	Indicates the analyte was analyzed for but not detected.
	F	MS or MSD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	F	RPD of the MS and MSD exceeds the control limits

QUALITY CONTROL RESULTS

Client: URS Corporation Job Number: 500-5211-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 500-18450					
500-5211-1	VPBH-11	T	Solid	5035	
500-5211-2	VPBH-12	T	Solid	5035	
500-5211-3	VPBH-13	T	Solid	5035	
500-5211-4	VPBH-14	T	Solid	5035	
500-5211-6	PHYS-2	T	Solid	5035	
500-5211-7	PHYS-3	T	Solid	5035	
500-5211-8	VPBH-09	T	Solid	5035	
500-5211-9	VPBH-09-8-10	T	Solid	5035	
Analysis Batch:500-18822					
LCS 500-18822/5	Lab Control Spike	T	Solid	8260B	
MB 500-18822/4	Method Blank	T	Solid	8260B	
500-5211-1	VPBH-11	T	Solid	8260B	500-18450
500-5211-2	VPBH-12	T	Solid	8260B	500-18450
500-5211-3	VPBH-13	T	Solid	8260B	500-18450
500-5211-4	VPBH-14	T	Solid	8260B	500-18450
500-5211-6	PHYS-2	T	Solid	8260B	500-18450
500-5211-7	PHYS-3	T	Solid	8260B	500-18450
500-5211-8	VPBH-09	T	Solid	8260B	500-18450
500-5211-9	VPBH-09-8-10	T	Solid	8260B	500-18450

Report Basis
T = Total

Client: URS Corporation Job Number: 500-5211-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 500-18730					
LCS 500-18730/2-A	Lab Control Spike	T	Solid	3541	
MB 500-18730/1-A	Method Blank	T	Solid	3541	
500-5211-1	VPBH-11	T	Solid	3541	
500-5211-2	VPBH-12	T	Solid	3541	
500-5211-2DL	VPBH-12	T	Solid	3541	
500-5211-3	VPBH-13	T	Solid	3541	
500-5211-4	VPBH-14	T	Solid	3541	
500-5211-6	PHYS-2	T	Solid	3541	
500-5211-7	PHYS-3	T	Solid	3541	
500-5211-8	VPBH-09	T	Solid	3541	
500-5211-9	VPBH-09-8-10	T	Solid	3541	
Analysis Batch:500-19312					
LCS 500-18730/2-A	Lab Control Spike	T	Solid	8270C	500-18730
MB 500-18730/1-A	Method Blank	T	Solid	8270C	500-18730
500-5211-1	VPBH-11	T	Solid	8270C	500-18730
500-5211-2	VPBH-12	T	Solid	8270C	500-18730
500-5211-2DL	VPBH-12	T	Solid	8270C	500-18730
500-5211-3	VPBH-13	T	Solid	8270C	500-18730
500-5211-4	VPBH-14	T	Solid	8270C	500-18730
500-5211-6	PHYS-2	T	Solid	8270C	500-18730
500-5211-7	PHYS-3	T	Solid	8270C	500-18730
500-5211-8	VPBH-09	T	Solid	8270C	500-18730
500-5211-9	VPBH-09-8-10	T	Solid	8270C	500-18730

Report Basis
T = Total

Client: URS Corporation Job Number: 500-5211-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 500-18488					
LCS 500-18488/2-A	Lab Control Spike	T	Solid	3050B	
MB 500-18488/1-A	Method Blank	T	Solid	3050B	
500-5211-1	VPBH-11	T	Solid	3050B	
500-5211-1DU	Duplicate	T	Solid	3050B	
500-5211-1MS	Matrix Spike	T	Solid	3050B	
500-5211-1MSD	Matrix Spike Duplicate	T	Solid	3050B	
500-5211-2	VPBH-12	T	Solid	3050B	
500-5211-3	VPBH-13	T	Solid	3050B	
500-5211-8	VPBH-09	T	Solid	3050B	
500-5211-9	VPBH-09-8-10	T	Solid	3050B	
Analysis Batch:500-18522					
LCS 500-18523/2-A	Lab Control Spike	T	Solid	7471A	500-18523
MB 500-18523/1-A	Method Blank	T	Solid	7471A	500-18523
500-5211-1	VPBH-11	T	Solid	7471A	500-18523
500-5211-2	VPBH-12	T	Solid	7471A	500-18523
500-5211-3	VPBH-13	T	Solid	7471A	500-18523
500-5211-8	VPBH-09	T	Solid	7471A	500-18523
500-5211-9	VPBH-09-8-10	T	Solid	7471A	500-18523
Prep Batch: 500-18523					
LCS 500-18523/2-A	Lab Control Spike	T	Solid	7471A	
MB 500-18523/1-A	Method Blank	T	Solid	7471A	
500-5211-1	VPBH-11	T	Solid	7471A	
500-5211-2	VPBH-12	T	Solid	7471A	
500-5211-3	VPBH-13	T	Solid	7471A	
500-5211-8	VPBH-09	T	Solid	7471A	
500-5211-9	VPBH-09-8-10	T	Solid	7471A	
Analysis Batch:500-18630					
LCS 500-18488/2-A	Lab Control Spike	T	Solid	6010B	500-18488
MB 500-18488/1-A	Method Blank	T	Solid	6010B	500-18488
500-5211-1	VPBH-11	T	Solid	6010B	500-18488
500-5211-1DU	Duplicate	T	Solid	6010B	500-18488
500-5211-1MS	Matrix Spike	T	Solid	6010B	500-18488
500-5211-1MSD	Matrix Spike Duplicate	T	Solid	6010B	500-18488
500-5211-2	VPBH-12	T	Solid	6010B	500-18488
500-5211-3	VPBH-13	T	Solid	6010B	500-18488
500-5211-8	VPBH-09	T	Solid	6010B	500-18488
500-5211-9	VPBH-09-8-10	T	Solid	6010B	500-18488

Client: URS Corporation Job Number: 500-5211-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 500-18696					
LCS 500-18696/2-A	Lab Control Spike	T	Solid	3050B	
MB 500-18696/1-A	Method Blank	T	Solid	3050B	
500-5211-1	VPBH-11	T	Solid	3050B	
500-5211-1DU	Duplicate	T	Solid	3050B	
500-5211-1MS	Matrix Spike	T	Solid	3050B	
500-5211-1MSD	Matrix Spike Duplicate	T	Solid	3050B	
500-5211-4	VPBH-14	T	Solid	3050B	
Analysis Batch:500-18940					
LCS 500-18696/2-A	Lab Control Spike	T	Solid	6010B	500-18696
MB 500-18696/1-A	Method Blank	T	Solid	6010B	500-18696
500-5211-1	VPBH-11	T	Solid	6010B	500-18696
500-5211-1DU	Duplicate	T	Solid	6010B	500-18696
500-5211-1MS	Matrix Spike	T	Solid	6010B	500-18696
500-5211-1MSD	Matrix Spike Duplicate	T	Solid	6010B	500-18696
500-5211-4	VPBH-14	T	Solid	6010B	500-18696
Prep Batch: 500-19060					
LCS 500-19060/2-A	Lab Control Spike	T	Solid	7471A	
MB 500-19060/1-A	Method Blank	T	Solid	7471A	
500-5211-4	VPBH-14	T	Solid	7471A	
Analysis Batch:500-19065					
LCS 500-19060/2-A	Lab Control Spike	T	Solid	7471A	500-19060
MB 500-19060/1-A	Method Blank	T	Solid	7471A	500-19060
500-5211-4	VPBH-14	T	Solid	7471A	500-19060

Report Basis
T = Total

Client: URS Corporation Job Number: 500-5211-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:500-18445					
500-5211-1	VPBH-11	T	Solid	PercentMoisture	
500-5211-2	VPBH-12	T	Solid	PercentMoisture	
500-5211-3	VPBH-13	T	Solid	PercentMoisture	
500-5211-6	PHYS-2	T	Solid	PercentMoisture	
500-5211-7	PHYS-3	T	Solid	PercentMoisture	
500-5211-8	VPBH-09	T	Solid	PercentMoisture	
500-5211-9	VPBH-09-8-10	T	Solid	PercentMoisture	
Analysis Batch:500-18549					
500-5211-4	VPBH-14	T	Solid	PercentMoisture	
Analysis Batch:500-18598					
500-5211-6	PHYS-2	T	Solid	9045C	
500-5211-6DU	Duplicate	T	Solid	9045C	
500-5211-7	PHYS-3	T	Solid	9045C	
Analysis Batch:500-18602					
500-5211-2	VPBH-12	T	Solid	9045C	
Analysis Batch:680-80618					
500-5211-5	PHYS-1	T	Solid	PercentMoisture	

Report Basis
T = Total

Client: URS Corporation Job Number: 500-5211-1

Surrogate Recovery Report

8260B Volatile Organic Compounds by GC/MS

Client Matrix: Solid

Lab Sample ID	Client Sample ID	(BFB) (%Rec)	(DCE) (%Rec)	(DFM) (%Rec)	(TOL) (%Rec)
LCS 500-18822/5		103	103	108	107
MB 500-18822/4		104	109	107	110

Surrogate		Acceptance Limits
(BFB)	4-Bromofluorobenzene (Surr)	75 - 120
(DCE)	1,2-Dichloroethane-d4 (Surr)	74 - 143
(DFM)	Dibromofluoromethane	78 - 142
(TOL)	Toluene-d8 (Surr)	75 - 130

Client: URS Corporation

Job Number: 500-5211-1

Surrogate Recovery Report

8260B Volatile Organic Compounds by GC/MS

Client Matrix: Solid

Lab Sample ID	Client Sample ID	(BFB) (%Rec)	(DCE) (%Rec)	(DFM) (%Rec)	(TOL) (%Rec)
500-5211-1	VPBH-11	101	113	110	106
500-5211-2	VPBH-12	98	104	107	106
500-5211-3	VPBH-13	78	106	108	105
500-5211-4	VPBH-14	88	96	102	101
500-5211-6	PHYS-2	80	108	108	99
500-5211-7	PHYS-3	92	102	106	107
500-5211-8	VPBH-09	85	124	119	109
500-5211-9	VPBH-09-8-10	101	120	119	114

Surrogate		Acceptance Limits
(BFB)	4-Bromofluorobenzene (Surr)	75 - 120
(DCE)	1,2-Dichloroethane-d4 (Surr)	74 - 143
(DFM)	Dibromofluoromethane	78 - 142
(TOL)	Toluene-d8 (Surr)	75 - 130

Client: URS Corporation Job Number: 500-5211-1

Surrogate Recovery Report

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	(2FP) (%Rec)	(FBP) (%Rec)	(NBZ) (%Rec)	(PHL) (%Rec)	(TBP) (%Rec)	(TPH) (%Rec)
500-5211-1	VPBH-11	70	75	70	80	79	129 X
500-5211-2	VPBH-12	62	72	61	72	78	132 X
500-5211-2 DL	VPBH-12	71	86	61	68	76	105
500-5211-3	VPBH-13	64	69	59	69	75	107
500-5211-4	VPBH-14	66	76	64	73	80	121
500-5211-6	PHYS-2	27	31	24	27	36	41 X
500-5211-7	PHYS-3	46	51	43	56	63	75
500-5211-8	VPBH-09	76	92	70	91	91	148 X
500-5211-9	VPBH-09-8-10	48	51	44	52	50	69
LCS 500-18730/2-A		82	86	83	87	93	107
MB 500-18730/1-A		86	90	87	93	89	113

Surrogate		Acceptance Limits
(2FP)	2-Fluorophenol	24 - 115
(FBP)	2-Fluorobiphenyl	31 - 107
(NBZ)	Nitrobenzene-d5	20 - 109
(PHL)	Phenol-d5	26 - 117
(TBP)	2,4,6-Tribromophenol	24 - 134
(TPH)	Terphenyl-d14	45 - 123

Client: URS Corporation

Job Number: 500-5211-1

Method Blank - Batch: 500-18822

Method: 8260B
Preparation: N/A

Lab Sample ID: MB 500-18822/4
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 07/18/2007 0848
Date Prepared: N/A

Analysis Batch: 500-18822
Prep Batch: N/A
Units: ug/Kg

Instrument ID: Agilent 6890N GC - 5975N
Lab File ID: 19M0718.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Benzene	5.0	U	0.69	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.71	5.0
Vinyl chloride	5.0	U	0.78	5.0
Bromomethane	5.0	U	3.1	5.0
Chloroethane	5.0	U	3.1	5.0
Acrolein	200	U	33	200
1,1-Dichloroethene	5.0	U	1.3	5.0
Carbon disulfide	5.0	U	1.0	5.0
Acetone	5.0	U	4.3	5.0
Methylene Chloride	5.0	U	1.6	5.0
trans-1,2-Dichloroethene	5.0	U	0.77	5.0
Methyl tert-butyl ether	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	0.59	5.0
Vinyl acetate	5.0	U	0.79	5.0
cis-1,2-Dichloroethene	5.0	U	0.56	5.0
2-Butanone (MEK)	5.0	U	2.2	5.0
Chloroform	5.0	U	0.68	5.0
Carbon tetrachloride	5.0	U	0.73	5.0
1,2-Dichloroethane	5.0	U	0.55	5.0
Trichloroethene	5.0	U	0.66	5.0
1,2-Dichloropropane	5.0	U	0.55	5.0
Bromodichloromethane	5.0	U	0.57	5.0
cis-1,3-Dichloropropene	5.0	U	0.58	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.72	5.0
Toluene	5.0	U	1.7	5.0
trans-1,3-Dichloropropene	5.0	U	0.60	5.0
1,1,2-Trichloroethane	5.0	U	0.82	5.0
Tetrachloroethene	5.0	U	0.90	5.0
Chlorobenzene	5.0	U	0.56	5.0
Ethylbenzene	5.0	U	0.64	5.0
Styrene	5.0	U	0.62	5.0
Bromoform	5.0	U	0.74	5.0
Xylenes, Total	5.0	U	1.8	5.0
n-Butyl alcohol	400	U	280	400

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	109	74 - 143
Toluene-d8 (Surr)	110	75 - 130
4-Bromofluorobenzene (Surr)	104	75 - 120
Dibromofluoromethane	107	78 - 142

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: URS Corporation

Job Number: 500-5211-1

Lab Control Spike - Batch: 500-18822

Method: 8260B
Preparation: N/A

Lab Sample ID: LCS 500-18822/5
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 07/18/2007 0936
Date Prepared: N/A

Analysis Batch: 500-18822
Prep Batch: N/A
Units: ug/Kg

Instrument ID: Agilent 6890N GC - 5975N
Lab File ID: 19S0718.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,2,2-Tetrachloroethane	50.0	49.0	98	75 - 120	
Benzene	50.0	47.8	96	74 - 120	
Vinyl chloride	50.0	55.5	111	56 - 133	
Bromomethane	50.0	53.6	107	60 - 153	
Chloroethane	50.0	48.6	97	58 - 138	
1,1-Dichloroethene	50.0	46.2	92	54 - 135	
Carbon disulfide	50.0	29.2	58	37 - 133	
Acetone	50.0	37.7	75	17 - 181	
Methylene Chloride	50.0	48.9	98	67 - 120	
trans-1,2-Dichloroethene	50.0	48.0	96	65 - 120	
Methyl tert-butyl ether	50.0	54.9	110	68 - 120	
1,1-Dichloroethane	50.0	47.2	94	67 - 120	
Vinyl acetate	50.0	39.6	79	40 - 131	
cis-1,2-Dichloroethene	50.0	51.0	102	74 - 120	
2-Butanone (MEK)	50.0	39.6	79	38 - 141	
Chloroform	50.0	48.4	97	73 - 120	
Carbon tetrachloride	50.0	47.2	94	66 - 120	
1,2-Dichloroethane	50.0	47.2	94	63 - 120	
Trichloroethene	50.0	47.0	94	72 - 125	
1,2-Dichloropropane	50.0	47.0	94	71 - 120	
Bromodichloromethane	50.0	51.7	103	78 - 120	
cis-1,3-Dichloropropene	53.8	48.0	89	69 - 120	
4-Methyl-2-pentanone (MIBK)	50.0	48.2	96	61 - 120	
Toluene	50.0	47.9	96	77 - 125	
trans-1,3-Dichloropropene	48.6	42.0	86	66 - 120	
1,1,2-Trichloroethane	50.0	48.1	96	78 - 120	
Tetrachloroethene	50.0	44.0	88	72 - 120	
Chlorobenzene	50.0	46.3	93	77 - 125	
Ethylbenzene	50.0	47.9	96	79 - 120	
Styrene	50.0	49.8	100	79 - 120	
Bromoform	50.0	40.9	82	69 - 120	
Xylenes, Total	150	144	96	77 - 120	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103	74 - 143
Toluene-d8 (Surr)	107	75 - 130
4-Bromofluorobenzene (Surr)	103	75 - 120
Dibromofluoromethane	108	78 - 142

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: URS Corporation

Job Number: 500-5211-1

Method Blank - Batch: 500-18730

Method: 8270C
Preparation: 3541

Lab Sample ID: MB 500-18730/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 07/23/2007 1353
Date Prepared: 07/18/2007 0840

Analysis Batch: 500-19312
Prep Batch: 500-18730
Units: ug/Kg

Instrument ID: Agilent 6890N GC - 5973N
Lab File ID: 18730MA.D
Initial Weight/Volume: 15.000 g
Final Weight/Volume: 0.5 mL
Injection Volume:

Analyte	Result	Qual	MDL	RL
Phenol	170	U	43	170
Bis(2-chloroethyl)ether	170	U	46	170
1,3-Dichlorobenzene	170	U	32	170
1,4-Dichlorobenzene	170	U	38	170
1,2-Dichlorobenzene	170	U	35	170
Benzyl alcohol	330	U	160	330
2-Methylphenol	170	U	46	170
2,2'-oxybis[1-chloropropane]	170	U	40	170
N-Nitrosodi-n-propylamine	170	U	44	170
Hexachloroethane	170	U	37	170
4-Methylphenol	170	U	59	170
2-Chlorophenol	170	U	43	170
Nitrobenzene	33	U	8.7	33
Bis(2-chloroethoxy)methane	170	U	35	170
1,2,4-Trichlorobenzene	170	U	38	170
Benzoic acid	1700	U	380	1700
Isophorone	170	U	40	170
2,4-Dimethylphenol	330	U	74	330
Hexachlorobutadiene	170	U	36	170
Naphthalene	33	U	6.5	33
2,4-Dichlorophenol	330	U	73	330
4-Chloroaniline	670	U	160	670
2,4,6-Trichlorophenol	330	U	71	330
2,4,5-Trichlorophenol	330	U	99	330
Hexachlorocyclopentadiene	670	U	180	670
2-Methylnaphthalene	170	U	41	170
2-Nitroaniline	170	U	48	170
2-Chloronaphthalene	170	U	36	170
4-Chloro-3-methylphenol	330	U	99	330
2,6-Dinitrotoluene	170	U	47	170
2-Nitrophenol	330	U	92	330
3-Nitroaniline	330	U	150	330
Dimethyl phthalate	170	U	38	170
2,4-Dinitrophenol	670	U	480	670
Acenaphthylene	33	U	10	33
2,4-Dinitrotoluene	170	U	55	170
Acenaphthene	33	U	6.9	33
Dibenzofuran	170	U	33	170
4-Nitrophenol	670	U	120	670
Fluorene	33	U	7.3	33
4-Nitroaniline	330	U	66	330

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: URS Corporation

Job Number: 500-5211-1

Method Blank - Batch: 500-18730

Method: 8270C
Preparation: 3541

Lab Sample ID: MB 500-18730/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 07/23/2007 1353
Date Prepared: 07/18/2007 0840

Analysis Batch: 500-19312
Prep Batch: 500-18730
Units: ug/Kg

Instrument ID: Agilent 6890N GC - 5973N
Lab File ID: 18730MA.D
Initial Weight/Volume: 15.000 g
Final Weight/Volume: 0.5 mL
Injection Volume:

Analyte	Result	Qual	MDL	RL
4-Bromophenyl phenyl ether	170	U	41	170
Hexachlorobenzene	67	U	7.2	67
Diethyl phthalate	170	U	43	170
4-Chlorophenyl phenyl ether	170	U	38	170
Pentachlorophenol	670	U	230	670
N-Nitrosodiphenylamine	170	U	38	170
4,6-Dinitro-2-methylphenol	330	U	130	330
Phenanthrene	33	U	10	33
Anthracene	33	U	12	33
Carbazole	170	U	42	170
Di-n-butyl phthalate	170	U	43	170
Benzidine	670	U	15	670
Fluoranthene	33	U	13	33
Pyrene	33	U	7.8	33
Butyl benzyl phthalate	170	U	47	170
Benzo[a]anthracene	33	U	5.3	33
Chrysene	33	U	8.6	33
3,3'-Dichlorobenzidine	170	U	39	170
Bis(2-ethylhexyl) phthalate	170	U	46	170
Di-n-octyl phthalate	170	U	43	170
Benzo[b]fluoranthene	33	U	9.8	33
Benzo[k]fluoranthene	33	U	7.3	33
Benzo[a]pyrene	33	U	7.9	33
Indeno[1,2,3-cd]pyrene	33	U	18	33
Dibenz(a,h)anthracene	33	U	18	33
Benzo[g,h,i]perylene	33	U	5.6	33

Surrogate	% Rec	Acceptance Limits
2-Fluorophenol	86	24 - 115
Phenol-d5	93	26 - 117
Nitrobenzene-d5	87	20 - 109
2-Fluorobiphenyl	90	31 - 107
2,4,6-Tribromophenol	89	24 - 134
Terphenyl-d14	113	45 - 123

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: URS Corporation

Job Number: 500-5211-1

Lab Control Spike - Batch: 500-18730

Method: 8270C
Preparation: 3541

Lab Sample ID: LCS 500-18730/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 07/20/2007 1810
Date Prepared: 07/18/2007 0840

Analysis Batch: 500-19312
Prep Batch: 500-18730
Units: ug/Kg

Instrument ID: Agilent 6890N GC - 5973N
Lab File ID: 18730BS.D
Initial Weight/Volume: 15.000 g
Final Weight/Volume: 0.5 mL
Injection Volume:

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Phenol	1670	1350	81	59 - 110	
Bis(2-chloroethyl)ether	1670	1340	80	55 - 110	
1,3-Dichlorobenzene	1670	1190	71	54 - 110	
1,4-Dichlorobenzene	1670	1210	73	56 - 110	
1,2-Dichlorobenzene	1670	1250	75	58 - 110	
Benzyl alcohol	1670	1330	80	59 - 110	
2-Methylphenol	1670	1380	83	59 - 110	
2,2'-oxybis[1-chloropropane]	1670	1320	79	54 - 110	
N-Nitrosodi-n-propylamine	1670	1310	79	54 - 110	
Hexachloroethane	1670	1170	70	55 - 110	
4-Methylphenol	1670	1410	85	57 - 110	
2-Chlorophenol	1670	1360	82	63 - 110	
Nitrobenzene	1670	1310	78	58 - 110	
Bis(2-chloroethoxy)methane	1670	1360	82	62 - 110	
1,2,4-Trichlorobenzene	1670	1290	77	60 - 110	
Benzoic acid	1670	740	44	10 - 120	J
Isophorone	1670	1170	70	60 - 110	
2,4-Dimethylphenol	1670	1320	79	56 - 110	
Hexachlorobutadiene	1670	1320	79	57 - 110	
Naphthalene	1670	1290	77	60 - 110	
2,4-Dichlorophenol	1670	1370	82	61 - 110	
4-Chloroaniline	1670	1340	81	20 - 110	
2,4,6-Trichlorophenol	1670	1360	82	61 - 115	
2,4,5-Trichlorophenol	1670	1450	87	66 - 116	
Hexachlorocyclopentadiene	1670	959	58	20 - 110	
2-Methylnaphthalene	1670	1320	79	20 - 156	
2-Nitroaniline	1670	1380	83	58 - 125	
2-Chloronaphthalene	1670	1330	80	65 - 110	
4-Chloro-3-methylphenol	1670	1350	81	61 - 112	
2,6-Dinitrotoluene	1670	1510	91	66 - 117	
2-Nitrophenol	1670	1330	80	62 - 110	
3-Nitroaniline	1670	1380	83	29 - 114	
Dimethyl phthalate	1670	1390	84	67 - 110	
2,4-Dinitrophenol	1670	1040	62	10 - 132	
Acenaphthylene	1670	1350	81	64 - 110	
2,4-Dinitrotoluene	1670	1480	89	65 - 123	
Acenaphthene	1670	1290	77	63 - 110	
Dibenzofuran	1670	1340	81	64 - 110	
4-Nitrophenol	1670	1180	71	33 - 137	
Fluorene	1670	1340	80	61 - 110	
4-Nitroaniline	1670	1480	89	52 - 120	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: URS Corporation

Job Number: 500-5211-1

Lab Control Spike - Batch: 500-18730

Method: 8270C
Preparation: 3541

Lab Sample ID: LCS 500-18730/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 07/20/2007 1810
Date Prepared: 07/18/2007 0840

Analysis Batch: 500-19312
Prep Batch: 500-18730
Units: ug/Kg

Instrument ID: Agilent 6890N GC - 5973N
Lab File ID: 18730BS.D
Initial Weight/Volume: 15.000 g
Final Weight/Volume: 0.5 mL
Injection Volume:

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
4-Bromophenyl phenyl ether	1670	1380	83	64 - 115	
Hexachlorobenzene	1670	1350	81	63 - 112	
Diethyl phthalate	1670	1390	84	67 - 111	
4-Chlorophenyl phenyl ether	1670	1350	81	65 - 112	
Pentachlorophenol	1670	1230	74	20 - 121	
N-Nitrosodiphenylamine	1670	1400	84	63 - 111	
4,6-Dinitro-2-methylphenol	1670	1180	71	17 - 124	
Phenanthrene	1670	1400	84	64 - 115	
Anthracene	1670	1320	79	64 - 110	
Carbazole	1670	1330	80	67 - 114	
Di-n-butyl phthalate	1670	1410	85	69 - 113	
Benzidine	1670	1190	72	10 - 113	
Fluoranthene	1670	1340	80	66 - 111	
Pyrene	1670	1560	94	65 - 114	
Butyl benzyl phthalate	1670	1500	90	68 - 112	
Benzo[a]anthracene	1670	1500	90	62 - 117	
Chrysene	1670	1450	87	61 - 118	
3,3'-Dichlorobenzidine	1670	1390	83	32 - 110	
Bis(2-ethylhexyl) phthalate	1670	1520	91	67 - 117	
Di-n-octyl phthalate	1670	1380	83	52 - 121	
Benzo[b]fluoranthene	1670	1350	81	54 - 121	
Benzo[k]fluoranthene	1670	1300	78	41 - 121	
Benzo[a]pyrene	1670	1350	81	56 - 111	
Indeno[1,2,3-cd]pyrene	1670	1380	83	56 - 113	
Dibenz(a,h)anthracene	1670	1410	84	54 - 116	
Benzo[g,h,i]perylene	1670	1420	85	59 - 117	

Surrogate	% Rec	Acceptance Limits
2-Fluorophenol	82	24 - 115
Phenol-d5	87	26 - 117
Nitrobenzene-d5	83	20 - 109
2-Fluorobiphenyl	86	31 - 107
2,4,6-Tribromophenol	93	24 - 134
Terphenyl-d14	107	45 - 123

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: URS Corporation

Job Number: 500-5211-1

Method Blank - Batch: 500-18488

Method: 6010B
Preparation: 3050B

Lab Sample ID: MB 500-18488/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 07/16/2007 1741
Date Prepared: 07/13/2007 1030

Analysis Batch: 500-18630
Prep Batch: 500-18488
Units: mg/Kg

Instrument ID: TJA ICAP 61E Trace Analy
Lab File ID: P50716A
Initial Weight/Volume: 1.0000 g
Final Weight/Volume: 100 mL

Analyte	Result	Qual	MDL	RL
Arsenic	1.0	U	0.27	1.0
Barium	1.0	U	0.44	1.0
Cadmium	0.20	U	0.060	0.20
Chromium	0.12	J	0.11	1.0
Lead	0.50	U	0.24	0.50
Selenium	1.0	U	0.38	1.0
Silver	0.50	U	0.10	0.50

Lab Control Spike - Batch: 500-18488

Method: 6010B
Preparation: 3050B

Lab Sample ID: LCS 500-18488/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 07/16/2007 1745
Date Prepared: 07/13/2007 1030

Analysis Batch: 500-18630
Prep Batch: 500-18488
Units: mg/Kg

Instrument ID: TJA ICAP 61E Trace Analy
Lab File ID: P50716A
Initial Weight/Volume: 1.0000 g
Final Weight/Volume: 100 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Arsenic	10.0	9.24	92	80 - 120	
Barium	200	188	94	80 - 120	
Cadmium	5.00	4.70	94	80 - 120	
Chromium	20.0	19.4	97	80 - 120	
Lead	10.0	9.71	97	80 - 120	
Selenium	10.0	8.96	90	80 - 120	
Silver	5.00	4.29	86	80 - 120	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: URS Corporation

Job Number: 500-5211-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 500-18488

Method: 6010B
Preparation: 3050B

MS Lab Sample ID:	500-5211-1	Analysis Batch: 500-18630	Instrument ID: TJA ICAP 61E Trace
Client Matrix:	Solid	Prep Batch: 500-18488	Lab File ID: P50716A
Dilution:	1.0		Initial Weight/Volume: 1.1085 g
Date Analyzed:	07/16/2007 1808		Final Weight/Volume: 100 mL
Date Prepared:	07/13/2007 1030		

MSD Lab Sample ID:	500-5211-1	Analysis Batch: 500-18630	Instrument ID: TJA ICAP 61E Trace Analy
Client Matrix:	Solid	Prep Batch: 500-18488	Lab File ID: P50716A
Dilution:	1.0		Initial Weight/Volume: 1.1382 g
Date Analyzed:	07/16/2007 1813		Final Weight/Volume: 100 mL
Date Prepared:	07/13/2007 1030		

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Arsenic	93	140	75 - 125	20	20		F
Barium	87	84	75 - 125	5	20		
Cadmium	89	87	75 - 125	5	20		
Selenium	88	83	75 - 125	8	20		
Silver	80	79	75 - 125	4	20		

Duplicate - Batch: 500-18488

Method: 6010B
Preparation: 3050B

Lab Sample ID:	500-5211-1	Analysis Batch: 500-18630	Instrument ID: TJA ICAP 61E Trace Analy
Client Matrix:	Solid	Prep Batch: 500-18488	Lab File ID: P50716A
Dilution:	1.0	Units: mg/Kg	Initial Weight/Volume: 1.1031 g
Date Analyzed:	07/16/2007 1803		Final Weight/Volume: 100 mL
Date Prepared:	07/13/2007 1030		

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Arsenic	10		10.6	4	20	
Barium	27		23.9	14	20	
Cadmium	0.16	J	0.204	22	20	J
Selenium	0.49	J	0.598	20	20	J
Silver	0.26	J	-0.0136	NC	20	U

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: URS Corporation Job Number: 500-5211-1

Method Blank - Batch: 500-18696

Method: 6010B
Preparation: 3050B

Lab Sample ID: MB 500-18696/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 07/19/2007 1704
Date Prepared: 07/17/2007 1630

Analysis Batch: 500-18940
Prep Batch: 500-18696
Units: mg/Kg

Instrument ID: TJA ICAP 61E Trace Analy
Lab File ID: P40719B
Initial Weight/Volume: 1.0000 g
Final Weight/Volume: 100 mL

Analyte	Result	Qual	MDL	RL
Arsenic	1.0	U	0.27	1.0
Barium	1.0	U	0.44	1.0
Cadmium	0.20	U	0.060	0.20
Chromium	1.0	U	0.11	1.0
Lead	0.28	J	0.24	0.50
Selenium	1.0	U	0.38	1.0
Silver	0.50	U	0.10	0.50

Lab Control Spike - Batch: 500-18696

Method: 6010B
Preparation: 3050B

Lab Sample ID: LCS 500-18696/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 07/19/2007 1710
Date Prepared: 07/17/2007 1630

Analysis Batch: 500-18940
Prep Batch: 500-18696
Units: mg/Kg

Instrument ID: TJA ICAP 61E Trace Analy
Lab File ID: P40719B
Initial Weight/Volume: 1.0000 g
Final Weight/Volume: 100 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Arsenic	10.0	9.55	95	80 - 120	
Barium	200	189	94	80 - 120	
Cadmium	5.00	4.76	95	80 - 120	
Chromium	20.0	18.7	94	80 - 120	
Lead	10.0	9.80	98	80 - 120	
Selenium	10.0	9.09	91	80 - 120	
Silver	5.00	4.49	90	80 - 120	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: URS Corporation

Job Number: 500-5211-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 500-18696

Method: 6010B
Preparation: 3050B

MS Lab Sample ID:	500-5211-1	Analysis Batch: 500-18940	Instrument ID: TJA ICAP 61E Trace
Client Matrix:	Solid	Prep Batch: 500-18696	Lab File ID: P40719B
Dilution:	1.0		Initial Weight/Volume: 1.0274 g
Date Analyzed:	07/19/2007 1736		Final Weight/Volume: 100 mL
Date Prepared:	07/17/2007 1630		

MSD Lab Sample ID:	500-5211-1	Analysis Batch: 500-18940	Instrument ID: TJA ICAP 61E Trace Analy
Client Matrix:	Solid	Prep Batch: 500-18696	Lab File ID: P40719B
Dilution:	1.0		Initial Weight/Volume: 1.1227 g
Date Analyzed:	07/19/2007 1742		Final Weight/Volume: 100 mL
Date Prepared:	07/17/2007 1630		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chromium	99	85	75 - 125	15	20		
Lead	69	9	75 - 125	27	20	F	F

Duplicate - Batch: 500-18696

Method: 6010B
Preparation: 3050B

Lab Sample ID:	500-5211-1	Analysis Batch: 500-18940	Instrument ID: TJA ICAP 61E Trace Analy
Client Matrix:	Solid	Prep Batch: 500-18696	Lab File ID: P40719B
Dilution:	1.0	Units: mg/Kg	Initial Weight/Volume: 1.1485 g
Date Analyzed:	07/19/2007 1730		Final Weight/Volume: 100 mL
Date Prepared:	07/17/2007 1630		

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Chromium	12	13.3	12	20	
Lead	21	18.2	16	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: URS Corporation

Job Number: 500-5211-1

Method Blank - Batch: 500-18523

Method: 7471A
Preparation: 7471A

Lab Sample ID: MB 500-18523/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 07/13/2007 1428
Date Prepared: 07/13/2007 1130

Analysis Batch: 500-18522
Prep Batch: 500-18523
Units: mg/Kg

Instrument ID: Leeman Labs PS200 Mercu
Lab File ID: N/A
Initial Weight/Volume: 0.60 g
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Mercury	0.017	U	0.0053	0.017

Lab Control Spike - Batch: 500-18523

Method: 7471A
Preparation: 7471A

Lab Sample ID: LCS 500-18523/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 07/13/2007 1430
Date Prepared: 07/13/2007 1130

Analysis Batch: 500-18522
Prep Batch: 500-18523
Units: mg/Kg

Instrument ID: Leeman Labs PS200 Mercu
Lab File ID: N/A
Initial Weight/Volume: 0.60 g
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.167	0.170	102	80 - 120	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: URS Corporation

Job Number: 500-5211-1

Method Blank - Batch: 500-19060

Method: 7471A
Preparation: 7471A

Lab Sample ID: MB 500-19060/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 07/20/2007 1622
Date Prepared: 07/20/2007 1000

Analysis Batch: 500-19065
Prep Batch: 500-19060
Units: mg/Kg

Instrument ID: Leeman Labs PS200 Mercu
Lab File ID: N/A
Initial Weight/Volume: 0.60 g
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Mercury	0.017	U	0.0053	0.017

Lab Control Spike - Batch: 500-19060

Method: 7471A
Preparation: 7471A

Lab Sample ID: LCS 500-19060/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 07/20/2007 1624
Date Prepared: 07/20/2007 1000

Analysis Batch: 500-19065
Prep Batch: 500-19060
Units: mg/Kg

Instrument ID: Leeman Labs PS200 Mercu
Lab File ID: N/A
Initial Weight/Volume: 0.60 g
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.167	0.171	102	80 - 120	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: URS Corporation

Job Number: 500-5211-1

Duplicate - Batch: 500-18598

Method: 9045C
Preparation: N/A

Lab Sample ID: 500-5211-6
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 07/13/2007 1507
Date Prepared: N/A

Analysis Batch: 500-18598
Prep Batch: N/A
Units: SU

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: mL
Final Weight/Volume: mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
pH	7.21	7.66			

Calculations are performed before rounding to avoid round-off errors in calculated results.

8A

VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 010306

Lab File ID (Standard): 19I0709C Date Analyzed: 07/09/07

Instrument ID: MS19 Time Analyzed: 1201

Matrix:(soil/water) SOIL Level:(low/med) LOW Column:(pack/cap) CAP

		IS1 AREA #	RT	IS2(DFB) AREA #	RT	IS3(CBZ) AREA #	RT
	12 HOUR STD	485602	4.13	754498	4.74	565787	7.33
	UPPER LIMIT	971204	4.63	1508996	5.24	1131574	7.83
	LOWER LIMIT	242801	3.63	377249	4.24	282894	6.83
	EPA SAMPLE NO.						
01	MB	464329	4.13	722786	4.74	566175	7.34
02	LCS	467608	4.13	736711	4.74	554820	7.34
03	VPBH-11	459409	4.13	723580	4.74	564620	7.33
04	VPBH-12	465818	4.13	732342	4.74	557118	7.34
05	VPBH-13	437610	4.13	672827	4.74	432087	7.34
06	VPBH-14	459374	4.13	704258	4.74	510698	7.33
07	PHYS-3	468556	4.13	734121	4.74	525715	7.34
08	VPBH-09	392091	4.13	610733	4.75	364276	7.33
09	VPBH-13	399731	4.13	625924	4.74	406919	7.34
10	PHYS-2	385462	4.13	606186	4.74	394912	7.33
11	VPBH-09-8-10	384284	4.13	614645	4.74	473659	7.34
12							
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22							

IS1 = Pentafluorobenzene
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

8A

VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 010306

Lab File ID (Standard): 19I0709C Date Analyzed: 07/09/07

Instrument ID: MS19 Time Analyzed: 1201

Matrix:(soil/water) SOIL Level:(low/med) LOW Column:(pack/cap) CAP

		IS4(DCB) AREA #	RT	AREA #	RT	AREA #	RT
	12 HOUR STD	207222	9.58				
	UPPER LIMIT	414444	10.08				
	LOWER LIMIT	103611	9.08				
	EPA SAMPLE NO.						
01	MB	208337	9.58				
02	LCS	213126	9.58				
03	VPBH-11	208168	9.58				
04	VPBH-12	186149	9.58				
05	VPBH-13	89508*	9.58				
06	VPBH-14	160423	9.58				
07	PHYS-3	145798	9.58				
08	VPBH-09	72912*	9.58				
09	~~VPBH-13~~	~~86201*~~	~~9.58~~				
10	PHYS-2	97838*	9.58				
11	VPBH-09-8-10	139485	9.58				
12							
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14							
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18							
19							
20							
21							
22							

IS4 (DCB) = 1,4-Dichlorobenzene-d4

UPPER LIMIT = +100% of internal standard area.

Column used to flag internal standard area values with an asterisk.

8B

SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: STL-CHICAGO Contract:

Lab Code: 57222 Case No.: SAS No.: SDG No.: 5211

Lab File ID (Standard): 20I0710D Date Analyzed: 07/10/07

Instrument ID: MS20 Time Analyzed: 1536

		IS1(DCB) AREA #	RT	IS2(NPT) AREA #	RT	IS3(ANT) AREA #	RT
	12 HOUR STD	162632	4.68	542101	5.61	291710	6.99
	UPPER LIMIT	325264	5.18	1084202	6.11	583420	7.49
	LOWER LIMIT	81316	4.18	271051	5.11	145855	6.49
	EPA SAMPLE NO.						
01	LCS 500-1873	195977	4.50	693458	5.44	386200	6.80
02							
03							
04							
05							
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22							

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

8C

SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: STL-CHICAGO Contract:

Lab Code: 57222 Case No.: SAS No.: SDG No.: 5211

Lab File ID (Standard): 2010710D Date Analyzed: 07/10/07

Instrument ID: MS20 Time Analyzed: 1536

		IS4(PHN) AREA #	RT	IS5(CRY) AREA #	RT	IS6(PRY) AREA #	RT
	12 HOUR STD	437453	8.20	467371	10.40	463479	11.66
	UPPER LIMIT	874906	8.70	934742	10.90	926958	12.16
	LOWER LIMIT	218727	7.70	233686	9.90	231740	11.16
	EPA SAMPLE NO.						
01	LCS 500-1873	678525	8.01	662361	10.20	770664	11.38
02							
03							
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22							

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

8B

SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: STL-CHICAGO Contract:

Lab Code: 57222 Case No.: SAS No.: SDG No.: 5211

Lab File ID (Standard): 20I0710D Date Analyzed: 07/10/07

Instrument ID: MS20 Time Analyzed: 1536

		IS1(DCB) AREA #	RT	IS2(NPT) AREA #	RT	IS3(ANT) AREA #	RT
	12 HOUR STD	162632	4.68	542101	5.61	291710	6.99
	UPPER LIMIT	325264	5.18	1084202	6.11	583420	7.49
	LOWER LIMIT	81316	4.18	271051	5.11	145855	6.49
	EPA SAMPLE NO.						
01	MB 500-18730	169947	4.45	606447	5.38	349984	6.74
02	500-5211-F-1	202898	4.45	716245	5.39	407458	6.74
03	500-5211-F-2	178940	4.45	640081	5.39	350358	6.74
04	500-5211-F-3	169322	4.45	607732	5.39	329008	6.74
05	500-5211-F-4	154619	4.45	530792	5.38	285289	6.74
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IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: STL-CHICAGO Contract:

Lab Code: 57222 Case No.: SAS No.: SDG No.: 5211

Lab File ID (Standard): 20I0710D Date Analyzed: 07/10/07

Instrument ID: MS20 Time Analyzed: 1536

		IS4(PHN) AREA #	RT	IS5(CRY) AREA #	RT	IS6(PRY) AREA #	RT
	12 HOUR STD	437453	8.20	467371	10.40	463479	11.66
	UPPER LIMIT	874906	8.70	934742	10.90	926958	12.16
	LOWER LIMIT	218727	7.70	233686	9.90	231740	11.16
	EPA SAMPLE NO.						
01	MB 500-18730	614988	7.94	627921	10.13	707420	11.29
02	500-5211-F-1	713734	7.95	555621	10.13	521699	11.30
03	500-5211-F-2	608248	7.95	417016	10.15	479265	11.32
04	500-5211-F-3	570574	7.95	481062	10.14	464465	11.30
05	500-5211-F-4	504752	7.95	413910	10.14	429852	11.31
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22							

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

8B

SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: STL-CHICAGO Contract:

Lab Code: 57222 Case No.: SAS No.: SDG No.: 5211

Lab File ID (Standard): 20I0710D Date Analyzed: 07/10/07

Instrument ID: MS20 Time Analyzed: 1536

	IS1(DCB) AREA #	RT	IS2(NPT) AREA #	RT	IS3(ANT) AREA #	RT
	12 HOUR STD	162632	4.68	542101	5.61	291710	6.99
	UPPER LIMIT	325264	5.18	1084202	6.11	583420	7.49
	LOWER LIMIT	81316	4.18	271051	5.11	145855	6.49
	EPA SAMPLE NO.						
01	500-5211-F-2	195107	4.35	681903	5.29	360278	6.63
02	500-5211-G-6	213039	4.35	743492	5.29	410790	6.63
03	500-5211-F-9	284349	4.35	1046866	5.29	592586*	6.64
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22							

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

8C

SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: STL-CHICAGO Contract:

Lab Code: 57222 Case No.: SAS No.: SDG No.: 5211

Lab File ID (Standard): 20I0710D Date Analyzed: 07/10/07

Instrument ID: MS20 Time Analyzed: 1536

		IS4(PHN) AREA #	RT	IS5(CRY) AREA #	RT	IS6(PRY) AREA #	RT
	12 HOUR STD	437453	8.20	467371	10.40	463479	11.66
	UPPER LIMIT	874906	8.70	934742	10.90	926958	12.16
	LOWER LIMIT	218727	7.70	233686	9.90	231740	11.16
	EPA SAMPLE NO.						
01	500-5211-F-2	615868	7.84	653797	10.03	735420	11.17
02	500-5211-G-6	730603	7.84	807015	10.02	860747	11.16
03	500-5211-F-9	941940*	7.84	929210	10.05	915924	11.20
04							
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22							

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

8B

SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: STL-CHICAGO Contract:

Lab Code: 57222 Case No.: SAS No.: SDG No.: 5211

Lab File ID (Standard): 20I0710D Date Analyzed: 07/10/07

Instrument ID: MS20 Time Analyzed: 1536

		IS1(DCB) AREA #	RT	IS2(NPT) AREA #	RT	IS3(ANT) AREA #	RT
	12 HOUR STD	162632	4.68	542101	5.61	291710	6.99
	UPPER LIMIT	325264	5.18	1084202	6.11	583420	7.49
	LOWER LIMIT	81316	4.18	271051	5.11	145855	6.49
	EPA SAMPLE NO.						
01	500-5211-G-7	178723	4.28	636148	5.21	369138	6.55
02	500-5211-8	160539	4.29	590879	5.21	332747	6.55
03							
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22							

GHC 7/20/07

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

8C

SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: STL-CHICAGO Contract:

Lab Code: 57222 Case No.: SAS No.: SDG No.: 5211

Lab File ID (Standard): 20I0710D Date Analyzed: 07/10/07

Instrument ID: MS20 Time Analyzed: 1536

		IS4(PHN) AREA #	RT	IS5(CRY) AREA #	RT	IS6(PRY) AREA #	RT
	12 HOUR STD	437453	8.20	467371	10.40	463479	11.66
	UPPER LIMIT	874906	8.70	934742	10.90	926958	12.16
	LOWER LIMIT	218727	7.70	233686	9.90	231740	11.16
	EPA SAMPLE NO.						
01	500-5211-G-7	630107	7.75	661667	9.93	710712	11.04
02	500-5211-8	538237	7.75	372801	9.93	386175	11.05
03							
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22							

GC 7/28/07

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

FORM VIII SV-2 1/87 Rev.

SEVERN TRENT **STL**

STL Chicago
2417 Bond Street
University Park, IL 60466
Phone: 708-534-5200
Fax: 708-534-5211

Report To:
Contact: Sarah Rubin
Company: URS Corp
Address: 100 S. Wacker Drive Suite 900 Chicago, IL 60606
Phone: (312) 697-7236
Fax: (312) 939-4198
E-Mail:

Bill To:
Contact: Same as rpt to
Company:
Address:
Phone:
Fax:
PO#: Quote:

Shaded Areas For Internal Use Only ____ of ____

Lab Lot# 500-5211

Package Sealed	Samples Sealed
Yes No	Yes No
Received on Ice	**Samples Intact**
Yes No	Yes No

Temperature °C of Cooler (3.9) (4.2)

Within Hold Time	Preserv. Indicated
Yes No	Yes No NA
pH Check OK	**Res Cl_2 Check OK**
Yes No NA	Yes No NA

Sample Labels and COC Agree
Yes No COC not present

Sampler Name: Junaluska Williams
Signature: Junaluska Williams
Project Name: Verma Property
Project Number: 25366232.10000
Project Location: LaPorte, IN
Lab PM: Kim Mantz
Date Required
Hard Copy: ____/____/____
Fax: ____/____/____

Laboratory ID	MS-MSD	Client Sample ID	Sampling Date	Sampling Time	Matrix	Comp/Grab	VOCs	SVOCs/metals pH	SVOCs/metals	TOC	pH	SVOCs/TOC					Additional Analyses / Remarks
Refrg #																	
# / Cont.																	
Volume																	
Preserv																	
1		VPBH - 11	7/10/07	840	S	G	X	X									
2		VPBH - 12		1005			X		X								
3		VPBH - 13		1305			X	X									
4		VPBH - 14		1400													
5		Phys - 1		1005						X							* Take TOC from 4oz jar & pH from 8oz jar w/ the SVOCs/metals
6		Phys - 2		1020			X			X	X	X					↳ only 1 jar labeled Phys-1
7		Phys - 3		1030			X			X	X	X					
8		VPBH-09	7/5/07	1230													added by SR
9		VPBH - 09-B-10		1240													1
10		VPBH - 10		1350													

7/11/07 Fax 1330

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
Junaluska Williams	URS Corp	7/10/07	1400	JLT	SR	7/11/07	0800
RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME

Matrix Key
WW = Wastewater
W = Water
S = Soil
SL = Sludge
MS = Miscellaneous
OL = Oil
A = Air
SE = Sediment
SO = Solid
DS = Drum Solid
DL = Drum Liquid
L = Leachate
WI = Wipe
O = _____

Container Key
1. Plastic
2. VOA Vial
3. Sterile Plastic
4. Amber Glass
5. Widemouth Glass
6. Other _____

Preservative Key
1. HCl, Cool to 4°
2. H_2SO_4, Cool to 4°
3. HNO_3, Cool to 4°
4. NaOH, Cool to 4°
5. NaOH/Zn, Cool to 4°
6. Cool to 4°
7. None

COMMENTS

Date Received 7/12/07
Courier: FX **Hand Delivered**
Bill of Lading see attach

STL-8208 (0600)

LOGIN SAMPLE RECEIPT CHECK LIST

Client: URS Corporation

Job Number: 500-5211-1

Login Number: 5211

Question	T/F/NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	3.9,4.2
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	NA	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

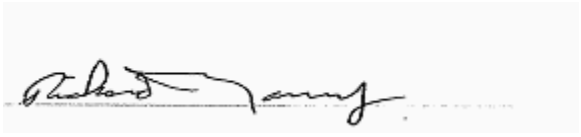
ANALYTICAL REPORT

Job Number: 500-5231-1

Job Description: Verma Property

For:
URS Corporation
100 South Wacker Drive
Suite 500
Chicago, IL 60606

Attention: Ms. Sarah Rubin



Rich Mannz
Project Manager II
rich.mannz@testamericainc.com
07/27/2007

cc: Ms. Junaluska Williams

Project Manager: Rich Mannz

These test results meet all the requirements of NELAC for accredited parameters.

The Lab Certification ID# is 100201.

All questions regarding this test report should be directed to the STL Project Manager whose signature appears on this report. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

Reporting limits are adjusted for sample size used, dilutions and moisture content if applicable.

Job Narrative
500-J5231-1

Comments
No additional comments.

Receipt
All samples were received in good condition within temperature requirements.

GC/MS VOA
The Terra Core sample vial submitted for sample 500-5231-C4 leaked. Vial had less than 5 mL of liquid upon receipt. Loss of volatiles can be presumed.

Samples 4 and 6 were analyzed using the high level methanol method due to the abundance of target analytes. Elevated reporting limits (RLs) are provided.

Internal standard responses for sample 9 were outside of acceptance limits. The sample was re-analyzed with similar results. The best analysis was reported.

No other analytical or quality issues were noted.

GC/MS Semi VOA
The MB had the last three internal standards above the QC limit. The MB was re-analyzed with similar recoveries. No target compounds were detected in the MB.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for 500-5231 were outside control limits. The associated laboratory control standard (LCS) met acceptance criteria.

Samples 5231-2,5,6, and 9 were diluted due to the abundance of non-target analytes. Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

Metals
Method 6010B: The CRI in AD batch 18941 was high for Pb. All samples were greater than 10X the RL and ok to report.

No other analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: URS Corporation Job Number: 500-5231-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
500-5231-1	**VPBH-15**					
Acetone		32		11	ug/Kg	8260B
Pyrene		12	J	35	ug/Kg	8270C
Chrysene		9.6	J	35	ug/Kg	8270C
Arsenic		16		1.0	mg/Kg	6010B
Barium		40		1.0	mg/Kg	6010B
Chromium		18		1.0	mg/Kg	6010B
Lead		140	^ B	0.51	mg/Kg	6010B
Selenium		1.1		1.0	mg/Kg	6010B
Mercury		0.034		0.018	mg/Kg	7471A
Percent Moisture		7.3		0.10	%	PercentMoisture
Percent Solids		93		0.10	%	PercentMoisture
500-5231-2	**VPBH-16**					
Acetone		130		10	ug/Kg	8260B
Trichloroethene		9.3	J	10	ug/Kg	8260B
Naphthalene		470		180	ug/Kg	8270C
2-Methylnaphthalene		220	J	890	ug/Kg	8270C
Acenaphthene		110	J	180	ug/Kg	8270C
Dibenzofuran		200	J	890	ug/Kg	8270C
Fluorene		230		180	ug/Kg	8270C
Phenanthrene		1700		180	ug/Kg	8270C
Anthracene		270		180	ug/Kg	8270C
Fluoranthene		2200		180	ug/Kg	8270C
Pyrene		2400		180	ug/Kg	8270C
Benzo[a]anthracene		1400		180	ug/Kg	8270C
Chrysene		1800		180	ug/Kg	8270C
Bis(2-ethylhexyl) phthalate		580	J	890	ug/Kg	8270C
Benzo[b]fluoranthene		1900		180	ug/Kg	8270C
Benzo[k]fluoranthene		910		180	ug/Kg	8270C
Benzo[a]pyrene		1400		180	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		940		180	ug/Kg	8270C
Dibenz(a,h)anthracene		320		180	ug/Kg	8270C
Benzo[g,h,i]perylene		1200		180	ug/Kg	8270C
Arsenic		15		0.99	mg/Kg	6010B
Barium		460		0.99	mg/Kg	6010B
Chromium		490		0.99	mg/Kg	6010B
Lead		3900	^ B	0.50	mg/Kg	6010B
Selenium		2.8		0.99	mg/Kg	6010B
Silver		0.74		0.50	mg/Kg	6010B
Mercury		0.077		0.018	mg/Kg	7471A
Percent Moisture		6.0		0.10	%	PercentMoisture
Percent Solids		94		0.10	%	PercentMoisture

EXECUTIVE SUMMARY - Detections

Client: URS Corporation Job Number: 500-5231-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
500-5231-3	**VPBH-17**					
Fluoranthene		17	J	36	ug/Kg	8270C
Pyrene		17	J	36	ug/Kg	8270C
Benzo[a]anthracene		9.9	J	36	ug/Kg	8270C
Chrysene		15	J	36	ug/Kg	8270C
Bis(2-ethylhexyl) phthalate		58	J	180	ug/Kg	8270C
Benzo[b]fluoranthene		16	J	36	ug/Kg	8270C
Benzo[a]pyrene		11	J	36	ug/Kg	8270C
Benzo[g,h,i]perylene		11	J	36	ug/Kg	8270C
Arsenic		10		1.0	mg/Kg	6010B
Barium		16		1.0	mg/Kg	6010B
Chromium		11		1.0	mg/Kg	6010B
Lead		30	^ B	0.50	mg/Kg	6010B
Selenium		0.59	J	1.0	mg/Kg	6010B
Mercury		0.020		0.018	mg/Kg	7471A
Percent Moisture		9.1		0.10	%	PercentMoisture
Percent Solids		91		0.10	%	PercentMoisture

EXECUTIVE SUMMARY - Detections

Client: URS Corporation Job Number: 500-5231-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
500-5231-4	**VPBH-18**					
Toluene		1100		33	ug/Kg	8260B
Ethylbenzene		3500		33	ug/Kg	8260B
Xylenes, Total		27000		66	ug/Kg	8260B
2,4-Dimethylphenol		210	J	350	ug/Kg	8270C
Naphthalene		1600		35	ug/Kg	8270C
2-Methylnaphthalene		310		180	ug/Kg	8270C
Acenaphthene		78		35	ug/Kg	8270C
Dibenzofuran		88	J	180	ug/Kg	8270C
Fluorene		140		35	ug/Kg	8270C
Phenanthrene		1000		35	ug/Kg	8270C
Anthracene		220		35	ug/Kg	8270C
Carbazole		92	J	180	ug/Kg	8270C
Fluoranthene		1100		35	ug/Kg	8270C
Pyrene		870		35	ug/Kg	8270C
Benzo[a]anthracene		470		35	ug/Kg	8270C
Chrysene		560		35	ug/Kg	8270C
Bis(2-ethylhexyl) phthalate		78	J	180	ug/Kg	8270C
Benzo[b]fluoranthene		410		35	ug/Kg	8270C
Benzo[k]fluoranthene		260		35	ug/Kg	8270C
Benzo[a]pyrene		350		35	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		180		35	ug/Kg	8270C
Dibenz(a,h)anthracene		67		35	ug/Kg	8270C
Benzo[g,h,i]perylene		210		35	ug/Kg	8270C
Arsenic		10		0.99	mg/Kg	6010B
Barium		22		0.99	mg/Kg	6010B
Chromium		9.2		0.99	mg/Kg	6010B
Lead		33	^ B	0.49	mg/Kg	6010B
Selenium		0.83	J	0.99	mg/Kg	6010B
Mercury		0.021		0.019	mg/Kg	7471A
Percent Moisture		11		0.10	%	PercentMoisture
Percent Solids		89		0.10	%	PercentMoisture

EXECUTIVE SUMMARY - Detections

Client: URS Corporation Job Number: 500-5231-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
500-5231-5	**VPBH-09SS**					
Acetone		22		8.3	ug/Kg	8260B
Toluene		9.3		8.3	ug/Kg	8260B
Naphthalene		110	J	170	ug/Kg	8270C
2-Methylnaphthalene		370	J	880	ug/Kg	8270C
Acenaphthene		69	J	170	ug/Kg	8270C
Dibenzofuran		220	J	880	ug/Kg	8270C
Fluorene		81	J	170	ug/Kg	8270C
Phenanthrene		1200		170	ug/Kg	8270C
Anthracene		100	J	170	ug/Kg	8270C
Fluoranthene		530		170	ug/Kg	8270C
Pyrene		640		170	ug/Kg	8270C
Benzo[a]anthracene		400		170	ug/Kg	8270C
Chrysene		470		170	ug/Kg	8270C
Bis(2-ethylhexyl) phthalate		580	J	880	ug/Kg	8270C
Benzo[b]fluoranthene		480		170	ug/Kg	8270C
Benzo[k]fluoranthene		240		170	ug/Kg	8270C
Benzo[a]pyrene		340		170	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		190		170	ug/Kg	8270C
Benzo[g,h,i]perylene		270		170	ug/Kg	8270C
Arsenic		8.8		1.0	mg/Kg	6010B
Barium		25		1.0	mg/Kg	6010B
Chromium		8.8		1.0	mg/Kg	6010B
Lead		29	^ B	0.50	mg/Kg	6010B
Selenium		0.93	J	1.0	mg/Kg	6010B
Mercury		0.023		0.018	mg/Kg	7471A
Percent Moisture		8.3		0.10	%	PercentMoisture
Percent Solids		92		0.10	%	PercentMoisture

EXECUTIVE SUMMARY - Detections

Client: URS Corporation Job Number: 500-5231-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
500-5231-6	**VPBH-10**					
Benzene		92		47	ug/Kg	8260B
Toluene		48		47	ug/Kg	8260B
Ethylbenzene		90		47	ug/Kg	8260B
Xylenes, Total		560		94	ug/Kg	8260B
Naphthalene		350		190	ug/Kg	8270C
2-Methylnaphthalene		1600		960	ug/Kg	8270C
Acenaphthene		320		190	ug/Kg	8270C
Dibenzofuran		2000		960	ug/Kg	8270C
Fluorene		420		190	ug/Kg	8270C
Phenanthrene		5900		190	ug/Kg	8270C
Anthracene		270		190	ug/Kg	8270C
Fluoranthene		840		190	ug/Kg	8270C
Pyrene		1000		190	ug/Kg	8270C
Benzo[a]anthracene		540		190	ug/Kg	8270C
Chrysene		660		190	ug/Kg	8270C
Benzo[b]fluoranthene		440		190	ug/Kg	8270C
Benzo[k]fluoranthene		140	J	190	ug/Kg	8270C
Benzo[a]pyrene		420		190	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		170	J	190	ug/Kg	8270C
Benzo[g,h,i]perylene		330		190	ug/Kg	8270C
Arsenic		10		1.1	mg/Kg	6010B
Barium		29		1.1	mg/Kg	6010B
Chromium		64		1.1	mg/Kg	6010B
Lead		29	^ B	0.55	mg/Kg	6010B
Selenium		1.9		1.1	mg/Kg	6010B
Silver		0.18	J	0.55	mg/Kg	6010B
Mercury		0.023		0.019	mg/Kg	7471A
Percent Moisture		14		0.10	%	PercentMoisture
Percent Solids		86		0.10	%	PercentMoisture

EXECUTIVE SUMMARY - Detections

Client: URS Corporation Job Number: 500-5231-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
500-5231-7	**VPBH-19**					
Acetone		28		5.7	ug/Kg	8260B
Xylenes, Total		61		5.7	ug/Kg	8260B
Naphthalene		29	J	37	ug/Kg	8270C
Phenanthrene		90		37	ug/Kg	8270C
Anthracene		15	J	37	ug/Kg	8270C
Fluoranthene		150		37	ug/Kg	8270C
Pyrene		120		37	ug/Kg	8270C
Benzo[a]anthracene		82		37	ug/Kg	8270C
Chrysene		110		37	ug/Kg	8270C
Bis(2-ethylhexyl) phthalate		140	J	190	ug/Kg	8270C
Benzo[b]fluoranthene		130		37	ug/Kg	8270C
Benzo[k]fluoranthene		52		37	ug/Kg	8270C
Benzo[a]pyrene		70		37	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		59		37	ug/Kg	8270C
Benzo[g,h,i]perylene		67		37	ug/Kg	8270C
Arsenic		7.9		0.99	mg/Kg	6010B
Barium		39		0.99	mg/Kg	6010B
Chromium		12		0.99	mg/Kg	6010B
Lead		18	^ B	0.50	mg/Kg	6010B
Selenium		0.75	J	0.99	mg/Kg	6010B
Silver		0.10	J	0.50	mg/Kg	6010B
Mercury		0.023		0.020	mg/Kg	7471A
Percent Moisture		14		0.10	%	PercentMoisture
Percent Solids		86		0.10	%	PercentMoisture

EXECUTIVE SUMMARY - Detections

Client: URS Corporation Job Number: 500-5231-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
500-5231-8	**VPBH-20**					
Acetone		17		4.0	ug/Kg	8260B
Phenanthrene		36	J	36	ug/Kg	8270C
Fluoranthene		85		36	ug/Kg	8270C
Pyrene		86		36	ug/Kg	8270C
Benzo[a]anthracene		70		36	ug/Kg	8270C
Chrysene		130		36	ug/Kg	8270C
Bis(2-ethylhexyl) phthalate		58	J	180	ug/Kg	8270C
Benzo[b]fluoranthene		190		36	ug/Kg	8270C
Benzo[k]fluoranthene		53		36	ug/Kg	8270C
Benzo[a]pyrene		72		36	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		72		36	ug/Kg	8270C
Dibenz(a,h)anthracene		31	J	36	ug/Kg	8270C
Benzo[g,h,i]perylene		83		36	ug/Kg	8270C
Arsenic		6.1		0.97	mg/Kg	6010B
Barium		26		0.97	mg/Kg	6010B
Chromium		7.5		0.97	mg/Kg	6010B
Lead		17	^ B	0.49	mg/Kg	6010B
Selenium		0.53	J	0.97	mg/Kg	6010B
Mercury		0.043		0.019	mg/Kg	7471A
Percent Moisture		10		0.10	%	PercentMoisture
Percent Solids		90		0.10	%	PercentMoisture
500-5231-9	**VPBH-21**					
Acetone		67		7.5	ug/Kg	8260B
Naphthalene		600		370	ug/Kg	8270C
2-Methylnaphthalene		960	J	1900	ug/Kg	8270C
Phenanthrene		970		370	ug/Kg	8270C
Fluoranthene		500		370	ug/Kg	8270C
Pyrene		830		370	ug/Kg	8270C
Benzo[b]fluoranthene		530		370	ug/Kg	8270C
Benzo[k]fluoranthene		490		370	ug/Kg	8270C
Benzo[a]pyrene		520		370	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		470		370	ug/Kg	8270C
Benzo[g,h,i]perylene		740		370	ug/Kg	8270C
Arsenic		7.1		1.2	mg/Kg	6010B
Barium		240		1.2	mg/Kg	6010B
Chromium		120		1.2	mg/Kg	6010B
Lead		1100	^ B	0.58	mg/Kg	6010B
Selenium		1.8		1.2	mg/Kg	6010B
Silver		0.27	J	0.58	mg/Kg	6010B
Mercury		0.047		0.020	mg/Kg	7471A
Percent Moisture		15		0.10	%	PercentMoisture
Percent Solids		85		0.10	%	PercentMoisture

METHOD SUMMARY

Client: URS Corporation Job Number: 500-5231-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds by GC/MS	STL CHI	SW846 8260B	
Closed System Purge & Trap/Field Methanol	STL CHI		SW846 5035
Closed System Purge & Trap/Field Preservation	STL CHI		SW846 5035
Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	STL CHI	SW846 8270C	
Automated Soxhlet Extraction	STL CHI		SW846 3541
Inductively Coupled Plasma - Atomic Emission Spectrometry	STL CHI	SW846 6010B	
Acid Digestion of Sediments, Sludges, and Soils	STL CHI		SW846 3050B
Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)	STL CHI	SW846 7471A	
Mercury in Solid or Semi-Solid Waste (Manual	STL CHI		SW846 7471A
Percent Moisture	STL CHI	EPA PercentMoisture	

LAB REFERENCES:

STL CHI = STL Chicago

METHOD REFERENCES:

EPA - US Environmental Protection Agency

SW846 - "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: URS Corporation Job Number: 500-5231-1

Method	Analyst	Analyst ID
SW846 8260B	Kras, Michael J	MJK
SW846 8260B	Swaney, Garth E	GES
SW846 8270C	Bergen, Joe	JB
SW846 8270C	Lesiak, Karen D	KDL
SW846 6010B	Kolarczyk, Paul F	PFK
SW846 7471A	Ithal, Kyle M	KMI
EPA PercentMoisture	Boyd, Cheryl L	CLB

SAMPLE SUMMARY

Client: URS Corporation Job Number: 500-5231-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
500-5231-1	VPBH-15	Solid	07/11/2007 0800	07/13/2007 0945
500-5231-2	VPBH-16	Solid	07/11/2007 0840	07/13/2007 0945
500-5231-3	VPBH-17	Solid	07/11/2007 1030	07/13/2007 0945
500-5231-4	VPBH-18	Solid	07/11/2007 1155	07/13/2007 0945
500-5231-5	VPBH-09SS	Solid	07/11/2007 1100	07/13/2007 0945
500-5231-6	VPBH-10	Solid	07/11/2007 1105	07/13/2007 0945
500-5231-7	VPBH-19	Solid	07/11/2007 1030	07/13/2007 0945
500-5231-8	VPBH-20	Solid	07/11/2007 1220	07/13/2007 0945
500-5231-9	VPBH-21	Solid	07/11/2007 1315	07/13/2007 0945

SAMPLE RESULTS

Ms. Sarah Rubin
URS Corporation
100 South Wacker Drive
Suite 500
Chicago, IL 60606

Job Number: 500-5231-1

Client Sample ID: VPBH-15
Lab Sample ID: 500-5231-1

Date Sampled: 07/11/2007 0800
Date Received: 07/13/2007 0945
Client Matrix: Solid
Percent Solids: 93

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	07/15/2007 0706		
Prep Method: 5035			Date Prepared:	07/11/2007 0800		
Benzene	11	U	ug/Kg	1.4	11	1.0
1,1,2,2-Tetrachloroethane	11	U	ug/Kg	1.5	11	1.0
Vinyl chloride	11	U	ug/Kg	1.6	11	1.0
Bromomethane	11	U	ug/Kg	6.5	11	1.0
Chloroethane	11	U	ug/Kg	6.5	11	1.0
Acrolein	420	U	ug/Kg	69	420	1.0
1,1-Dichloroethene	11	U	ug/Kg	2.7	11	1.0
Carbon disulfide	11	U	ug/Kg	2.1	11	1.0
Acetone	32		ug/Kg	9.0	11	1.0
Methylene Chloride	11	U	ug/Kg	3.4	11	1.0
trans-1,2-Dichloroethene	11	U	ug/Kg	1.6	11	1.0
Methyl tert-butyl ether	11	U	ug/Kg	1.2	11	1.0
1,1-Dichloroethane	11	U	ug/Kg	1.2	11	1.0
Vinyl acetate	11	U	ug/Kg	1.7	11	1.0
cis-1,2-Dichloroethene	11	U	ug/Kg	1.2	11	1.0
2-Butanone (MEK)	11	U	ug/Kg	4.6	11	1.0
Chloroform	11	U	ug/Kg	1.4	11	1.0
Carbon tetrachloride	11	U	ug/Kg	1.5	11	1.0
1,2-Dichloroethane	11	U	ug/Kg	1.2	11	1.0
Trichloroethene	11	U	ug/Kg	1.4	11	1.0
1,2-Dichloropropane	11	U	ug/Kg	1.2	11	1.0
Bromodichloromethane	11	U	ug/Kg	1.2	11	1.0
cis-1,3-Dichloropropene	11	U	ug/Kg	1.2	11	1.0
4-Methyl-2-pentanone (MIBK)	11	U	ug/Kg	1.5	11	1.0
Toluene	11	U	ug/Kg	3.6	11	1.0
trans-1,3-Dichloropropene	11	U	ug/Kg	1.3	11	1.0
1,1,2-Trichloroethane	11	U	ug/Kg	1.7	11	1.0
Tetrachloroethene	11	U	ug/Kg	1.9	11	1.0
Chlorobenzene	11	U	ug/Kg	1.2	11	1.0
Ethylbenzene	11	U	ug/Kg	1.3	11	1.0
Styrene	11	U	ug/Kg	1.3	11	1.0
Bromoform	11	U	ug/Kg	1.6	11	1.0
Xylenes, Total	11	U	ug/Kg	3.8	11	1.0
n-Butyl alcohol	840	U	ug/Kg	590	840	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	108	%	74 - 143
Toluene-d8 (Surr)	105	%	75 - 130
4-Bromofluorobenzene (Surr)	100	%	75 - 120

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Job Number: 500-5231-1

Client Sample ID: VPBH-15
Lab Sample ID: 500-5231-1

Date Sampled: 07/11/2007 0800
Date Received: 07/13/2007 0945
Client Matrix: Solid
Percent Solids: 93

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate					Acceptance Limits	
Dibromofluoromethane	104		%		78 - 142	
Method: 8270C			Date Analyzed:		07/23/2007 1738	
Prep Method: 3541			Date Prepared:		07/19/2007 0831	
Phenol	180	U	ug/Kg	46	180	1.0
Bis(2-chloroethyl)ether	180	U	ug/Kg	48	180	1.0
1,3-Dichlorobenzene	180	U	ug/Kg	34	180	1.0
1,4-Dichlorobenzene	180	U	ug/Kg	40	180	1.0
1,2-Dichlorobenzene	180	U	ug/Kg	37	180	1.0
Benzyl alcohol	350	U	ug/Kg	170	350	1.0
2-Methylphenol	180	U	ug/Kg	49	180	1.0
2,2'-oxybis[1-chloropropane]	180	U	ug/Kg	42	180	1.0
N-Nitrosodi-n-propylamine	180	U	ug/Kg	47	180	1.0
Hexachloroethane	180	U	ug/Kg	39	180	1.0
4-Methylphenol	180	U	ug/Kg	62	180	1.0
2-Chlorophenol	180	U	ug/Kg	46	180	1.0
Nitrobenzene	35	U	ug/Kg	9.2	35	1.0
Bis(2-chloroethoxy)methane	180	U	ug/Kg	37	180	1.0
1,2,4-Trichlorobenzene	180	U	ug/Kg	40	180	1.0
Benzoic acid	1800	U	ug/Kg	400	1800	1.0
Isophorone	180	U	ug/Kg	42	180	1.0
2,4-Dimethylphenol	350	U	ug/Kg	77	350	1.0
Hexachlorobutadiene	180	U	ug/Kg	38	180	1.0
Naphthalene	35	U	ug/Kg	6.9	35	1.0
2,4-Dichlorophenol	350	U	ug/Kg	77	350	1.0
4-Chloroaniline	710	U	ug/Kg	170	710	1.0
2,4,6-Trichlorophenol	350	U	ug/Kg	75	350	1.0
2,4,5-Trichlorophenol	350	U	ug/Kg	100	350	1.0
Hexachlorocyclopentadiene	710	U	ug/Kg	190	710	1.0
2-Methylnaphthalene	180	U	ug/Kg	43	180	1.0
2-Nitroaniline	180	U	ug/Kg	51	180	1.0
2-Chloronaphthalene	180	U	ug/Kg	38	180	1.0
4-Chloro-3-methylphenol	350	U	ug/Kg	100	350	1.0
2,6-Dinitrotoluene	180	U	ug/Kg	49	180	1.0
2-Nitrophenol	350	U	ug/Kg	97	350	1.0
3-Nitroaniline	350	U	ug/Kg	150	350	1.0
Dimethyl phthalate	180	U	ug/Kg	40	180	1.0
2,4-Dinitrophenol	710	U	ug/Kg	500	710	1.0
Acenaphthylene	35	U	ug/Kg	11	35	1.0
2,4-Dinitrotoluene	180	U	ug/Kg	58	180	1.0

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Job Number: 500-5231-1

Client Sample ID: VPBH-15
Lab Sample ID: 500-5231-1

Date Sampled: 07/11/2007 0800
Date Received: 07/13/2007 0945
Client Matrix: Solid
Percent Solids: 93

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Acenaphthene	35	U	ug/Kg	7.3	35	1.0
Dibenzofuran	180	U	ug/Kg	35	180	1.0
4-Nitrophenol	710	U	ug/Kg	120	710	1.0
Fluorene	35	U	ug/Kg	7.7	35	1.0
4-Nitroaniline	350	U	ug/Kg	70	350	1.0
4-Bromophenyl phenyl ether	180	U	ug/Kg	44	180	1.0
Hexachlorobenzene	71	U	ug/Kg	7.6	71	1.0
Diethyl phthalate	180	U	ug/Kg	45	180	1.0
4-Chlorophenyl phenyl ether	180	U	ug/Kg	40	180	1.0
Pentachlorophenol	710	U	ug/Kg	240	710	1.0
N-Nitrosodiphenylamine	180	U	ug/Kg	40	180	1.0
4,6-Dinitro-2-methylphenol	350	U	ug/Kg	140	350	1.0
Phenanthrene	35	U	ug/Kg	11	35	1.0
Anthracene	35	U	ug/Kg	12	35	1.0
Carbazole	180	U	ug/Kg	44	180	1.0
Di-n-butyl phthalate	180	U	ug/Kg	45	180	1.0
Benzidine	710	U	ug/Kg	16	710	1.0
Fluoranthene	35	U	ug/Kg	13	35	1.0
Pyrene	12	J	ug/Kg	8.2	35	1.0
Butyl benzyl phthalate	180	U	ug/Kg	49	180	1.0
Benzo[a]anthracene	35	U	ug/Kg	5.6	35	1.0
Chrysene	9.6	J	ug/Kg	9.1	35	1.0
3,3'-Dichlorobenzidine	180	U	ug/Kg	41	180	1.0
Bis(2-ethylhexyl) phthalate	180	U	ug/Kg	49	180	1.0
Di-n-octyl phthalate	180	U	ug/Kg	46	180	1.0
Benzo[b]fluoranthene	35	U	ug/Kg	10	35	1.0
Benzo[k]fluoranthene	35	U	ug/Kg	7.7	35	1.0
Benzo[a]pyrene	35	U	ug/Kg	8.3	35	1.0
Indeno[1,2,3-cd]pyrene	35	U	ug/Kg	19	35	1.0
Dibenz(a,h)anthracene	35	U	ug/Kg	19	35	1.0
Benzo[g,h,i]perylene	35	U	ug/Kg	5.9	35	1.0

Surrogate			Acceptance Limits
2-Fluorophenol	51	%	24 - 115
Phenol-d5	51	%	26 - 117
Nitrobenzene-d5	59	%	20 - 109
2-Fluorobiphenyl	64	%	31 - 107
2,4,6-Tribromophenol	69	%	24 - 134
Terphenyl-d14	82	%	45 - 123

Method: 6010B
Prep Method: 3050B

Date Analyzed: 07/20/2007 0641
Date Prepared: 07/16/2007 1655

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Job Number: 500-5231-1

Client Sample ID: VPBH-15
Lab Sample ID: 500-5231-1

Date Sampled: 07/11/2007 0800
Date Received: 07/13/2007 0945
Client Matrix: Solid
Percent Solids: 93

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Arsenic	16		mg/Kg	0.27	1.0	1.0
Barium	40		mg/Kg	0.45	1.0	1.0
Chromium	18		mg/Kg	0.11	1.0	1.0
Lead	140	^ B	mg/Kg	0.24	0.51	1.0
Selenium	1.1		mg/Kg	0.39	1.0	1.0
Silver	0.51	U	mg/Kg	0.10	0.51	1.0
Method: 6010B			Date Analyzed:	07/21/2007 0717		
Prep Method: 3050B			Date Prepared:	07/16/2007 1655		
Cadmium	0.20	U	mg/Kg	0.061	0.20	1.0
Method: 7471A			Date Analyzed:	07/17/2007 1329		
Prep Method: 7471A			Date Prepared:	07/17/2007 1050		
Mercury	0.034		mg/Kg	0.0057	0.018	1.0
Method: PercentMoisture			Date Analyzed:	07/15/2007 1450		
Percent Moisture	7.3		%	0.10	0.10	1.0

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Job Number: 500-5231-1

Client Sample ID: VPBH-16
Lab Sample ID: 500-5231-2

Date Sampled: 07/11/2007 0840
Date Received: 07/13/2007 0945
Client Matrix: Solid
Percent Solids: 94

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	07/15/2007 0731		
Prep Method: 5035			Date Prepared:	07/11/2007 0840		
Benzene	10	U	ug/Kg	1.4	10	1.0
1,1,2,2-Tetrachloroethane	10	U	ug/Kg	1.5	10	1.0
Vinyl chloride	10	U	ug/Kg	1.6	10	1.0
Bromomethane	10	U	ug/Kg	6.4	10	1.0
Chloroethane	10	U	ug/Kg	6.4	10	1.0
Acrolein	410	U	ug/Kg	68	410	1.0
1,1-Dichloroethene	10	U	ug/Kg	2.7	10	1.0
Carbon disulfide	10	U	ug/Kg	2.1	10	1.0
Acetone	130		ug/Kg	8.9	10	1.0
Methylene Chloride	10	U	ug/Kg	3.3	10	1.0
trans-1,2-Dichloroethene	10	U	ug/Kg	1.6	10	1.0
Methyl tert-butyl ether	10	U	ug/Kg	1.1	10	1.0
1,1-Dichloroethane	10	U	ug/Kg	1.2	10	1.0
Vinyl acetate	10	U	ug/Kg	1.6	10	1.0
cis-1,2-Dichloroethene	10	U	ug/Kg	1.2	10	1.0
2-Butanone (MEK)	10	U	ug/Kg	4.6	10	1.0
Chloroform	10	U	ug/Kg	1.4	10	1.0
Carbon tetrachloride	10	U	ug/Kg	1.5	10	1.0
1,2-Dichloroethane	10	U	ug/Kg	1.1	10	1.0
Trichloroethene	9.3	J	ug/Kg	1.4	10	1.0
1,2-Dichloropropane	10	U	ug/Kg	1.1	10	1.0
Bromodichloromethane	10	U	ug/Kg	1.2	10	1.0
cis-1,3-Dichloropropene	10	U	ug/Kg	1.2	10	1.0
4-Methyl-2-pentanone (MIBK)	10	U	ug/Kg	1.5	10	1.0
Toluene	10	U	ug/Kg	3.5	10	1.0
trans-1,3-Dichloropropene	10	U	ug/Kg	1.2	10	1.0
1,1,2-Trichloroethane	10	U	ug/Kg	1.7	10	1.0
Tetrachloroethene	10	U	ug/Kg	1.9	10	1.0
Chlorobenzene	10	U	ug/Kg	1.2	10	1.0
Ethylbenzene	10	U	ug/Kg	1.3	10	1.0
Styrene	10	U	ug/Kg	1.3	10	1.0
Bromoform	10	U	ug/Kg	1.5	10	1.0
Xylenes, Total	10	U	ug/Kg	3.7	10	1.0
n-Butyl alcohol	830	U	ug/Kg	580	830	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	123	%	74 - 143
Toluene-d8 (Surr)	109	%	75 - 130
4-Bromofluorobenzene (Surr)	91	%	75 - 120

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Job Number: 500-5231-1

Client Sample ID: VPBH-16
Lab Sample ID: 500-5231-2

Date Sampled: 07/11/2007 0840
Date Received: 07/13/2007 0945
Client Matrix: Solid
Percent Solids: 94

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate					Acceptance Limits	
Dibromofluoromethane	116		%		78 - 142	
Method: 8270C			Date Analyzed:		07/23/2007 1801	
Prep Method: 3541			Date Prepared:		07/19/2007 0831	
Phenol	890	U	ug/Kg	230	890	5.0
Bis(2-chloroethyl)ether	890	U	ug/Kg	240	890	5.0
1,3-Dichlorobenzene	890	U	ug/Kg	170	890	5.0
1,4-Dichlorobenzene	890	U	ug/Kg	200	890	5.0
1,2-Dichlorobenzene	890	U	ug/Kg	190	890	5.0
Benzyl alcohol	1800	U	ug/Kg	850	1800	5.0
2-Methylphenol	890	U	ug/Kg	250	890	5.0
2,2'-oxybis[1-chloropropane]	890	U	ug/Kg	210	890	5.0
N-Nitrosodi-n-propylamine	890	U	ug/Kg	240	890	5.0
Hexachloroethane	890	U	ug/Kg	200	890	5.0
4-Methylphenol	890	U	ug/Kg	310	890	5.0
2-Chlorophenol	890	U	ug/Kg	230	890	5.0
Nitrobenzene	180	U	ug/Kg	46	180	5.0
Bis(2-chloroethoxy)methane	890	U	ug/Kg	190	890	5.0
1,2,4-Trichlorobenzene	890	U	ug/Kg	200	890	5.0
Benzoic acid	8900	U	ug/Kg	2000	8900	5.0
Isophorone	890	U	ug/Kg	210	890	5.0
2,4-Dimethylphenol	1800	U	ug/Kg	390	1800	5.0
Hexachlorobutadiene	890	U	ug/Kg	190	890	5.0
Naphthalene	470		ug/Kg	35	180	5.0
2,4-Dichlorophenol	1800	U	ug/Kg	390	1800	5.0
4-Chloroaniline	3600	U	ug/Kg	860	3600	5.0
2,4,6-Trichlorophenol	1800	U	ug/Kg	380	1800	5.0
2,4,5-Trichlorophenol	1800	U	ug/Kg	520	1800	5.0
Hexachlorocyclopentadiene	3600	U	ug/Kg	950	3600	5.0
2-Methylnaphthalene	220	J	ug/Kg	220	890	5.0
2-Nitroaniline	890	U	ug/Kg	260	890	5.0
2-Chloronaphthalene	890	U	ug/Kg	190	890	5.0
4-Chloro-3-methylphenol	1800	U	ug/Kg	520	1800	5.0
2,6-Dinitrotoluene	890	U	ug/Kg	250	890	5.0
2-Nitrophenol	1800	U	ug/Kg	490	1800	5.0
3-Nitroaniline	1800	U	ug/Kg	770	1800	5.0
Dimethyl phthalate	890	U	ug/Kg	200	890	5.0
2,4-Dinitrophenol	3600	U	ug/Kg	2500	3600	5.0
Acenaphthylene	180	U	ug/Kg	54	180	5.0
2,4-Dinitrotoluene	890	U	ug/Kg	290	890	5.0

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Job Number: 500-5231-1

Client Sample ID: VPBH-16
Lab Sample ID: 500-5231-2

Date Sampled: 07/11/2007 0840
Date Received: 07/13/2007 0945
Client Matrix: Solid
Percent Solids: 94

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Acenaphthene	110	J	ug/Kg	37	180	5.0
Dibenzofuran	200	J	ug/Kg	180	890	5.0
4-Nitrophenol	3600	U	ug/Kg	610	3600	5.0
Fluorene	230		ug/Kg	39	180	5.0
4-Nitroaniline	1800	U	ug/Kg	350	1800	5.0
4-Bromophenyl phenyl ether	890	U	ug/Kg	220	890	5.0
Hexachlorobenzene	360	U	ug/Kg	38	360	5.0
Diethyl phthalate	890	U	ug/Kg	230	890	5.0
4-Chlorophenyl phenyl ether	890	U	ug/Kg	200	890	5.0
Pentachlorophenol	3600	U	ug/Kg	1200	3600	5.0
N-Nitrosodiphenylamine	890	U	ug/Kg	200	890	5.0
4,6-Dinitro-2-methylphenol	1800	U	ug/Kg	700	1800	5.0
Phenanthrene	1700		ug/Kg	55	180	5.0
Anthracene	270		ug/Kg	61	180	5.0
Carbazole	890	U	ug/Kg	220	890	5.0
Di-n-butyl phthalate	890	U	ug/Kg	230	890	5.0
Benzidine	3600	U	ug/Kg	79	3600	5.0
Fluoranthene	2200		ug/Kg	68	180	5.0
Pyrene	2400		ug/Kg	41	180	5.0
Butyl benzyl phthalate	890	U	ug/Kg	250	890	5.0
Benzo[a]anthracene	1400		ug/Kg	28	180	5.0
Chrysene	1800		ug/Kg	46	180	5.0
3,3'-Dichlorobenzidine	890	U	ug/Kg	210	890	5.0
Bis(2-ethylhexyl) phthalate	580	J	ug/Kg	250	890	5.0
Di-n-octyl phthalate	890	U	ug/Kg	230	890	5.0
Benzo[b]fluoranthene	1900		ug/Kg	52	180	5.0
Benzo[k]fluoranthene	910		ug/Kg	39	180	5.0
Benzo[a]pyrene	1400		ug/Kg	42	180	5.0
Indeno[1,2,3-cd]pyrene	940		ug/Kg	96	180	5.0
Dibenz(a,h)anthracene	320		ug/Kg	94	180	5.0
Benzo[g,h,i]perylene	1200		ug/Kg	30	180	5.0

Surrogate			Acceptance Limits
2-Fluorophenol	53	%	24 - 115
Phenol-d5	56	%	26 - 117
Nitrobenzene-d5	53	%	20 - 109
2-Fluorobiphenyl	69	%	31 - 107
2,4,6-Tribromophenol	66	%	24 - 134
Terphenyl-d14	76	%	45 - 123

Method: 6010B
Prep Method: 3050B

Date Analyzed: 07/20/2007 0646
Date Prepared: 07/16/2007 1655

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Job Number: 500-5231-1

Client Sample ID: VPBH-16
Lab Sample ID: 500-5231-2

Date Sampled: 07/11/2007 0840
Date Received: 07/13/2007 0945
Client Matrix: Solid
Percent Solids: 94

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Arsenic	15		mg/Kg	0.27	0.99	1.0
Barium	460		mg/Kg	0.44	0.99	1.0
Chromium	490		mg/Kg	0.11	0.99	1.0
Lead	3900	^ B	mg/Kg	0.24	0.50	1.0
Selenium	2.8		mg/Kg	0.38	0.99	1.0
Silver	0.74		mg/Kg	0.099	0.50	1.0
Method: 6010B			Date Analyzed:	07/21/2007 0721		
Prep Method: 3050B			Date Prepared:	07/16/2007 1655		
Cadmium	0.20	U	mg/Kg	0.059	0.20	1.0
Method: 7471A			Date Analyzed:	07/17/2007 1332		
Prep Method: 7471A			Date Prepared:	07/17/2007 1050		
Mercury	0.077		mg/Kg	0.0056	0.018	1.0
Method: PercentMoisture			Date Analyzed:	07/15/2007 1450		
Percent Moisture	6.0		%	0.10	0.10	1.0

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Job Number: 500-5231-1

Client Sample ID: VPBH-17
Lab Sample ID: 500-5231-3

Date Sampled: 07/11/2007 1030
Date Received: 07/13/2007 0945
Client Matrix: Solid
Percent Solids: 91

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	07/15/2007 0756		
Prep Method: 5035			Date Prepared:	07/11/2007 1030		
Benzene	6.3	U	ug/Kg	0.87	6.3	1.0
1,1,2,2-Tetrachloroethane	6.3	U	ug/Kg	0.89	6.3	1.0
Vinyl chloride	6.3	U	ug/Kg	0.98	6.3	1.0
Bromomethane	6.3	U	ug/Kg	3.9	6.3	1.0
Chloroethane	6.3	U	ug/Kg	3.9	6.3	1.0
Acrolein	250	U	ug/Kg	42	250	1.0
1,1-Dichloroethene	6.3	U	ug/Kg	1.6	6.3	1.0
Carbon disulfide	6.3	U	ug/Kg	1.3	6.3	1.0
Acetone	6.3	U	ug/Kg	5.4	6.3	1.0
Methylene Chloride	6.3	U	ug/Kg	2.0	6.3	1.0
trans-1,2-Dichloroethene	6.3	U	ug/Kg	0.97	6.3	1.0
Methyl tert-butyl ether	6.3	U	ug/Kg	0.69	6.3	1.0
1,1-Dichloroethane	6.3	U	ug/Kg	0.74	6.3	1.0
Vinyl acetate	6.3	U	ug/Kg	0.99	6.3	1.0
cis-1,2-Dichloroethene	6.3	U	ug/Kg	0.70	6.3	1.0
2-Butanone (MEK)	6.3	U	ug/Kg	2.8	6.3	1.0
Chloroform	6.3	U	ug/Kg	0.86	6.3	1.0
Carbon tetrachloride	6.3	U	ug/Kg	0.92	6.3	1.0
1,2-Dichloroethane	6.3	U	ug/Kg	0.69	6.3	1.0
Trichloroethene	6.3	U	ug/Kg	0.83	6.3	1.0
1,2-Dichloropropane	6.3	U	ug/Kg	0.69	6.3	1.0
Bromodichloromethane	6.3	U	ug/Kg	0.72	6.3	1.0
cis-1,3-Dichloropropene	6.3	U	ug/Kg	0.73	6.3	1.0
4-Methyl-2-pentanone (MIBK)	6.3	U	ug/Kg	0.91	6.3	1.0
Toluene	6.3	U	ug/Kg	2.1	6.3	1.0
trans-1,3-Dichloropropene	6.3	U	ug/Kg	0.76	6.3	1.0
1,1,2-Trichloroethane	6.3	U	ug/Kg	1.0	6.3	1.0
Tetrachloroethene	6.3	U	ug/Kg	1.1	6.3	1.0
Chlorobenzene	6.3	U	ug/Kg	0.70	6.3	1.0
Ethylbenzene	6.3	U	ug/Kg	0.81	6.3	1.0
Styrene	6.3	U	ug/Kg	0.78	6.3	1.0
Bromoform	6.3	U	ug/Kg	0.93	6.3	1.0
Xylenes, Total	6.3	U	ug/Kg	2.3	6.3	1.0
n-Butyl alcohol	500	U	ug/Kg	350	500	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	114	%	74 - 143
Toluene-d8 (Surr)	107	%	75 - 130
4-Bromofluorobenzene (Surr)	100	%	75 - 120

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Job Number: 500-5231-1

Client Sample ID: VPBH-17
Lab Sample ID: 500-5231-3

Date Sampled: 07/11/2007 1030
Date Received: 07/13/2007 0945
Client Matrix: Solid
Percent Solids: 91

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate					Acceptance Limits	
Dibromofluoromethane	106		%		78 - 142	
Method: 8270C			Date Analyzed:		07/23/2007 1823	
Prep Method: 3541			Date Prepared:		07/19/2007 0831	
Phenol	180	U	ug/Kg	47	180	1.0
Bis(2-chloroethyl)ether	180	U	ug/Kg	50	180	1.0
1,3-Dichlorobenzene	180	U	ug/Kg	35	180	1.0
1,4-Dichlorobenzene	180	U	ug/Kg	42	180	1.0
1,2-Dichlorobenzene	180	U	ug/Kg	38	180	1.0
Benzyl alcohol	360	U	ug/Kg	170	360	1.0
2-Methylphenol	180	U	ug/Kg	51	180	1.0
2,2'-oxybis[1-chloropropane]	180	U	ug/Kg	44	180	1.0
N-Nitrosodi-n-propylamine	180	U	ug/Kg	48	180	1.0
Hexachloroethane	180	U	ug/Kg	40	180	1.0
4-Methylphenol	180	U	ug/Kg	64	180	1.0
2-Chlorophenol	180	U	ug/Kg	47	180	1.0
Nitrobenzene	36	U	ug/Kg	9.5	36	1.0
Bis(2-chloroethoxy)methane	180	U	ug/Kg	39	180	1.0
1,2,4-Trichlorobenzene	180	U	ug/Kg	41	180	1.0
Benzoic acid	1800	U	ug/Kg	420	1800	1.0
Isophorone	180	U	ug/Kg	43	180	1.0
2,4-Dimethylphenol	360	U	ug/Kg	80	360	1.0
Hexachlorobutadiene	180	U	ug/Kg	39	180	1.0
Naphthalene	36	U	ug/Kg	7.1	36	1.0
2,4-Dichlorophenol	360	U	ug/Kg	80	360	1.0
4-Chloroaniline	730	U	ug/Kg	180	730	1.0
2,4,6-Trichlorophenol	360	U	ug/Kg	77	360	1.0
2,4,5-Trichlorophenol	360	U	ug/Kg	110	360	1.0
Hexachlorocyclopentadiene	730	U	ug/Kg	190	730	1.0
2-Methylnaphthalene	180	U	ug/Kg	44	180	1.0
2-Nitroaniline	180	U	ug/Kg	52	180	1.0
2-Chloronaphthalene	180	U	ug/Kg	40	180	1.0
4-Chloro-3-methylphenol	360	U	ug/Kg	110	360	1.0
2,6-Dinitrotoluene	180	U	ug/Kg	51	180	1.0
2-Nitrophenol	360	U	ug/Kg	100	360	1.0
3-Nitroaniline	360	U	ug/Kg	160	360	1.0
Dimethyl phthalate	180	U	ug/Kg	41	180	1.0
2,4-Dinitrophenol	730	U	ug/Kg	520	730	1.0
Acenaphthylene	36	U	ug/Kg	11	36	1.0
2,4-Dinitrotoluene	180	U	ug/Kg	59	180	1.0

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Job Number: 500-5231-1

Client Sample ID: VPBH-17
Lab Sample ID: 500-5231-3

Date Sampled: 07/11/2007 1030
Date Received: 07/13/2007 0945
Client Matrix: Solid
Percent Solids: 91

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Acenaphthene	36	U	ug/Kg	7.5	36	1.0
Dibenzofuran	180	U	ug/Kg	36	180	1.0
4-Nitrophenol	730	U	ug/Kg	130	730	1.0
Fluorene	36	U	ug/Kg	8.0	36	1.0
4-Nitroaniline	360	U	ug/Kg	72	360	1.0
4-Bromophenyl phenyl ether	180	U	ug/Kg	45	180	1.0
Hexachlorobenzene	73	U	ug/Kg	7.8	73	1.0
Diethyl phthalate	180	U	ug/Kg	47	180	1.0
4-Chlorophenyl phenyl ether	180	U	ug/Kg	42	180	1.0
Pentachlorophenol	730	U	ug/Kg	250	730	1.0
N-Nitrosodiphenylamine	180	U	ug/Kg	42	180	1.0
4,6-Dinitro-2-methylphenol	360	U	ug/Kg	140	360	1.0
Phenanthrene	36	U	ug/Kg	11	36	1.0
Anthracene	36	U	ug/Kg	13	36	1.0
Carbazole	180	U	ug/Kg	46	180	1.0
Di-n-butyl phthalate	180	U	ug/Kg	47	180	1.0
Benzidine	730	U	ug/Kg	16	730	1.0
Fluoranthene	17	J	ug/Kg	14	36	1.0
Pyrene	17	J	ug/Kg	8.5	36	1.0
Butyl benzyl phthalate	180	U	ug/Kg	51	180	1.0
Benzo[a]anthracene	9.9	J	ug/Kg	5.8	36	1.0
Chrysene	15	J	ug/Kg	9.4	36	1.0
3,3'-Dichlorobenzidine	180	U	ug/Kg	42	180	1.0
Bis(2-ethylhexyl) phthalate	58	J	ug/Kg	50	180	1.0
Di-n-octyl phthalate	180	U	ug/Kg	47	180	1.0
Benzo[b]fluoranthene	16	J	ug/Kg	11	36	1.0
Benzo[k]fluoranthene	36	U	ug/Kg	8.0	36	1.0
Benzo[a]pyrene	11	J	ug/Kg	8.6	36	1.0
Indeno[1,2,3-cd]pyrene	36	U	ug/Kg	20	36	1.0
Dibenz(a,h)anthracene	36	U	ug/Kg	19	36	1.0
Benzo[g,h,i]perylene	11	J	ug/Kg	6.1	36	1.0

Surrogate			Acceptance Limits
2-Fluorophenol	62	%	24 - 115
Phenol-d5	63	%	26 - 117
Nitrobenzene-d5	63	%	20 - 109
2-Fluorobiphenyl	66	%	31 - 107
2,4,6-Tribromophenol	67	%	24 - 134
Terphenyl-d14	81	%	45 - 123

Method: 6010B
Prep Method: 3050B

Date Analyzed: 07/20/2007 0651
Date Prepared: 07/16/2007 1655

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Job Number: 500-5231-1

Client Sample ID: VPBH-17
Lab Sample ID: 500-5231-3

Date Sampled: 07/11/2007 1030
Date Received: 07/13/2007 0945
Client Matrix: Solid
Percent Solids: 91

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Arsenic	10		mg/Kg	0.27	1.0	1.0
Barium	16		mg/Kg	0.44	1.0	1.0
Chromium	11		mg/Kg	0.11	1.0	1.0
Lead	30	^ B	mg/Kg	0.24	0.50	1.0
Selenium	0.59	J	mg/Kg	0.38	1.0	1.0
Silver	0.50	U	mg/Kg	0.10	0.50	1.0
Method: 6010B			Date Analyzed:	07/21/2007 0726		
Prep Method: 3050B			Date Prepared:	07/16/2007 1655		
Cadmium	0.20	U	mg/Kg	0.060	0.20	1.0
Method: 7471A			Date Analyzed:	07/17/2007 1334		
Prep Method: 7471A			Date Prepared:	07/17/2007 1050		
Mercury	0.020		mg/Kg	0.0058	0.018	1.0
Method: PercentMoisture			Date Analyzed:	07/15/2007 1450		
Percent Moisture	9.1		%	0.10	0.10	1.0

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Job Number: 500-5231-1

Client Sample ID: VPBH-18
Lab Sample ID: 500-5231-4

Date Sampled: 07/11/2007 1155
Date Received: 07/13/2007 0945
Client Matrix: Solid
Percent Solids: 89

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	07/19/2007 1509		
Prep Method: 5035			Date Prepared:	07/11/2007 1155		
1,1,2,2-Tetrachloroethane	66	U	ug/Kg	18	66	1.0
Vinyl chloride	33	U	ug/Kg	16	33	1.0
Bromomethane	130	U	ug/Kg	64	130	1.0
Chloroethane	130	U	ug/Kg	25	130	1.0
Benzene	33	U	ug/Kg	5.8	33	1.0
Acrolein	2600	U	ug/Kg	1300	2600	1.0
1,1-Dichloroethene	66	U	ug/Kg	18	66	1.0
Carbon disulfide	130	U	ug/Kg	12	130	1.0
Acetone	260	U	ug/Kg	81	260	1.0
Methylene Chloride	130	U	ug/Kg	39	130	1.0
trans-1,2-Dichloroethene	66	U	ug/Kg	13	66	1.0
Methyl tert-butyl ether	130	U	ug/Kg	16	130	1.0
1,1-Dichloroethane	66	U	ug/Kg	13	66	1.0
Vinyl acetate	130	U	ug/Kg	22	130	1.0
cis-1,2-Dichloroethene	66	U	ug/Kg	18	66	1.0
2-Butanone (MEK)	130	U	ug/Kg	73	130	1.0
Chloroform	66	U	ug/Kg	13	66	1.0
Carbon tetrachloride	66	U	ug/Kg	39	66	1.0
1,2-Dichloroethane	66	U	ug/Kg	16	66	1.0
Trichloroethene	33	U	ug/Kg	15	33	1.0
1,2-Dichloropropane	66	U	ug/Kg	17	66	1.0
Bromodichloromethane	130	U	ug/Kg	11	130	1.0
cis-1,3-Dichloropropene	66	U	ug/Kg	13	66	1.0
4-Methyl-2-pentanone (MIBK)	130	U	ug/Kg	84	130	1.0
Toluene	1100		ug/Kg	7.9	33	1.0
trans-1,3-Dichloropropene	66	U	ug/Kg	24	66	1.0
1,1,2-Trichloroethane	66	U	ug/Kg	22	66	1.0
Tetrachloroethene	66	U	ug/Kg	26	66	1.0
Chlorobenzene	66	U	ug/Kg	16	66	1.0
Ethylbenzene	3500		ug/Kg	11	33	1.0
Styrene	66	U	ug/Kg	21	66	1.0
Bromoform	130	U	ug/Kg	23	130	1.0
Xylenes, Total	27000		ug/Kg	28	66	1.0
n-Butyl alcohol	13000	U	ug/Kg	5000	13000	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98	%	70 - 125
Toluene-d8 (Surr)	102	%	75 - 120
4-Bromofluorobenzene (Surr)	99	%	75 - 120

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Job Number: 500-5231-1

Client Sample ID: VPBH-18
Lab Sample ID: 500-5231-4

Date Sampled: 07/11/2007 1155
Date Received: 07/13/2007 0945
Client Matrix: Solid
Percent Solids: 89

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate					Acceptance Limits	
Dibromofluoromethane	96		%		75 - 120	
Method: 8270C			Date Analyzed:		07/23/2007 1846	
Prep Method: 3541			Date Prepared:		07/19/2007 0831	
Phenol	180	U	ug/Kg	47	180	1.0
Bis(2-chloroethyl)ether	180	U	ug/Kg	49	180	1.0
1,3-Dichlorobenzene	180	U	ug/Kg	35	180	1.0
1,4-Dichlorobenzene	180	U	ug/Kg	41	180	1.0
1,2-Dichlorobenzene	180	U	ug/Kg	38	180	1.0
Benzyl alcohol	350	U	ug/Kg	170	350	1.0
2-Methylphenol	180	U	ug/Kg	50	180	1.0
2,2'-oxybis[1-chloropropane]	180	U	ug/Kg	43	180	1.0
N-Nitrosodi-n-propylamine	180	U	ug/Kg	48	180	1.0
Hexachloroethane	180	U	ug/Kg	39	180	1.0
4-Methylphenol	180	U	ug/Kg	63	180	1.0
2-Chlorophenol	180	U	ug/Kg	46	180	1.0
Nitrobenzene	35	U	ug/Kg	9.4	35	1.0
Bis(2-chloroethoxy)methane	180	U	ug/Kg	38	180	1.0
1,2,4-Trichlorobenzene	180	U	ug/Kg	41	180	1.0
Benzoic acid	1800	U	ug/Kg	410	1800	1.0
Isophorone	180	U	ug/Kg	43	180	1.0
2,4-Dimethylphenol	210	J	ug/Kg	79	350	1.0
Hexachlorobutadiene	180	U	ug/Kg	38	180	1.0
Naphthalene	1600		ug/Kg	7.0	35	1.0
2,4-Dichlorophenol	350	U	ug/Kg	79	350	1.0
4-Chloroaniline	720	U	ug/Kg	170	720	1.0
2,4,6-Trichlorophenol	350	U	ug/Kg	76	350	1.0
2,4,5-Trichlorophenol	350	U	ug/Kg	110	350	1.0
Hexachlorocyclopentadiene	720	U	ug/Kg	190	720	1.0
2-Methylnaphthalene	310		ug/Kg	44	180	1.0
2-Nitroaniline	180	U	ug/Kg	52	180	1.0
2-Chloronaphthalene	180	U	ug/Kg	39	180	1.0
4-Chloro-3-methylphenol	350	U	ug/Kg	110	350	1.0
2,6-Dinitrotoluene	180	U	ug/Kg	50	180	1.0
2-Nitrophenol	350	U	ug/Kg	99	350	1.0
3-Nitroaniline	350	U	ug/Kg	160	350	1.0
Dimethyl phthalate	180	U	ug/Kg	40	180	1.0
2,4-Dinitrophenol	720	U	ug/Kg	510	720	1.0
Acenaphthylene	35	U	ug/Kg	11	35	1.0
2,4-Dinitrotoluene	180	U	ug/Kg	59	180	1.0

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Job Number: 500-5231-1

Client Sample ID: VPBH-18
Lab Sample ID: 500-5231-4

Date Sampled: 07/11/2007 1155
Date Received: 07/13/2007 0945
Client Matrix: Solid
Percent Solids: 89

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Acenaphthene	78		ug/Kg	7.4	35	1.0
Dibenzofuran	88	J	ug/Kg	36	180	1.0
4-Nitrophenol	720	U	ug/Kg	120	720	1.0
Fluorene	140		ug/Kg	7.8	35	1.0
4-Nitroaniline	350	U	ug/Kg	71	350	1.0
4-Bromophenyl phenyl ether	180	U	ug/Kg	44	180	1.0
Hexachlorobenzene	72	U	ug/Kg	7.7	72	1.0
Diethyl phthalate	180	U	ug/Kg	46	180	1.0
4-Chlorophenyl phenyl ether	180	U	ug/Kg	41	180	1.0
Pentachlorophenol	720	U	ug/Kg	250	720	1.0
N-Nitrosodiphenylamine	180	U	ug/Kg	41	180	1.0
4,6-Dinitro-2-methylphenol	350	U	ug/Kg	140	350	1.0
Phenanthrene	1000		ug/Kg	11	35	1.0
Anthracene	220		ug/Kg	12	35	1.0
Carbazole	92	J	ug/Kg	45	180	1.0
Di-n-butyl phthalate	180	U	ug/Kg	46	180	1.0
Benzidine	720	U	ug/Kg	16	720	1.0
Fluoranthene	1100		ug/Kg	14	35	1.0
Pyrene	870		ug/Kg	8.4	35	1.0
Butyl benzyl phthalate	180	U	ug/Kg	50	180	1.0
Benzo[a]anthracene	470		ug/Kg	5.7	35	1.0
Chrysene	560		ug/Kg	9.2	35	1.0
3,3'-Dichlorobenzidine	180	U	ug/Kg	42	180	1.0
Bis(2-ethylhexyl) phthalate	78	J	ug/Kg	50	180	1.0
Di-n-octyl phthalate	180	U	ug/Kg	47	180	1.0
Benzo[b]fluoranthene	410		ug/Kg	11	35	1.0
Benzo[k]fluoranthene	260		ug/Kg	7.8	35	1.0
Benzo[a]pyrene	350		ug/Kg	8.5	35	1.0
Indeno[1,2,3-cd]pyrene	180		ug/Kg	19	35	1.0
Dibenz(a,h)anthracene	67		ug/Kg	19	35	1.0
Benzo[g,h,i]perylene	210		ug/Kg	6.0	35	1.0

Surrogate			Acceptance Limits
2-Fluorophenol	48	%	24 - 115
Phenol-d5	77	%	26 - 117
Nitrobenzene-d5	72	%	20 - 109
2-Fluorobiphenyl	82	%	31 - 107
2,4,6-Tribromophenol	90	%	24 - 134
Terphenyl-d14	94	%	45 - 123

Method: 6010B
Prep Method: 3050B

Date Analyzed: 07/20/2007 0655
Date Prepared: 07/16/2007 1655

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Job Number: 500-5231-1

Client Sample ID: VPBH-18
Lab Sample ID: 500-5231-4

Date Sampled: 07/11/2007 1155
Date Received: 07/13/2007 0945
Client Matrix: Solid
Percent Solids: 89

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Arsenic	10		mg/Kg	0.27	0.99	1.0
Barium	22		mg/Kg	0.43	0.99	1.0
Chromium	9.2		mg/Kg	0.11	0.99	1.0
Lead	33	^ B	mg/Kg	0.24	0.49	1.0
Selenium	0.83	J	mg/Kg	0.38	0.99	1.0
Silver	0.49	U	mg/Kg	0.099	0.49	1.0
Method: 6010B			Date Analyzed:	07/21/2007 0730		
Prep Method: 3050B			Date Prepared:	07/16/2007 1655		
Cadmium	0.20	U	mg/Kg	0.059	0.20	1.0
Method: 7471A			Date Analyzed:	07/17/2007 1336		
Prep Method: 7471A			Date Prepared:	07/17/2007 1050		
Mercury	0.021		mg/Kg	0.0060	0.019	1.0
Method: PercentMoisture			Date Analyzed:	07/15/2007 1450		
Percent Moisture	11		%	0.10	0.10	1.0

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Job Number: 500-5231-1

Client Sample ID: VPBH-09SS
Lab Sample ID: 500-5231-5

Date Sampled: 07/11/2007 1100
Date Received: 07/13/2007 0945
Client Matrix: Solid
Percent Solids: 92

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	07/15/2007 1023		
Prep Method: 5035			Date Prepared:	07/11/2007 1100		
Benzene	8.3	U	ug/Kg	1.1	8.3	1.0
1,1,2,2-Tetrachloroethane	8.3	U	ug/Kg	1.2	8.3	1.0
Vinyl chloride	8.3	U	ug/Kg	1.3	8.3	1.0
Bromomethane	8.3	U	ug/Kg	5.2	8.3	1.0
Chloroethane	8.3	U	ug/Kg	5.2	8.3	1.0
Acrolein	330	U	ug/Kg	55	330	1.0
1,1-Dichloroethene	8.3	U	ug/Kg	2.2	8.3	1.0
Carbon disulfide	8.3	U	ug/Kg	1.7	8.3	1.0
Acetone	22		ug/Kg	7.1	8.3	1.0
Methylene Chloride	8.3	U	ug/Kg	2.7	8.3	1.0
trans-1,2-Dichloroethene	8.3	U	ug/Kg	1.3	8.3	1.0
Methyl tert-butyl ether	8.3	U	ug/Kg	0.91	8.3	1.0
1,1-Dichloroethane	8.3	U	ug/Kg	0.98	8.3	1.0
Vinyl acetate	8.3	U	ug/Kg	1.3	8.3	1.0
cis-1,2-Dichloroethene	8.3	U	ug/Kg	0.93	8.3	1.0
2-Butanone (MEK)	8.3	U	ug/Kg	3.7	8.3	1.0
Chloroform	8.3	U	ug/Kg	1.1	8.3	1.0
Carbon tetrachloride	8.3	U	ug/Kg	1.2	8.3	1.0
1,2-Dichloroethane	8.3	U	ug/Kg	0.91	8.3	1.0
Trichloroethene	8.3	U	ug/Kg	1.1	8.3	1.0
1,2-Dichloropropane	8.3	U	ug/Kg	0.91	8.3	1.0
Bromodichloromethane	8.3	U	ug/Kg	0.95	8.3	1.0
cis-1,3-Dichloropropene	8.3	U	ug/Kg	0.96	8.3	1.0
4-Methyl-2-pentanone (MIBK)	8.3	U	ug/Kg	1.2	8.3	1.0
Toluene	9.3		ug/Kg	2.8	8.3	1.0
trans-1,3-Dichloropropene	8.3	U	ug/Kg	1.0	8.3	1.0
1,1,2-Trichloroethane	8.3	U	ug/Kg	1.4	8.3	1.0
Tetrachloroethene	8.3	U	ug/Kg	1.5	8.3	1.0
Chlorobenzene	8.3	U	ug/Kg	0.93	8.3	1.0
Ethylbenzene	8.3	U	ug/Kg	1.1	8.3	1.0
Styrene	8.3	U	ug/Kg	1.0	8.3	1.0
Bromoform	8.3	U	ug/Kg	1.2	8.3	1.0
Xylenes, Total	8.3	U	ug/Kg	3.0	8.3	1.0
n-Butyl alcohol	660	U	ug/Kg	470	660	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107	%	74 - 143
Toluene-d8 (Surr)	97	%	75 - 130
4-Bromofluorobenzene (Surr)	86	%	75 - 120

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Job Number: 500-5231-1

Client Sample ID: VPBH-09SS
Lab Sample ID: 500-5231-5

Date Sampled: 07/11/2007 1100
Date Received: 07/13/2007 0945
Client Matrix: Solid
Percent Solids: 92

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate					Acceptance Limits	
Dibromofluoromethane	98		%		78 - 142	
Method: 8270C			Date Analyzed:		07/25/2007 1940	
Prep Method: 3541			Date Prepared:		07/19/2007 0831	
Phenol	880	U	ug/Kg	230	880	5.0
Bis(2-chloroethyl)ether	880	U	ug/Kg	240	880	5.0
1,3-Dichlorobenzene	880	U	ug/Kg	170	880	5.0
1,4-Dichlorobenzene	880	U	ug/Kg	200	880	5.0
1,2-Dichlorobenzene	880	U	ug/Kg	180	880	5.0
Benzyl alcohol	1700	U	ug/Kg	850	1700	5.0
2-Methylphenol	880	U	ug/Kg	250	880	5.0
2,2'-oxybis[1-chloropropane]	880	U	ug/Kg	210	880	5.0
N-Nitrosodi-n-propylamine	880	U	ug/Kg	230	880	5.0
Hexachloroethane	880	U	ug/Kg	190	880	5.0
4-Methylphenol	880	U	ug/Kg	310	880	5.0
2-Chlorophenol	880	U	ug/Kg	230	880	5.0
Nitrobenzene	170	U	ug/Kg	46	170	5.0
Bis(2-chloroethoxy)methane	880	U	ug/Kg	190	880	5.0
1,2,4-Trichlorobenzene	880	U	ug/Kg	200	880	5.0
Benzoic acid	8800	U	ug/Kg	2000	8800	5.0
Isophorone	880	U	ug/Kg	210	880	5.0
2,4-Dimethylphenol	1700	U	ug/Kg	390	1700	5.0
Hexachlorobutadiene	880	U	ug/Kg	190	880	5.0
Naphthalene	110	J	ug/Kg	34	170	5.0
2,4-Dichlorophenol	1700	U	ug/Kg	390	1700	5.0
4-Chloroaniline	3500	U	ug/Kg	860	3500	5.0
2,4,6-Trichlorophenol	1700	U	ug/Kg	380	1700	5.0
2,4,5-Trichlorophenol	1700	U	ug/Kg	520	1700	5.0
Hexachlorocyclopentadiene	3500	U	ug/Kg	940	3500	5.0
2-Methylnaphthalene	370	J	ug/Kg	210	880	5.0
2-Nitroaniline	880	U	ug/Kg	250	880	5.0
2-Chloronaphthalene	880	U	ug/Kg	190	880	5.0
4-Chloro-3-methylphenol	1700	U	ug/Kg	520	1700	5.0
2,6-Dinitrotoluene	880	U	ug/Kg	250	880	5.0
2-Nitrophenol	1700	U	ug/Kg	490	1700	5.0
3-Nitroaniline	1700	U	ug/Kg	770	1700	5.0
Dimethyl phthalate	880	U	ug/Kg	200	880	5.0
2,4-Dinitrophenol	3500	U	ug/Kg	2500	3500	5.0
Acenaphthylene	170	U	ug/Kg	53	170	5.0
2,4-Dinitrotoluene	880	U	ug/Kg	290	880	5.0

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Job Number: 500-5231-1

Client Sample ID: VPBH-09SS
Lab Sample ID: 500-5231-5

Date Sampled: 07/11/2007 1100
Date Received: 07/13/2007 0945
Client Matrix: Solid
Percent Solids: 92

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Acenaphthene	69	J	ug/Kg	36	170	5.0
Dibenzofuran	220	J	ug/Kg	180	880	5.0
4-Nitrophenol	3500	U	ug/Kg	610	3500	5.0
Fluorene	81	J	ug/Kg	39	170	5.0
4-Nitroaniline	1700	U	ug/Kg	350	1700	5.0
4-Bromophenyl phenyl ether	880	U	ug/Kg	220	880	5.0
Hexachlorobenzene	350	U	ug/Kg	38	350	5.0
Diethyl phthalate	880	U	ug/Kg	230	880	5.0
4-Chlorophenyl phenyl ether	880	U	ug/Kg	200	880	5.0
Pentachlorophenol	3500	U	ug/Kg	1200	3500	5.0
N-Nitrosodiphenylamine	880	U	ug/Kg	200	880	5.0
4,6-Dinitro-2-methylphenol	1700	U	ug/Kg	690	1700	5.0
Phenanthrene	1200		ug/Kg	55	170	5.0
Anthracene	100	J	ug/Kg	61	170	5.0
Carbazole	880	U	ug/Kg	220	880	5.0
Di-n-butyl phthalate	880	U	ug/Kg	230	880	5.0
Benzidine	3500	U	ug/Kg	79	3500	5.0
Fluoranthene	530		ug/Kg	67	170	5.0
Pyrene	640		ug/Kg	41	170	5.0
Butyl benzyl phthalate	880	U	ug/Kg	250	880	5.0
Benzo[a]anthracene	400		ug/Kg	28	170	5.0
Chrysene	470		ug/Kg	45	170	5.0
3,3'-Dichlorobenzidine	880	U	ug/Kg	200	880	5.0
Bis(2-ethylhexyl) phthalate	580	J	ug/Kg	240	880	5.0
Di-n-octyl phthalate	880	U	ug/Kg	230	880	5.0
Benzo[b]fluoranthene	480		ug/Kg	52	170	5.0
Benzo[k]fluoranthene	240		ug/Kg	39	170	5.0
Benzo[a]pyrene	340		ug/Kg	42	170	5.0
Indeno[1,2,3-cd]pyrene	190		ug/Kg	96	170	5.0
Dibenz(a,h)anthracene	170	U	ug/Kg	94	170	5.0
Benzo[g,h,i]perylene	270		ug/Kg	30	170	5.0

Surrogate			Acceptance Limits
2-Fluorophenol	81	%	24 - 115
Phenol-d5	85	%	26 - 117
Nitrobenzene-d5	66	%	20 - 109
2-Fluorobiphenyl	96	%	31 - 107
2,4,6-Tribromophenol	99	%	24 - 134
Terphenyl-d14	123	%	45 - 123

Method: 6010B
Prep Method: 3050B

Date Analyzed: 07/20/2007 0700
Date Prepared: 07/16/2007 1655

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Job Number: 500-5231-1

Client Sample ID: VPBH-09SS
Lab Sample ID: 500-5231-5

Date Sampled: 07/11/2007 1100
Date Received: 07/13/2007 0945
Client Matrix: Solid
Percent Solids: 92

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Arsenic	8.8		mg/Kg	0.27	1.0	1.0
Barium	25		mg/Kg	0.44	1.0	1.0
Chromium	8.8		mg/Kg	0.11	1.0	1.0
Lead	29	^ B	mg/Kg	0.24	0.50	1.0
Selenium	0.93	J	mg/Kg	0.38	1.0	1.0
Silver	0.50	U	mg/Kg	0.10	0.50	1.0
Method: 6010B			Date Analyzed:	07/21/2007 0735		
Prep Method: 3050B			Date Prepared:	07/16/2007 1655		
Cadmium	0.20	U	mg/Kg	0.060	0.20	1.0
Method: 7471A			Date Analyzed:	07/17/2007 1338		
Prep Method: 7471A			Date Prepared:	07/17/2007 1050		
Mercury	0.023		mg/Kg	0.0058	0.018	1.0
Method: PercentMoisture			Date Analyzed:	07/15/2007 1450		
Percent Moisture	8.3		%	0.10	0.10	1.0

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Job Number: 500-5231-1

Client Sample ID: VPBH-10
Lab Sample ID: 500-5231-6

Date Sampled: 07/11/2007 1105
Date Received: 07/13/2007 0945
Client Matrix: Solid
Percent Solids: 86

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	07/19/2007 1532		
Prep Method: 5035			Date Prepared:	07/11/2007 1105		
1,1,2,2-Tetrachloroethane	94	U	ug/Kg	25	94	1.0
Vinyl chloride	47	U	ug/Kg	24	47	1.0
Bromomethane	190	U	ug/Kg	91	190	1.0
Chloroethane	190	U	ug/Kg	36	190	1.0
Benzene	92		ug/Kg	8.3	47	1.0
Acrolein	3800	U	ug/Kg	1800	3800	1.0
1,1-Dichloroethene	94	U	ug/Kg	25	94	1.0
Carbon disulfide	190	U	ug/Kg	17	190	1.0
Acetone	380	U	ug/Kg	120	380	1.0
Methylene Chloride	190	U	ug/Kg	56	190	1.0
trans-1,2-Dichloroethene	94	U	ug/Kg	19	94	1.0
Methyl tert-butyl ether	190	U	ug/Kg	23	190	1.0
1,1-Dichloroethane	94	U	ug/Kg	19	94	1.0
Vinyl acetate	190	U	ug/Kg	31	190	1.0
cis-1,2-Dichloroethene	94	U	ug/Kg	26	94	1.0
2-Butanone (MEK)	190	U	ug/Kg	100	190	1.0
Chloroform	94	U	ug/Kg	19	94	1.0
Carbon tetrachloride	94	U	ug/Kg	56	94	1.0
1,2-Dichloroethane	94	U	ug/Kg	24	94	1.0
Trichloroethene	47	U	ug/Kg	21	47	1.0
1,2-Dichloropropane	94	U	ug/Kg	24	94	1.0
Bromodichloromethane	190	U	ug/Kg	16	190	1.0
cis-1,3-Dichloropropene	94	U	ug/Kg	18	94	1.0
4-Methyl-2-pentanone (MIBK)	190	U	ug/Kg	120	190	1.0
Toluene	48		ug/Kg	11	47	1.0
trans-1,3-Dichloropropene	94	U	ug/Kg	35	94	1.0
1,1,2-Trichloroethane	94	U	ug/Kg	31	94	1.0
Tetrachloroethene	94	U	ug/Kg	37	94	1.0
Chlorobenzene	94	U	ug/Kg	23	94	1.0
Ethylbenzene	90		ug/Kg	16	47	1.0
Styrene	94	U	ug/Kg	30	94	1.0
Bromoform	190	U	ug/Kg	33	190	1.0
Xylenes, Total	560		ug/Kg	41	94	1.0
n-Butyl alcohol	19000	U	ug/Kg	7100	19000	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96	%	70 - 125
Toluene-d8 (Surr)	101	%	75 - 120
4-Bromofluorobenzene (Surr)	102	%	75 - 120

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Job Number: 500-5231-1

Client Sample ID: VPBH-10
Lab Sample ID: 500-5231-6

Date Sampled: 07/11/2007 1105
Date Received: 07/13/2007 0945
Client Matrix: Solid
Percent Solids: 86

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate					Acceptance Limits	
Dibromofluoromethane	97		%		75 - 120	
Method: 8270C			Date Analyzed:		07/23/2007 1932	
Prep Method: 3541			Date Prepared:		07/19/2007 0831	
Phenol	960	U	ug/Kg	250	960	5.0
Bis(2-chloroethyl)ether	960	U	ug/Kg	260	960	5.0
1,3-Dichlorobenzene	960	U	ug/Kg	190	960	5.0
1,4-Dichlorobenzene	960	U	ug/Kg	220	960	5.0
1,2-Dichlorobenzene	960	U	ug/Kg	200	960	5.0
Benzyl alcohol	1900	U	ug/Kg	920	1900	5.0
2-Methylphenol	960	U	ug/Kg	270	960	5.0
2,2'-oxybis[1-chloropropane]	960	U	ug/Kg	230	960	5.0
N-Nitrosodi-n-propylamine	960	U	ug/Kg	260	960	5.0
Hexachloroethane	960	U	ug/Kg	210	960	5.0
4-Methylphenol	960	U	ug/Kg	340	960	5.0
2-Chlorophenol	960	U	ug/Kg	250	960	5.0
Nitrobenzene	190	U	ug/Kg	50	190	5.0
Bis(2-chloroethoxy)methane	960	U	ug/Kg	200	960	5.0
1,2,4-Trichlorobenzene	960	U	ug/Kg	220	960	5.0
Benzoic acid	9600	U	ug/Kg	2200	9600	5.0
Isophorone	960	U	ug/Kg	230	960	5.0
2,4-Dimethylphenol	1900	U	ug/Kg	420	1900	5.0
Hexachlorobutadiene	960	U	ug/Kg	210	960	5.0
Naphthalene	350		ug/Kg	37	190	5.0
2,4-Dichlorophenol	1900	U	ug/Kg	420	1900	5.0
4-Chloroaniline	3900	U	ug/Kg	930	3900	5.0
2,4,6-Trichlorophenol	1900	U	ug/Kg	410	1900	5.0
2,4,5-Trichlorophenol	1900	U	ug/Kg	570	1900	5.0
Hexachlorocyclopentadiene	3900	U	ug/Kg	1000	3900	5.0
2-Methylnaphthalene	1600		ug/Kg	230	960	5.0
2-Nitroaniline	960	U	ug/Kg	280	960	5.0
2-Chloronaphthalene	960	U	ug/Kg	210	960	5.0
4-Chloro-3-methylphenol	1900	U	ug/Kg	570	1900	5.0
2,6-Dinitrotoluene	960	U	ug/Kg	270	960	5.0
2-Nitrophenol	1900	U	ug/Kg	530	1900	5.0
3-Nitroaniline	1900	U	ug/Kg	840	1900	5.0
Dimethyl phthalate	960	U	ug/Kg	220	960	5.0
2,4-Dinitrophenol	3900	U	ug/Kg	2800	3900	5.0
Acenaphthylene	190	U	ug/Kg	58	190	5.0
2,4-Dinitrotoluene	960	U	ug/Kg	310	960	5.0

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Job Number: 500-5231-1

Client Sample ID: VPBH-10
Lab Sample ID: 500-5231-6

Date Sampled: 07/11/2007 1105
Date Received: 07/13/2007 0945
Client Matrix: Solid
Percent Solids: 86

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Acenaphthene	320		ug/Kg	40	190	5.0
Dibenzofuran	2000		ug/Kg	190	960	5.0
4-Nitrophenol	3900	U	ug/Kg	660	3900	5.0
Fluorene	420		ug/Kg	42	190	5.0
4-Nitroaniline	1900	U	ug/Kg	380	1900	5.0
4-Bromophenyl phenyl ether	960	U	ug/Kg	240	960	5.0
Hexachlorobenzene	390	U	ug/Kg	41	390	5.0
Diethyl phthalate	960	U	ug/Kg	250	960	5.0
4-Chlorophenyl phenyl ether	960	U	ug/Kg	220	960	5.0
Pentachlorophenol	3900	U	ug/Kg	1300	3900	5.0
N-Nitrosodiphenylamine	960	U	ug/Kg	220	960	5.0
4,6-Dinitro-2-methylphenol	1900	U	ug/Kg	750	1900	5.0
Phenanthrene	5900		ug/Kg	60	190	5.0
Anthracene	270		ug/Kg	66	190	5.0
Carbazole	960	U	ug/Kg	240	960	5.0
Di-n-butyl phthalate	960	U	ug/Kg	250	960	5.0
Benzidine	3900	U	ug/Kg	86	3900	5.0
Fluoranthene	840		ug/Kg	73	190	5.0
Pyrene	1000		ug/Kg	45	190	5.0
Butyl benzyl phthalate	960	U	ug/Kg	270	960	5.0
Benzo[a]anthracene	540		ug/Kg	31	190	5.0
Chrysene	660		ug/Kg	50	190	5.0
3,3'-Dichlorobenzidine	960	U	ug/Kg	220	960	5.0
Bis(2-ethylhexyl) phthalate	960	U	ug/Kg	270	960	5.0
Di-n-octyl phthalate	960	U	ug/Kg	250	960	5.0
Benzo[b]fluoranthene	440		ug/Kg	56	190	5.0
Benzo[k]fluoranthene	140	J	ug/Kg	42	190	5.0
Benzo[a]pyrene	420		ug/Kg	45	190	5.0
Indeno[1,2,3-cd]pyrene	170	J	ug/Kg	100	190	5.0
Dibenz(a,h)anthracene	190	U	ug/Kg	100	190	5.0
Benzo[g,h,i]perylene	330		ug/Kg	32	190	5.0

Surrogate			Acceptance Limits
2-Fluorophenol	69	%	24 - 115
Phenol-d5	71	%	26 - 117
Nitrobenzene-d5	72	%	20 - 109
2-Fluorobiphenyl	86	%	31 - 107
2,4,6-Tribromophenol	87	%	24 - 134
Terphenyl-d14	95	%	45 - 123

Method: 6010B
Prep Method: 3050B

Date Analyzed: 07/20/2007 0704
Date Prepared: 07/16/2007 1655

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Job Number: 500-5231-1

Client Sample ID: VPBH-10
Lab Sample ID: 500-5231-6

Date Sampled: 07/11/2007 1105
Date Received: 07/13/2007 0945
Client Matrix: Solid
Percent Solids: 86

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Arsenic	10		mg/Kg	0.30	1.1	1.0
Barium	29		mg/Kg	0.48	1.1	1.0
Chromium	64		mg/Kg	0.12	1.1	1.0
Lead	29	^ B	mg/Kg	0.26	0.55	1.0
Selenium	1.9		mg/Kg	0.42	1.1	1.0
Silver	0.18	J	mg/Kg	0.11	0.55	1.0
Method: 6010B			Date Analyzed:	07/21/2007 0739		
Prep Method: 3050B			Date Prepared:	07/16/2007 1655		
Cadmium	0.22	U	mg/Kg	0.066	0.22	1.0
Method: 7471A			Date Analyzed:	07/17/2007 1344		
Prep Method: 7471A			Date Prepared:	07/17/2007 1050		
Mercury	0.023		mg/Kg	0.0062	0.019	1.0
Method: PercentMoisture			Date Analyzed:	07/15/2007 1450		
Percent Moisture	14		%	0.10	0.10	1.0

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Job Number: 500-5231-1

Client Sample ID: VPBH-19
Lab Sample ID: 500-5231-7

Date Sampled: 07/11/2007 1030
Date Received: 07/13/2007 0945
Client Matrix: Solid
Percent Solids: 86

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	07/15/2007 0821		
Prep Method: 5035			Date Prepared:	07/11/2007 1030		
Benzene	5.7	U	ug/Kg	0.78	5.7	1.0
1,1,2,2-Tetrachloroethane	5.7	U	ug/Kg	0.80	5.7	1.0
Vinyl chloride	5.7	U	ug/Kg	0.88	5.7	1.0
Bromomethane	5.7	U	ug/Kg	3.5	5.7	1.0
Chloroethane	5.7	U	ug/Kg	3.5	5.7	1.0
Acrolein	230	U	ug/Kg	37	230	1.0
1,1-Dichloroethene	5.7	U	ug/Kg	1.5	5.7	1.0
Carbon disulfide	5.7	U	ug/Kg	1.1	5.7	1.0
Acetone	28		ug/Kg	4.9	5.7	1.0
Methylene Chloride	5.7	U	ug/Kg	1.8	5.7	1.0
trans-1,2-Dichloroethene	5.7	U	ug/Kg	0.87	5.7	1.0
Methyl tert-butyl ether	5.7	U	ug/Kg	0.62	5.7	1.0
1,1-Dichloroethane	5.7	U	ug/Kg	0.67	5.7	1.0
Vinyl acetate	5.7	U	ug/Kg	0.90	5.7	1.0
cis-1,2-Dichloroethene	5.7	U	ug/Kg	0.63	5.7	1.0
2-Butanone (MEK)	5.7	U	ug/Kg	2.5	5.7	1.0
Chloroform	5.7	U	ug/Kg	0.77	5.7	1.0
Carbon tetrachloride	5.7	U	ug/Kg	0.83	5.7	1.0
1,2-Dichloroethane	5.7	U	ug/Kg	0.62	5.7	1.0
Trichloroethene	5.7	U	ug/Kg	0.75	5.7	1.0
1,2-Dichloropropane	5.7	U	ug/Kg	0.62	5.7	1.0
Bromodichloromethane	5.7	U	ug/Kg	0.65	5.7	1.0
cis-1,3-Dichloropropene	5.7	U	ug/Kg	0.66	5.7	1.0
4-Methyl-2-pentanone (MIBK)	5.7	U	ug/Kg	0.82	5.7	1.0
Toluene	5.7	U	ug/Kg	1.9	5.7	1.0
trans-1,3-Dichloropropene	5.7	U	ug/Kg	0.68	5.7	1.0
1,1,2-Trichloroethane	5.7	U	ug/Kg	0.93	5.7	1.0
Tetrachloroethene	5.7	U	ug/Kg	1.0	5.7	1.0
Chlorobenzene	5.7	U	ug/Kg	0.63	5.7	1.0
Ethylbenzene	5.7	U	ug/Kg	0.73	5.7	1.0
Styrene	5.7	U	ug/Kg	0.70	5.7	1.0
Bromoform	5.7	U	ug/Kg	0.84	5.7	1.0
Xylenes, Total	61		ug/Kg	2.0	5.7	1.0
n-Butyl alcohol	450	U	ug/Kg	320	450	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	111	%	74 - 143
Toluene-d8 (Surr)	103	%	75 - 130
4-Bromofluorobenzene (Surr)	98	%	75 - 120

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Job Number: 500-5231-1

Client Sample ID: VPBH-19
Lab Sample ID: 500-5231-7

Date Sampled: 07/11/2007 1030
Date Received: 07/13/2007 0945
Client Matrix: Solid
Percent Solids: 86

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate					Acceptance Limits	
Dibromofluoromethane	106		%		78 - 142	
Method: 8270C			Date Analyzed:		07/23/2007 1954	
Prep Method: 3541			Date Prepared:		07/19/2007 0831	
Phenol	190	U	ug/Kg	49	190	1.0
Bis(2-chloroethyl)ether	190	U	ug/Kg	51	190	1.0
1,3-Dichlorobenzene	190	U	ug/Kg	36	190	1.0
1,4-Dichlorobenzene	190	U	ug/Kg	43	190	1.0
1,2-Dichlorobenzene	190	U	ug/Kg	39	190	1.0
Benzyl alcohol	370	U	ug/Kg	180	370	1.0
2-Methylphenol	190	U	ug/Kg	52	190	1.0
2,2'-oxybis[1-chloropropane]	190	U	ug/Kg	45	190	1.0
N-Nitrosodi-n-propylamine	190	U	ug/Kg	50	190	1.0
Hexachloroethane	190	U	ug/Kg	41	190	1.0
4-Methylphenol	190	U	ug/Kg	66	190	1.0
2-Chlorophenol	190	U	ug/Kg	48	190	1.0
Nitrobenzene	37	U	ug/Kg	9.8	37	1.0
Bis(2-chloroethoxy)methane	190	U	ug/Kg	40	190	1.0
1,2,4-Trichlorobenzene	190	U	ug/Kg	43	190	1.0
Benzoic acid	1900	U	ug/Kg	430	1900	1.0
Isophorone	190	U	ug/Kg	44	190	1.0
2,4-Dimethylphenol	370	U	ug/Kg	82	370	1.0
Hexachlorobutadiene	190	U	ug/Kg	40	190	1.0
Naphthalene	29	J	ug/Kg	7.3	37	1.0
2,4-Dichlorophenol	370	U	ug/Kg	82	370	1.0
4-Chloroaniline	750	U	ug/Kg	180	750	1.0
2,4,6-Trichlorophenol	370	U	ug/Kg	80	370	1.0
2,4,5-Trichlorophenol	370	U	ug/Kg	110	370	1.0
Hexachlorocyclopentadiene	750	U	ug/Kg	200	750	1.0
2-Methylnaphthalene	190	U	ug/Kg	46	190	1.0
2-Nitroaniline	190	U	ug/Kg	54	190	1.0
2-Chloronaphthalene	190	U	ug/Kg	41	190	1.0
4-Chloro-3-methylphenol	370	U	ug/Kg	110	370	1.0
2,6-Dinitrotoluene	190	U	ug/Kg	52	190	1.0
2-Nitrophenol	370	U	ug/Kg	100	370	1.0
3-Nitroaniline	370	U	ug/Kg	160	370	1.0
Dimethyl phthalate	190	U	ug/Kg	42	190	1.0
2,4-Dinitrophenol	750	U	ug/Kg	540	750	1.0
Acenaphthylene	37	U	ug/Kg	11	37	1.0
2,4-Dinitrotoluene	190	U	ug/Kg	61	190	1.0

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Job Number: 500-5231-1

Client Sample ID: VPBH-19
Lab Sample ID: 500-5231-7

Date Sampled: 07/11/2007 1030
Date Received: 07/13/2007 0945
Client Matrix: Solid
Percent Solids: 86

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Acenaphthene	37	U	ug/Kg	7.7	37	1.0
Dibenzofuran	190	U	ug/Kg	37	190	1.0
4-Nitrophenol	750	U	ug/Kg	130	750	1.0
Fluorene	37	U	ug/Kg	8.2	37	1.0
4-Nitroaniline	370	U	ug/Kg	74	370	1.0
4-Bromophenyl phenyl ether	190	U	ug/Kg	46	190	1.0
Hexachlorobenzene	75	U	ug/Kg	8.1	75	1.0
Diethyl phthalate	190	U	ug/Kg	48	190	1.0
4-Chlorophenyl phenyl ether	190	U	ug/Kg	43	190	1.0
Pentachlorophenol	750	U	ug/Kg	260	750	1.0
N-Nitrosodiphenylamine	190	U	ug/Kg	43	190	1.0
4,6-Dinitro-2-methylphenol	370	U	ug/Kg	150	370	1.0
Phenanthrene	90		ug/Kg	12	37	1.0
Anthracene	15	J	ug/Kg	13	37	1.0
Carbazole	190	U	ug/Kg	47	190	1.0
Di-n-butyl phthalate	190	U	ug/Kg	48	190	1.0
Benzidine	750	U	ug/Kg	17	750	1.0
Fluoranthene	150		ug/Kg	14	37	1.0
Pyrene	120		ug/Kg	8.7	37	1.0
Butyl benzyl phthalate	190	U	ug/Kg	52	190	1.0
Benzo[a]anthracene	82		ug/Kg	5.9	37	1.0
Chrysene	110		ug/Kg	9.6	37	1.0
3,3'-Dichlorobenzidine	190	U	ug/Kg	43	190	1.0
Bis(2-ethylhexyl) phthalate	140	J	ug/Kg	52	190	1.0
Di-n-octyl phthalate	190	U	ug/Kg	49	190	1.0
Benzo[b]fluoranthene	130		ug/Kg	11	37	1.0
Benzo[k]fluoranthene	52		ug/Kg	8.2	37	1.0
Benzo[a]pyrene	70		ug/Kg	8.9	37	1.0
Indeno[1,2,3-cd]pyrene	59		ug/Kg	20	37	1.0
Dibenz(a,h)anthracene	37	U	ug/Kg	20	37	1.0
Benzo[g,h,i]perylene	67		ug/Kg	6.3	37	1.0

Surrogate			Acceptance Limits
2-Fluorophenol	68	%	24 - 115
Phenol-d5	73	%	26 - 117
Nitrobenzene-d5	70	%	20 - 109
2-Fluorobiphenyl	74	%	31 - 107
2,4,6-Tribromophenol	76	%	24 - 134
Terphenyl-d14	82	%	45 - 123

Method: 6010B
Prep Method: 3050B

Date Analyzed: 07/20/2007 0709
Date Prepared: 07/16/2007 1655

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Job Number: 500-5231-1

Client Sample ID: VPBH-19
Lab Sample ID: 500-5231-7

Date Sampled: 07/11/2007 1030
Date Received: 07/13/2007 0945
Client Matrix: Solid
Percent Solids: 86

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Arsenic	7.9		mg/Kg	0.27	0.99	1.0
Barium	39		mg/Kg	0.44	0.99	1.0
Chromium	12		mg/Kg	0.11	0.99	1.0
Lead	18	^ B	mg/Kg	0.24	0.50	1.0
Selenium	0.75	J	mg/Kg	0.38	0.99	1.0
Silver	0.10	J	mg/Kg	0.099	0.50	1.0
Method: 6010B			Date Analyzed:	07/21/2007 0744		
Prep Method: 3050B			Date Prepared:	07/16/2007 1655		
Cadmium	0.20	U	mg/Kg	0.060	0.20	1.0
Method: 7471A			Date Analyzed:	07/17/2007 1346		
Prep Method: 7471A			Date Prepared:	07/17/2007 1050		
Mercury	0.023		mg/Kg	0.0062	0.020	1.0
Method: PercentMoisture			Date Analyzed:	07/15/2007 1450		
Percent Moisture	14		%	0.10	0.10	1.0

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Job Number: 500-5231-1

Client Sample ID: VPBH-20
Lab Sample ID: 500-5231-8

Date Sampled: 07/11/2007 1220
Date Received: 07/13/2007 0945
Client Matrix: Solid
Percent Solids: 90

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	07/15/2007 0846		
Prep Method: 5035			Date Prepared:	07/11/2007 1220		
Benzene	4.0	U	ug/Kg	0.55	4.0	1.0
1,1,2,2-Tetrachloroethane	4.0	U	ug/Kg	0.57	4.0	1.0
Vinyl chloride	4.0	U	ug/Kg	0.63	4.0	1.0
Bromomethane	4.0	U	ug/Kg	2.5	4.0	1.0
Chloroethane	4.0	U	ug/Kg	2.5	4.0	1.0
Acrolein	160	U	ug/Kg	26	160	1.0
1,1-Dichloroethene	4.0	U	ug/Kg	1.0	4.0	1.0
Carbon disulfide	4.0	U	ug/Kg	0.80	4.0	1.0
Acetone	17		ug/Kg	3.4	4.0	1.0
Methylene Chloride	4.0	U	ug/Kg	1.3	4.0	1.0
trans-1,2-Dichloroethene	4.0	U	ug/Kg	0.62	4.0	1.0
Methyl tert-butyl ether	4.0	U	ug/Kg	0.44	4.0	1.0
1,1-Dichloroethane	4.0	U	ug/Kg	0.47	4.0	1.0
Vinyl acetate	4.0	U	ug/Kg	0.63	4.0	1.0
cis-1,2-Dichloroethene	4.0	U	ug/Kg	0.45	4.0	1.0
2-Butanone (MEK)	4.0	U	ug/Kg	1.8	4.0	1.0
Chloroform	4.0	U	ug/Kg	0.55	4.0	1.0
Carbon tetrachloride	4.0	U	ug/Kg	0.59	4.0	1.0
1,2-Dichloroethane	4.0	U	ug/Kg	0.44	4.0	1.0
Trichloroethene	4.0	U	ug/Kg	0.53	4.0	1.0
1,2-Dichloropropane	4.0	U	ug/Kg	0.44	4.0	1.0
Bromodichloromethane	4.0	U	ug/Kg	0.46	4.0	1.0
cis-1,3-Dichloropropene	4.0	U	ug/Kg	0.47	4.0	1.0
4-Methyl-2-pentanone (MIBK)	4.0	U	ug/Kg	0.58	4.0	1.0
Toluene	4.0	U	ug/Kg	1.4	4.0	1.0
trans-1,3-Dichloropropene	4.0	U	ug/Kg	0.48	4.0	1.0
1,1,2-Trichloroethane	4.0	U	ug/Kg	0.66	4.0	1.0
Tetrachloroethene	4.0	U	ug/Kg	0.72	4.0	1.0
Chlorobenzene	4.0	U	ug/Kg	0.45	4.0	1.0
Ethylbenzene	4.0	U	ug/Kg	0.51	4.0	1.0
Styrene	4.0	U	ug/Kg	0.50	4.0	1.0
Bromoform	4.0	U	ug/Kg	0.59	4.0	1.0
Xylenes, Total	4.0	U	ug/Kg	1.4	4.0	1.0
n-Butyl alcohol	320	U	ug/Kg	220	320	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	109	%	74 - 143
Toluene-d8 (Surr)	106	%	75 - 130
4-Bromofluorobenzene (Surr)	101	%	75 - 120

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Job Number: 500-5231-1

Client Sample ID: VPBH-20
Lab Sample ID: 500-5231-8

Date Sampled: 07/11/2007 1220
Date Received: 07/13/2007 0945
Client Matrix: Solid
Percent Solids: 90

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate					Acceptance Limits	
Dibromofluoromethane	107		%		78 - 142	
Method: 8270C			Date Analyzed:		07/23/2007 2018	
Prep Method: 3541			Date Prepared:		07/19/2007 0831	
Phenol	180	U	ug/Kg	48	180	1.0
Bis(2-chloroethyl)ether	180	U	ug/Kg	51	180	1.0
1,3-Dichlorobenzene	180	U	ug/Kg	36	180	1.0
1,4-Dichlorobenzene	180	U	ug/Kg	42	180	1.0
1,2-Dichlorobenzene	180	U	ug/Kg	39	180	1.0
Benzyl alcohol	360	U	ug/Kg	180	360	1.0
2-Methylphenol	180	U	ug/Kg	51	180	1.0
2,2'-oxybis[1-chloropropane]	180	U	ug/Kg	44	180	1.0
N-Nitrosodi-n-propylamine	180	U	ug/Kg	49	180	1.0
Hexachloroethane	180	U	ug/Kg	41	180	1.0
4-Methylphenol	180	U	ug/Kg	65	180	1.0
2-Chlorophenol	180	U	ug/Kg	48	180	1.0
Nitrobenzene	36	U	ug/Kg	9.6	36	1.0
Bis(2-chloroethoxy)methane	180	U	ug/Kg	39	180	1.0
1,2,4-Trichlorobenzene	180	U	ug/Kg	42	180	1.0
Benzoic acid	1800	U	ug/Kg	420	1800	1.0
Isophorone	180	U	ug/Kg	44	180	1.0
2,4-Dimethylphenol	360	U	ug/Kg	81	360	1.0
Hexachlorobutadiene	180	U	ug/Kg	39	180	1.0
Naphthalene	36	U	ug/Kg	7.2	36	1.0
2,4-Dichlorophenol	360	U	ug/Kg	81	360	1.0
4-Chloroaniline	740	U	ug/Kg	180	740	1.0
2,4,6-Trichlorophenol	360	U	ug/Kg	78	360	1.0
2,4,5-Trichlorophenol	360	U	ug/Kg	110	360	1.0
Hexachlorocyclopentadiene	740	U	ug/Kg	200	740	1.0
2-Methylnaphthalene	180	U	ug/Kg	45	180	1.0
2-Nitroaniline	180	U	ug/Kg	53	180	1.0
2-Chloronaphthalene	180	U	ug/Kg	40	180	1.0
4-Chloro-3-methylphenol	360	U	ug/Kg	110	360	1.0
2,6-Dinitrotoluene	180	U	ug/Kg	52	180	1.0
2-Nitrophenol	360	U	ug/Kg	100	360	1.0
3-Nitroaniline	360	U	ug/Kg	160	360	1.0
Dimethyl phthalate	180	U	ug/Kg	41	180	1.0
2,4-Dinitrophenol	740	U	ug/Kg	530	740	1.0
Acenaphthylene	36	U	ug/Kg	11	36	1.0
2,4-Dinitrotoluene	180	U	ug/Kg	60	180	1.0

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Job Number: 500-5231-1

Client Sample ID: VPBH-20
Lab Sample ID: 500-5231-8

Date Sampled: 07/11/2007 1220
Date Received: 07/13/2007 0945
Client Matrix: Solid
Percent Solids: 90

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Acenaphthene	36	U	ug/Kg	7.6	36	1.0
Dibenzofuran	180	U	ug/Kg	37	180	1.0
4-Nitrophenol	740	U	ug/Kg	130	740	1.0
Fluorene	36	U	ug/Kg	8.1	36	1.0
4-Nitroaniline	360	U	ug/Kg	73	360	1.0
4-Bromophenyl phenyl ether	180	U	ug/Kg	46	180	1.0
Hexachlorobenzene	74	U	ug/Kg	8.0	74	1.0
Diethyl phthalate	180	U	ug/Kg	47	180	1.0
4-Chlorophenyl phenyl ether	180	U	ug/Kg	42	180	1.0
Pentachlorophenol	740	U	ug/Kg	260	740	1.0
N-Nitrosodiphenylamine	180	U	ug/Kg	42	180	1.0
4,6-Dinitro-2-methylphenol	360	U	ug/Kg	140	360	1.0
Phenanthrene	36	J	ug/Kg	11	36	1.0
Anthracene	36	U	ug/Kg	13	36	1.0
Carbazole	180	U	ug/Kg	47	180	1.0
Di-n-butyl phthalate	180	U	ug/Kg	47	180	1.0
Benzidine	740	U	ug/Kg	16	740	1.0
Fluoranthene	85		ug/Kg	14	36	1.0
Pyrene	86		ug/Kg	8.6	36	1.0
Butyl benzyl phthalate	180	U	ug/Kg	51	180	1.0
Benzo[a]anthracene	70		ug/Kg	5.9	36	1.0
Chrysene	130		ug/Kg	9.5	36	1.0
3,3'-Dichlorobenzidine	180	U	ug/Kg	43	180	1.0
Bis(2-ethylhexyl) phthalate	58	J	ug/Kg	51	180	1.0
Di-n-octyl phthalate	180	U	ug/Kg	48	180	1.0
Benzo[b]fluoranthene	190		ug/Kg	11	36	1.0
Benzo[k]fluoranthene	53		ug/Kg	8.1	36	1.0
Benzo[a]pyrene	72		ug/Kg	8.7	36	1.0
Indeno[1,2,3-cd]pyrene	72		ug/Kg	20	36	1.0
Dibenz(a,h)anthracene	31	J	ug/Kg	20	36	1.0
Benzo[g,h,i]perylene	83		ug/Kg	6.2	36	1.0

Surrogate			Acceptance Limits
2-Fluorophenol	73	%	24 - 115
Phenol-d5	75	%	26 - 117
Nitrobenzene-d5	72	%	20 - 109
2-Fluorobiphenyl	77	%	31 - 107
2,4,6-Tribromophenol	76	%	24 - 134
Terphenyl-d14	92	%	45 - 123

Method: 6010B
Prep Method: 3050B

Date Analyzed: 07/20/2007 0738
Date Prepared: 07/16/2007 1655

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Job Number: 500-5231-1

Client Sample ID: VPBH-20
Lab Sample ID: 500-5231-8

Date Sampled: 07/11/2007 1220
Date Received: 07/13/2007 0945
Client Matrix: Solid
Percent Solids: 90

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Arsenic	6.1		mg/Kg	0.26	0.97	1.0
Barium	26		mg/Kg	0.43	0.97	1.0
Chromium	7.5		mg/Kg	0.11	0.97	1.0
Lead	17	^ B	mg/Kg	0.23	0.49	1.0
Selenium	0.53	J	mg/Kg	0.37	0.97	1.0
Silver	0.49	U	mg/Kg	0.097	0.49	1.0
Method: 6010B			Date Analyzed:	07/21/2007 0813		
Prep Method: 3050B			Date Prepared:	07/16/2007 1655		
Cadmium	0.19	U	mg/Kg	0.058	0.19	1.0
Method: 7471A			Date Analyzed:	07/17/2007 1349		
Prep Method: 7471A			Date Prepared:	07/17/2007 1050		
Mercury	0.043		mg/Kg	0.0059	0.019	1.0
Method: PercentMoisture			Date Analyzed:	07/15/2007 1450		
Percent Moisture	10		%	0.10	0.10	1.0

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Job Number: 500-5231-1

Client Sample ID: VPBH-21
Lab Sample ID: 500-5231-9

Date Sampled: 07/11/2007 1315
Date Received: 07/13/2007 0945
Client Matrix: Solid
Percent Solids: 85

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	07/15/2007 0910		
Prep Method: 5035			Date Prepared:	07/11/2007 1315		
Benzene	7.5	U	ug/Kg	1.0	7.5	1.0
1,1,2,2-Tetrachloroethane	7.5	U	ug/Kg	1.1	7.5	1.0
Vinyl chloride	7.5	U	ug/Kg	1.2	7.5	1.0
Bromomethane	7.5	U	ug/Kg	4.7	7.5	1.0
Chloroethane	7.5	U	ug/Kg	4.7	7.5	1.0
Acrolein	300	U	ug/Kg	50	300	1.0
1,1-Dichloroethene	7.5	U	ug/Kg	2.0	7.5	1.0
Carbon disulfide	7.5	U	ug/Kg	1.5	7.5	1.0
Acetone	67		ug/Kg	6.5	7.5	1.0
Methylene Chloride	7.5	U	ug/Kg	2.4	7.5	1.0
trans-1,2-Dichloroethene	7.5	U	ug/Kg	1.2	7.5	1.0
Methyl tert-butyl ether	7.5	U	ug/Kg	0.83	7.5	1.0
1,1-Dichloroethane	7.5	U	ug/Kg	0.89	7.5	1.0
Vinyl acetate	7.5	U	ug/Kg	1.2	7.5	1.0
cis-1,2-Dichloroethene	7.5	U	ug/Kg	0.84	7.5	1.0
2-Butanone (MEK)	7.5	U	ug/Kg	3.3	7.5	1.0
Chloroform	7.5	U	ug/Kg	1.0	7.5	1.0
Carbon tetrachloride	7.5	U	ug/Kg	1.1	7.5	1.0
1,2-Dichloroethane	7.5	U	ug/Kg	0.83	7.5	1.0
Trichloroethene	7.5	U	ug/Kg	1.0	7.5	1.0
1,2-Dichloropropane	7.5	U	ug/Kg	0.83	7.5	1.0
Bromodichloromethane	7.5	U	ug/Kg	0.86	7.5	1.0
cis-1,3-Dichloropropene	7.5	U	ug/Kg	0.88	7.5	1.0
4-Methyl-2-pentanone (MIBK)	7.5	U	ug/Kg	1.1	7.5	1.0
Toluene	7.5	U	ug/Kg	2.6	7.5	1.0
trans-1,3-Dichloropropene	7.5	U	ug/Kg	0.91	7.5	1.0
1,1,2-Trichloroethane	7.5	U	ug/Kg	1.2	7.5	1.0
Tetrachloroethene	7.5	U	ug/Kg	1.4	7.5	1.0
Chlorobenzene	7.5	U	ug/Kg	0.84	7.5	1.0
Ethylbenzene	7.5	U	ug/Kg	0.97	7.5	1.0
Styrene	7.5	U	ug/Kg	0.94	7.5	1.0
Bromoform	7.5	U	ug/Kg	1.1	7.5	1.0
Xylenes, Total	7.5	U	ug/Kg	2.7	7.5	1.0
n-Butyl alcohol	600	U	ug/Kg	420	600	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	119	%	74 - 143
Toluene-d8 (Surr)	102	%	75 - 130
4-Bromofluorobenzene (Surr)	85	%	75 - 120

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Job Number: 500-5231-1

Client Sample ID: VPBH-21
Lab Sample ID: 500-5231-9

Date Sampled: 07/11/2007 1315
Date Received: 07/13/2007 0945
Client Matrix: Solid
Percent Solids: 85

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate					Acceptance Limits	
Dibromofluoromethane	120		%		78 - 142	
Method: 8270C			Date Analyzed:		07/25/2007 2002	
Prep Method: 3541			Date Prepared:		07/19/2007 0831	
Phenol	1900	U	ug/Kg	490	1900	10
Bis(2-chloroethyl)ether	1900	U	ug/Kg	510	1900	10
1,3-Dichlorobenzene	1900	U	ug/Kg	360	1900	10
1,4-Dichlorobenzene	1900	U	ug/Kg	430	1900	10
1,2-Dichlorobenzene	1900	U	ug/Kg	390	1900	10
Benzyl alcohol	3700	U	ug/Kg	1800	3700	10
2-Methylphenol	1900	U	ug/Kg	520	1900	10
2,2'-oxybis[1-chloropropane]	1900	U	ug/Kg	450	1900	10
N-Nitrosodi-n-propylamine	1900	U	ug/Kg	500	1900	10
Hexachloroethane	1900	U	ug/Kg	410	1900	10
4-Methylphenol	1900	U	ug/Kg	660	1900	10
2-Chlorophenol	1900	U	ug/Kg	490	1900	10
Nitrobenzene	370	U	ug/Kg	98	370	10
Bis(2-chloroethoxy)methane	1900	U	ug/Kg	400	1900	10
1,2,4-Trichlorobenzene	1900	U	ug/Kg	430	1900	10
Benzoic acid	19000	U	ug/Kg	4300	19000	10
Isophorone	1900	U	ug/Kg	440	1900	10
2,4-Dimethylphenol	3700	U	ug/Kg	830	3700	10
Hexachlorobutadiene	1900	U	ug/Kg	400	1900	10
Naphthalene	600		ug/Kg	73	370	10
2,4-Dichlorophenol	3700	U	ug/Kg	820	3700	10
4-Chloroaniline	7500	U	ug/Kg	1800	7500	10
2,4,6-Trichlorophenol	3700	U	ug/Kg	800	3700	10
2,4,5-Trichlorophenol	3700	U	ug/Kg	1100	3700	10
Hexachlorocyclopentadiene	7500	U	ug/Kg	2000	7500	10
2-Methylnaphthalene	960	J	ug/Kg	460	1900	10
2-Nitroaniline	1900	U	ug/Kg	540	1900	10
2-Chloronaphthalene	1900	U	ug/Kg	410	1900	10
4-Chloro-3-methylphenol	3700	U	ug/Kg	1100	3700	10
2,6-Dinitrotoluene	1900	U	ug/Kg	520	1900	10
2-Nitrophenol	3700	U	ug/Kg	1000	3700	10
3-Nitroaniline	3700	U	ug/Kg	1600	3700	10
Dimethyl phthalate	1900	U	ug/Kg	420	1900	10
2,4-Dinitrophenol	7500	U	ug/Kg	5400	7500	10
Acenaphthylene	370	U	ug/Kg	110	370	10
2,4-Dinitrotoluene	1900	U	ug/Kg	610	1900	10

Ms. Sarah Rubin
URS Corporation
100 South Wacker Drive
Suite 500
Chicago, IL 60606

Job Number: 500-5231-1

Client Sample ID: VPBH-21
Lab Sample ID: 500-5231-9

Date Sampled: 07/11/2007 1315
Date Received: 07/13/2007 0945
Client Matrix: Solid
Percent Solids: 85

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Acenaphthene	370	U	ug/Kg	77	370	10
Dibenzofuran	1900	U	ug/Kg	370	1900	10
4-Nitrophenol	7500	U	ug/Kg	1300	7500	10
Fluorene	370	U	ug/Kg	82	370	10
4-Nitroaniline	3700	U	ug/Kg	750	3700	10
4-Bromophenyl phenyl ether	1900	U	ug/Kg	460	1900	10
Hexachlorobenzene	750	U	ug/Kg	81	750	10
Diethyl phthalate	1900	U	ug/Kg	480	1900	10
4-Chlorophenyl phenyl ether	1900	U	ug/Kg	430	1900	10
Pentachlorophenol	7500	U	ug/Kg	2600	7500	10
N-Nitrosodiphenylamine	1900	U	ug/Kg	430	1900	10
4,6-Dinitro-2-methylphenol	3700	U	ug/Kg	1500	3700	10
Phenanthrene	970		ug/Kg	120	370	10
Anthracene	370	U	ug/Kg	130	370	10
Carbazole	1900	U	ug/Kg	470	1900	10
Di-n-butyl phthalate	1900	U	ug/Kg	480	1900	10
Benzidine	7500	U	ug/Kg	170	7500	10
Fluoranthene	500		ug/Kg	140	370	10
Pyrene	830		ug/Kg	88	370	10
Butyl benzyl phthalate	1900	U	ug/Kg	520	1900	10
Benzo[a]anthracene	370	U	ug/Kg	60	370	10
Chrysene	370	U	ug/Kg	97	370	10
3,3'-Dichlorobenzidine	1900	U	ug/Kg	430	1900	10
Bis(2-ethylhexyl) phthalate	1900	U	ug/Kg	520	1900	10
Di-n-octyl phthalate	1900	U	ug/Kg	490	1900	10
Benzo[b]fluoranthene	530		ug/Kg	110	370	10
Benzo[k]fluoranthene	490		ug/Kg	82	370	10
Benzo[a]pyrene	520		ug/Kg	89	370	10
Indeno[1,2,3-cd]pyrene	470		ug/Kg	200	370	10
Dibenz(a,h)anthracene	370	U	ug/Kg	200	370	10
Benzo[g,h,i]perylene	740		ug/Kg	63	370	10

Surrogate			Acceptance Limits
2-Fluorophenol	60	%	24 - 115
Phenol-d5	54	%	26 - 117
Nitrobenzene-d5	54	%	20 - 109
2-Fluorobiphenyl	72	%	31 - 107
2,4,6-Tribromophenol	67	%	24 - 134
Terphenyl-d14	92	%	45 - 123

Method: 6010B
Prep Method: 3050B

Date Analyzed: 07/20/2007 0743
Date Prepared: 07/16/2007 1655

Ms. Sarah Rubin
URS Corporation
100 South Wacker Drive
Suite 500
Chicago, IL 60606

Job Number: 500-5231-1

Client Sample ID: VPBH-21
Lab Sample ID: 500-5231-9

Date Sampled: 07/11/2007 1315
Date Received: 07/13/2007 0945
Client Matrix: Solid
Percent Solids: 85

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Arsenic	7.1		mg/Kg	0.31	1.2	1.0
Barium	240		mg/Kg	0.51	1.2	1.0
Chromium	120		mg/Kg	0.13	1.2	1.0
Lead	1100	^ B	mg/Kg	0.28	0.58	1.0
Selenium	1.8		mg/Kg	0.44	1.2	1.0
Silver	0.27	J	mg/Kg	0.12	0.58	1.0
Method: 6010B			Date Analyzed:	07/21/2007 0818		
Prep Method: 3050B			Date Prepared:	07/16/2007 1655		
Cadmium	0.23	U	mg/Kg	0.070	0.23	1.0
Method: 7471A			Date Analyzed:	07/17/2007 1357		
Prep Method: 7471A			Date Prepared:	07/17/2007 1050		
Mercury	0.047		mg/Kg	0.0062	0.020	1.0
Method: PercentMoisture			Date Analyzed:	07/15/2007 1450		
Percent Moisture	15		%	0.10	0.10	1.0

DATA REPORTING QUALIFIERS

Client: URS Corporation Job Number: 500-5231-1

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Indicates the analyte was analyzed for but not detected.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
GC/MS Semi VOA		
	U	Indicates the analyte was analyzed for but not detected.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
Metals		
	B	Compound was found in the blank and sample.
	^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA or MRL standard: Instrument related QC exceeds the control limits.
	U	Indicates the analyte was analyzed for but not detected.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

QUALITY CONTROL RESULTS

Client: URS Corporation Job Number: 500-5231-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 500-18530					
500-5231-1	VPBH-15	T	Solid	5035	
500-5231-2	VPBH-16	T	Solid	5035	
500-5231-3	VPBH-17	T	Solid	5035	
500-5231-5	VPBH-09SS	T	Solid	5035	
500-5231-7	VPBH-19	T	Solid	5035	
500-5231-8	VPBH-20	T	Solid	5035	
500-5231-9	VPBH-21	T	Solid	5035	
Prep Batch: 500-18531					
500-5231-4	VPBH-18	T	Solid	5035	
500-5231-6	VPBH-10	T	Solid	5035	
Analysis Batch:500-18558					
LCS 500-18558/5	Lab Control Spike	T	Solid	8260B	
MB 500-18558/4	Method Blank	T	Solid	8260B	
500-5231-1	VPBH-15	T	Solid	8260B	500-18530
500-5231-2	VPBH-16	T	Solid	8260B	500-18530
500-5231-3	VPBH-17	T	Solid	8260B	500-18530
500-5231-5	VPBH-09SS	T	Solid	8260B	500-18530
500-5231-7	VPBH-19	T	Solid	8260B	500-18530
500-5231-8	VPBH-20	T	Solid	8260B	500-18530
500-5231-9	VPBH-21	T	Solid	8260B	500-18530
Analysis Batch:500-18908					
LCS 500-18908/5	Lab Control Spike	T	Solid	8260B	
MB 500-18908/4	Method Blank	T	Solid	8260B	
500-5231-4	VPBH-18	T	Solid	8260B	500-18531
500-5231-6	VPBH-10	T	Solid	8260B	500-18531

Report Basis
T = Total

Client: URS Corporation Job Number: 500-5231-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 500-18818					
LCS 500-18818/2-B	Lab Control Spike	T	Solid	3541	
MB 500-18818/1-A	Method Blank	T	Solid	3541	
500-5231-1	VPBH-15	T	Solid	3541	
500-5231-2	VPBH-16	T	Solid	3541	
500-5231-3	VPBH-17	T	Solid	3541	
500-5231-4	VPBH-18	T	Solid	3541	
500-5231-5	VPBH-09SS	T	Solid	3541	
500-5231-6	VPBH-10	T	Solid	3541	
500-5231-7	VPBH-19	T	Solid	3541	
500-5231-8	VPBH-20	T	Solid	3541	
500-5231-9	VPBH-21	T	Solid	3541	
Analysis Batch:500-19069					
500-5231-1	VPBH-15	T	Solid	8270C	500-18818
500-5231-2	VPBH-16	T	Solid	8270C	500-18818
500-5231-3	VPBH-17	T	Solid	8270C	500-18818
500-5231-4	VPBH-18	T	Solid	8270C	500-18818
500-5231-6	VPBH-10	T	Solid	8270C	500-18818
500-5231-7	VPBH-19	T	Solid	8270C	500-18818
500-5231-8	VPBH-20	T	Solid	8270C	500-18818
Analysis Batch:500-19346					
LCS 500-18818/2-B	Lab Control Spike	T	Solid	8270C	500-18818
MB 500-18818/1-A	Method Blank	T	Solid	8270C	500-18818
500-5231-5	VPBH-09SS	T	Solid	8270C	500-18818
500-5231-9	VPBH-21	T	Solid	8270C	500-18818

Report Basis
T = Total

Client: URS Corporation Job Number: 500-5231-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 500-18618					
LCS 500-18618/2-A	Lab Control Spike	T	Solid	3050B	
MB 500-18618/1-A	Method Blank	T	Solid	3050B	
500-5231-1	VPBH-15	T	Solid	3050B	
500-5231-2	VPBH-16	T	Solid	3050B	
500-5231-3	VPBH-17	T	Solid	3050B	
500-5231-4	VPBH-18	T	Solid	3050B	
500-5231-5	VPBH-09SS	T	Solid	3050B	
500-5231-6	VPBH-10	T	Solid	3050B	
500-5231-7	VPBH-19	T	Solid	3050B	
500-5231-8	VPBH-20	T	Solid	3050B	
500-5231-9	VPBH-21	T	Solid	3050B	
Prep Batch: 500-18684					
LCS 500-18684/2-A	Lab Control Spike	T	Solid	7471A	
MB 500-18684/1-A	Method Blank	T	Solid	7471A	
500-5231-1	VPBH-15	T	Solid	7471A	
500-5231-2	VPBH-16	T	Solid	7471A	
500-5231-3	VPBH-17	T	Solid	7471A	
500-5231-4	VPBH-18	T	Solid	7471A	
500-5231-5	VPBH-09SS	T	Solid	7471A	
500-5231-6	VPBH-10	T	Solid	7471A	
500-5231-7	VPBH-19	T	Solid	7471A	
500-5231-8	VPBH-20	T	Solid	7471A	
500-5231-8DU	Duplicate	T	Solid	7471A	
500-5231-8MS	Matrix Spike	T	Solid	7471A	
500-5231-8MSD	Matrix Spike Duplicate	T	Solid	7471A	
500-5231-9	VPBH-21	T	Solid	7471A	
Analysis Batch:500-18695					
LCS 500-18684/2-A	Lab Control Spike	T	Solid	7471A	500-18684
MB 500-18684/1-A	Method Blank	T	Solid	7471A	500-18684
500-5231-1	VPBH-15	T	Solid	7471A	500-18684
500-5231-2	VPBH-16	T	Solid	7471A	500-18684
500-5231-3	VPBH-17	T	Solid	7471A	500-18684
500-5231-4	VPBH-18	T	Solid	7471A	500-18684
500-5231-5	VPBH-09SS	T	Solid	7471A	500-18684
500-5231-6	VPBH-10	T	Solid	7471A	500-18684
500-5231-7	VPBH-19	T	Solid	7471A	500-18684
500-5231-8	VPBH-20	T	Solid	7471A	500-18684
500-5231-8DU	Duplicate	T	Solid	7471A	500-18684
500-5231-8MS	Matrix Spike	T	Solid	7471A	500-18684
500-5231-8MSD	Matrix Spike Duplicate	T	Solid	7471A	500-18684
500-5231-9	VPBH-21	T	Solid	7471A	500-18684

Client: URS Corporation Job Number: 500-5231-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:500-18941					
LCS 500-18618/2-A	Lab Control Spike	T	Solid	6010B	500-18618
MB 500-18618/1-A	Method Blank	T	Solid	6010B	500-18618
500-5231-1	VPBH-15	T	Solid	6010B	500-18618
500-5231-2	VPBH-16	T	Solid	6010B	500-18618
500-5231-3	VPBH-17	T	Solid	6010B	500-18618
500-5231-4	VPBH-18	T	Solid	6010B	500-18618
500-5231-5	VPBH-09SS	T	Solid	6010B	500-18618
500-5231-6	VPBH-10	T	Solid	6010B	500-18618
500-5231-7	VPBH-19	T	Solid	6010B	500-18618
500-5231-8	VPBH-20	T	Solid	6010B	500-18618
500-5231-9	VPBH-21	T	Solid	6010B	500-18618
Analysis Batch:500-18990					
LCS 500-18618/2-A	Lab Control Spike	T	Solid	6010B	500-18618
MB 500-18618/1-A	Method Blank	T	Solid	6010B	500-18618
500-5231-1	VPBH-15	T	Solid	6010B	500-18618
500-5231-2	VPBH-16	T	Solid	6010B	500-18618
500-5231-3	VPBH-17	T	Solid	6010B	500-18618
500-5231-4	VPBH-18	T	Solid	6010B	500-18618
500-5231-5	VPBH-09SS	T	Solid	6010B	500-18618
500-5231-6	VPBH-10	T	Solid	6010B	500-18618
500-5231-7	VPBH-19	T	Solid	6010B	500-18618
500-5231-8	VPBH-20	T	Solid	6010B	500-18618
500-5231-9	VPBH-21	T	Solid	6010B	500-18618

Report Basis
T = Total

General Chemistry

Analysis Batch:500-18546					
500-5231-1	VPBH-15	T	Solid	PercentMoisture	
500-5231-2	VPBH-16	T	Solid	PercentMoisture	
500-5231-3	VPBH-17	T	Solid	PercentMoisture	
500-5231-4	VPBH-18	T	Solid	PercentMoisture	
500-5231-5	VPBH-09SS	T	Solid	PercentMoisture	
500-5231-6	VPBH-10	T	Solid	PercentMoisture	
500-5231-7	VPBH-19	T	Solid	PercentMoisture	
500-5231-8	VPBH-20	T	Solid	PercentMoisture	
500-5231-9	VPBH-21	T	Solid	PercentMoisture	

Report Basis
T = Total

STL Chicago

Client: URS Corporation Job Number: 500-5231-1

Surrogate Recovery Report

8260B Volatile Organic Compounds by GC/MS

Client Matrix: Solid

Lab Sample ID	Client Sample ID	(BFB) (%Rec)	(DCE) (%Rec)	(DFM) (%Rec)	(TOL) (%Rec)
LCS 500-18558/5		102	101	106	105
MB 500-18558/4		99	101	103	105

Surrogate		Acceptance Limits
(BFB)	4-Bromofluorobenzene (Surr)	75 - 120
(DCE)	1,2-Dichloroethane-d4 (Surr)	74 - 143
(DFM)	Dibromofluoromethane	78 - 142
(TOL)	Toluene-d8 (Surr)	75 - 130

Client: URS Corporation Job Number: 500-5231-1

Surrogate Recovery Report

8260B Volatile Organic Compounds by GC/MS

Client Matrix: Solid

Lab Sample ID	Client Sample ID	(BFB) (%Rec)	(DCE) (%Rec)	(DFM) (%Rec)	(TOL) (%Rec)
500-5231-1	VPBH-15	100	108	104	105
500-5231-2	VPBH-16	91	123	116	109
500-5231-3	VPBH-17	100	114	106	107
500-5231-5	VPBH-09SS	86	107	98	97
500-5231-7	VPBH-19	98	111	106	103
500-5231-8	VPBH-20	101	109	107	106
500-5231-9	VPBH-21	85	119	120	102

Surrogate		Acceptance Limits
(BFB)	4-Bromofluorobenzene (Surr)	75 - 120
(DCE)	1,2-Dichloroethane-d4 (Surr)	74 - 143
(DFM)	Dibromofluoromethane	78 - 142
(TOL)	Toluene-d8 (Surr)	75 - 130

Client: URS Corporation

Job Number: 500-5231-1

Surrogate Recovery Report

8260B Volatile Organic Compounds by GC/MS

Client Matrix: Solid

Lab Sample ID	Client Sample ID	(BFB) (%Rec)	(DCE) (%Rec)	(DFM) (%Rec)	(TOL) (%Rec)
LCS 500-18908/5		104	97	99	102
MB 500-18908/4		101	99	98	100

Surrogate		Acceptance Limits
(BFB)	4-Bromofluorobenzene (Surr)	75 - 120
(DCE)	1,2-Dichloroethane-d4 (Surr)	70 - 125
(DFM)	Dibromofluoromethane	75 - 120
(TOL)	Toluene-d8 (Surr)	75 - 120

Client: URS Corporation Job Number: 500-5231-1

Surrogate Recovery Report

8260B Volatile Organic Compounds by GC/MS

Client Matrix: Solid

Lab Sample ID	Client Sample ID	(BFB) (%Rec)	(DCE) (%Rec)	(DFM) (%Rec)	(TOL) (%Rec)
500-5231-4	VPBH-18	99	98	96	102
500-5231-6	VPBH-10	102	96	97	101

Surrogate		Acceptance Limits
(BFB)	4-Bromofluorobenzene (Surr)	75 - 120
(DCE)	1,2-Dichloroethane-d4 (Surr)	70 - 125
(DFM)	Dibromofluoromethane	75 - 120
(TOL)	Toluene-d8 (Surr)	75 - 120

Client: URS Corporation Job Number: 500-5231-1

Surrogate Recovery Report

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	(2FP) (%Rec)	(FBP) (%Rec)	(NBZ) (%Rec)	(PHL) (%Rec)	(TBP) (%Rec)	(TPH) (%Rec)
500-5231-1	VPBH-15	51	64	59	51	69	82
500-5231-2	VPBH-16	53	69	53	56	66	76
500-5231-3	VPBH-17	62	66	63	63	67	81
500-5231-4	VPBH-18	48	82	72	77	90	94
500-5231-5	VPBH-09SS	81	96	66	85	99	123
500-5231-6	VPBH-10	69	86	72	71	87	95
500-5231-7	VPBH-19	68	74	70	73	76	82
500-5231-8	VPBH-20	73	77	72	75	76	92
500-5231-9	VPBH-21	60	72	54	54	67	92
LCS 500-18818/2-B		84	81	82	91	87	110
MB 500-18818/1-A		81	80	81	85	63	94

Surrogate		Acceptance Limits
(2FP)	2-Fluorophenol	24 - 115
(FBP)	2-Fluorobiphenyl	31 - 107
(NBZ)	Nitrobenzene-d5	20 - 109
(PHL)	Phenol-d5	26 - 117
(TBP)	2,4,6-Tribromophenol	24 - 134
(TPH)	Terphenyl-d14	45 - 123

Client: URS Corporation

Job Number: 500-5231-1

Method Blank - Batch: 500-18558

Method: 8260B
Preparation: N/A

Lab Sample ID: MB 500-18558/4
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 07/15/2007 0612
Date Prepared: N/A

Analysis Batch: 500-18558
Prep Batch: N/A
Units: ug/Kg

Instrument ID: Agilent 6890N GC - 5975N
Lab File ID: 19M0715a.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
1,1,2,2-Tetrachloroethane	5.0	U	0.71	5.0
Vinyl chloride	5.0	U	0.78	5.0
Bromomethane	5.0	U	3.1	5.0
Chloroethane	5.0	U	3.1	5.0
Acrolein	200	U	33	200
Benzene	5.0	U	0.69	5.0
1,1-Dichloroethene	5.0	U	1.3	5.0
Carbon disulfide	5.0	U	1.0	5.0
Acetone	5.0	U	4.3	5.0
Methylene Chloride	5.0	U	1.6	5.0
trans-1,2-Dichloroethene	5.0	U	0.77	5.0
Methyl tert-butyl ether	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	0.59	5.0
Vinyl acetate	5.0	U	0.79	5.0
cis-1,2-Dichloroethene	5.0	U	0.56	5.0
2-Butanone (MEK)	5.0	U	2.2	5.0
Chloroform	5.0	U	0.68	5.0
Carbon tetrachloride	5.0	U	0.73	5.0
1,2-Dichloroethane	5.0	U	0.55	5.0
Trichloroethene	5.0	U	0.66	5.0
1,2-Dichloropropane	5.0	U	0.55	5.0
Bromodichloromethane	5.0	U	0.57	5.0
cis-1,3-Dichloropropene	5.0	U	0.58	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.72	5.0
Toluene	5.0	U	1.7	5.0
trans-1,3-Dichloropropene	5.0	U	0.60	5.0
1,1,2-Trichloroethane	5.0	U	0.82	5.0
Tetrachloroethene	5.0	U	0.90	5.0
Chlorobenzene	5.0	U	0.56	5.0
Ethylbenzene	5.0	U	0.64	5.0
Styrene	5.0	U	0.62	5.0
Bromoform	5.0	U	0.74	5.0
Xylenes, Total	5.0	U	1.8	5.0
n-Butyl alcohol	400	U	280	400

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101	74 - 143
Toluene-d8 (Surr)	105	75 - 130
4-Bromofluorobenzene (Surr)	99	75 - 120
Dibromofluoromethane	103	78 - 142

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: URS Corporation

Job Number: 500-5231-1

Lab Control Spike - Batch: 500-18558

Method: 8260B
Preparation: N/A

Lab Sample ID: LCS 500-18558/5
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 07/15/2007 0542
Date Prepared: N/A

Analysis Batch: 500-18558
Prep Batch: N/A
Units: ug/Kg

Instrument ID: Agilent 6890N GC - 5975N
Lab File ID: 19S0715.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,2,2-Tetrachloroethane	50.0	47.2	94	75 - 120	
Vinyl chloride	50.0	50.5	101	56 - 133	
Bromomethane	50.0	50.1	100	60 - 153	
Chloroethane	50.0	47.8	96	58 - 138	
Benzene	50.0	47.2	94	74 - 120	
1,1-Dichloroethene	50.0	47.4	95	54 - 135	
Carbon disulfide	50.0	32.2	64	37 - 133	
Acetone	50.0	40.0	80	17 - 181	
Methylene Chloride	50.0	50.7	101	67 - 120	
trans-1,2-Dichloroethene	50.0	48.1	96	65 - 120	
Methyl tert-butyl ether	50.0	47.8	96	68 - 120	
1,1-Dichloroethane	50.0	46.6	93	67 - 120	
Vinyl acetate	50.0	40.3	81	40 - 131	
cis-1,2-Dichloroethene	50.0	50.0	100	74 - 120	
2-Butanone (MEK)	50.0	37.7	75	38 - 141	
Chloroform	50.0	46.8	94	73 - 120	
Carbon tetrachloride	50.0	46.3	93	66 - 120	
1,2-Dichloroethane	50.0	46.3	93	63 - 120	
Trichloroethene	50.0	45.7	91	72 - 125	
1,2-Dichloropropane	50.0	47.0	94	71 - 120	
Bromodichloromethane	50.0	52.2	104	78 - 120	
cis-1,3-Dichloropropene	53.8	48.9	91	69 - 120	
4-Methyl-2-pentanone (MIBK)	50.0	46.3	93	61 - 120	
Toluene	50.0	46.9	94	77 - 125	
trans-1,3-Dichloropropene	48.6	41.9	86	66 - 120	
1,1,2-Trichloroethane	50.0	47.1	94	78 - 120	
Tetrachloroethene	50.0	43.3	87	72 - 120	
Chlorobenzene	50.0	44.6	89	77 - 125	
Ethylbenzene	50.0	46.4	93	79 - 120	
Styrene	50.0	47.5	95	79 - 120	
Bromoform	50.0	40.8	82	69 - 120	
Xylenes, Total	150	139	92	77 - 120	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101	74 - 143
Toluene-d8 (Surr)	105	75 - 130
4-Bromofluorobenzene (Surr)	102	75 - 120
Dibromofluoromethane	106	78 - 142

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: URS Corporation

Job Number: 500-5231-1

Method Blank - Batch: 500-18908

Method: 8260B
Preparation: N/A

Lab Sample ID: MB 500-18908/4
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 07/19/2007 1400
Date Prepared: N/A

Analysis Batch: 500-18908
Prep Batch: N/A
Units: ug/Kg

Instrument ID: Agilent 6890N GC - 5975N
Lab File ID: 18M0719.D
Initial Weight/Volume: 0.1 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
1,1,2,2-Tetrachloroethane	50	U	14	50
Vinyl chloride	25	U	13	25
Bromomethane	100	U	49	100
Chloroethane	100	U	19	100
Acrolein	2000	U	980	2000
Benzene	25	U	4.4	25
1,1-Dichloroethene	50	U	14	50
Carbon disulfide	100	U	9.0	100
Acetone	200	U	62	200
Methylene Chloride	100	U	30	100
trans-1,2-Dichloroethene	50	U	10	50
Methyl tert-butyl ether	100	U	12	100
1,1-Dichloroethane	50	U	10	50
Vinyl acetate	100	U	17	100
cis-1,2-Dichloroethene	50	U	14	50
2-Butanone (MEK)	100	U	56	100
Chloroform	50	U	10	50
Carbon tetrachloride	50	U	30	50
1,2-Dichloroethane	50	U	13	50
Trichloroethene	25	U	11	25
1,2-Dichloropropane	50	U	13	50
Bromodichloromethane	100	U	8.5	100
cis-1,3-Dichloropropene	50	U	9.5	50
4-Methyl-2-pentanone (MIBK)	100	U	64	100
Toluene	25	U	6.0	25
trans-1,3-Dichloropropene	50	U	19	50
1,1,2-Trichloroethane	50	U	17	50
Tetrachloroethene	50	U	20	50
Chlorobenzene	50	U	12	50
Ethylbenzene	25	U	8.5	25
Styrene	50	U	16	50
Bromoform	100	U	18	100
Xylenes, Total	50	U	22	50
n-Butyl alcohol	10000	U	3800	10000

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99	70 - 125
Toluene-d8 (Surr)	100	75 - 120
4-Bromofluorobenzene (Surr)	101	75 - 120
Dibromofluoromethane	98	75 - 120

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: URS Corporation

Job Number: 500-5231-1

Lab Control Spike - Batch: 500-18908

Method: 8260B
Preparation: N/A

Lab Sample ID: LCS 500-18908/5
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 07/19/2007 1423
Date Prepared: N/A

Analysis Batch: 500-18908
Prep Batch: N/A
Units: ug/Kg

Instrument ID: Agilent 6890N GC - 5975N
Lab File ID: 18S0719.D
Initial Weight/Volume: 0.1 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,2,2-Tetrachloroethane	2500	2140	85	57 - 124	
Vinyl chloride	2500	2310	92	51 - 149	
Bromomethane	2500	2330	93	48 - 180	
Chloroethane	2500	2300	92	50 - 155	
Benzene	2500	2240	89	69 - 120	
1,1-Dichloroethene	2500	1920	77	53 - 120	
Carbon disulfide	2500	1570	63	37 - 128	
Acetone	2500	1910	76	20 - 181	
Methylene Chloride	2500	2080	83	50 - 124	
trans-1,2-Dichloroethene	2500	2130	85	58 - 120	
Methyl tert-butyl ether	2500	2310	92	47 - 133	
1,1-Dichloroethane	2500	2100	84	64 - 120	
Vinyl acetate	2500	2600	104	38 - 157	
cis-1,2-Dichloroethene	2500	2340	94	63 - 122	
2-Butanone (MEK)	2500	2130	85	21 - 157	
Chloroform	2500	2200	88	65 - 122	
Carbon tetrachloride	2500	2320	93	68 - 127	
1,2-Dichloroethane	2500	2190	88	63 - 123	
Trichloroethene	2500	2270	91	74 - 120	
1,2-Dichloropropane	2500	2210	89	72 - 120	
Bromodichloromethane	2500	2640	106	70 - 130	
cis-1,3-Dichloropropene	2690	2200	82	56 - 121	
4-Methyl-2-pentanone (MIBK)	2500	2170	87	46 - 142	
Toluene	2500	2340	94	70 - 120	
trans-1,3-Dichloropropene	2430	2020	83	50 - 123	
1,1,2-Trichloroethane	2500	2320	93	55 - 128	
Tetrachloroethene	2500	2120	85	67 - 124	
Chlorobenzene	2500	2250	90	78 - 120	
Ethylbenzene	2500	2320	93	76 - 120	
Styrene	2500	2370	95	77 - 121	
Bromoform	2500	2160	86	53 - 120	
Xylenes, Total	7500	7160	95	68 - 125	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97	70 - 125
Toluene-d8 (Surr)	102	75 - 120
4-Bromofluorobenzene (Surr)	104	75 - 120
Dibromofluoromethane	99	75 - 120

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: URS Corporation

Job Number: 500-5231-1

Method Blank - Batch: 500-18818

Method: 8270C
Preparation: 3541

Lab Sample ID: MB 500-18818/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 07/23/2007 1332
Date Prepared: 07/19/2007 0831

Analysis Batch: 500-19346
Prep Batch: 500-18818
Units: ug/Kg

Instrument ID: Agilent 6890N GC - 5973N
Lab File ID: 18818M.D
Initial Weight/Volume: 15.000 g
Final Weight/Volume: 0.5 mL
Injection Volume:

Analyte	Result	Qual	MDL	RL
Phenol	170	U	43	170
Bis(2-chloroethyl)ether	170	U	46	170
1,3-Dichlorobenzene	170	U	32	170
1,4-Dichlorobenzene	170	U	38	170
1,2-Dichlorobenzene	170	U	35	170
Benzyl alcohol	330	U	160	330
2-Methylphenol	170	U	46	170
2,2'-oxybis[1-chloropropane]	170	U	40	170
N-Nitrosodi-n-propylamine	170	U	44	170
Hexachloroethane	170	U	37	170
4-Methylphenol	170	U	59	170
2-Chlorophenol	170	U	43	170
Nitrobenzene	33	U	8.7	33
Bis(2-chloroethoxy)methane	170	U	35	170
1,2,4-Trichlorobenzene	170	U	38	170
Benzoic acid	1700	U	380	1700
Isophorone	170	U	40	170
2,4-Dimethylphenol	330	U	74	330
Hexachlorobutadiene	170	U	36	170
Naphthalene	33	U	6.5	33
2,4-Dichlorophenol	330	U	73	330
4-Chloroaniline	670	U	160	670
2,4,6-Trichlorophenol	330	U	71	330
2,4,5-Trichlorophenol	330	U	99	330
Hexachlorocyclopentadiene	670	U	180	670
2-Methylnaphthalene	170	U	41	170
2-Nitroaniline	170	U	48	170
2-Chloronaphthalene	170	U	36	170
4-Chloro-3-methylphenol	330	U	99	330
2,6-Dinitrotoluene	170	U	47	170
2-Nitrophenol	330	U	92	330
3-Nitroaniline	330	U	150	330
Dimethyl phthalate	170	U	38	170
2,4-Dinitrophenol	670	U	480	670
Acenaphthylene	33	U	10	33
2,4-Dinitrotoluene	170	U	55	170
Acenaphthene	33	U	6.9	33
Dibenzofuran	170	U	33	170
4-Nitrophenol	670	U	120	670
Fluorene	33	U	7.3	33
4-Nitroaniline	330	U	66	330

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: URS Corporation

Job Number: 500-5231-1

Method Blank - Batch: 500-18818

Method: 8270C
Preparation: 3541

Lab Sample ID: MB 500-18818/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 07/23/2007 1332
Date Prepared: 07/19/2007 0831

Analysis Batch: 500-19346
Prep Batch: 500-18818
Units: ug/Kg

Instrument ID: Agilent 6890N GC - 5973N
Lab File ID: 18818M.D
Initial Weight/Volume: 15.000 g
Final Weight/Volume: 0.5 mL
Injection Volume:

Analyte	Result	Qual	MDL	RL
4-Bromophenyl phenyl ether	170	U	41	170
Hexachlorobenzene	67	U	7.2	67
Diethyl phthalate	170	U	43	170
4-Chlorophenyl phenyl ether	170	U	38	170
Pentachlorophenol	670	U	230	670
N-Nitrosodiphenylamine	170	U	38	170
4,6-Dinitro-2-methylphenol	330	U	130	330
Phenanthrene	33	U	10	33
Anthracene	33	U	12	33
Carbazole	170	U	42	170
Di-n-butyl phthalate	170	U	43	170
Benzidine	670	U	15	670
Fluoranthene	33	U	13	33
Pyrene	33	U	7.8	33
Butyl benzyl phthalate	170	U	47	170
Benzo[a]anthracene	33	U	5.3	33
Chrysene	33	U	8.6	33
3,3'-Dichlorobenzidine	170	U	39	170
Bis(2-ethylhexyl) phthalate	170	U	46	170
Di-n-octyl phthalate	170	U	43	170
Benzo[b]fluoranthene	33	U	9.8	33
Benzo[k]fluoranthene	33	U	7.3	33
Benzo[a]pyrene	33	U	7.9	33
Indeno[1,2,3-cd]pyrene	33	U	18	33
Dibenz(a,h)anthracene	33	U	18	33
Benzo[g,h,i]perylene	33	U	5.6	33

Surrogate	% Rec	Acceptance Limits
2-Fluorophenol	81	24 - 115
Phenol-d5	85	26 - 117
Nitrobenzene-d5	81	20 - 109
2-Fluorobiphenyl	80	31 - 107
2,4,6-Tribromophenol	63	24 - 134
Terphenyl-d14	94	45 - 123

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: URS Corporation

Job Number: 500-5231-1

Lab Control Spike - Batch: 500-18818

Method: 8270C
Preparation: 3541

Lab Sample ID: LCS 500-18818/2-B
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 07/23/2007 1415
Date Prepared: 07/19/2007 0831

Analysis Batch: 500-19346
Prep Batch: 500-18818
Units: ug/Kg

Instrument ID: Agilent 6890N GC - 5973N
Lab File ID: 18818BS.D
Initial Weight/Volume: 15.000 g
Final Weight/Volume: 0.5 mL
Injection Volume:

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Phenol	1670	1420	85	59 - 110	
Bis(2-chloroethyl)ether	1670	1340	80	55 - 110	
1,3-Dichlorobenzene	1670	1210	73	54 - 110	
1,4-Dichlorobenzene	1670	1210	73	56 - 110	
1,2-Dichlorobenzene	1670	1280	77	58 - 110	
Benzyl alcohol	1670	1360	81	59 - 110	
2-Methylphenol	1670	1460	88	59 - 110	
2,2'-oxybis[1-chloropropane]	1670	1420	85	54 - 110	
N-Nitrosodi-n-propylamine	1670	1360	82	54 - 110	
Hexachloroethane	1670	1230	74	55 - 110	
4-Methylphenol	1670	1480	89	57 - 110	
2-Chlorophenol	1670	1410	85	63 - 110	
Nitrobenzene	1670	1290	78	58 - 110	
Bis(2-chloroethoxy)methane	1670	1350	81	62 - 110	
1,2,4-Trichlorobenzene	1670	1250	75	60 - 110	
Benzoic acid	1670	832	50	10 - 120	J
Isophorone	1670	1180	71	60 - 110	
2,4-Dimethylphenol	1670	1350	81	56 - 110	
Hexachlorobutadiene	1670	1250	75	57 - 110	
Naphthalene	1670	1270	76	60 - 110	
2,4-Dichlorophenol	1670	1340	81	61 - 110	
4-Chloroaniline	1670	1150	69	20 - 110	
2,4,6-Trichlorophenol	1670	1330	80	61 - 115	
2,4,5-Trichlorophenol	1670	1420	85	66 - 116	
Hexachlorocyclopentadiene	1670	862	52	20 - 110	
2-Methylnaphthalene	1670	1290	77	20 - 156	
2-Nitroaniline	1670	1350	81	58 - 125	
2-Chloronaphthalene	1670	1250	75	65 - 110	
4-Chloro-3-methylphenol	1670	1420	85	61 - 112	
2,6-Dinitrotoluene	1670	1490	89	66 - 117	
2-Nitrophenol	1670	1250	75	62 - 110	
3-Nitroaniline	1670	1160	70	29 - 114	
Dimethyl phthalate	1670	1330	80	67 - 110	
2,4-Dinitrophenol	1670	767	46	10 - 132	
Acenaphthylene	1670	1300	78	64 - 110	
2,4-Dinitrotoluene	1670	1400	84	65 - 123	
Acenaphthene	1670	1240	74	63 - 110	
Dibenzofuran	1670	1260	76	64 - 110	
4-Nitrophenol	1670	1210	72	33 - 137	
Fluorene	1670	1270	76	61 - 110	
4-Nitroaniline	1670	1270	76	52 - 120	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: URS Corporation

Job Number: 500-5231-1

Lab Control Spike - Batch: 500-18818

Method: 8270C
Preparation: 3541

Lab Sample ID: LCS 500-18818/2-B
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 07/23/2007 1415
Date Prepared: 07/19/2007 0831

Analysis Batch: 500-19346
Prep Batch: 500-18818
Units: ug/Kg

Instrument ID: Agilent 6890N GC - 5973N
Lab File ID: 18818BS.D
Initial Weight/Volume: 15.000 g
Final Weight/Volume: 0.5 mL
Injection Volume:

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
4-Bromophenyl phenyl ether	1670	1320	79	64 - 115	
Hexachlorobenzene	1670	1320	79	63 - 112	
Diethyl phthalate	1670	1370	82	67 - 111	
4-Chlorophenyl phenyl ether	1670	1220	73	65 - 112	
Pentachlorophenol	1670	1510	91	20 - 121	
N-Nitrosodiphenylamine	1670	1330	80	63 - 111	
4,6-Dinitro-2-methylphenol	1670	1060	64	17 - 124	
Phenanthrene	1670	1330	80	64 - 115	
Anthracene	1670	1300	78	64 - 110	
Carbazole	1670	1310	78	67 - 114	
Di-n-butyl phthalate	1670	1540	92	69 - 113	
Benzidine	1670	1040	62	10 - 113	
Fluoranthene	1670	1380	83	66 - 111	
Pyrene	1670	1610	96	65 - 114	
Butyl benzyl phthalate	1670	1680	101	68 - 112	
Benzo[a]anthracene	1670	1420	85	62 - 117	
Chrysene	1670	1440	87	61 - 118	
3,3'-Dichlorobenzidine	1670	1390	83	32 - 110	
Bis(2-ethylhexyl) phthalate	1670	1700	102	67 - 117	
Di-n-octyl phthalate	1670	1510	91	52 - 121	
Benzo[b]fluoranthene	1670	1400	84	54 - 121	
Benzo[k]fluoranthene	1670	1170	70	41 - 121	
Benzo[a]pyrene	1670	1310	78	56 - 111	
Indeno[1,2,3-cd]pyrene	1670	1230	74	56 - 113	
Dibenz(a,h)anthracene	1670	1240	75	54 - 116	
Benzo[g,h,i]perylene	1670	1260	76	59 - 117	

Surrogate	% Rec	Acceptance Limits
2-Fluorophenol	84	24 - 115
Phenol-d5	91	26 - 117
Nitrobenzene-d5	82	20 - 109
2-Fluorobiphenyl	81	31 - 107
2,4,6-Tribromophenol	87	24 - 134
Terphenyl-d14	110	45 - 123

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: URS Corporation Job Number: 500-5231-1

Method Blank - Batch: 500-18618

Method: 6010B
Preparation: 3050B

Lab Sample ID: MB 500-18618/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 07/20/2007 0513
Date Prepared: 07/16/2007 1655

Analysis Batch: 500-18941
Prep Batch: 500-18618
Units: mg/Kg

Instrument ID: TJA ICAP 61E Trace Analy
Lab File ID: P50719C
Initial Weight/Volume: 1.0000 g
Final Weight/Volume: 100 mL

Analyte	Result	Qual	MDL	RL
Arsenic	1.0	U	0.27	1.0
Barium	1.0	U	0.44	1.0
Chromium	1.0	U	0.11	1.0
Lead	0.34	J ^	0.24	0.50
Selenium	1.0	U	0.38	1.0
Silver	0.50	U	0.10	0.50

Method Blank - Batch: 500-18618

Method: 6010B
Preparation: 3050B

Lab Sample ID: MB 500-18618/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 07/21/2007 0548
Date Prepared: 07/16/2007 1655

Analysis Batch: 500-18990
Prep Batch: 500-18618
Units: mg/Kg

Instrument ID: TJA ICAP 61E Trace Analy
Lab File ID: P50720D
Initial Weight/Volume: 1.0000 g
Final Weight/Volume: 100 mL

Analyte	Result	Qual	MDL	RL
Cadmium	0.20	U	0.060	0.20

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: URS Corporation

Job Number: 500-5231-1

Lab Control Spike - Batch: 500-18618

Method: 6010B
Preparation: 3050B

Lab Sample ID: LCS 500-18618/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 07/20/2007 0517
Date Prepared: 07/16/2007 1655

Analysis Batch: 500-18941
Prep Batch: 500-18618
Units: mg/Kg

Instrument ID: TJA ICAP 61E Trace Analy
Lab File ID: P50719C
Initial Weight/Volume: 1.0000 g
Final Weight/Volume: 100 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Arsenic	10.0	9.36	94	80 - 120	
Barium	200	189	95	80 - 120	
Chromium	20.0	19.3	96	80 - 120	
Lead	10.0	9.84	98	80 - 120	^
Selenium	10.0	8.94	89	80 - 120	
Silver	5.00	4.54	91	80 - 120	

Lab Control Spike - Batch: 500-18618

Method: 6010B
Preparation: 3050B

Lab Sample ID: LCS 500-18618/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 07/21/2007 0553
Date Prepared: 07/16/2007 1655

Analysis Batch: 500-18990
Prep Batch: 500-18618
Units: mg/Kg

Instrument ID: TJA ICAP 61E Trace Analy
Lab File ID: P50720D
Initial Weight/Volume: 1.0000 g
Final Weight/Volume: 100 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cadmium	5.00	4.83	97	80 - 120	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: URS Corporation Job Number: 500-5231-1

Method Blank - Batch: 500-18684

Method: 7471A
Preparation: 7471A

Lab Sample ID: MB 500-18684/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 07/17/2007 1325
Date Prepared: 07/17/2007 1050

Analysis Batch: 500-18695
Prep Batch: 500-18684
Units: mg/Kg

Instrument ID: Leeman Labs PS200 Mercu
Lab File ID: N/A
Initial Weight/Volume: 0.6 g
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Mercury	0.017	U	0.0053	0.017

Lab Control Spike - Batch: 500-18684

Method: 7471A
Preparation: 7471A

Lab Sample ID: LCS 500-18684/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 07/17/2007 1327
Date Prepared: 07/17/2007 1050

Analysis Batch: 500-18695
Prep Batch: 500-18684
Units: mg/Kg

Instrument ID: Leeman Labs PS200 Mercu
Lab File ID: N/A
Initial Weight/Volume: 0.6 g
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.167	0.168	100	80 - 120	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 500-18684

Method: 7471A
Preparation: 7471A

MS Lab Sample ID: 500-5231-8
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 07/17/2007 1353
Date Prepared: 07/17/2007 1050

Analysis Batch: 500-18695
Prep Batch: 500-18684

Instrument ID: Leeman Labs PS200 Mer
Lab File ID: N/A
Initial Weight/Volume: 0.6 g
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 500-5231-8
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 07/17/2007 1355
Date Prepared: 07/17/2007 1050

Analysis Batch: 500-18695
Prep Batch: 500-18684

Instrument ID: Leeman Labs PS200 Mercu
Lab File ID: N/A
Initial Weight/Volume: 0.6 g
Final Weight/Volume: 50 mL

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Mercury	114	107	75 - 125	4	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: URS Corporation

Job Number: 500-5231-1

Duplicate - Batch: 500-18684

Method: 7471A
Preparation: 7471A

Lab Sample ID: 500-5231-8
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 07/17/2007 1351
Date Prepared: 07/17/2007 1050

Analysis Batch: 500-18695
Prep Batch: 500-18684
Units: mg/Kg

Instrument ID: Leeman Labs PS200 Mercu
Lab File ID: N/A
Initial Weight/Volume: 0.6 g
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Mercury	0.043	0.0412	4	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

8A

VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: STL-CHICAGO Contract:

Lab Code: 57222 Case No.: SAS No.: SDG No.: 010306

Lab File ID (Standard): 19I0313C Date Analyzed: 03/13/07

Instrument ID: MS19 Time Analyzed: 0841

Matrix:(soil/water) SOIL Level:(low/med) LOW Column:(pack/cap) CAP

		IS4(DCB) AREA #	RT	AREA #	RT	AREA #	RT
	12 HOUR STD	212472	9.58				
	UPPER LIMIT	424944	10.08				
	LOWER LIMIT	106236	9.08				
	EPA SAMPLE NO.						
01	LCS	229999	9.58				
02	MB	215992	9.58				
03	VPBH-15	232963	9.58				
04	VPBH-16	112490	9.58				
05	VPBH-17	202602	9.58				
06	VPBH-19	202800	9.58				
07	VPBH-20	210136	9.58				
08	VPBH-21	69035*	9.58				
09	VPBH-09SS	181643	9.58				
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IS4 (DCB) = 1,4-Dichlorobenzene-d4

UPPER LIMIT = +100% of internal standard area.

Column used to flag internal standard area values with an asterisk.

FORM VIII VOA

8A

VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: STL-CHICAGO Contract:

Lab Code: 57222 Case No.: SAS No.: SDG No.: 010306

Lab File ID (Standard): 19I0313C Date Analyzed: 03/13/07

Instrument ID: MS19 Time Analyzed: 0841

Matrix:(soil/water) SOIL Level:(low/med) LOW Column:(pack/cap) CAP

		IS1 AREA #	RT	IS2(DFB) AREA #	RT	IS3(CBZ) AREA #	RT
	12 HOUR STD	584580	4.13	861728	4.74	642292	7.33
	UPPER LIMIT	1169160	4.63	1723456	5.24	1284584	7.83
	LOWER LIMIT	292290	3.63	430864	4.24	321146	6.83
	EPA SAMPLE NO.						
01	LCS	534680	4.13	832437	4.74	624677	7.33
02	MB	490845	4.13	752576	4.74	580448	7.34
03	VPBH-15	549141	4.13	863204	4.74	662894	7.34
04	VPBH-16	458570	4.13	697777	4.74	460675	7.33
05	VPBH-17	517012	4.13	818224	4.74	619140	7.33
06	VPBH-19	483712	4.13	758737	4.75	587866	7.34
07	VPBH-20	473131	4.13	761679	4.74	584874	7.33
08	VPBH-21	396185	4.13	633474	4.74	372167	7.33
09	VPBH-09SS	507680	4.13	796325	4.74	584631	7.33
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IS1 = Pentafluorobenzene
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

FORM VIII VOA

VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: STL-CHICAGO Contract:

Lab Code: 57222 Case No.: SAS No.: SDG No.: 122905ASLOICAL

Lab File ID (Standard): 18I0604F Date Analyzed: 06/04/07

Instrument ID: MS18 Time Analyzed: 1500

Matrix:(soil/water) SOIL Level:(low/med) LOW Column:(pack/cap) CAP

		IS1 AREA #	RT	IS2(DFB) AREA #	RT	IS3(CBZ) AREA #	RT
	12 HOUR STD	427719	4.06	570040	4.67	429233	7.25
	UPPER LIMIT	855438	4.56	1140080	5.17	858466	7.75
	LOWER LIMIT	213860	3.56	285020	4.17	214617	6.75
	EPA SAMPLE NO.						
01	MB	293888	4.06	383629	4.67	292814	7.25
02	LCS	316129	4.06	415386	4.67	320763	7.25
03	VPBH-18	282954	4.06	369673	4.67	281210	7.25
04	VPBH 10	316107	4.06	419411	4.67	320127	7.25
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22							

IS1 = Pentafluorobenzene
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

FORM VIII VOA

8A

VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: STL-CHICAGO Contract:

Lab Code: 57222 Case No.: SAS No.: SDG No.: 122905ASLOICAL

Lab File ID (Standard): 18I0604F Date Analyzed: 06/04/07

Instrument ID: MS18 Time Analyzed: 1500

Matrix:(soil/water) SOIL Level:(low/med) LOW Column:(pack/cap) CAP

		IS4(DCB) AREA #	RT	AREA #	RT	AREA #	RT
	12 HOUR STD	170443	9.49				
	UPPER LIMIT	340886	9.99				
	LOWER LIMIT	85222	8.99				
	EPA SAMPLE NO.						
01	MB	108135	9.49				
02	LCS	133629	9.49				
03	VPBH-18	110746	9.49				
04	VPBH-10	126622	9.49				
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22							

IS4 (DCB) = 1,4-Dichlorobenzene-d4

UPPER LIMIT = +100% of internal standard area.

Column used to flag internal standard area values with an asterisk.

FORM VIII VOA

SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 5231

Lab File ID (Standard): 20I0710D Date Analyzed: 07/10/07

Instrument ID: MS20 Time Analyzed: 1536

		IS1(DCB) AREA #	RT	IS2(NPT) AREA #	RT	IS3(ANT) AREA #	RT
	12 HOUR STD	162632	4.68	542101	5.61	291710	6.99
	UPPER LIMIT	325264	5.18	1084202	6.11	583420	7.49
	LOWER LIMIT	81316	4.18	271051	5.11	145855	6.49
	EPA SAMPLE NO.						
01	MB 500-18818	251157	4.45	913103	5.38	513793	6.74
02	LCS 500-1881	221246	4.45	819133	5.39	473858	6.74
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IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

FORM VIII SV-1 1/87 Rev.

8C

SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 5231

Lab File ID (Standard): 20I0710D Date Analyzed: 07/10/07

Instrument ID: MS20 Time Analyzed: 1536

		IS4(PHN)		IS5(CRY)		IS6(PRY)	
		AREA #	RT	AREA #	RT	AREA #	RT
	12 HOUR STD	437453	8.20	467371	10.40	463479	11.66
	UPPER LIMIT	874906	8.70	934742	10.90	926958	12.16
	LOWER LIMIT	218727	7.70	233686	9.90	231740	11.16
	EPA SAMPLE NO.						
01	MB 500-18818	921128*	7.95	988641*	10.13	1157384*	11.30
02	LCS 500-1881	838343	7.95	835322	10.14	1011946*	11.30
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IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

8B

SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 5231

Lab File ID (Standard): 20I0710D Date Analyzed: 07/10/07

Instrument ID: MS20 Time Analyzed: 1536

		IS1(DCB) AREA #	RT	IS2(NPT) AREA #	RT	IS3(ANT) AREA #	RT
	12 HOUR STD	162632	4.68	542101	5.61	291710	6.99
	UPPER LIMIT	325264	5.18	1084202	6.11	583420	7.49
	LOWER LIMIT	81316	4.18	271051	5.11	145855	6.49
	EPA SAMPLE NO.						
01	VPBH-09SS	201244	4.35	748043	5.29	422713	6.64
02	VPBH 21	216074	4.35	780980	5.29	416723	6.64
03							
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22							

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

FORM VIII SV-1 1/87 Rev.

8C

SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 5231

Lab File ID (Standard): 20I0710D Date Analyzed: 07/10/07

Instrument ID: MS20 Time Analyzed: 1536

		IS4(PHN) AREA #	RT	IS5(CRY) AREA #	RT	IS6(PRY) AREA #	RT
	12 HOUR STD	437453	8.20	467371	10.40	463479	11.66
	UPPER LIMIT	874906	8.70	934742	10.90	926958	12.16
	LOWER LIMIT	218727	7.70	233686	9.90	231740	11.16
	EPA SAMPLE NO.						
01	VPBH-09SS	698235	7.85	679546	10.04	697133	11.18
02	VPBH-21	623127	7.86	541204	10.07	633937	11.23
03							
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22							

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene d12

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

8B

SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 5231

Lab File ID (Standard): 1I0720D Date Analyzed: 07/20/07

Instrument ID: MS01 Time Analyzed: 1510

		IS1(DCB) AREA #	RT	IS2(NPT) AREA #	RT	IS3(ANT) AREA #	RT
	12 HOUR STD	191596	4.71	789245	5.65	424892	7.03
	UPPER LIMIT	383192	5.21	1578490	6.15	849784	7.53
	LOWER LIMIT	95798	4.21	394623	5.15	212446	6.53
	EPA SAMPLE NO.						
01	VPBH-15	148575	4.71	566253	5.65	319372	7.03
02	VPBH-16	144870	4.71	565765	5.65	301167	7.03
03	VPBH-17	204876	4.71	797586	5.65	414287	7.03
04	VPBH-18	222611	4.71	831789	5.65	441418	7.03
05	~~VPBH-09SS~~	~~111252~~	~~4.71~~	~~432602~~	~~5.65~~	~~226302~~	~~7.03~~
06	VPBH-10	207411	4.71	800720	5.65	441243	7.03
07	VPBH-19	237217	4.71	922302	5.65	476425	7.03
08	VPBH-20	219402	4.71	870526	5.65	449895	7.03
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CVE 7/23/07

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

8C

SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 5231

Lab File ID (Standard): 1I0720D Date Analyzed: 07/20/07

Instrument ID: MS01 Time Analyzed: 1510

		IS4(PHN) AREA #	RT	IS5(CRY) AREA #	RT	IS6(PRY) AREA #	RT
	12 HOUR STD	628064	8.25	660078	10.46	616078	11.76
	UPPER LIMIT	1256128	8.75	1320156	10.96	1232156	12.26
	LOWER LIMIT	314032	7.75	330039	9.96	308039	11.26
	EPA SAMPLE NO.						
01	VPBH-15	523265	8.25	394489	10.46	363756	11.75
02	VPBH-16	415534	8.25	357392	10.47	376688	11.78
03	VPBH-17	681260	8.25	631951	10.46	584556	11.76
04	VPBH-18	521182	8.26	633054	10.48	675788	11.80
05	VPBH-09SS	342865	8.25	324743*	10.46	314053	11.77
06	VPBH-10	709776	8.26	710969	10.48	646751	11.81
07	VPBH-19	786907	8.26	760719	10.47	707305	11.78
08	VPBH-20	714535	8.26	650325	10.47	609208	11.79
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IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

SEVERN TRENT **STL**

STL Chicago
2417 Bond Street
University Park, IL 60466
Phone: 708-534-5200
Fax: 708-534-5211

Report To:
Contact: Sarah Rubin
Company: URS Corp
Address: 100 S. Wacker Dr Ste 500
Chicago, IL 60606
Phone: (312) 697-7236
Fax: (312) 939-4198
E-Mail:

Bill To:
Contact: Same as rpt to
Company:
Address:
Phone:
Fax:
PO#: Quote:

Shaded Areas For Internal Use Only ____ of ____

Lab Lot# 500-5231

Package Sealed	Samples Sealed
Yes No	Yes No
Received on Ice	**Samples Intact**
Yes No	Yes No

Temperature °C of Cooler 2.9

Within Hold Time	Preserv. Indicated
Yes No	Yes No NA
pH Check OK	**Res Cl_2 Check OK**
Yes No NA	Yes No NA

Sample Labels and COC Agree
Yes No COC not present

Sampler Name: Jurahuska Williams
Signature:
Project Name: Vienna Property
Project Number: 25366232.10000
Project Location: LaPorte, IN
Lab PM: Rian Mann
Date Required
Hard Copy: ____/____/____
Fax: ____/____/____

Laboratory ID	MS-MSD	Client Sample ID	Sampling Date	Sampling Time	Matrix	Comp/Grab	VOCs	SVOCs/ metals	Additional Analyses / Remarks
1		VPBH-15	7/11/07	800	S	G	X	X	
2		VPBH-16	7/11/07	840			X	X	
3		VPBH-17	7/11/07	1030			X	X	
4		VPBH-18	7/11/07	1155			X	X	
5		VPDH-0950	7/12/07	1100			X	X	
6		VPBH-10	7/12/07	1105			X	X	
7		VPBH-19	7/12/07	1030			X	X	
8		VPBH-20	7/12/07	1220			X	X	
9		VPBH-21	7/12/07	1315			X	X	

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RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
	URS	7/12/07	1600		STL	7/13/07	0945
RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME

Matrix Key
WW = Wastewater, W = Water, S = Soil, SL = Sludge, MS = Miscellaneous, OL = Oil, A = Air, SE = Sediment, SO = Solid, DS = Drum Solid, DL = Drum Liquid, L = Leachate, WI = Wipe, O = ____

Container Key
1. Plastic
2. VOA Vial
3. Sterile Plastic
4. Amber Glass
5. Widemouth Glass
6. Other ____

Preservative Key
1. HCl, Cool to 4°
2. H2SO4, Cool to 4°
3. HNO3, Cool to 4°
4. NaOH, Cool to 4°
5. NaOH/Zn, Cool to 4°
6. Cool to 4°
7. None

COMMENTS

Date Received / /
Courier: FX **Hand Delivered**
Bill of Lading

LOGIN SAMPLE RECEIPT CHECK LIST

Client: URS Corporation Job Number: 500-5231-1

Login Number: 5231

Question	T/F/NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.9
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	NA	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

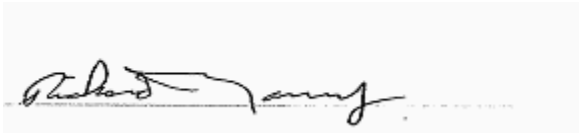
ANALYTICAL REPORT

Job Number: 500-5327-1

Job Description: Verma Property

For:
URS Corporation
100 South Wacker Drive
Suite 500
Chicago, IL 60606

Attention: Ms. Sarah Rubin



Rich Mannz
Project Manager II
rmannz@stl-inc.com
08/01/2007

cc: Ms. Junaluska Williams

Project Manager: Rich Mannz

These test results meet all the requirements of NELAC for accredited parameters.

The Lab Certification ID# is 100201.

All questions regarding this test report should be directed to the STL Project Manager whose signature appears on this report. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

Reporting limits are adjusted for sample size used, dilutions and moisture content if applicable.

Job Narrative
500-J5327-1

Comments
No additional comments.

Receipt
All samples were received in good condition within temperature requirements.

GC/MS VOA
Acetone was reported above the maximum reporting limit for sample 4. Samples 4 was reanalyzed using the 5035 high level method and Acetone was not detected.

Internal standard responses for samples 1, 2, 3, and 13 were outside of acceptance limits. The sample shows evidence of matrix interference.

Samples 11 and 12 were diluted due to the abundance of target analytes. Elevated reporting limits (RLs) are provided.

The Terra Core vial 500-5327-D2 submitted was not firmly sealed upon receipt. The sample was received with no liquid in vial. A 5030 prep was made up @ 0530 7-19-07.

No other analytical or quality issues were noted.

GC/MS Semi VOA
Surrogate recovery for samples -1, -4, -5 and -7 was outside control limits. No corrective action was required.

The matrix spike / matrix spike duplicate (MS/MSD) precision for batch 18994 was outside control limits for three compounds. The associated laboratory control standard (LCS) met acceptance criteria for all compounds except Hexachlorocyclopentadiene.

Due to the level of dilution required for sample -7 DL, surrogate recoveries are not reported.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 18994 were outside control limits for Hexachlorocyclopentadiene. The MSD had Pyrene recoveries above the QC limit. The associated laboratory control standard (LCS) met acceptance criteria for all compounds except Hexachlorocyclopentadiene.

Samples -3, -5, -11 and -12 was diluted due to the abundance of non-target analytes. Elevated reporting limits (RLs) are provided.

Method 8270C: The laboratory control standard (LCS) for preparation batch 18994 had one non-controlled spike recovery below the QC limits (Hexachlorocyclopentadiene).

No other analytical or quality issues were noted.

GC Semi VOA
No analytical or quality issues were noted.

Metals
No analytical or quality issues were noted.

Organic Prep
3541 8270

Due to the matrix, samples 500-5327-4, 5, 7 to 10, and 13 could not be concentrated to the final method required volume. The reporting limits are elevated proportionately.

Samples 500-5327-5 and 10 have final volumes of 1.0 mL. Samples 500-5327-8 and 9 have final volumes of 2.0 mL. Samples 500-5327-4, 7, and 13 have final volumes of 5.0 mL.

No other analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: URS Corporation Job Number: 500-5327-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
500-5327-1	**VPBH-V3**					
Naphthalene		210		37	ug/Kg	8270C
2-Methylnaphthalene		150	J	190	ug/Kg	8270C
Acenaphthene		260		37	ug/Kg	8270C
Dibenzofuran		140	J	190	ug/Kg	8270C
Fluorene		190		37	ug/Kg	8270C
Phenanthrene		1600		37	ug/Kg	8270C
Anthracene		390		37	ug/Kg	8270C
Carbazole		240		190	ug/Kg	8270C
Fluoranthene		2700		37	ug/Kg	8270C
Pyrene		4500		180	ug/Kg	8270C
Butyl benzyl phthalate		280		190	ug/Kg	8270C
Benzo[a]anthracene		3200		180	ug/Kg	8270C
Chrysene		3500		180	ug/Kg	8270C
Bis(2-ethylhexyl) phthalate		4300		930	ug/Kg	8270C
Benzo[b]fluoranthene		4800		180	ug/Kg	8270C
Benzo[k]fluoranthene		2200		180	ug/Kg	8270C
Benzo[a]pyrene		2700		37	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		2200		37	ug/Kg	8270C
Dibenz(a,h)anthracene		850		37	ug/Kg	8270C
Benzo[g,h,i]perylene		2800		37	ug/Kg	8270C
Arsenic		9.3		1.1	mg/Kg	6010B
Barium		31		1.1	mg/Kg	6010B
Chromium		12	B	1.1	mg/Kg	6010B
Lead		20		0.54	mg/Kg	6010B
Selenium		0.73	J	1.1	mg/Kg	6010B
Silver		0.11	J B	0.54	mg/Kg	6010B
Mercury		0.013	J	0.019	mg/Kg	7471A
Percent Moisture		10		0.10	%	PercentMoisture
Percent Solids		90		0.10	%	PercentMoisture

EXECUTIVE SUMMARY - Detections

Client: URS Corporation Job Number: 500-5327-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
500-5327-2	**VPBH-H3**					
Naphthalene		110		39	ug/Kg	8270C
2-Methylnaphthalene		86	J	200	ug/Kg	8270C
Acenaphthene		100		39	ug/Kg	8270C
Dibenzofuran		76	J	200	ug/Kg	8270C
Fluorene		75		39	ug/Kg	8270C
Phenanthrene		790		39	ug/Kg	8270C
Anthracene		160		39	ug/Kg	8270C
Carbazole		89	J	200	ug/Kg	8270C
Fluoranthene		1200		39	ug/Kg	8270C
Pyrene		1400		39	ug/Kg	8270C
Benzo[a]anthracene		1200		39	ug/Kg	8270C
Chrysene		1500		39	ug/Kg	8270C
Bis(2-ethylhexyl) phthalate		210		200	ug/Kg	8270C
Benzo[b]fluoranthene		6700		190	ug/Kg	8270C
Benzo[k]fluoranthene		2200		190	ug/Kg	8270C
Benzo[a]pyrene		5300		190	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		5000		190	ug/Kg	8270C
Dibenz(a,h)anthracene		1600		39	ug/Kg	8270C
Benzo[g,h,i]perylene		6100		190	ug/Kg	8270C
Arsenic		3.3		1.1	mg/Kg	6010B
Barium		20		1.1	mg/Kg	6010B
Chromium		6.1	B	1.1	mg/Kg	6010B
Lead		9.8		0.56	mg/Kg	6010B
Selenium		0.60	J	1.1	mg/Kg	6010B
Percent Moisture		18		0.10	%	PercentMoisture
Percent Solids		82		0.10	%	PercentMoisture

EXECUTIVE SUMMARY - Detections

Client: URS Corporation Job Number: 500-5327-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
500-5327-3	**VPBH-H2A**					
Acetone		17		7.5	ug/Kg	8260B
Naphthalene		350		170	ug/Kg	8270C
2-Methylnaphthalene		260	J	880	ug/Kg	8270C
Acenaphthene		560		170	ug/Kg	8270C
Dibenzofuran		300	J	880	ug/Kg	8270C
Fluorene		330		170	ug/Kg	8270C
Phenanthrene		3600		170	ug/Kg	8270C
Anthracene		790		170	ug/Kg	8270C
Carbazole		460	J	880	ug/Kg	8270C
Fluoranthene		6400		170	ug/Kg	8270C
Pyrene		7300		170	ug/Kg	8270C
Benzo[a]anthracene		6500		170	ug/Kg	8270C
Chrysene		7700		170	ug/Kg	8270C
Bis(2-ethylhexyl) phthalate		1100		880	ug/Kg	8270C
Benzo[b]fluoranthene		14000		170	ug/Kg	8270C
Benzo[k]fluoranthene		4900		170	ug/Kg	8270C
Benzo[a]pyrene		8600		170	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		8500		170	ug/Kg	8270C
Dibenz(a,h)anthracene		3200		170	ug/Kg	8270C
Benzo[g,h,i]perylene		11000		170	ug/Kg	8270C
Arsenic		9.8		1.0	mg/Kg	6010B
Barium		35		1.0	mg/Kg	6010B
Chromium		21	B	1.0	mg/Kg	6010B
Lead		21		0.51	mg/Kg	6010B
Selenium		4.7		1.0	mg/Kg	6010B
Silver		0.98	B	0.51	mg/Kg	6010B
Mercury		0.016	J	0.018	mg/Kg	7471A
Percent Moisture		8.7		0.10	%	PercentMoisture
Percent Solids		91		0.10	%	PercentMoisture

EXECUTIVE SUMMARY - Detections

Client: URS Corporation Job Number: 500-5327-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
500-5327-4	**VPBH-H2**					
Acetone		250	E	5.6	ug/Kg	8260B
2-Butanone (MEK)		19		5.6	ug/Kg	8260B
Naphthalene		220	J	390	ug/Kg	8270C
Acenaphthene		260	J	390	ug/Kg	8270C
Fluorene		190	J	390	ug/Kg	8270C
Phenanthrene		1900		390	ug/Kg	8270C
Anthracene		390		390	ug/Kg	8270C
Fluoranthene		2900		390	ug/Kg	8270C
Pyrene		3800		390	ug/Kg	8270C
Benzo[a]anthracene		2600		390	ug/Kg	8270C
Chrysene		3200		390	ug/Kg	8270C
Benzo[b]fluoranthene		4500		390	ug/Kg	8270C
Benzo[k]fluoranthene		2000		390	ug/Kg	8270C
Benzo[a]pyrene		3500		390	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		2600		390	ug/Kg	8270C
Dibenz(a,h)anthracene		960		390	ug/Kg	8270C
Benzo[g,h,i]perylene		3400		390	ug/Kg	8270C
Arsenic		7.9		1.1	mg/Kg	6010B
Barium		65		1.1	mg/Kg	6010B
Cadmium		3.7		0.22	mg/Kg	6010B
Chromium		13	B	1.1	mg/Kg	6010B
Lead		320		0.55	mg/Kg	6010B
Selenium		2.2		1.1	mg/Kg	6010B
Silver		0.34	J B	0.55	mg/Kg	6010B
Mercury		0.029		0.020	mg/Kg	7471A
Percent Moisture		15		0.10	%	PercentMoisture
Percent Solids		85		0.10	%	PercentMoisture

EXECUTIVE SUMMARY - Detections

Client: URS Corporation Job Number: 500-5327-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
500-5327-5	**VPSD-01**					
Phenol		750	J	2600	ug/Kg	8270C
4-Methylphenol		1800	J	2600	ug/Kg	8270C
Naphthalene		640		520	ug/Kg	8270C
Fluorene		160	J	520	ug/Kg	8270C
Phenanthrene		1200		520	ug/Kg	8270C
Anthracene		240	J	520	ug/Kg	8270C
Fluoranthene		1300		520	ug/Kg	8270C
Pyrene		2200		520	ug/Kg	8270C
Benzo[a]anthracene		2300		520	ug/Kg	8270C
Chrysene		6600		520	ug/Kg	8270C
Benzo[b]fluoranthene		2000		520	ug/Kg	8270C
Benzo[k]fluoranthene		780		520	ug/Kg	8270C
Benzo[a]pyrene		2100		520	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		720		520	ug/Kg	8270C
Dibenz(a,h)anthracene		870		520	ug/Kg	8270C
Benzo[g,h,i]perylene		1400		520	ug/Kg	8270C
Arsenic		2.5		1.4	mg/Kg	6010B
Barium		330		1.4	mg/Kg	6010B
Chromium		32	B	1.4	mg/Kg	6010B
Lead		17		0.70	mg/Kg	6010B
Selenium		0.76	J	1.4	mg/Kg	6010B
Mercury		0.016	J	0.026	mg/Kg	7471A
Percent Moisture		37		0.10	%	PercentMoisture
Percent Solids		63		0.10	%	PercentMoisture

EXECUTIVE SUMMARY - Detections

Client: URS Corporation Job Number: 500-5327-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
500-5327-6	**VPSD-02**					
Naphthalene		67		42	ug/Kg	8270C
2-Methylnaphthalene		120	J	210	ug/Kg	8270C
Acenaphthylene		39	J	42	ug/Kg	8270C
Acenaphthene		52		42	ug/Kg	8270C
Dibenzofuran		87	J	210	ug/Kg	8270C
Fluorene		82		42	ug/Kg	8270C
Phenanthrene		890		42	ug/Kg	8270C
Anthracene		150		42	ug/Kg	8270C
Fluoranthene		1500		42	ug/Kg	8270C
Pyrene		2100		42	ug/Kg	8270C
Benzo[a]anthracene		1200		42	ug/Kg	8270C
Chrysene		1800		42	ug/Kg	8270C
Benzo[b]fluoranthene		1700		42	ug/Kg	8270C
Benzo[k]fluoranthene		660		42	ug/Kg	8270C
Benzo[a]pyrene		820		42	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		710		42	ug/Kg	8270C
Dibenz(a,h)anthracene		320		42	ug/Kg	8270C
Benzo[g,h,i]perylene		890		42	ug/Kg	8270C
Arsenic		7.3		1.1	mg/Kg	6010B
Barium		71		1.1	mg/Kg	6010B
Cadmium		0.40		0.22	mg/Kg	6010B
Chromium		71	B	1.1	mg/Kg	6010B
Lead		610		0.56	mg/Kg	6010B
Selenium		0.95	J	1.1	mg/Kg	6010B
Mercury		0.033		0.022	mg/Kg	7471A
Percent Moisture		23		0.10	%	PercentMoisture
Percent Solids		77		0.10	%	PercentMoisture

EXECUTIVE SUMMARY - Detections

Client: URS Corporation Job Number: 500-5327-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
500-5327-7	**VPSD-03**					
Naphthalene		1800		450	ug/Kg	8270C
2-Methylnaphthalene		850	J	2300	ug/Kg	8270C
Acenaphthene		4700		450	ug/Kg	8270C
Dibenzofuran		1900	J	2300	ug/Kg	8270C
Fluorene		3200		450	ug/Kg	8270C
Phenanthrene		36000		450	ug/Kg	8270C
Anthracene		6900		450	ug/Kg	8270C
Carbazole		7900		2300	ug/Kg	8270C
Fluoranthene		84000		2300	ug/Kg	8270C
Pyrene		75000		2300	ug/Kg	8270C
Benzo[a]anthracene		37000		2300	ug/Kg	8270C
Chrysene		45000		2300	ug/Kg	8270C
Benzo[b]fluoranthene		33000		450	ug/Kg	8270C
Benzo[k]fluoranthene		17000		450	ug/Kg	8270C
Benzo[a]pyrene		22000		450	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		13000		450	ug/Kg	8270C
Dibenz(a,h)anthracene		5400		450	ug/Kg	8270C
Benzo[g,h,i]perylene		14000		450	ug/Kg	8270C
Arsenic		12		1.3	mg/Kg	6010B
Barium		220		1.3	mg/Kg	6010B
Chromium		370	B	1.3	mg/Kg	6010B
Lead		1600		0.67	mg/Kg	6010B
Selenium		1.9		1.3	mg/Kg	6010B
Silver		1.0	B	0.67	mg/Kg	6010B
Mercury		0.026		0.023	mg/Kg	7471A
Percent Moisture		28		0.10	%	PercentMoisture
Percent Solids		72		0.10	%	PercentMoisture
500-5327-8	**VPSD-04**					
Phenanthrene		140	J	370	ug/Kg	8270C
Fluoranthene		320	J	370	ug/Kg	8270C
Pyrene		290	J	370	ug/Kg	8270C
Benzo[a]anthracene		190	J	370	ug/Kg	8270C
Chrysene		240	J	370	ug/Kg	8270C
Benzo[b]fluoranthene		360	J	370	ug/Kg	8270C
Benzo[a]pyrene		200	J	370	ug/Kg	8270C
Benzo[g,h,i]perylene		200	J	370	ug/Kg	8270C
Arsenic		7.4		2.5	mg/Kg	6010B
Barium		47		2.5	mg/Kg	6010B
Chromium		15	B	2.5	mg/Kg	6010B
Lead		49		1.2	mg/Kg	6010B
Selenium		1.1	J	2.5	mg/Kg	6010B
Mercury		0.038	J	0.047	mg/Kg	7471A
Percent Moisture		65		0.10	%	PercentMoisture
Percent Solids		35		0.10	%	PercentMoisture

EXECUTIVE SUMMARY - Detections

Client: URS Corporation Job Number: 500-5327-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
500-5327-9	**VPSD-05**					
Phenanthrene		330	J	770	ug/Kg	8270C
Fluoranthene		670	J	770	ug/Kg	8270C
Pyrene		630	J	770	ug/Kg	8270C
Benzo[a]anthracene		350	J	770	ug/Kg	8270C
Chrysene		570	J	770	ug/Kg	8270C
Benzo[b]fluoranthene		600	J	770	ug/Kg	8270C
Benzo[a]pyrene		390	J	770	ug/Kg	8270C
Benzo[g,h,i]perylene		460	J	770	ug/Kg	8270C
Arsenic		18		5.4	mg/Kg	6010B
Barium		84		5.4	mg/Kg	6010B
Cadmium		0.62	J	1.1	mg/Kg	6010B
Chromium		23	B	5.4	mg/Kg	6010B
Lead		89		2.7	mg/Kg	6010B
Silver		0.63	J B	2.7	mg/Kg	6010B
Mercury		0.11		0.098	mg/Kg	7471A
Percent Moisture		83		0.10	%	PercentMoisture
Percent Solids		17		0.10	%	PercentMoisture
500-5327-10	**VPSD-06**					
Phenanthrene		530		490	ug/Kg	8270C
Fluoranthene		1000		490	ug/Kg	8270C
Pyrene		950		490	ug/Kg	8270C
Benzo[a]anthracene		480	J	490	ug/Kg	8270C
Chrysene		800		490	ug/Kg	8270C
Bis(2-ethylhexyl) phthalate		1700	J	2500	ug/Kg	8270C
Benzo[b]fluoranthene		940		490	ug/Kg	8270C
Benzo[k]fluoranthene		390	J	490	ug/Kg	8270C
Benzo[a]pyrene		520		490	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		430	J	490	ug/Kg	8270C
Benzo[g,h,i]perylene		550		490	ug/Kg	8270C
Arsenic		14		6.9	mg/Kg	6010B
Barium		110		6.9	mg/Kg	6010B
Chromium		28	B	6.9	mg/Kg	6010B
Lead		210		3.4	mg/Kg	6010B
Selenium		2.7	J	6.9	mg/Kg	6010B
Mercury		0.20		0.13	mg/Kg	7471A
Percent Moisture		87		0.10	%	PercentMoisture
Percent Solids		13		0.10	%	PercentMoisture

EXECUTIVE SUMMARY - Detections

Client: URS Corporation Job Number: 500-5327-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
500-5327-11	**VPBH-24**					
Benzene		1300		40	ug/Kg	8260B
Methylene Chloride		190		160	ug/Kg	8260B
Toluene		690		40	ug/Kg	8260B
Ethylbenzene		160		40	ug/Kg	8260B
Xylenes, Total		1800		81	ug/Kg	8260B
Phenol		830	J	940	ug/Kg	8270C
2-Methylphenol		560	J	940	ug/Kg	8270C
4-Methylphenol		690	J	940	ug/Kg	8270C
2,4-Dimethylphenol		550	J	1900	ug/Kg	8270C
Naphthalene		1200		190	ug/Kg	8270C
2-Methylnaphthalene		970		940	ug/Kg	8270C
Acenaphthene		96	J	190	ug/Kg	8270C
Dibenzofuran		240	J	940	ug/Kg	8270C
Fluorene		210		190	ug/Kg	8270C
Phenanthrene		880		190	ug/Kg	8270C
Anthracene		200		190	ug/Kg	8270C
Fluoranthene		530		190	ug/Kg	8270C
Pyrene		1400		190	ug/Kg	8270C
Benzo[a]anthracene		3200		190	ug/Kg	8270C
Chrysene		8800		190	ug/Kg	8270C
Benzo[b]fluoranthene		1700		190	ug/Kg	8270C
Benzo[k]fluoranthene		900		190	ug/Kg	8270C
Benzo[a]pyrene		2200		190	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		590		190	ug/Kg	8270C
Dibenz(a,h)anthracene		950		190	ug/Kg	8270C
Benzo[g,h,i]perylene		1300		190	ug/Kg	8270C
Arsenic		2.3		1.1	mg/Kg	6010B
Barium		22		1.1	mg/Kg	6010B
Chromium		12	B	1.1	mg/Kg	6010B
Lead		9.0		0.53	mg/Kg	6010B
Selenium		0.45	J	1.1	mg/Kg	6010B
Mercury		0.020		0.019	mg/Kg	7471A
Percent Moisture		12		0.10	%	PercentMoisture
Percent Solids		88		0.10	%	PercentMoisture

EXECUTIVE SUMMARY - Detections

Client: URS Corporation Job Number: 500-5327-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
500-5327-12	**VPBH-25**					
Benzene		170		41	ug/Kg	8260B
Methylene Chloride		200		160	ug/Kg	8260B
Toluene		120		41	ug/Kg	8260B
Xylenes, Total		350		81	ug/Kg	8260B
Phenol		3200		1000	ug/Kg	8270C
2-Methylphenol		410	J	1000	ug/Kg	8270C
4-Methylphenol		500	J	1000	ug/Kg	8270C
Naphthalene		3900		200	ug/Kg	8270C
2-Methylnaphthalene		480	J	1000	ug/Kg	8270C
Acenaphthene		86	J	200	ug/Kg	8270C
Dibenzofuran		200	J	1000	ug/Kg	8270C
Fluorene		180	J	200	ug/Kg	8270C
Phenanthrene		610		200	ug/Kg	8270C
Anthracene		100	J	200	ug/Kg	8270C
Fluoranthene		240		200	ug/Kg	8270C
Pyrene		670		200	ug/Kg	8270C
Benzo[a]anthracene		960		200	ug/Kg	8270C
Chrysene		2600		200	ug/Kg	8270C
Bis(2-ethylhexyl) phthalate		890	J	1000	ug/Kg	8270C
Benzo[b]fluoranthene		380		200	ug/Kg	8270C
Benzo[k]fluoranthene		330		200	ug/Kg	8270C
Benzo[a]pyrene		750		200	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		170	J	200	ug/Kg	8270C
Dibenz(a,h)anthracene		290		200	ug/Kg	8270C
Benzo[g,h,i]perylene		450		200	ug/Kg	8270C
Arsenic		4.1		1.1	mg/Kg	6010B
Barium		160		1.1	mg/Kg	6010B
Chromium		49	B	1.1	mg/Kg	6010B
Lead		27		0.54	mg/Kg	6010B
Selenium		0.88	J	1.1	mg/Kg	6010B
Silver		0.22	J B	0.54	mg/Kg	6010B
Mercury		0.019	J	0.020	mg/Kg	7471A
Percent Moisture		18		0.10	%	PercentMoisture
Percent Solids		82		0.10	%	PercentMoisture

EXECUTIVE SUMMARY - Detections

Client: URS Corporation Job Number: 500-5327-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
500-5327-13	**VPBH-26**					
Benzene		4.5	J	5.6	ug/Kg	8260B
Acetone		87		5.6	ug/Kg	8260B
2-Butanone (MEK)		5.7		5.6	ug/Kg	8260B
Phenol		1300	J	1900	ug/Kg	8270C
Naphthalene		1200		370	ug/Kg	8270C
Phenanthrene		430		370	ug/Kg	8270C
Fluoranthene		280	J	370	ug/Kg	8270C
Pyrene		590		370	ug/Kg	8270C
Benzo[a]anthracene		620		370	ug/Kg	8270C
Chrysene		1800		370	ug/Kg	8270C
Bis(2-ethylhexyl) phthalate		580	J	1900	ug/Kg	8270C
Benzo[b]fluoranthene		320	J	370	ug/Kg	8270C
Benzo[k]fluoranthene		290	J	370	ug/Kg	8270C
Benzo[a]pyrene		480		370	ug/Kg	8270C
Benzo[g,h,i]perylene		330	J	370	ug/Kg	8270C
Arsenic		3.6		1.1	mg/Kg	6010B
Barium		29		1.1	mg/Kg	6010B
Chromium		7.2	B	1.1	mg/Kg	6010B
Lead		26		0.53	mg/Kg	6010B
Mercury		0.033		0.019	mg/Kg	7471A
Percent Moisture		11		0.10	%	PercentMoisture
Percent Solids		89		0.10	%	PercentMoisture
500-5327-14	**VPBH-27**					
Acetone		20		4.0	ug/Kg	8260B
Barium		8.2		1.1	mg/Kg	6010B
Chromium		5.5	B	1.1	mg/Kg	6010B
Lead		8.5		0.54	mg/Kg	6010B
Mercury		0.034		0.018	mg/Kg	7471A
Percent Moisture		9.3		0.10	%	PercentMoisture
Percent Solids		91		0.10	%	PercentMoisture
500-5327-15	**VPBH-28**					
Acetone		26		4.8	ug/Kg	8260B
Arsenic		9.2		1.0	mg/Kg	6010B
Barium		24		1.0	mg/Kg	6010B
Chromium		11	B	1.0	mg/Kg	6010B
Lead		22		0.52	mg/Kg	6010B
Selenium		0.83	J	1.0	mg/Kg	6010B
Mercury		0.032		0.020	mg/Kg	7471A
Percent Moisture		16		0.10	%	PercentMoisture
Percent Solids		84		0.10	%	PercentMoisture

EXECUTIVE SUMMARY - Detections

Client: URS Corporation Job Number: 500-5327-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
500-5327-16	**VPBH-29**					
Acetone		71		6.3	ug/Kg	8260B
2-Butanone (MEK)		10		6.3	ug/Kg	8260B
Toluene		4.2	J	6.3	ug/Kg	8260B
Naphthalene		60		38	ug/Kg	8270C
Acenaphthylene		21	J	38	ug/Kg	8270C
Acenaphthene		28	J	38	ug/Kg	8270C
Fluorene		40		38	ug/Kg	8270C
Phenanthrene		330		38	ug/Kg	8270C
Anthracene		61		38	ug/Kg	8270C
Fluoranthene		670		38	ug/Kg	8270C
Pyrene		650		38	ug/Kg	8270C
Benzo[a]anthracene		500		38	ug/Kg	8270C
Chrysene		690		38	ug/Kg	8270C
Benzo[b]fluoranthene		620		38	ug/Kg	8270C
Benzo[k]fluoranthene		330		38	ug/Kg	8270C
Benzo[a]pyrene		300		38	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		180		38	ug/Kg	8270C
Dibenz(a,h)anthracene		88		38	ug/Kg	8270C
Benzo[g,h,i]perylene		210		38	ug/Kg	8270C
Arsenic		12		1.1	mg/Kg	6010B
Barium		59		1.1	mg/Kg	6010B
Chromium		14	B	1.1	mg/Kg	6010B
Lead		29		0.54	mg/Kg	6010B
Selenium		1.4		1.1	mg/Kg	6010B
Silver		0.21	J B	0.54	mg/Kg	6010B
Mercury		0.025		0.020	mg/Kg	7471A
Percent Moisture		15		0.10	%	PercentMoisture
Percent Solids		85		0.10	%	PercentMoisture

EXECUTIVE SUMMARY - Detections

Client: URS Corporation Job Number: 500-5327-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
500-5327-17	**VPBH-H3DUP**					
Acetone		14		4.3	ug/Kg	8260B
Naphthalene		48		40	ug/Kg	8270C
Acenaphthene		46		40	ug/Kg	8270C
Fluorene		33	J	40	ug/Kg	8270C
Phenanthrene		450		40	ug/Kg	8270C
Anthracene		81		40	ug/Kg	8270C
Fluoranthene		800		40	ug/Kg	8270C
Pyrene		760		40	ug/Kg	8270C
Benzo[a]anthracene		720		40	ug/Kg	8270C
Chrysene		910		40	ug/Kg	8270C
Bis(2-ethylhexyl) phthalate		61	J	200	ug/Kg	8270C
Benzo[b]fluoranthene		1500		40	ug/Kg	8270C
Benzo[k]fluoranthene		600		40	ug/Kg	8270C
Benzo[a]pyrene		1100		40	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		1300		40	ug/Kg	8270C
Dibenz(a,h)anthracene		540		40	ug/Kg	8270C
Benzo[g,h,i]perylene		1800		40	ug/Kg	8270C
Arsenic		9.7		1.1	mg/Kg	6010B
Barium		24		1.1	mg/Kg	6010B
Chromium		13	B	1.1	mg/Kg	6010B
Lead		6.9		0.53	mg/Kg	6010B
Selenium		1.3		1.1	mg/Kg	6010B
Percent Moisture		19		0.10	%	PercentMoisture
Percent Solids		81		0.10	%	PercentMoisture

EXECUTIVE SUMMARY - Detections

Client: URS Corporation Job Number: 500-5327-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
500-5327-18	**VPBH-STEEL**					
Benzene		3.3	J	4.4	ug/Kg	8260B
Acetone		79		4.4	ug/Kg	8260B
2-Butanone (MEK)		11		4.4	ug/Kg	8260B
Naphthalene		70		42	ug/Kg	8270C
2-Methylnaphthalene		86	J	210	ug/Kg	8270C
Acenaphthene		27	J	42	ug/Kg	8270C
Dibenzofuran		50	J	210	ug/Kg	8270C
Fluorene		19	J	42	ug/Kg	8270C
Phenanthrene		300		42	ug/Kg	8270C
Anthracene		53		42	ug/Kg	8270C
Fluoranthene		400		42	ug/Kg	8270C
Pyrene		400		42	ug/Kg	8270C
Benzo[a]anthracene		400		42	ug/Kg	8270C
Chrysene		470		42	ug/Kg	8270C
Bis(2-ethylhexyl) phthalate		170	J	210	ug/Kg	8270C
Benzo[b]fluoranthene		760		42	ug/Kg	8270C
Benzo[k]fluoranthene		380		42	ug/Kg	8270C
Benzo[a]pyrene		540		42	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		500		42	ug/Kg	8270C
Dibenz(a,h)anthracene		220		42	ug/Kg	8270C
Benzo[g,h,i]perylene		650		42	ug/Kg	8270C
Arsenic		23		1.2	mg/Kg	6010B
Barium		42		1.2	mg/Kg	6010B
Chromium		43	B	1.2	mg/Kg	6010B
Lead		31		0.58	mg/Kg	6010B
Selenium		3.9		1.2	mg/Kg	6010B
Silver		0.46	J B	0.58	mg/Kg	6010B
Mercury		0.034		0.021	mg/Kg	7471A
Percent Moisture		22		0.10	%	PercentMoisture
Percent Solids		78		0.10	%	PercentMoisture
500-5327-19	**VPBH-29A**					
Acetone		100		6.1	ug/Kg	8260B
2-Butanone (MEK)		16		6.1	ug/Kg	8260B
Chrysene		14	J	38	ug/Kg	8270C
Benzo[b]fluoranthene		14	J	38	ug/Kg	8270C
Benzo[a]pyrene		11	J	38	ug/Kg	8270C
Benzo[g,h,i]perylene		8.7	J	38	ug/Kg	8270C
Barium		30		1.1	mg/Kg	6010B
Chromium		2.5	B	1.1	mg/Kg	6010B
Lead		4.5		0.56	mg/Kg	6010B
Mercury		0.0072	J	0.019	mg/Kg	7471A
Percent Moisture		13		0.10	%	PercentMoisture
Percent Solids		87		0.10	%	PercentMoisture

METHOD SUMMARY

Client: URS Corporation Job Number: 500-5327-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds by GC/MS	STL CHI	SW846 8260B	
Closed System Purge & Trap/Field Methanol	STL CHI		SW846 5035
Closed System Purge & Trap/Field Preservation	STL CHI		SW846 5035
Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	STL CHI	SW846 8270C	
Automated Soxhlet Extraction	STL CHI		SW846 3541
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	STL CHI	SW846 8082	
Automated Soxhlet Extraction	STL CHI		SW846 3541
Inductively Coupled Plasma - Atomic Emission Spectrometry	STL CHI	SW846 6010B	
Acid Digestion of Sediments, Sludges, and Soils	STL CHI		SW846 3050B
Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)	STL CHI	SW846 7471A	
Mercury in Solid or Semi-Solid Waste (Manual	STL CHI		SW846 7471A
Percent Moisture	STL CHI	EPA PercentMoisture	

LAB REFERENCES:

STL CHI = STL Chicago

METHOD REFERENCES:

EPA - US Environmental Protection Agency

SW846 - "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: URS Corporation Job Number: 500-5327-1

Method	Analyst	Analyst ID
SW846 8260B	Nagel, John D	JDN
SW846 8260B	Swaney, Garth E	GES
SW846 8270C	Bergen, Joe	JB
SW846 8270C	Lesiak, Karen D	KDL
SW846 8270C	Rynkar, Gary L	GLR
SW846 8082	Orf, Gene M	GMO
SW846 6010B	Kolarczyk, Paul F	PFK
SW846 6010B	Smith, Todd D	TDS
SW846 7471A	Ithal, Kyle M	KMI
EPA PercentMoisture	Boyd, Cheryl L	CLB

SAMPLE SUMMARY

Client: URS Corporation

Job Number: 500-5327-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
500-5327-1	VPBH-V3	Solid	07/16/2007 0830	07/18/2007 0925
500-5327-2	VPBH-H3	Solid	07/16/2007 0900	07/18/2007 0925
500-5327-3	VPBH-H2A	Solid	07/16/2007 0915	07/18/2007 0925
500-5327-4	VPBH-H2	Solid	07/16/2007 0940	07/18/2007 0925
500-5327-5	VPSD-01	Solid	07/16/2007 1435	07/18/2007 0925
500-5327-6	VPSD-02	Solid	07/16/2007 1510	07/18/2007 0925
500-5327-7	VPSD-03	Solid	07/16/2007 1535	07/18/2007 0925
500-5327-8	VPSD-04	Solid	07/16/2007 1600	07/18/2007 0925
500-5327-9	VPSD-05	Solid	07/16/2007 1620	07/18/2007 0925
500-5327-10	VPSD-06	Solid	07/16/2007 1645	07/18/2007 0925
500-5327-11	VPBH-24	Solid	07/17/2007 0835	07/18/2007 0925
500-5327-12	VPBH-25	Solid	07/17/2007 0855	07/18/2007 0925
500-5327-13	VPBH-26	Solid	07/17/2007 0925	07/18/2007 0925
500-5327-14	VPBH-27	Solid	07/17/2007 1135	07/18/2007 0925
500-5327-14MS	VPBH-27	Solid	07/17/2007 1135	07/18/2007 0925
500-5327-14MSD	VPBH-27	Solid	07/17/2007 1135	07/18/2007 0925
500-5327-15	VPBH-28	Solid	07/17/2007 1225	07/18/2007 0925
500-5327-16	VPBH-29	Solid	07/17/2007 1305	07/18/2007 0925
500-5327-17	VPBH-H3DUP	Solid	07/17/2007 0900	07/18/2007 0925
500-5327-18	VPBH-STEEL	Solid	07/16/2007 1010	07/18/2007 0925
500-5327-19	VPBH-29A	Solid	07/17/2007 1310	07/18/2007 0925

SAMPLE RESULTS

Ms. Sarah Rubin
URS Corporation
100 South Wacker Drive
Suite 500
Chicago, IL 60606

Job Number: 500-5327-1

Client Sample ID: VPBH-V3
Lab Sample ID: 500-5327-1

Date Sampled: 07/16/2007 0830
Date Received: 07/18/2007 0925
Client Matrix: Solid
Percent Solids: 90

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	07/24/2007 1550		
Prep Method: 5035			Date Prepared:	07/16/2007 0830		
Benzene	4.8	U	ug/Kg	0.67	4.8	1.0
1,1,2,2-Tetrachloroethane	4.8	U	ug/Kg	0.69	4.8	1.0
Vinyl chloride	4.8	U	ug/Kg	0.76	4.8	1.0
Bromomethane	4.8	U	ug/Kg	3.0	4.8	1.0
Chloroethane	4.8	U	ug/Kg	3.0	4.8	1.0
Acrolein	190	U	ug/Kg	32	190	1.0
1,1-Dichloroethene	4.8	U	ug/Kg	1.3	4.8	1.0
Carbon disulfide	4.8	U	ug/Kg	0.97	4.8	1.0
Acetone	4.8	U	ug/Kg	4.2	4.8	1.0
Methylene Chloride	4.8	U	ug/Kg	1.5	4.8	1.0
trans-1,2-Dichloroethene	4.8	U	ug/Kg	0.75	4.8	1.0
Methyl tert-butyl ether	4.8	U	ug/Kg	0.53	4.8	1.0
1,1-Dichloroethane	4.8	U	ug/Kg	0.57	4.8	1.0
Vinyl acetate	4.8	U *	ug/Kg	0.77	4.8	1.0
cis-1,2-Dichloroethene	4.8	U	ug/Kg	0.54	4.8	1.0
2-Butanone (MEK)	4.8	U	ug/Kg	2.1	4.8	1.0
Chloroform	4.8	U	ug/Kg	0.66	4.8	1.0
Carbon tetrachloride	4.8	U	ug/Kg	0.71	4.8	1.0
1,2-Dichloroethane	4.8	U	ug/Kg	0.53	4.8	1.0
Trichloroethene	4.8	U	ug/Kg	0.64	4.8	1.0
1,2-Dichloropropane	4.8	U	ug/Kg	0.53	4.8	1.0
Bromodichloromethane	4.8	U	ug/Kg	0.55	4.8	1.0
cis-1,3-Dichloropropene	4.8	U	ug/Kg	0.56	4.8	1.0
4-Methyl-2-pentanone (MIBK)	4.8	U	ug/Kg	0.70	4.8	1.0
Toluene	4.8	U	ug/Kg	1.6	4.8	1.0
trans-1,3-Dichloropropene	4.8	U	ug/Kg	0.58	4.8	1.0
1,1,2-Trichloroethane	4.8	U	ug/Kg	0.79	4.8	1.0
Tetrachloroethene	4.8	U	ug/Kg	0.87	4.8	1.0
Chlorobenzene	4.8	U	ug/Kg	0.54	4.8	1.0
Ethylbenzene	4.8	U	ug/Kg	0.62	4.8	1.0
Styrene	4.8	U	ug/Kg	0.60	4.8	1.0
Bromoform	4.8	U	ug/Kg	0.72	4.8	1.0
Xylenes, Total	4.8	U	ug/Kg	1.7	4.8	1.0
n-Butyl alcohol	390	U	ug/Kg	270	390	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	112	%	74 - 143
Toluene-d8 (Surr)	100	%	75 - 130
4-Bromofluorobenzene (Surr)	80	%	75 - 120

Ms. Sarah Rubin
URS Corporation
100 South Wacker Drive
Suite 500
Chicago, IL 60606

Job Number: 500-5327-1

Client Sample ID: VPBH-V3
Lab Sample ID: 500-5327-1

Date Sampled: 07/16/2007 0830
Date Received: 07/18/2007 0925
Client Matrix: Solid
Percent Solids: 90

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate					Acceptance Limits	
Dibromofluoromethane	111		%		78 - 142	
Method: 8270C			Date Analyzed:		07/26/2007 2002	
Prep Method: 3541			Date Prepared:		07/21/2007 1300	
Phenol	190	U	ug/Kg	48	190	1.0
Bis(2-chloroethyl)ether	190	U	ug/Kg	51	190	1.0
1,3-Dichlorobenzene	190	U	ug/Kg	36	190	1.0
1,4-Dichlorobenzene	190	U	ug/Kg	43	190	1.0
1,2-Dichlorobenzene	190	U	ug/Kg	39	190	1.0
Benzyl alcohol	370	U	ug/Kg	180	370	1.0
2-Methylphenol	190	U	ug/Kg	52	190	1.0
2,2'-oxybis[1-chloropropane]	190	U	ug/Kg	45	190	1.0
N-Nitrosodi-n-propylamine	190	U	ug/Kg	49	190	1.0
Hexachloroethane	190	U	ug/Kg	41	190	1.0
4-Methylphenol	190	U	ug/Kg	65	190	1.0
2-Chlorophenol	190	U	ug/Kg	48	190	1.0
Nitrobenzene	37	U	ug/Kg	9.7	37	1.0
Bis(2-chloroethoxy)methane	190	U	ug/Kg	39	190	1.0
1,2,4-Trichlorobenzene	190	U	ug/Kg	42	190	1.0
Benzoic acid	1900	U	ug/Kg	420	1900	1.0
Isophorone	190	U	ug/Kg	44	190	1.0
2,4-Dimethylphenol	370	U	ug/Kg	82	370	1.0
Hexachlorobutadiene	190	U	ug/Kg	40	190	1.0
Naphthalene	210		ug/Kg	7.2	37	1.0
2,4-Dichlorophenol	370	U	ug/Kg	81	370	1.0
4-Chloroaniline	740	U	ug/Kg	180	740	1.0
2,4,6-Trichlorophenol	370	U	ug/Kg	79	370	1.0
2,4,5-Trichlorophenol	370	U	ug/Kg	110	370	1.0
Hexachlorocyclopentadiene	740	U *	ug/Kg	200	740	1.0
2-Methylnaphthalene	150	J	ug/Kg	45	190	1.0
2-Nitroaniline	190	U	ug/Kg	53	190	1.0
2-Chloronaphthalene	190	U	ug/Kg	40	190	1.0
4-Chloro-3-methylphenol	370	U	ug/Kg	110	370	1.0
2,6-Dinitrotoluene	190	U	ug/Kg	52	190	1.0
2-Nitrophenol	370	U	ug/Kg	100	370	1.0
3-Nitroaniline	370	U	ug/Kg	160	370	1.0
Dimethyl phthalate	190	U	ug/Kg	42	190	1.0
2,4-Dinitrophenol	740	U	ug/Kg	530	740	1.0
Acenaphthylene	37	U	ug/Kg	11	37	1.0
2,4-Dinitrotoluene	190	U	ug/Kg	61	190	1.0

Ms. Sarah Rubin
URS Corporation
100 South Wacker Drive
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Job Number: 500-5327-1

Client Sample ID: VPBH-V3
Lab Sample ID: 500-5327-1

Date Sampled: 07/16/2007 0830
Date Received: 07/18/2007 0925
Client Matrix: Solid
Percent Solids: 90

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Acenaphthene	260		ug/Kg	7.7	37	1.0
Dibenzofuran	140	J	ug/Kg	37	190	1.0
4-Nitrophenol	740	U	ug/Kg	130	740	1.0
Fluorene	190		ug/Kg	8.1	37	1.0
4-Nitroaniline	370	U	ug/Kg	74	370	1.0
4-Bromophenyl phenyl ether	190	U	ug/Kg	46	190	1.0
Hexachlorobenzene	74	U	ug/Kg	8.0	74	1.0
Diethyl phthalate	190	U	ug/Kg	48	190	1.0
4-Chlorophenyl phenyl ether	190	U	ug/Kg	42	190	1.0
Pentachlorophenol	740	U	ug/Kg	260	740	1.0
N-Nitrosodiphenylamine	190	U	ug/Kg	42	190	1.0
4,6-Dinitro-2-methylphenol	370	U	ug/Kg	150	370	1.0
Phenanthrene	1600		ug/Kg	12	37	1.0
Anthracene	390		ug/Kg	13	37	1.0
Carbazole	240		ug/Kg	47	190	1.0
Di-n-butyl phthalate	190	U	ug/Kg	48	190	1.0
Benzidine	740	U	ug/Kg	17	740	1.0
Fluoranthene	2700		ug/Kg	14	37	1.0
Butyl benzyl phthalate	280		ug/Kg	52	190	1.0
3,3'-Dichlorobenzidine	190	U	ug/Kg	43	190	1.0
Di-n-octyl phthalate	190	U	ug/Kg	48	190	1.0
Benzo[a]pyrene	2700		ug/Kg	8.8	37	1.0
Indeno[1,2,3-cd]pyrene	2200		ug/Kg	20	37	1.0
Dibenz(a,h)anthracene	850		ug/Kg	20	37	1.0
Benzo[g,h,i]perylene	2800		ug/Kg	6.2	37	1.0

Surrogate			Acceptance Limits
2-Fluorophenol	43	%	24 - 115
Phenol-d5	61	%	26 - 117
Nitrobenzene-d5	48	%	20 - 109
2-Fluorobiphenyl	74	%	31 - 107
2,4,6-Tribromophenol	68	%	24 - 134
Terphenyl-d14	149	X %	45 - 123

Method: 8270C Run Type: DL Date Analyzed: 07/27/2007 2032
Prep Method: 3541 Date Prepared: 07/21/2007 1300

Pyrene	4500		ug/Kg	43	180	5.0
Benzo[a]anthracene	3200		ug/Kg	29	180	5.0
Chrysene	3500		ug/Kg	48	180	5.0
Bis(2-ethylhexyl) phthalate	4300		ug/Kg	260	930	5.0
Benzo[b]fluoranthene	4800		ug/Kg	54	180	5.0
Benzo[k]fluoranthene	2200		ug/Kg	41	180	5.0

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Job Number: 500-5327-1

Client Sample ID: VPBH-V3
Lab Sample ID: 500-5327-1

Date Sampled: 07/16/2007 0830
Date Received: 07/18/2007 0925
Client Matrix: Solid
Percent Solids: 90

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate					Acceptance Limits	
2-Fluorophenol	48		%		24 - 115	
Phenol-d5	57		%		26 - 117	
Nitrobenzene-d5	51		%		20 - 109	
2-Fluorobiphenyl	91		%		31 - 107	
2,4,6-Tribromophenol	78		%		24 - 134	
Terphenyl-d14	123		%		45 - 123	
Method: 8082			Date Analyzed:		08/01/2007 1205	
Prep Method: 3541			Date Prepared:		07/24/2007 1645	
PCB-1016	18	U	ug/Kg	6.2	18	1.0
PCB-1221	18	U	ug/Kg	5.1	18	1.0
PCB-1232	18	U	ug/Kg	5.0	18	1.0
PCB-1242	18	U	ug/Kg	5.4	18	1.0
PCB-1248	18	U	ug/Kg	4.0	18	1.0
PCB-1254	18	U	ug/Kg	4.1	18	1.0
PCB-1260	18	U	ug/Kg	3.7	18	1.0
Polychlorinated biphenyls, Total	18	U	ug/Kg	3.7	18	1.0
Surrogate					Acceptance Limits	
Tetrachloro-m-xylene	67		%		39 - 115	
DCB Decachlorobiphenyl	80		%		47 - 116	
Method: 6010B			Date Analyzed:		07/21/2007 1429	
Prep Method: 3050B			Date Prepared:		07/19/2007 1730	
Arsenic	9.3		mg/Kg	0.29	1.1	1.0
Barium	31		mg/Kg	0.48	1.1	1.0
Cadmium	0.22	U	mg/Kg	0.065	0.22	1.0
Chromium	12	B	mg/Kg	0.12	1.1	1.0
Lead	20		mg/Kg	0.26	0.54	1.0
Selenium	0.73	J	mg/Kg	0.41	1.1	1.0
Silver	0.11	J B	mg/Kg	0.11	0.54	1.0
Method: 7471A			Date Analyzed:		07/26/2007 1350	
Prep Method: 7471A			Date Prepared:		07/25/2007 1300	
Mercury	0.013	J	mg/Kg	0.0059	0.019	1.0
Method: PercentMoisture			Date Analyzed:		07/19/2007 0213	
Percent Moisture	10		%	0.10	0.10	1.0

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Job Number: 500-5327-1

Client Sample ID: VPBH-H3
Lab Sample ID: 500-5327-2

Date Sampled: 07/16/2007 0900
Date Received: 07/18/2007 0925
Client Matrix: Solid
Percent Solids: 82

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	07/24/2007 1614		
Prep Method: 5035			Date Prepared:	07/16/2007 0900		
Benzene	4.8	U	ug/Kg	0.67	4.8	1.0
1,1,2,2-Tetrachloroethane	4.8	U	ug/Kg	0.69	4.8	1.0
Vinyl chloride	4.8	U	ug/Kg	0.75	4.8	1.0
Bromomethane	4.8	U	ug/Kg	3.0	4.8	1.0
Chloroethane	4.8	U	ug/Kg	3.0	4.8	1.0
Acrolein	190	U	ug/Kg	32	190	1.0
1,1-Dichloroethene	4.8	U	ug/Kg	1.3	4.8	1.0
Carbon disulfide	4.8	U	ug/Kg	0.97	4.8	1.0
Acetone	4.8	U	ug/Kg	4.2	4.8	1.0
Methylene Chloride	4.8	U	ug/Kg	1.5	4.8	1.0
trans-1,2-Dichloroethene	4.8	U	ug/Kg	0.74	4.8	1.0
Methyl tert-butyl ether	4.8	U	ug/Kg	0.53	4.8	1.0
1,1-Dichloroethane	4.8	U	ug/Kg	0.57	4.8	1.0
Vinyl acetate	4.8	U *	ug/Kg	0.76	4.8	1.0
cis-1,2-Dichloroethene	4.8	U	ug/Kg	0.54	4.8	1.0
2-Butanone (MEK)	4.8	U	ug/Kg	2.1	4.8	1.0
Chloroform	4.8	U	ug/Kg	0.66	4.8	1.0
Carbon tetrachloride	4.8	U	ug/Kg	0.71	4.8	1.0
1,2-Dichloroethane	4.8	U	ug/Kg	0.53	4.8	1.0
Trichloroethene	4.8	U	ug/Kg	0.64	4.8	1.0
1,2-Dichloropropane	4.8	U	ug/Kg	0.53	4.8	1.0
Bromodichloromethane	4.8	U	ug/Kg	0.55	4.8	1.0
cis-1,3-Dichloropropene	4.8	U	ug/Kg	0.56	4.8	1.0
4-Methyl-2-pentanone (MIBK)	4.8	U	ug/Kg	0.70	4.8	1.0
Toluene	4.8	U	ug/Kg	1.6	4.8	1.0
trans-1,3-Dichloropropene	4.8	U	ug/Kg	0.58	4.8	1.0
1,1,2-Trichloroethane	4.8	U	ug/Kg	0.79	4.8	1.0
Tetrachloroethene	4.8	U	ug/Kg	0.87	4.8	1.0
Chlorobenzene	4.8	U	ug/Kg	0.54	4.8	1.0
Ethylbenzene	4.8	U	ug/Kg	0.62	4.8	1.0
Styrene	4.8	U	ug/Kg	0.60	4.8	1.0
Bromoform	4.8	U	ug/Kg	0.72	4.8	1.0
Xylenes, Total	4.8	U	ug/Kg	1.7	4.8	1.0
n-Butyl alcohol	390	U	ug/Kg	270	390	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	115	%	74 - 143
Toluene-d8 (Surr)	104	%	75 - 130
4-Bromofluorobenzene (Surr)	79	%	75 - 120

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Job Number: 500-5327-1

Client Sample ID: VPBH-H3
Lab Sample ID: 500-5327-2

Date Sampled: 07/16/2007 0900
Date Received: 07/18/2007 0925
Client Matrix: Solid
Percent Solids: 82

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate					Acceptance Limits	
Dibromofluoromethane	113		%		78 - 142	
Method: 8270C			Date Analyzed:		07/26/2007 2024	
Prep Method: 3541			Date Prepared:		07/21/2007 1300	
Phenol	200	U	ug/Kg	51	200	1.0
Bis(2-chloroethyl)ether	200	U	ug/Kg	54	200	1.0
1,3-Dichlorobenzene	200	U	ug/Kg	38	200	1.0
1,4-Dichlorobenzene	200	U	ug/Kg	45	200	1.0
1,2-Dichlorobenzene	200	U	ug/Kg	41	200	1.0
Benzyl alcohol	390	U	ug/Kg	190	390	1.0
2-Methylphenol	200	U	ug/Kg	54	200	1.0
2,2'-oxybis[1-chloropropane]	200	U	ug/Kg	47	200	1.0
N-Nitrosodi-n-propylamine	200	U	ug/Kg	52	200	1.0
Hexachloroethane	200	U	ug/Kg	43	200	1.0
4-Methylphenol	200	U	ug/Kg	68	200	1.0
2-Chlorophenol	200	U	ug/Kg	50	200	1.0
Nitrobenzene	39	U	ug/Kg	10	39	1.0
Bis(2-chloroethoxy)methane	200	U	ug/Kg	41	200	1.0
1,2,4-Trichlorobenzene	200	U	ug/Kg	44	200	1.0
Benzoic acid	2000	U	ug/Kg	450	2000	1.0
Isophorone	200	U	ug/Kg	46	200	1.0
2,4-Dimethylphenol	390	U	ug/Kg	86	390	1.0
Hexachlorobutadiene	200	U	ug/Kg	42	200	1.0
Naphthalene	110		ug/Kg	7.6	39	1.0
2,4-Dichlorophenol	390	U	ug/Kg	86	390	1.0
4-Chloroaniline	780	U	ug/Kg	190	780	1.0
2,4,6-Trichlorophenol	390	U	ug/Kg	83	390	1.0
2,4,5-Trichlorophenol	390	U	ug/Kg	120	390	1.0
Hexachlorocyclopentadiene	780	U *	ug/Kg	210	780	1.0
2-Methylnaphthalene	86	J	ug/Kg	47	200	1.0
2-Nitroaniline	200	U	ug/Kg	56	200	1.0
2-Chloronaphthalene	200	U	ug/Kg	43	200	1.0
4-Chloro-3-methylphenol	390	U	ug/Kg	120	390	1.0
2,6-Dinitrotoluene	200	U	ug/Kg	55	200	1.0
2-Nitrophenol	390	U	ug/Kg	110	390	1.0
3-Nitroaniline	390	U	ug/Kg	170	390	1.0
Dimethyl phthalate	200	U	ug/Kg	44	200	1.0
2,4-Dinitrophenol	780	U	ug/Kg	560	780	1.0
Acenaphthylene	39	U	ug/Kg	12	39	1.0
2,4-Dinitrotoluene	200	U	ug/Kg	64	200	1.0

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Job Number: 500-5327-1

Client Sample ID: VPBH-H3
Lab Sample ID: 500-5327-2

Date Sampled: 07/16/2007 0900
Date Received: 07/18/2007 0925
Client Matrix: Solid
Percent Solids: 82

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Acenaphthene	100		ug/Kg	8.1	39	1.0
Dibenzofuran	76	J	ug/Kg	39	200	1.0
4-Nitrophenol	780	U	ug/Kg	130	780	1.0
Fluorene	75		ug/Kg	8.5	39	1.0
4-Nitroaniline	390	U	ug/Kg	78	390	1.0
4-Bromophenyl phenyl ether	200	U	ug/Kg	48	200	1.0
Hexachlorobenzene	78	U	ug/Kg	8.4	78	1.0
Diethyl phthalate	200	U	ug/Kg	50	200	1.0
4-Chlorophenyl phenyl ether	200	U	ug/Kg	45	200	1.0
Pentachlorophenol	780	U	ug/Kg	270	780	1.0
N-Nitrosodiphenylamine	200	U	ug/Kg	45	200	1.0
4,6-Dinitro-2-methylphenol	390	U	ug/Kg	150	390	1.0
Phenanthrene	790		ug/Kg	12	39	1.0
Anthracene	160		ug/Kg	13	39	1.0
Carbazole	89	J	ug/Kg	49	200	1.0
Di-n-butyl phthalate	200	U	ug/Kg	50	200	1.0
Benzidine	780	U	ug/Kg	17	780	1.0
Fluoranthene	1200		ug/Kg	15	39	1.0
Pyrene	1400		ug/Kg	9.1	39	1.0
Butyl benzyl phthalate	200	U	ug/Kg	54	200	1.0
Benzo[a]anthracene	1200		ug/Kg	6.2	39	1.0
Chrysene	1500		ug/Kg	10	39	1.0
3,3'-Dichlorobenzidine	200	U	ug/Kg	45	200	1.0
Bis(2-ethylhexyl) phthalate	210		ug/Kg	54	200	1.0
Di-n-octyl phthalate	200	U	ug/Kg	51	200	1.0
Dibenz(a,h)anthracene	1600		ug/Kg	21	39	1.0

Surrogate			Acceptance Limits
2-Fluorophenol	42	%	24 - 115
Phenol-d5	52	%	26 - 117
Nitrobenzene-d5	44	%	20 - 109
2-Fluorobiphenyl	57	%	31 - 107
2,4,6-Tribromophenol	65	%	24 - 134
Terphenyl-d14	95	%	45 - 123

Method: 8270C Run Type: DL Date Analyzed: 07/27/2007 2053
Prep Method: 3541 Date Prepared: 07/21/2007 1300

Benzo[b]fluoranthene	6700		ug/Kg	57	190	5.0
Benzo[k]fluoranthene	2200		ug/Kg	43	190	5.0
Benzo[a]pyrene	5300		ug/Kg	46	190	5.0
Indeno[1,2,3-cd]pyrene	5000		ug/Kg	110	190	5.0
Benzo[g,h,i]perylene	6100		ug/Kg	33	190	5.0

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Job Number: 500-5327-1

Client Sample ID: VPBH-H3
Lab Sample ID: 500-5327-2

Date Sampled: 07/16/2007 0900
Date Received: 07/18/2007 0925
Client Matrix: Solid
Percent Solids: 82

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate					Acceptance Limits	
2-Fluorophenol	57		%		24 - 115	
Phenol-d5	55		%		26 - 117	
Nitrobenzene-d5	54		%		20 - 109	
2-Fluorobiphenyl	71		%		31 - 107	
2,4,6-Tribromophenol	75		%		24 - 134	
Terphenyl-d14	107		%		45 - 123	
Method: 8082			Date Analyzed:		08/01/2007 1220	
Prep Method: 3541			Date Prepared:		07/24/2007 1645	
PCB-1016	20	U	ug/Kg	6.8	20	1.0
PCB-1221	20	U	ug/Kg	5.6	20	1.0
PCB-1232	20	U	ug/Kg	5.5	20	1.0
PCB-1242	20	U	ug/Kg	6.0	20	1.0
PCB-1248	20	U	ug/Kg	4.4	20	1.0
PCB-1254	20	U	ug/Kg	4.5	20	1.0
PCB-1260	20	U	ug/Kg	4.0	20	1.0
Polychlorinated biphenyls, Total	20	U	ug/Kg	4.0	20	1.0
Surrogate					Acceptance Limits	
Tetrachloro-m-xylene	86		%		39 - 115	
DCB Decachlorobiphenyl	86		%		47 - 116	
Method: 6010B			Date Analyzed:		07/21/2007 1433	
Prep Method: 3050B			Date Prepared:		07/19/2007 1730	
Arsenic	3.3		mg/Kg	0.30	1.1	1.0
Barium	20		mg/Kg	0.49	1.1	1.0
Chromium	6.1	B	mg/Kg	0.12	1.1	1.0
Lead	9.8		mg/Kg	0.27	0.56	1.0
Selenium	0.60	J	mg/Kg	0.43	1.1	1.0
Silver	0.56	U	mg/Kg	0.11	0.56	1.0
Method: 6010B			Date Analyzed:		07/23/2007 2359	
Prep Method: 3050B			Date Prepared:		07/19/2007 1730	
Cadmium	0.45	U	mg/Kg	0.13	0.45	2.0
Method: 7471A			Date Analyzed:		07/26/2007 1352	
Prep Method: 7471A			Date Prepared:		07/25/2007 1300	
Mercury	0.020	U	mg/Kg	0.0065	0.020	1.0
Method: PercentMoisture			Date Analyzed:		07/19/2007 0213	
Percent Moisture	18		%	0.10	0.10	1.0

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Job Number: 500-5327-1

Client Sample ID: VPBH-H2A
Lab Sample ID: 500-5327-3

Date Sampled: 07/16/2007 0915
Date Received: 07/18/2007 0925
Client Matrix: Solid
Percent Solids: 91

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	07/24/2007 1639		
Prep Method: 5035			Date Prepared:	07/16/2007 0915		
Benzene	7.5	U	ug/Kg	1.0	7.5	1.0
1,1,2,2-Tetrachloroethane	7.5	U	ug/Kg	1.1	7.5	1.0
Vinyl chloride	7.5	U	ug/Kg	1.2	7.5	1.0
Bromomethane	7.5	U	ug/Kg	4.6	7.5	1.0
Chloroethane	7.5	U	ug/Kg	4.6	7.5	1.0
Acrolein	300	U	ug/Kg	49	300	1.0
1,1-Dichloroethene	7.5	U	ug/Kg	1.9	7.5	1.0
Carbon disulfide	7.5	U	ug/Kg	1.5	7.5	1.0
Acetone	17		ug/Kg	6.4	7.5	1.0
Methylene Chloride	7.5	U	ug/Kg	2.4	7.5	1.0
trans-1,2-Dichloroethene	7.5	U	ug/Kg	1.1	7.5	1.0
Methyl tert-butyl ether	7.5	U	ug/Kg	0.82	7.5	1.0
1,1-Dichloroethane	7.5	U	ug/Kg	0.88	7.5	1.0
Vinyl acetate	7.5	U *	ug/Kg	1.2	7.5	1.0
cis-1,2-Dichloroethene	7.5	U	ug/Kg	0.83	7.5	1.0
2-Butanone (MEK)	7.5	U	ug/Kg	3.3	7.5	1.0
Chloroform	7.5	U	ug/Kg	1.0	7.5	1.0
Carbon tetrachloride	7.5	U	ug/Kg	1.1	7.5	1.0
1,2-Dichloroethane	7.5	U	ug/Kg	0.82	7.5	1.0
Trichloroethene	7.5	U	ug/Kg	0.98	7.5	1.0
1,2-Dichloropropane	7.5	U	ug/Kg	0.82	7.5	1.0
Bromodichloromethane	7.5	U	ug/Kg	0.85	7.5	1.0
cis-1,3-Dichloropropene	7.5	U	ug/Kg	0.86	7.5	1.0
4-Methyl-2-pentanone (MIBK)	7.5	U	ug/Kg	1.1	7.5	1.0
Toluene	7.5	U	ug/Kg	2.5	7.5	1.0
trans-1,3-Dichloropropene	7.5	U	ug/Kg	0.89	7.5	1.0
1,1,2-Trichloroethane	7.5	U	ug/Kg	1.2	7.5	1.0
Tetrachloroethene	7.5	U	ug/Kg	1.3	7.5	1.0
Chlorobenzene	7.5	U	ug/Kg	0.83	7.5	1.0
Ethylbenzene	7.5	U	ug/Kg	0.95	7.5	1.0
Styrene	7.5	U	ug/Kg	0.92	7.5	1.0
Bromoform	7.5	U	ug/Kg	1.1	7.5	1.0
Xylenes, Total	7.5	U	ug/Kg	2.7	7.5	1.0
n-Butyl alcohol	600	U	ug/Kg	420	600	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	113	%	74 - 143
Toluene-d8 (Surr)	95	%	75 - 130
4-Bromofluorobenzene (Surr)	75	%	75 - 120

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Job Number: 500-5327-1

Client Sample ID: VPBH-H2A
Lab Sample ID: 500-5327-3

Date Sampled: 07/16/2007 0915
Date Received: 07/18/2007 0925
Client Matrix: Solid
Percent Solids: 91

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate					Acceptance Limits	
Dibromofluoromethane	118		%		78 - 142	
Method: 8270C			Date Analyzed:		07/26/2007 2045	
Prep Method: 3541			Date Prepared:		07/21/2007 1300	
Phenol	880	U	ug/Kg	230	880	5.0
Bis(2-chloroethyl)ether	880	U	ug/Kg	240	880	5.0
1,3-Dichlorobenzene	880	U	ug/Kg	170	880	5.0
1,4-Dichlorobenzene	880	U	ug/Kg	200	880	5.0
1,2-Dichlorobenzene	880	U	ug/Kg	180	880	5.0
Benzyl alcohol	1700	U	ug/Kg	850	1700	5.0
2-Methylphenol	880	U	ug/Kg	250	880	5.0
2,2'-oxybis[1-chloropropane]	880	U	ug/Kg	210	880	5.0
N-Nitrosodi-n-propylamine	880	U	ug/Kg	230	880	5.0
Hexachloroethane	880	U	ug/Kg	190	880	5.0
4-Methylphenol	880	U	ug/Kg	310	880	5.0
2-Chlorophenol	880	U	ug/Kg	230	880	5.0
Nitrobenzene	170	U	ug/Kg	46	170	5.0
Bis(2-chloroethoxy)methane	880	U	ug/Kg	190	880	5.0
1,2,4-Trichlorobenzene	880	U	ug/Kg	200	880	5.0
Benzoic acid	8800	U	ug/Kg	2000	8800	5.0
Isophorone	880	U	ug/Kg	210	880	5.0
2,4-Dimethylphenol	1700	U	ug/Kg	390	1700	5.0
Hexachlorobutadiene	880	U	ug/Kg	190	880	5.0
Naphthalene	350		ug/Kg	34	170	5.0
2,4-Dichlorophenol	1700	U	ug/Kg	390	1700	5.0
4-Chloroaniline	3500	U	ug/Kg	860	3500	5.0
2,4,6-Trichlorophenol	1700	U	ug/Kg	380	1700	5.0
2,4,5-Trichlorophenol	1700	U	ug/Kg	520	1700	5.0
Hexachlorocyclopentadiene	3500	U *	ug/Kg	940	3500	5.0
2-Methylnaphthalene	260	J	ug/Kg	210	880	5.0
2-Nitroaniline	880	U	ug/Kg	250	880	5.0
2-Chloronaphthalene	880	U	ug/Kg	190	880	5.0
4-Chloro-3-methylphenol	1700	U	ug/Kg	520	1700	5.0
2,6-Dinitrotoluene	880	U	ug/Kg	250	880	5.0
2-Nitrophenol	1700	U	ug/Kg	490	1700	5.0
3-Nitroaniline	1700	U	ug/Kg	770	1700	5.0
Dimethyl phthalate	880	U	ug/Kg	200	880	5.0
2,4-Dinitrophenol	3500	U	ug/Kg	2500	3500	5.0
Acenaphthylene	170	U	ug/Kg	53	170	5.0
2,4-Dinitrotoluene	880	U	ug/Kg	290	880	5.0

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Job Number: 500-5327-1

Client Sample ID: VPBH-H2A
Lab Sample ID: 500-5327-3

Date Sampled: 07/16/2007 0915
Date Received: 07/18/2007 0925
Client Matrix: Solid
Percent Solids: 91

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Acenaphthene	560		ug/Kg	37	170	5.0
Dibenzofuran	300	J	ug/Kg	180	880	5.0
4-Nitrophenol	3500	U	ug/Kg	610	3500	5.0
Fluorene	330		ug/Kg	39	170	5.0
4-Nitroaniline	1700	U	ug/Kg	350	1700	5.0
4-Bromophenyl phenyl ether	880	U	ug/Kg	220	880	5.0
Hexachlorobenzene	350	U	ug/Kg	38	350	5.0
Diethyl phthalate	880	U	ug/Kg	230	880	5.0
4-Chlorophenyl phenyl ether	880	U	ug/Kg	200	880	5.0
Pentachlorophenol	3500	U	ug/Kg	1200	3500	5.0
N-Nitrosodiphenylamine	880	U	ug/Kg	200	880	5.0
4,6-Dinitro-2-methylphenol	1700	U	ug/Kg	690	1700	5.0
Phenanthrene	3600		ug/Kg	55	170	5.0
Anthracene	790		ug/Kg	61	170	5.0
Carbazole	460	J	ug/Kg	220	880	5.0
Di-n-butyl phthalate	880	U	ug/Kg	230	880	5.0
Benzidine	3500	U	ug/Kg	79	3500	5.0
Fluoranthene	6400		ug/Kg	67	170	5.0
Pyrene	7300		ug/Kg	41	170	5.0
Butyl benzyl phthalate	880	U	ug/Kg	250	880	5.0
Benzo[a]anthracene	6500		ug/Kg	28	170	5.0
Chrysene	7700		ug/Kg	45	170	5.0
3,3'-Dichlorobenzidine	880	U	ug/Kg	200	880	5.0
Bis(2-ethylhexyl) phthalate	1100		ug/Kg	240	880	5.0
Di-n-octyl phthalate	880	U	ug/Kg	230	880	5.0
Benzo[b]fluoranthene	14000		ug/Kg	52	170	5.0
Benzo[k]fluoranthene	4900		ug/Kg	39	170	5.0
Benzo[a]pyrene	8600		ug/Kg	42	170	5.0
Indeno[1,2,3-cd]pyrene	8500		ug/Kg	96	170	5.0
Dibenz(a,h)anthracene	3200		ug/Kg	94	170	5.0
Benzo[g,h,i]perylene	11000		ug/Kg	30	170	5.0

Surrogate			Acceptance Limits
2-Fluorophenol	68	%	24 - 115
Phenol-d5	71	%	26 - 117
Nitrobenzene-d5	63	%	20 - 109
2-Fluorobiphenyl	84	%	31 - 107
2,4,6-Tribromophenol	88	%	24 - 134
Terphenyl-d14	122	%	45 - 123

Method: 8082
Prep Method: 3541

Date Analyzed: 08/01/2007 1248
Date Prepared: 07/24/2007 1645

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Job Number: 500-5327-1

Client Sample ID: VPBH-H2A
Lab Sample ID: 500-5327-3

Date Sampled: 07/16/2007 0915
Date Received: 07/18/2007 0925
Client Matrix: Solid
Percent Solids: 91

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
PCB-1016	18	U	ug/Kg	6.1	18	1.0
PCB-1221	18	U	ug/Kg	5.0	18	1.0
PCB-1232	18	U	ug/Kg	4.9	18	1.0
PCB-1242	18	U	ug/Kg	5.3	18	1.0
PCB-1248	18	U	ug/Kg	3.9	18	1.0
PCB-1254	18	U	ug/Kg	4.0	18	1.0
PCB-1260	18	U	ug/Kg	3.6	18	1.0
Polychlorinated biphenyls, Total	18	U	ug/Kg	3.6	18	1.0
Surrogate					Acceptance Limits	
Tetrachloro-m-xylene	92		%		39 - 115	
DCB Decachlorobiphenyl	84		%		47 - 116	
Method: 6010B			Date Analyzed:		07/21/2007 1438	
Prep Method: 3050B			Date Prepared:		07/19/2007 1730	
Arsenic	9.8		mg/Kg	0.28	1.0	1.0
Barium	35		mg/Kg	0.45	1.0	1.0
Chromium	21	B	mg/Kg	0.11	1.0	1.0
Lead	21		mg/Kg	0.24	0.51	1.0
Selenium	4.7		mg/Kg	0.39	1.0	1.0
Silver	0.98	B	mg/Kg	0.10	0.51	1.0
Method: 6010B			Date Analyzed:		07/30/2007 1237	
Prep Method: 3050B			Date Prepared:		07/19/2007 1730	
Cadmium	0.20	U	mg/Kg	0.061	0.20	1.0
Method: 7471A			Date Analyzed:		07/26/2007 1354	
Prep Method: 7471A			Date Prepared:		07/25/2007 1300	
Mercury	0.016	J	mg/Kg	0.0058	0.018	1.0
Method: PercentMoisture			Date Analyzed:		07/19/2007 0213	
Percent Moisture	8.7		%	0.10	0.10	1.0

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Job Number: 500-5327-1

Client Sample ID: VPBH-H2
Lab Sample ID: 500-5327-4

Date Sampled: 07/16/2007 0940
Date Received: 07/18/2007 0925
Client Matrix: Solid
Percent Solids: 85

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	07/24/2007 1525		
Prep Method: 5035			Date Prepared:	07/16/2007 0940		
Benzene	5.6	U	ug/Kg	0.77	5.6	1.0
1,1,2,2-Tetrachloroethane	5.6	U	ug/Kg	0.79	5.6	1.0
Vinyl chloride	5.6	U	ug/Kg	0.87	5.6	1.0
Bromomethane	5.6	U	ug/Kg	3.5	5.6	1.0
Chloroethane	5.6	U	ug/Kg	3.5	5.6	1.0
Acrolein	220	U	ug/Kg	37	220	1.0
1,1-Dichloroethene	5.6	U	ug/Kg	1.5	5.6	1.0
Carbon disulfide	5.6	U	ug/Kg	1.1	5.6	1.0
Acetone	250	E	ug/Kg	4.8	5.6	1.0
Methylene Chloride	5.6	U	ug/Kg	1.8	5.6	1.0
trans-1,2-Dichloroethene	5.6	U	ug/Kg	0.86	5.6	1.0
Methyl tert-butyl ether	5.6	U	ug/Kg	0.61	5.6	1.0
1,1-Dichloroethane	5.6	U	ug/Kg	0.66	5.6	1.0
Vinyl acetate	5.6	U *	ug/Kg	0.88	5.6	1.0
cis-1,2-Dichloroethene	5.6	U	ug/Kg	0.63	5.6	1.0
2-Butanone (MEK)	19		ug/Kg	2.5	5.6	1.0
Chloroform	5.6	U	ug/Kg	0.76	5.6	1.0
Carbon tetrachloride	5.6	U	ug/Kg	0.82	5.6	1.0
1,2-Dichloroethane	5.6	U	ug/Kg	0.61	5.6	1.0
Trichloroethene	5.6	U	ug/Kg	0.74	5.6	1.0
1,2-Dichloropropane	5.6	U	ug/Kg	0.61	5.6	1.0
Bromodichloromethane	5.6	U	ug/Kg	0.64	5.6	1.0
cis-1,3-Dichloropropene	5.6	U	ug/Kg	0.65	5.6	1.0
4-Methyl-2-pentanone (MIBK)	5.6	U	ug/Kg	0.80	5.6	1.0
Toluene	5.6	U	ug/Kg	1.9	5.6	1.0
trans-1,3-Dichloropropene	5.6	U	ug/Kg	0.67	5.6	1.0
1,1,2-Trichloroethane	5.6	U	ug/Kg	0.92	5.6	1.0
Tetrachloroethene	5.6	U	ug/Kg	1.0	5.6	1.0
Chlorobenzene	5.6	U	ug/Kg	0.63	5.6	1.0
Ethylbenzene	5.6	U	ug/Kg	0.72	5.6	1.0
Styrene	5.6	U	ug/Kg	0.69	5.6	1.0
Bromoform	5.6	U	ug/Kg	0.83	5.6	1.0
Xylenes, Total	5.6	U	ug/Kg	2.0	5.6	1.0
n-Butyl alcohol	450	U	ug/Kg	310	450	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	139	%	74 - 143
Toluene-d8 (Surr)	91	%	75 - 130
4-Bromofluorobenzene (Surr)	78	%	75 - 120

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Job Number: 500-5327-1

Client Sample ID: VPBH-H2
Lab Sample ID: 500-5327-4

Date Sampled: 07/16/2007 0940
Date Received: 07/18/2007 0925
Client Matrix: Solid
Percent Solids: 85

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate					Acceptance Limits	
Dibromofluoromethane	147	X	%		78 - 142	
Method: 8270C			Date Analyzed:		07/26/2007 2107	
Prep Method: 3541			Date Prepared:		07/21/2007 1300	
Phenol	2000	U	ug/Kg	510	2000	1.0
Bis(2-chloroethyl)ether	2000	U	ug/Kg	540	2000	1.0
1,3-Dichlorobenzene	2000	U	ug/Kg	380	2000	1.0
1,4-Dichlorobenzene	2000	U	ug/Kg	450	2000	1.0
1,2-Dichlorobenzene	2000	U	ug/Kg	410	2000	1.0
Benzyl alcohol	3900	U	ug/Kg	1900	3900	1.0
2-Methylphenol	2000	U	ug/Kg	550	2000	1.0
2,2'-oxybis[1-chloropropane]	2000	U	ug/Kg	470	2000	1.0
N-Nitrosodi-n-propylamine	2000	U	ug/Kg	520	2000	1.0
Hexachloroethane	2000	U	ug/Kg	430	2000	1.0
4-Methylphenol	2000	U	ug/Kg	690	2000	1.0
2-Chlorophenol	2000	U	ug/Kg	510	2000	1.0
Nitrobenzene	390	U	ug/Kg	100	390	1.0
Bis(2-chloroethoxy)methane	2000	U	ug/Kg	420	2000	1.0
1,2,4-Trichlorobenzene	2000	U	ug/Kg	450	2000	1.0
Benzoic acid	20000	U	ug/Kg	4500	20000	1.0
Isophorone	2000	U	ug/Kg	470	2000	1.0
2,4-Dimethylphenol	3900	U	ug/Kg	860	3900	1.0
Hexachlorobutadiene	2000	U	ug/Kg	420	2000	1.0
Naphthalene	220	J	ug/Kg	76	390	1.0
2,4-Dichlorophenol	3900	U	ug/Kg	860	3900	1.0
4-Chloroaniline	7900	U	ug/Kg	1900	7900	1.0
2,4,6-Trichlorophenol	3900	U	ug/Kg	830	3900	1.0
2,4,5-Trichlorophenol	3900	U	ug/Kg	1200	3900	1.0
Hexachlorocyclopentadiene	7900	U *	ug/Kg	2100	7900	1.0
2-Methylnaphthalene	2000	U	ug/Kg	480	2000	1.0
2-Nitroaniline	2000	U	ug/Kg	570	2000	1.0
2-Chloronaphthalene	2000	U	ug/Kg	430	2000	1.0
4-Chloro-3-methylphenol	3900	U	ug/Kg	1200	3900	1.0
2,6-Dinitrotoluene	2000	U	ug/Kg	550	2000	1.0
2-Nitrophenol	3900	U	ug/Kg	1100	3900	1.0
3-Nitroaniline	3900	U	ug/Kg	1700	3900	1.0
Dimethyl phthalate	2000	U	ug/Kg	440	2000	1.0
2,4-Dinitrophenol	7900	U	ug/Kg	5600	7900	1.0
Acenaphthylene	390	U	ug/Kg	120	390	1.0
2,4-Dinitrotoluene	2000	U	ug/Kg	640	2000	1.0

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Job Number: 500-5327-1

Client Sample ID: VPBH-H2
Lab Sample ID: 500-5327-4

Date Sampled: 07/16/2007 0940
Date Received: 07/18/2007 0925
Client Matrix: Solid
Percent Solids: 85

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Acenaphthene	260	J	ug/Kg	81	390	1.0
Dibenzofuran	2000	U	ug/Kg	390	2000	1.0
4-Nitrophenol	7900	U	ug/Kg	1400	7900	1.0
Fluorene	190	J	ug/Kg	86	390	1.0
4-Nitroaniline	3900	U	ug/Kg	780	3900	1.0
4-Bromophenyl phenyl ether	2000	U	ug/Kg	490	2000	1.0
Hexachlorobenzene	790	U	ug/Kg	85	790	1.0
Diethyl phthalate	2000	U	ug/Kg	500	2000	1.0
4-Chlorophenyl phenyl ether	2000	U	ug/Kg	450	2000	1.0
Pentachlorophenol	7900	U	ug/Kg	2700	7900	1.0
N-Nitrosodiphenylamine	2000	U	ug/Kg	450	2000	1.0
4,6-Dinitro-2-methylphenol	3900	U	ug/Kg	1500	3900	1.0
Phenanthrene	1900		ug/Kg	120	390	1.0
Anthracene	390		ug/Kg	140	390	1.0
Carbazole	2000	U	ug/Kg	500	2000	1.0
Di-n-butyl phthalate	2000	U	ug/Kg	500	2000	1.0
Benzidine	7900	U	ug/Kg	180	7900	1.0
Fluoranthene	2900		ug/Kg	150	390	1.0
Pyrene	3800		ug/Kg	92	390	1.0
Butyl benzyl phthalate	2000	U	ug/Kg	550	2000	1.0
Benzo[a]anthracene	2600		ug/Kg	62	390	1.0
Chrysene	3200		ug/Kg	100	390	1.0
3,3'-Dichlorobenzidine	2000	U	ug/Kg	450	2000	1.0
Bis(2-ethylhexyl) phthalate	2000	U	ug/Kg	540	2000	1.0
Di-n-octyl phthalate	2000	U	ug/Kg	510	2000	1.0
Benzo[b]fluoranthene	4500		ug/Kg	120	390	1.0
Benzo[k]fluoranthene	2000		ug/Kg	86	390	1.0
Benzo[a]pyrene	3500		ug/Kg	93	390	1.0
Indeno[1,2,3-cd]pyrene	2600		ug/Kg	210	390	1.0
Dibenz(a,h)anthracene	960		ug/Kg	210	390	1.0
Benzo[g,h,i]perylene	3400		ug/Kg	66	390	1.0

Surrogate				Acceptance Limits
2-Fluorophenol	74		%	24 - 115
Phenol-d5	75		%	26 - 117
Nitrobenzene-d5	65		%	20 - 109
2-Fluorobiphenyl	91		%	31 - 107
2,4,6-Tribromophenol	85		%	24 - 134
Terphenyl-d14	138	X	%	45 - 123

Method: 8082
Prep Method: 3541

Date Analyzed: 08/01/2007 1345
Date Prepared: 07/24/2007 1645

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Job Number: 500-5327-1

Client Sample ID: VPBH-H2
Lab Sample ID: 500-5327-4

Date Sampled: 07/16/2007 0940
Date Received: 07/18/2007 0925
Client Matrix: Solid
Percent Solids: 85

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
PCB-1016	19	U	ug/Kg	6.5	19	1.0
PCB-1221	19	U	ug/Kg	5.4	19	1.0
PCB-1232	19	U	ug/Kg	5.2	19	1.0
PCB-1242	19	U	ug/Kg	5.7	19	1.0
PCB-1248	19	U	ug/Kg	4.2	19	1.0
PCB-1254	19	U	ug/Kg	4.3	19	1.0
PCB-1260	19	U	ug/Kg	3.8	19	1.0
Polychlorinated biphenyls, Total	19	U	ug/Kg	3.8	19	1.0
Surrogate					Acceptance Limits	
Tetrachloro-m-xylene	79		%		39 - 115	
DCB Decachlorobiphenyl	77		%		47 - 116	
Method: 6010B			Date Analyzed:		07/21/2007 1442	
Prep Method: 3050B			Date Prepared:		07/19/2007 1730	
Arsenic	7.9		mg/Kg	0.30	1.1	1.0
Barium	65		mg/Kg	0.48	1.1	1.0
Cadmium	3.7		mg/Kg	0.066	0.22	1.0
Chromium	13	B	mg/Kg	0.12	1.1	1.0
Lead	320		mg/Kg	0.26	0.55	1.0
Selenium	2.2		mg/Kg	0.42	1.1	1.0
Silver	0.34	J B	mg/Kg	0.11	0.55	1.0
Method: 7471A			Date Analyzed:		07/26/2007 1357	
Prep Method: 7471A			Date Prepared:		07/25/2007 1300	
Mercury	0.029		mg/Kg	0.0062	0.020	1.0
Method: PercentMoisture			Date Analyzed:		07/19/2007 0213	
Percent Moisture	15		%	0.10	0.10	1.0

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Job Number: 500-5327-1

Client Sample ID: VPSD-01
Lab Sample ID: 500-5327-5

Date Sampled: 07/16/2007 1435
Date Received: 07/18/2007 0925
Client Matrix: Solid
Percent Solids: 63

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8270C			Date Analyzed:	07/26/2007 2129		
Prep Method: 3541			Date Prepared:	07/21/2007 1300		
Phenol	750	J	ug/Kg	680	2600	5.0
Bis(2-chloroethyl)ether	2600	U	ug/Kg	720	2600	5.0
1,3-Dichlorobenzene	2600	U	ug/Kg	510	2600	5.0
1,4-Dichlorobenzene	2600	U	ug/Kg	600	2600	5.0
1,2-Dichlorobenzene	2600	U	ug/Kg	550	2600	5.0
Benzyl alcohol	5200	U	ug/Kg	2500	5200	5.0
2-Methylphenol	2600	U	ug/Kg	730	2600	5.0
2,2'-oxybis[1-chloropropane]	2600	U	ug/Kg	630	2600	5.0
N-Nitrosodi-n-propylamine	2600	U	ug/Kg	700	2600	5.0
Hexachloroethane	2600	U	ug/Kg	580	2600	5.0
4-Methylphenol	1800	J	ug/Kg	920	2600	5.0
2-Chlorophenol	2600	U	ug/Kg	680	2600	5.0
Nitrobenzene	520	U	ug/Kg	140	520	5.0
Bis(2-chloroethoxy)methane	2600	U	ug/Kg	560	2600	5.0
1,2,4-Trichlorobenzene	2600	U	ug/Kg	600	2600	5.0
Benzoic acid	26000	U	ug/Kg	6000	26000	5.0
Isophorone	2600	U	ug/Kg	620	2600	5.0
2,4-Dimethylphenol	5200	U	ug/Kg	1200	5200	5.0
Hexachlorobutadiene	2600	U	ug/Kg	560	2600	5.0
Naphthalene	640		ug/Kg	100	520	5.0
2,4-Dichlorophenol	5200	U	ug/Kg	1200	5200	5.0
4-Chloroaniline	11000	U	ug/Kg	2500	11000	5.0
2,4,6-Trichlorophenol	5200	U	ug/Kg	1100	5200	5.0
2,4,5-Trichlorophenol	5200	U	ug/Kg	1500	5200	5.0
Hexachlorocyclopentadiene	11000	U *	ug/Kg	2800	11000	5.0
2-Methylnaphthalene	2600	U	ug/Kg	640	2600	5.0
2-Nitroaniline	2600	U	ug/Kg	760	2600	5.0
2-Chloronaphthalene	2600	U	ug/Kg	570	2600	5.0
4-Chloro-3-methylphenol	5200	U	ug/Kg	1500	5200	5.0
2,6-Dinitrotoluene	2600	U	ug/Kg	730	2600	5.0
2-Nitrophenol	5200	U	ug/Kg	1400	5200	5.0
3-Nitroaniline	5200	U	ug/Kg	2300	5200	5.0
Dimethyl phthalate	2600	U	ug/Kg	590	2600	5.0
2,4-Dinitrophenol	11000	U	ug/Kg	7500	11000	5.0
Acenaphthylene	520	U	ug/Kg	160	520	5.0
2,4-Dinitrotoluene	2600	U	ug/Kg	860	2600	5.0
Acenaphthene	520	U	ug/Kg	110	520	5.0
Dibenzofuran	2600	U	ug/Kg	520	2600	5.0
4-Nitrophenol	11000	U	ug/Kg	1800	11000	5.0

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Job Number: 500-5327-1

Client Sample ID: VPSD-01
Lab Sample ID: 500-5327-5

Date Sampled: 07/16/2007 1435
Date Received: 07/18/2007 0925
Client Matrix: Solid
Percent Solids: 63

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Fluorene	160	J	ug/Kg	110	520	5.0
4-Nitroaniline	5200	U	ug/Kg	1000	5200	5.0
4-Bromophenyl phenyl ether	2600	U	ug/Kg	650	2600	5.0
Hexachlorobenzene	1100	U	ug/Kg	110	1100	5.0
Diethyl phthalate	2600	U	ug/Kg	670	2600	5.0
4-Chlorophenyl phenyl ether	2600	U	ug/Kg	600	2600	5.0
Pentachlorophenol	11000	U	ug/Kg	3600	11000	5.0
N-Nitrosodiphenylamine	2600	U	ug/Kg	600	2600	5.0
4,6-Dinitro-2-methylphenol	5200	U	ug/Kg	2100	5200	5.0
Phenanthrene	1200		ug/Kg	160	520	5.0
Anthracene	240	J	ug/Kg	180	520	5.0
Carbazole	2600	U	ug/Kg	660	2600	5.0
Di-n-butyl phthalate	2600	U	ug/Kg	670	2600	5.0
Benzidine	11000	U	ug/Kg	230	11000	5.0
Fluoranthene	1300		ug/Kg	200	520	5.0
Pyrene	2200		ug/Kg	120	520	5.0
Butyl benzyl phthalate	2600	U	ug/Kg	730	2600	5.0
Benzo[a]anthracene	2300		ug/Kg	83	520	5.0
Chrysene	6600		ug/Kg	140	520	5.0
3,3'-Dichlorobenzidine	2600	U	ug/Kg	610	2600	5.0
Bis(2-ethylhexyl) phthalate	2600	U	ug/Kg	720	2600	5.0
Di-n-octyl phthalate	2600	U	ug/Kg	680	2600	5.0
Benzo[b]fluoranthene	2000		ug/Kg	150	520	5.0
Benzo[k]fluoranthene	780		ug/Kg	110	520	5.0
Benzo[a]pyrene	2100		ug/Kg	120	520	5.0
Indeno[1,2,3-cd]pyrene	720		ug/Kg	280	520	5.0
Dibenz(a,h)anthracene	870		ug/Kg	280	520	5.0
Benzo[g,h,i]perylene	1400		ug/Kg	88	520	5.0

Surrogate				Acceptance Limits
2-Fluorophenol	75		%	24 - 115
Phenol-d5	80		%	26 - 117
Nitrobenzene-d5	69		%	20 - 109
2-Fluorobiphenyl	88		%	31 - 107
2,4,6-Tribromophenol	105		%	24 - 134
Terphenyl-d14	150	X	%	45 - 123

Method: 6010B Date Analyzed: 07/21/2007 1447
Prep Method: 3050B Date Prepared: 07/19/2007 1730

Arsenic	2.5		mg/Kg	0.38	1.4	1.0
Barium	330		mg/Kg	0.62	1.4	1.0
Cadmium	0.28	U	mg/Kg	0.084	0.28	1.0

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Job Number: 500-5327-1

Client Sample ID: VPSD-01
Lab Sample ID: 500-5327-5

Date Sampled: 07/16/2007 1435
Date Received: 07/18/2007 0925
Client Matrix: Solid
Percent Solids: 63

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Chromium	32	B	mg/Kg	0.15	1.4	1.0
Lead	17		mg/Kg	0.34	0.70	1.0
Selenium	0.76	J	mg/Kg	0.53	1.4	1.0
Silver	0.70	U	mg/Kg	0.14	0.70	1.0
Method: 7471A			Date Analyzed:	07/26/2007 1359		
Prep Method: 7471A			Date Prepared:	07/25/2007 1300		
Mercury	0.016	J	mg/Kg	0.0084	0.026	1.0
Method: PercentMoisture			Date Analyzed:	07/19/2007 0213		
Percent Moisture	37		%	0.10	0.10	1.0

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Job Number: 500-5327-1

Client Sample ID: VPSD-02
Lab Sample ID: 500-5327-6

Date Sampled: 07/16/2007 1510
Date Received: 07/18/2007 0925
Client Matrix: Solid
Percent Solids: 77

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8270C			Date Analyzed:	07/26/2007 2151		
Prep Method: 3541			Date Prepared:	07/21/2007 1300		
Phenol	210	U	ug/Kg	55	210	1.0
Bis(2-chloroethyl)ether	210	U	ug/Kg	58	210	1.0
1,3-Dichlorobenzene	210	U	ug/Kg	41	210	1.0
1,4-Dichlorobenzene	210	U	ug/Kg	49	210	1.0
1,2-Dichlorobenzene	210	U	ug/Kg	44	210	1.0
Benzyl alcohol	420	U	ug/Kg	200	420	1.0
2-Methylphenol	210	U	ug/Kg	59	210	1.0
2,2'-oxybis[1-chloropropane]	210	U	ug/Kg	51	210	1.0
N-Nitrosodi-n-propylamine	210	U	ug/Kg	57	210	1.0
Hexachloroethane	210	U	ug/Kg	47	210	1.0
4-Methylphenol	210	U	ug/Kg	75	210	1.0
2-Chlorophenol	210	U	ug/Kg	55	210	1.0
Nitrobenzene	42	U	ug/Kg	11	42	1.0
Bis(2-chloroethoxy)methane	210	U	ug/Kg	45	210	1.0
1,2,4-Trichlorobenzene	210	U	ug/Kg	48	210	1.0
Benzoic acid	2100	U	ug/Kg	490	2100	1.0
Isophorone	210	U	ug/Kg	50	210	1.0
2,4-Dimethylphenol	420	U	ug/Kg	94	420	1.0
Hexachlorobutadiene	210	U	ug/Kg	46	210	1.0
Naphthalene	67		ug/Kg	8.3	42	1.0
2,4-Dichlorophenol	420	U	ug/Kg	93	420	1.0
4-Chloroaniline	850	U	ug/Kg	210	850	1.0
2,4,6-Trichlorophenol	420	U	ug/Kg	91	420	1.0
2,4,5-Trichlorophenol	420	U	ug/Kg	130	420	1.0
Hexachlorocyclopentadiene	850	U *	ug/Kg	230	850	1.0
2-Methylnaphthalene	120	J	ug/Kg	52	210	1.0
2-Nitroaniline	210	U	ug/Kg	61	210	1.0
2-Chloronaphthalene	210	U	ug/Kg	46	210	1.0
4-Chloro-3-methylphenol	420	U	ug/Kg	130	420	1.0
2,6-Dinitrotoluene	210	U	ug/Kg	60	210	1.0
2-Nitrophenol	420	U	ug/Kg	120	420	1.0
3-Nitroaniline	420	U	ug/Kg	180	420	1.0
Dimethyl phthalate	210	U	ug/Kg	48	210	1.0
2,4-Dinitrophenol	850	U	ug/Kg	610	850	1.0
Acenaphthylene	39	J	ug/Kg	13	42	1.0
2,4-Dinitrotoluene	210	U	ug/Kg	70	210	1.0
Acenaphthene	52		ug/Kg	8.8	42	1.0
Dibenzofuran	87	J	ug/Kg	42	210	1.0
4-Nitrophenol	850	U	ug/Kg	150	850	1.0

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Job Number: 500-5327-1

Client Sample ID: VPSD-02
Lab Sample ID: 500-5327-6

Date Sampled: 07/16/2007 1510
Date Received: 07/18/2007 0925
Client Matrix: Solid
Percent Solids: 77

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Fluorene	82		ug/Kg	9.3	42	1.0
4-Nitroaniline	420	U	ug/Kg	85	420	1.0
4-Bromophenyl phenyl ether	210	U	ug/Kg	53	210	1.0
Hexachlorobenzene	85	U	ug/Kg	9.2	85	1.0
Diethyl phthalate	210	U	ug/Kg	55	210	1.0
4-Chlorophenyl phenyl ether	210	U	ug/Kg	49	210	1.0
Pentachlorophenol	850	U	ug/Kg	300	850	1.0
N-Nitrosodiphenylamine	210	U	ug/Kg	49	210	1.0
4,6-Dinitro-2-methylphenol	420	U	ug/Kg	170	420	1.0
Phenanthrene	890		ug/Kg	13	42	1.0
Anthracene	150		ug/Kg	15	42	1.0
Carbazole	210	U	ug/Kg	54	210	1.0
Di-n-butyl phthalate	210	U	ug/Kg	55	210	1.0
Benzidine	850	U	ug/Kg	19	850	1.0
Fluoranthene	1500		ug/Kg	16	42	1.0
Pyrene	2100		ug/Kg	9.9	42	1.0
Butyl benzyl phthalate	210	U	ug/Kg	59	210	1.0
Benzo[a]anthracene	1200		ug/Kg	6.8	42	1.0
Chrysene	1800		ug/Kg	11	42	1.0
3,3'-Dichlorobenzidine	210	U	ug/Kg	49	210	1.0
Bis(2-ethylhexyl) phthalate	210	U	ug/Kg	59	210	1.0
Di-n-octyl phthalate	210	U	ug/Kg	55	210	1.0
Benzo[b]fluoranthene	1700		ug/Kg	12	42	1.0
Benzo[k]fluoranthene	660		ug/Kg	9.3	42	1.0
Benzo[a]pyrene	820		ug/Kg	10	42	1.0
Indeno[1,2,3-cd]pyrene	710		ug/Kg	23	42	1.0
Dibenz(a,h)anthracene	320		ug/Kg	23	42	1.0
Benzo[g,h,i]perylene	890		ug/Kg	7.1	42	1.0

Surrogate			Acceptance Limits
2-Fluorophenol	40	%	24 - 115
Phenol-d5	50	%	26 - 117
Nitrobenzene-d5	36	%	20 - 109
2-Fluorobiphenyl	54	%	31 - 107
2,4,6-Tribromophenol	64	%	24 - 134
Terphenyl-d14	102	%	45 - 123

Method: 6010B Date Analyzed: 07/21/2007 1451
Prep Method: 3050B Date Prepared: 07/19/2007 1730

Arsenic	7.3	mg/Kg	0.30	1.1	1.0
Barium	71	mg/Kg	0.49	1.1	1.0
Cadmium	0.40	mg/Kg	0.067	0.22	1.0

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Job Number: 500-5327-1

Client Sample ID: VPSD-02
Lab Sample ID: 500-5327-6

Date Sampled: 07/16/2007 1510
Date Received: 07/18/2007 0925
Client Matrix: Solid
Percent Solids: 77

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Chromium	71	B	mg/Kg	0.12	1.1	1.0
Lead	610		mg/Kg	0.27	0.56	1.0
Selenium	0.95	J	mg/Kg	0.43	1.1	1.0
Silver	0.56	U	mg/Kg	0.11	0.56	1.0
Method: 7471A			Date Analyzed:	07/26/2007 1405		
Prep Method: 7471A			Date Prepared:	07/25/2007 1300		
Mercury	0.033		mg/Kg	0.0069	0.022	1.0
Method: PercentMoisture			Date Analyzed:	07/19/2007 0213		
Percent Moisture	23		%	0.10	0.10	1.0

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Job Number: 500-5327-1

Client Sample ID: VPSD-03
Lab Sample ID: 500-5327-7

Date Sampled: 07/16/2007 1535
Date Received: 07/18/2007 0925
Client Matrix: Solid
Percent Solids: 72

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8270C			Date Analyzed:	07/26/2007 2212		
Prep Method: 3541			Date Prepared:	07/21/2007 1300		
Phenol	2300	U	ug/Kg	590	2300	1.0
Bis(2-chloroethyl)ether	2300	U	ug/Kg	630	2300	1.0
1,3-Dichlorobenzene	2300	U	ug/Kg	440	2300	1.0
1,4-Dichlorobenzene	2300	U	ug/Kg	530	2300	1.0
1,2-Dichlorobenzene	2300	U	ug/Kg	480	2300	1.0
Benzyl alcohol	4500	U	ug/Kg	2200	4500	1.0
2-Methylphenol	2300	U	ug/Kg	630	2300	1.0
2,2'-oxybis[1-chloropropane]	2300	U	ug/Kg	550	2300	1.0
N-Nitrosodi-n-propylamine	2300	U	ug/Kg	610	2300	1.0
Hexachloroethane	2300	U	ug/Kg	500	2300	1.0
4-Methylphenol	2300	U	ug/Kg	800	2300	1.0
2-Chlorophenol	2300	U	ug/Kg	590	2300	1.0
Nitrobenzene	450	U	ug/Kg	120	450	1.0
Bis(2-chloroethoxy)methane	2300	U	ug/Kg	480	2300	1.0
1,2,4-Trichlorobenzene	2300	U	ug/Kg	520	2300	1.0
Benzoic acid	23000	U	ug/Kg	5200	23000	1.0
Isophorone	2300	U	ug/Kg	540	2300	1.0
2,4-Dimethylphenol	4500	U	ug/Kg	1000	4500	1.0
Hexachlorobutadiene	2300	U	ug/Kg	490	2300	1.0
Naphthalene	1800		ug/Kg	89	450	1.0
2,4-Dichlorophenol	4500	U	ug/Kg	1000	4500	1.0
4-Chloroaniline	9200	U	ug/Kg	2200	9200	1.0
2,4,6-Trichlorophenol	4500	U	ug/Kg	970	4500	1.0
2,4,5-Trichlorophenol	4500	U	ug/Kg	1300	4500	1.0
Hexachlorocyclopentadiene	9200	U *	ug/Kg	2400	9200	1.0
2-Methylnaphthalene	850	J	ug/Kg	560	2300	1.0
2-Nitroaniline	2300	U	ug/Kg	660	2300	1.0
2-Chloronaphthalene	2300	U	ug/Kg	500	2300	1.0
4-Chloro-3-methylphenol	4500	U	ug/Kg	1300	4500	1.0
2,6-Dinitrotoluene	2300	U	ug/Kg	640	2300	1.0
2-Nitrophenol	4500	U	ug/Kg	1300	4500	1.0
3-Nitroaniline	4500	U	ug/Kg	2000	4500	1.0
Dimethyl phthalate	2300	U	ug/Kg	510	2300	1.0
2,4-Dinitrophenol	9200	U	ug/Kg	6500	9200	1.0
Acenaphthylene	450	U	ug/Kg	140	450	1.0
2,4-Dinitrotoluene	2300	U	ug/Kg	750	2300	1.0
Acenaphthene	4700		ug/Kg	94	450	1.0
Dibenzofuran	1900	J	ug/Kg	450	2300	1.0
4-Nitrophenol	9200	U	ug/Kg	1600	9200	1.0

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Job Number: 500-5327-1

Client Sample ID: VPSD-03
Lab Sample ID: 500-5327-7

Date Sampled: 07/16/2007 1535
Date Received: 07/18/2007 0925
Client Matrix: Solid
Percent Solids: 72

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Fluorene	3200		ug/Kg	100	450	1.0
4-Nitroaniline	4500	U	ug/Kg	910	4500	1.0
4-Bromophenyl phenyl ether	2300	U	ug/Kg	560	2300	1.0
Hexachlorobenzene	920	U	ug/Kg	98	920	1.0
Diethyl phthalate	2300	U	ug/Kg	590	2300	1.0
4-Chlorophenyl phenyl ether	2300	U	ug/Kg	520	2300	1.0
Pentachlorophenol	9200	U	ug/Kg	3200	9200	1.0
N-Nitrosodiphenylamine	2300	U	ug/Kg	520	2300	1.0
4,6-Dinitro-2-methylphenol	4500	U	ug/Kg	1800	4500	1.0
Phenanthrene	36000		ug/Kg	140	450	1.0
Anthracene	6900		ug/Kg	160	450	1.0
Carbazole	7900		ug/Kg	580	2300	1.0
Di-n-butyl phthalate	2300	U	ug/Kg	590	2300	1.0
Benzidine	9200	U	ug/Kg	200	9200	1.0
Butyl benzyl phthalate	2300	U	ug/Kg	640	2300	1.0
3,3'-Dichlorobenzidine	2300	U	ug/Kg	530	2300	1.0
Bis(2-ethylhexyl) phthalate	2300	U	ug/Kg	630	2300	1.0
Di-n-octyl phthalate	2300	U	ug/Kg	590	2300	1.0
Benzo[b]fluoranthene	33000		ug/Kg	130	450	1.0
Benzo[k]fluoranthene	17000		ug/Kg	100	450	1.0
Benzo[a]pyrene	22000		ug/Kg	110	450	1.0
Indeno[1,2,3-cd]pyrene	13000		ug/Kg	250	450	1.0
Dibenz(a,h)anthracene	5400		ug/Kg	240	450	1.0
Benzo[g,h,i]perylene	14000		ug/Kg	77	450	1.0

Surrogate				Acceptance Limits
2-Fluorophenol	71		%	24 - 115
Phenol-d5	73		%	26 - 117
Nitrobenzene-d5	60		%	20 - 109
2-Fluorobiphenyl	88		%	31 - 107
2,4,6-Tribromophenol	99		%	24 - 134
Terphenyl-d14	172	X	%	45 - 123

Method: 8270C Run Type: DL Date Analyzed: 07/27/2007 2115
Prep Method: 3541 Date Prepared: 07/21/2007 1300

Fluoranthene	84000		ug/Kg	870	2300	5.0
Pyrene	75000		ug/Kg	530	2300	5.0
Benzo[a]anthracene	37000		ug/Kg	360	2300	5.0
Chrysene	45000		ug/Kg	590	2300	5.0

Surrogate				Acceptance Limits
2-Fluorophenol	0	D	%	24 - 115

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Job Number: 500-5327-1

Client Sample ID: VPSD-03
Lab Sample ID: 500-5327-7

Date Sampled: 07/16/2007 1535
Date Received: 07/18/2007 0925
Client Matrix: Solid
Percent Solids: 72

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate					Acceptance Limits	
Phenol-d5	0	D	%		26 - 117	
Nitrobenzene-d5	0	D	%		20 - 109	
2-Fluorobiphenyl	0	D	%		31 - 107	
2,4,6-Tribromophenol	0	D	%		24 - 134	
Terphenyl-d14	0	D	%		45 - 123	
Method: 6010B			Date Analyzed:		07/21/2007 1456	
Prep Method: 3050B			Date Prepared:		07/19/2007 1730	
Arsenic	12		mg/Kg	0.36	1.3	1.0
Barium	220		mg/Kg	0.59	1.3	1.0
Cadmium	0.27	U	mg/Kg	0.081	0.27	1.0
Chromium	370	B	mg/Kg	0.15	1.3	1.0
Lead	1600		mg/Kg	0.32	0.67	1.0
Selenium	1.9		mg/Kg	0.51	1.3	1.0
Silver	1.0	B	mg/Kg	0.13	0.67	1.0
Method: 7471A			Date Analyzed:		07/26/2007 1407	
Prep Method: 7471A			Date Prepared:		07/25/2007 1300	
Mercury	0.026		mg/Kg	0.0073	0.023	1.0
Method: PercentMoisture			Date Analyzed:		07/19/2007 0213	
Percent Moisture	28		%	0.10	0.10	1.0

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Job Number: 500-5327-1

Client Sample ID: VPSD-04
Lab Sample ID: 500-5327-8

Date Sampled: 07/16/2007 1600
Date Received: 07/18/2007 0925
Client Matrix: Solid
Percent Solids: 35

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8270C			Date Analyzed:	07/27/2007 1822		
Prep Method: 3541			Date Prepared:	07/21/2007 1300		
Phenol	1900	U	ug/Kg	480	1900	1.0
Bis(2-chloroethyl)ether	1900	U	ug/Kg	510	1900	1.0
1,3-Dichlorobenzene	1900	U	ug/Kg	360	1900	1.0
1,4-Dichlorobenzene	1900	U	ug/Kg	430	1900	1.0
1,2-Dichlorobenzene	1900	U	ug/Kg	390	1900	1.0
Benzyl alcohol	3700	U	ug/Kg	1800	3700	1.0
2-Methylphenol	1900	U	ug/Kg	520	1900	1.0
2,2'-oxybis[1-chloropropane]	1900	U	ug/Kg	450	1900	1.0
N-Nitrosodi-n-propylamine	1900	U	ug/Kg	490	1900	1.0
Hexachloroethane	1900	U	ug/Kg	410	1900	1.0
4-Methylphenol	1900	U	ug/Kg	650	1900	1.0
2-Chlorophenol	1900	U	ug/Kg	480	1900	1.0
Nitrobenzene	370	U	ug/Kg	97	370	1.0
Bis(2-chloroethoxy)methane	1900	U	ug/Kg	390	1900	1.0
1,2,4-Trichlorobenzene	1900	U	ug/Kg	420	1900	1.0
Benzoic acid	19000	U	ug/Kg	4200	19000	1.0
Isophorone	1900	U	ug/Kg	440	1900	1.0
2,4-Dimethylphenol	3700	U	ug/Kg	820	3700	1.0
Hexachlorobutadiene	1900	U	ug/Kg	400	1900	1.0
Naphthalene	370	U	ug/Kg	72	370	1.0
2,4-Dichlorophenol	3700	U	ug/Kg	820	3700	1.0
4-Chloroaniline	7500	U	ug/Kg	1800	7500	1.0
2,4,6-Trichlorophenol	3700	U	ug/Kg	790	3700	1.0
2,4,5-Trichlorophenol	3700	U	ug/Kg	1100	3700	1.0
Hexachlorocyclopentadiene	7500	U *	ug/Kg	2000	7500	1.0
2-Methylnaphthalene	1900	U	ug/Kg	450	1900	1.0
2-Nitroaniline	1900	U	ug/Kg	530	1900	1.0
2-Chloronaphthalene	1900	U	ug/Kg	400	1900	1.0
4-Chloro-3-methylphenol	3700	U	ug/Kg	1100	3700	1.0
2,6-Dinitrotoluene	1900	U	ug/Kg	520	1900	1.0
2-Nitrophenol	3700	U	ug/Kg	1000	3700	1.0
3-Nitroaniline	3700	U	ug/Kg	1600	3700	1.0
Dimethyl phthalate	1900	U	ug/Kg	420	1900	1.0
2,4-Dinitrophenol	7500	U	ug/Kg	5300	7500	1.0
Acenaphthylene	370	U	ug/Kg	110	370	1.0
2,4-Dinitrotoluene	1900	U	ug/Kg	610	1900	1.0
Acenaphthene	370	U	ug/Kg	77	370	1.0
Dibenzofuran	1900	U	ug/Kg	370	1900	1.0
4-Nitrophenol	7500	U	ug/Kg	1300	7500	1.0

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Job Number: 500-5327-1

Client Sample ID: VPSD-04
Lab Sample ID: 500-5327-8

Date Sampled: 07/16/2007 1600
Date Received: 07/18/2007 0925
Client Matrix: Solid
Percent Solids: 35

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Fluorene	370	U	ug/Kg	81	370	1.0
4-Nitroaniline	3700	U	ug/Kg	740	3700	1.0
4-Bromophenyl phenyl ether	1900	U	ug/Kg	460	1900	1.0
Hexachlorobenzene	750	U	ug/Kg	80	750	1.0
Diethyl phthalate	1900	U	ug/Kg	480	1900	1.0
4-Chlorophenyl phenyl ether	1900	U	ug/Kg	420	1900	1.0
Pentachlorophenol	7500	U	ug/Kg	2600	7500	1.0
N-Nitrosodiphenylamine	1900	U	ug/Kg	420	1900	1.0
4,6-Dinitro-2-methylphenol	3700	U	ug/Kg	1500	3700	1.0
Phenanthrene	140	J	ug/Kg	120	370	1.0
Anthracene	370	U	ug/Kg	130	370	1.0
Carbazole	1900	U	ug/Kg	470	1900	1.0
Di-n-butyl phthalate	1900	U	ug/Kg	480	1900	1.0
Benzidine	7500	U	ug/Kg	170	7500	1.0
Fluoranthene	320	J	ug/Kg	140	370	1.0
Pyrene	290	J	ug/Kg	87	370	1.0
Butyl benzyl phthalate	1900	U	ug/Kg	520	1900	1.0
Benzo[a]anthracene	190	J	ug/Kg	59	370	1.0
Chrysene	240	J	ug/Kg	96	370	1.0
3,3'-Dichlorobenzidine	1900	U	ug/Kg	430	1900	1.0
Bis(2-ethylhexyl) phthalate	1900	U	ug/Kg	510	1900	1.0
Di-n-octyl phthalate	1900	U	ug/Kg	480	1900	1.0
Benzo[b]fluoranthene	360	J	ug/Kg	110	370	1.0
Benzo[k]fluoranthene	370	U	ug/Kg	81	370	1.0
Benzo[a]pyrene	200	J	ug/Kg	88	370	1.0
Indeno[1,2,3-cd]pyrene	370	U	ug/Kg	200	370	1.0
Dibenz(a,h)anthracene	370	U	ug/Kg	200	370	1.0
Benzo[g,h,i]perylene	200	J	ug/Kg	62	370	1.0

Surrogate		Acceptance Limits
2-Fluorophenol	63	%	24 - 115
Phenol-d5	63	%	26 - 117
Nitrobenzene-d5	59	%	20 - 109
2-Fluorobiphenyl	68	%	31 - 107
2,4,6-Tribromophenol	77	%	24 - 134
Terphenyl-d14	90	%	45 - 123

Method: 6010B Date Analyzed: 07/21/2007 1500
Prep Method: 3050B Date Prepared: 07/19/2007 1730

Arsenic	7.4		mg/Kg	0.67	2.5	1.0
Barium	47		mg/Kg	1.1	2.5	1.0
Cadmium	0.50	U	mg/Kg	0.15	0.50	1.0

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Job Number: 500-5327-1

Client Sample ID: VPSD-04
Lab Sample ID: 500-5327-8

Date Sampled: 07/16/2007 1600
Date Received: 07/18/2007 0925
Client Matrix: Solid
Percent Solids: 35

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Chromium	15	B	mg/Kg	0.27	2.5	1.0
Lead	49		mg/Kg	0.60	1.2	1.0
Selenium	1.1	J	mg/Kg	0.95	2.5	1.0
Silver	1.2	U	mg/Kg	0.25	1.2	1.0
Method: 7471A			Date Analyzed:	07/26/2007 1409		
Prep Method: 7471A			Date Prepared:	07/25/2007 1300		
Mercury	0.038	J	mg/Kg	0.015	0.047	1.0
Method: PercentMoisture			Date Analyzed:	07/19/2007 0213		
Percent Moisture	65		%	0.10	0.10	1.0

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Job Number: 500-5327-1

Client Sample ID: VPSD-05
Lab Sample ID: 500-5327-9

Date Sampled: 07/16/2007 1620
Date Received: 07/18/2007 0925
Client Matrix: Solid
Percent Solids: 17

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8270C			Date Analyzed:	07/30/2007 1938		
Prep Method: 3541			Date Prepared:	07/21/2007 1300		
Phenol	3900	U	ug/Kg	1000	3900	1.0
Bis(2-chloroethyl)ether	3900	U	ug/Kg	1100	3900	1.0
1,3-Dichlorobenzene	3900	U	ug/Kg	750	3900	1.0
1,4-Dichlorobenzene	3900	U	ug/Kg	890	3900	1.0
1,2-Dichlorobenzene	3900	U	ug/Kg	810	3900	1.0
Benzyl alcohol	7700	U	ug/Kg	3700	7700	1.0
2-Methylphenol	3900	U	ug/Kg	1100	3900	1.0
2,2'-oxybis[1-chloropropane]	3900	U	ug/Kg	930	3900	1.0
N-Nitrosodi-n-propylamine	3900	U	ug/Kg	1000	3900	1.0
Hexachloroethane	3900	U	ug/Kg	850	3900	1.0
4-Methylphenol	3900	U	ug/Kg	1400	3900	1.0
2-Chlorophenol	3900	U	ug/Kg	1000	3900	1.0
Nitrobenzene	770	U	ug/Kg	200	770	1.0
Bis(2-chloroethoxy)methane	3900	U	ug/Kg	820	3900	1.0
1,2,4-Trichlorobenzene	3900	U	ug/Kg	880	3900	1.0
Benzoic acid	39000	U	ug/Kg	8900	39000	1.0
Isophorone	3900	U	ug/Kg	920	3900	1.0
2,4-Dimethylphenol	7700	U	ug/Kg	1700	7700	1.0
Hexachlorobutadiene	3900	U	ug/Kg	830	3900	1.0
Naphthalene	770	U	ug/Kg	150	770	1.0
2,4-Dichlorophenol	7700	U	ug/Kg	1700	7700	1.0
4-Chloroaniline	16000	U	ug/Kg	3800	16000	1.0
2,4,6-Trichlorophenol	7700	U	ug/Kg	1700	7700	1.0
2,4,5-Trichlorophenol	7700	U	ug/Kg	2300	7700	1.0
Hexachlorocyclopentadiene	16000	U *	ug/Kg	4100	16000	1.0
2-Methylnaphthalene	3900	U	ug/Kg	940	3900	1.0
2-Nitroaniline	3900	U	ug/Kg	1100	3900	1.0
2-Chloronaphthalene	3900	U	ug/Kg	850	3900	1.0
4-Chloro-3-methylphenol	7700	U	ug/Kg	2300	7700	1.0
2,6-Dinitrotoluene	3900	U	ug/Kg	1100	3900	1.0
2-Nitrophenol	7700	U	ug/Kg	2100	7700	1.0
3-Nitroaniline	7700	U	ug/Kg	3400	7700	1.0
Dimethyl phthalate	3900	U	ug/Kg	870	3900	1.0
2,4-Dinitrophenol	16000	U	ug/Kg	11000	16000	1.0
Acenaphthylene	770	U	ug/Kg	240	770	1.0
2,4-Dinitrotoluene	3900	U	ug/Kg	1300	3900	1.0
Acenaphthene	770	U	ug/Kg	160	770	1.0
Dibenzofuran	3900	U	ug/Kg	770	3900	1.0
4-Nitrophenol	16000	U	ug/Kg	2700	16000	1.0

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Job Number: 500-5327-1

Client Sample ID: VPSD-05
Lab Sample ID: 500-5327-9

Date Sampled: 07/16/2007 1620
Date Received: 07/18/2007 0925
Client Matrix: Solid
Percent Solids: 17

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Fluorene	770	U	ug/Kg	170	770	1.0
4-Nitroaniline	7700	U	ug/Kg	1500	7700	1.0
4-Bromophenyl phenyl ether	3900	U	ug/Kg	960	3900	1.0
Hexachlorobenzene	1600	U	ug/Kg	170	1600	1.0
Diethyl phthalate	3900	U	ug/Kg	1000	3900	1.0
4-Chlorophenyl phenyl ether	3900	U	ug/Kg	890	3900	1.0
Pentachlorophenol	16000	U	ug/Kg	5400	16000	1.0
N-Nitrosodiphenylamine	3900	U	ug/Kg	890	3900	1.0
4,6-Dinitro-2-methylphenol	7700	U	ug/Kg	3000	7700	1.0
Phenanthrene	330	J	ug/Kg	240	770	1.0
Anthracene	770	U	ug/Kg	270	770	1.0
Carbazole	3900	U	ug/Kg	980	3900	1.0
Di-n-butyl phthalate	3900	U	ug/Kg	1000	3900	1.0
Benzidine	16000	U	ug/Kg	350	16000	1.0
Fluoranthene	670	J	ug/Kg	300	770	1.0
Pyrene	630	J	ug/Kg	180	770	1.0
Butyl benzyl phthalate	3900	U	ug/Kg	1100	3900	1.0
Benzo[a]anthracene	350	J	ug/Kg	120	770	1.0
Chrysene	570	J	ug/Kg	200	770	1.0
3,3'-Dichlorobenzidine	3900	U	ug/Kg	900	3900	1.0
Bis(2-ethylhexyl) phthalate	3900	U	ug/Kg	1100	3900	1.0
Di-n-octyl phthalate	3900	U	ug/Kg	1000	3900	1.0
Benzo[b]fluoranthene	600	J	ug/Kg	230	770	1.0
Benzo[k]fluoranthene	770	U	ug/Kg	170	770	1.0
Benzo[a]pyrene	390	J	ug/Kg	180	770	1.0
Indeno[1,2,3-cd]pyrene	770	U	ug/Kg	420	770	1.0
Dibenz(a,h)anthracene	770	U	ug/Kg	410	770	1.0
Benzo[g,h,i]perylene	460	J	ug/Kg	130	770	1.0

Surrogate			Acceptance Limits
2-Fluorophenol	60	%	24 - 115
Phenol-d5	68	%	26 - 117
Nitrobenzene-d5	56	%	20 - 109
2-Fluorobiphenyl	68	%	31 - 107
2,4,6-Tribromophenol	69	%	24 - 134
Terphenyl-d14	93	%	45 - 123

Method: 6010B Date Analyzed: 07/21/2007 1528
Prep Method: 3050B Date Prepared: 07/19/2007 1730

Arsenic	18		mg/Kg	1.4	5.4	1.0
Barium	84		mg/Kg	2.4	5.4	1.0
Cadmium	0.62	J	mg/Kg	0.32	1.1	1.0

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Job Number: 500-5327-1

Client Sample ID: VPSD-05
Lab Sample ID: 500-5327-9

Date Sampled: 07/16/2007 1620
Date Received: 07/18/2007 0925
Client Matrix: Solid
Percent Solids: 17

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Chromium	23	B	mg/Kg	0.59	5.4	1.0
Lead	89		mg/Kg	1.3	2.7	1.0
Selenium	5.4	U	mg/Kg	2.0	5.4	1.0
Silver	0.63	J B	mg/Kg	0.54	2.7	1.0
Method: 7471A			Date Analyzed:	07/26/2007 1411		
Prep Method: 7471A			Date Prepared:	07/25/2007 1300		
Mercury	0.11		mg/Kg	0.031	0.098	1.0
Method: PercentMoisture			Date Analyzed:	07/19/2007 0213		
Percent Moisture	83		%	0.10	0.10	1.0

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Job Number: 500-5327-1

Client Sample ID: VPSD-06
Lab Sample ID: 500-5327-10

Date Sampled: 07/16/2007 1645
Date Received: 07/18/2007 0925
Client Matrix: Solid
Percent Solids: 13

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8270C			Date Analyzed:	07/30/2007 1959		
Prep Method: 3541			Date Prepared:	07/21/2007 1300		
Phenol	2500	U	ug/Kg	650	2500	1.0
Bis(2-chloroethyl)ether	2500	U	ug/Kg	680	2500	1.0
1,3-Dichlorobenzene	2500	U	ug/Kg	480	2500	1.0
1,4-Dichlorobenzene	2500	U	ug/Kg	570	2500	1.0
1,2-Dichlorobenzene	2500	U	ug/Kg	520	2500	1.0
Benzyl alcohol	4900	U	ug/Kg	2400	4900	1.0
2-Methylphenol	2500	U	ug/Kg	690	2500	1.0
2,2'-oxybis[1-chloropropane]	2500	U	ug/Kg	600	2500	1.0
N-Nitrosodi-n-propylamine	2500	U	ug/Kg	660	2500	1.0
Hexachloroethane	2500	U	ug/Kg	550	2500	1.0
4-Methylphenol	2500	U	ug/Kg	870	2500	1.0
2-Chlorophenol	2500	U	ug/Kg	650	2500	1.0
Nitrobenzene	490	U	ug/Kg	130	490	1.0
Bis(2-chloroethoxy)methane	2500	U	ug/Kg	530	2500	1.0
1,2,4-Trichlorobenzene	2500	U	ug/Kg	570	2500	1.0
Benzoic acid	25000	U	ug/Kg	5700	25000	1.0
Isophorone	2500	U	ug/Kg	590	2500	1.0
2,4-Dimethylphenol	4900	U	ug/Kg	1100	4900	1.0
Hexachlorobutadiene	2500	U	ug/Kg	530	2500	1.0
Naphthalene	490	U	ug/Kg	97	490	1.0
2,4-Dichlorophenol	4900	U	ug/Kg	1100	4900	1.0
4-Chloroaniline	10000	U	ug/Kg	2400	10000	1.0
2,4,6-Trichlorophenol	4900	U	ug/Kg	1100	4900	1.0
2,4,5-Trichlorophenol	4900	U	ug/Kg	1500	4900	1.0
Hexachlorocyclopentadiene	10000	U *	ug/Kg	2700	10000	1.0
2-Methylnaphthalene	2500	U	ug/Kg	610	2500	1.0
2-Nitroaniline	2500	U	ug/Kg	720	2500	1.0
2-Chloronaphthalene	2500	U	ug/Kg	540	2500	1.0
4-Chloro-3-methylphenol	4900	U	ug/Kg	1500	4900	1.0
2,6-Dinitrotoluene	2500	U	ug/Kg	700	2500	1.0
2-Nitrophenol	4900	U	ug/Kg	1400	4900	1.0
3-Nitroaniline	4900	U	ug/Kg	2200	4900	1.0
Dimethyl phthalate	2500	U	ug/Kg	560	2500	1.0
2,4-Dinitrophenol	10000	U	ug/Kg	7100	10000	1.0
Acenaphthylene	490	U	ug/Kg	150	490	1.0
2,4-Dinitrotoluene	2500	U	ug/Kg	820	2500	1.0
Acenaphthene	490	U	ug/Kg	100	490	1.0
Dibenzofuran	2500	U	ug/Kg	500	2500	1.0
4-Nitrophenol	10000	U	ug/Kg	1700	10000	1.0

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Job Number: 500-5327-1

Client Sample ID: VPSD-06
Lab Sample ID: 500-5327-10

Date Sampled: 07/16/2007 1645
Date Received: 07/18/2007 0925
Client Matrix: Solid
Percent Solids: 13

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Fluorene	490	U	ug/Kg	110	490	1.0
4-Nitroaniline	4900	U	ug/Kg	990	4900	1.0
4-Bromophenyl phenyl ether	2500	U	ug/Kg	620	2500	1.0
Hexachlorobenzene	1000	U	ug/Kg	110	1000	1.0
Diethyl phthalate	2500	U	ug/Kg	640	2500	1.0
4-Chlorophenyl phenyl ether	2500	U	ug/Kg	570	2500	1.0
Pentachlorophenol	10000	U	ug/Kg	3500	10000	1.0
N-Nitrosodiphenylamine	2500	U	ug/Kg	570	2500	1.0
4,6-Dinitro-2-methylphenol	4900	U	ug/Kg	2000	4900	1.0
Phenanthrene	530		ug/Kg	160	490	1.0
Anthracene	490	U	ug/Kg	170	490	1.0
Carbazole	2500	U	ug/Kg	630	2500	1.0
Di-n-butyl phthalate	2500	U	ug/Kg	640	2500	1.0
Benzidine	10000	U	ug/Kg	220	10000	1.0
Fluoranthene	1000		ug/Kg	190	490	1.0
Pyrene	950		ug/Kg	120	490	1.0
Butyl benzyl phthalate	2500	U	ug/Kg	700	2500	1.0
Benzo[a]anthracene	480	J	ug/Kg	79	490	1.0
Chrysene	800		ug/Kg	130	490	1.0
3,3'-Dichlorobenzidine	2500	U	ug/Kg	580	2500	1.0
Bis(2-ethylhexyl) phthalate	1700	J	ug/Kg	690	2500	1.0
Di-n-octyl phthalate	2500	U	ug/Kg	650	2500	1.0
Benzo[b]fluoranthene	940		ug/Kg	150	490	1.0
Benzo[k]fluoranthene	390	J	ug/Kg	110	490	1.0
Benzo[a]pyrene	520		ug/Kg	120	490	1.0
Indeno[1,2,3-cd]pyrene	430	J	ug/Kg	270	490	1.0
Dibenz(a,h)anthracene	490	U	ug/Kg	260	490	1.0
Benzo[g,h,i]perylene	550		ug/Kg	84	490	1.0

Surrogate		Acceptance Limits
2-Fluorophenol	42 %	24 - 115
Phenol-d5	47 %	26 - 117
Nitrobenzene-d5	40 %	20 - 109
2-Fluorobiphenyl	49 %	31 - 107
2,4,6-Tribromophenol	41 %	24 - 134
Terphenyl-d14	65 %	45 - 123

Method: 6010B Date Analyzed: 07/21/2007 1532
Prep Method: 3050B Date Prepared: 07/19/2007 1730

Arsenic	14		mg/Kg	1.9	6.9	1.0
Barium	110		mg/Kg	3.0	6.9	1.0
Cadmium	1.4	U	mg/Kg	0.41	1.4	1.0

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Job Number: 500-5327-1

Client Sample ID: VPSD-06
Lab Sample ID: 500-5327-10

Date Sampled: 07/16/2007 1645
Date Received: 07/18/2007 0925
Client Matrix: Solid
Percent Solids: 13

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Chromium	28	B	mg/Kg	0.76	6.9	1.0
Lead	210		mg/Kg	1.7	3.4	1.0
Selenium	2.7	J	mg/Kg	2.6	6.9	1.0
Silver	3.4	U	mg/Kg	0.69	3.4	1.0
Method: 7471A			Date Analyzed:	07/26/2007 1413		
Prep Method: 7471A			Date Prepared:	07/25/2007 1300		
Mercury	0.20		mg/Kg	0.041	0.13	1.0
Method: PercentMoisture			Date Analyzed:	07/19/2007 0213		
Percent Moisture	87		%	0.10	0.10	1.0

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Job Number: 500-5327-1

Client Sample ID: VPBH-24
Lab Sample ID: 500-5327-11

Date Sampled: 07/17/2007 0835
Date Received: 07/18/2007 0925
Client Matrix: Solid
Percent Solids: 88

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	07/26/2007 1604		
Prep Method: 5035			Date Prepared:	07/17/2007 0835		
1,1,2,2-Tetrachloroethane	81	U	ug/Kg	22	81	1.0
Vinyl chloride	40	U	ug/Kg	20	40	1.0
Bromomethane	160	U	ug/Kg	79	160	1.0
Chloroethane	160	U	ug/Kg	31	160	1.0
Benzene	1300		ug/Kg	7.1	40	1.0
Acrolein	3200	U	ug/Kg	1600	3200	1.0
1,1-Dichloroethene	81	U	ug/Kg	22	81	1.0
Carbon disulfide	160	U	ug/Kg	15	160	1.0
Acetone	320	U *	ug/Kg	100	320	1.0
Methylene Chloride	190		ug/Kg	48	160	1.0
trans-1,2-Dichloroethene	81	U	ug/Kg	16	81	1.0
Methyl tert-butyl ether	160	U	ug/Kg	19	160	1.0
1,1-Dichloroethane	81	U	ug/Kg	16	81	1.0
Vinyl acetate	160	U	ug/Kg	27	160	1.0
cis-1,2-Dichloroethene	81	U	ug/Kg	23	81	1.0
2-Butanone (MEK)	160	U	ug/Kg	90	160	1.0
Chloroform	81	U	ug/Kg	16	81	1.0
Carbon tetrachloride	81	U	ug/Kg	48	81	1.0
1,2-Dichloroethane	81	U	ug/Kg	20	81	1.0
Trichloroethene	40	U	ug/Kg	18	40	1.0
1,2-Dichloropropane	81	U	ug/Kg	21	81	1.0
Bromodichloromethane	160	U	ug/Kg	14	160	1.0
cis-1,3-Dichloropropene	81	U	ug/Kg	15	81	1.0
4-Methyl-2-pentanone (MIBK)	160	U	ug/Kg	100	160	1.0
Toluene	690		ug/Kg	9.7	40	1.0
trans-1,3-Dichloropropene	81	U	ug/Kg	30	81	1.0
1,1,2-Trichloroethane	81	U	ug/Kg	27	81	1.0
Tetrachloroethene	81	U	ug/Kg	32	81	1.0
Chlorobenzene	81	U	ug/Kg	19	81	1.0
Ethylbenzene	160		ug/Kg	14	40	1.0
Styrene	81	U	ug/Kg	26	81	1.0
Bromoform	160	U	ug/Kg	28	160	1.0
Xylenes, Total	1800		ug/Kg	35	81	1.0
n-Butyl alcohol	16000	U	ug/Kg	6100	16000	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107	%	70 - 125
Toluene-d8 (Surr)	98	%	75 - 120
4-Bromofluorobenzene (Surr)	99	%	75 - 120

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Job Number: 500-5327-1

Client Sample ID: VPBH-24
Lab Sample ID: 500-5327-11

Date Sampled: 07/17/2007 0835
Date Received: 07/18/2007 0925
Client Matrix: Solid
Percent Solids: 88

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate					Acceptance Limits	
Dibromofluoromethane	99		%		75 - 120	
Method: 8270C			Date Analyzed:		07/27/2007 1927	
Prep Method: 3541			Date Prepared:		07/21/2007 1300	
Phenol	830	J	ug/Kg	240	940	5.0
Bis(2-chloroethyl)ether	940	U	ug/Kg	260	940	5.0
1,3-Dichlorobenzene	940	U	ug/Kg	180	940	5.0
1,4-Dichlorobenzene	940	U	ug/Kg	220	940	5.0
1,2-Dichlorobenzene	940	U	ug/Kg	200	940	5.0
Benzyl alcohol	1900	U	ug/Kg	900	1900	5.0
2-Methylphenol	560	J	ug/Kg	260	940	5.0
2,2'-oxybis[1-chloropropane]	940	U	ug/Kg	230	940	5.0
N-Nitrosodi-n-propylamine	940	U	ug/Kg	250	940	5.0
Hexachloroethane	940	U	ug/Kg	210	940	5.0
4-Methylphenol	690	J	ug/Kg	330	940	5.0
2-Chlorophenol	940	U	ug/Kg	240	940	5.0
Nitrobenzene	190	U	ug/Kg	49	190	5.0
Bis(2-chloroethoxy)methane	940	U	ug/Kg	200	940	5.0
1,2,4-Trichlorobenzene	940	U	ug/Kg	210	940	5.0
Benzoic acid	9400	U	ug/Kg	2100	9400	5.0
Isophorone	940	U	ug/Kg	220	940	5.0
2,4-Dimethylphenol	550	J	ug/Kg	410	1900	5.0
Hexachlorobutadiene	940	U	ug/Kg	200	940	5.0
Naphthalene	1200		ug/Kg	37	190	5.0
2,4-Dichlorophenol	1900	U	ug/Kg	410	1900	5.0
4-Chloroaniline	3800	U	ug/Kg	910	3800	5.0
2,4,6-Trichlorophenol	1900	U	ug/Kg	400	1900	5.0
2,4,5-Trichlorophenol	1900	U	ug/Kg	550	1900	5.0
Hexachlorocyclopentadiene	3800	U *	ug/Kg	1000	3800	5.0
2-Methylnaphthalene	970		ug/Kg	230	940	5.0
2-Nitroaniline	940	U	ug/Kg	270	940	5.0
2-Chloronaphthalene	940	U	ug/Kg	200	940	5.0
4-Chloro-3-methylphenol	1900	U	ug/Kg	550	1900	5.0
2,6-Dinitrotoluene	940	U	ug/Kg	260	940	5.0
2-Nitrophenol	1900	U	ug/Kg	520	1900	5.0
3-Nitroaniline	1900	U	ug/Kg	820	1900	5.0
Dimethyl phthalate	940	U	ug/Kg	210	940	5.0
2,4-Dinitrophenol	3800	U	ug/Kg	2700	3800	5.0
Acenaphthylene	190	U	ug/Kg	57	190	5.0
2,4-Dinitrotoluene	940	U	ug/Kg	310	940	5.0

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Job Number: 500-5327-1

Client Sample ID: VPBH-24
Lab Sample ID: 500-5327-11

Date Sampled: 07/17/2007 0835
Date Received: 07/18/2007 0925
Client Matrix: Solid
Percent Solids: 88

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Acenaphthene	96	J	ug/Kg	39	190	5.0
Dibenzofuran	240	J	ug/Kg	190	940	5.0
4-Nitrophenol	3800	U	ug/Kg	650	3800	5.0
Fluorene	210		ug/Kg	41	190	5.0
4-Nitroaniline	1900	U	ug/Kg	370	1900	5.0
4-Bromophenyl phenyl ether	940	U	ug/Kg	230	940	5.0
Hexachlorobenzene	380	U	ug/Kg	41	380	5.0
Diethyl phthalate	940	U	ug/Kg	240	940	5.0
4-Chlorophenyl phenyl ether	940	U	ug/Kg	210	940	5.0
Pentachlorophenol	3800	U	ug/Kg	1300	3800	5.0
N-Nitrosodiphenylamine	940	U	ug/Kg	210	940	5.0
4,6-Dinitro-2-methylphenol	1900	U	ug/Kg	740	1900	5.0
Phenanthrene	880		ug/Kg	59	190	5.0
Anthracene	200		ug/Kg	65	190	5.0
Carbazole	940	U	ug/Kg	240	940	5.0
Di-n-butyl phthalate	940	U	ug/Kg	240	940	5.0
Benzidine	3800	U	ug/Kg	84	3800	5.0
Fluoranthene	530		ug/Kg	71	190	5.0
Pyrene	1400		ug/Kg	44	190	5.0
Butyl benzyl phthalate	940	U	ug/Kg	260	940	5.0
Benzo[a]anthracene	3200		ug/Kg	30	190	5.0
Chrysene	8800		ug/Kg	48	190	5.0
3,3'-Dichlorobenzidine	940	U	ug/Kg	220	940	5.0
Bis(2-ethylhexyl) phthalate	940	U	ug/Kg	260	940	5.0
Di-n-octyl phthalate	940	U	ug/Kg	240	940	5.0
Benzo[b]fluoranthene	1700		ug/Kg	55	190	5.0
Benzo[k]fluoranthene	900		ug/Kg	41	190	5.0
Benzo[a]pyrene	2200		ug/Kg	44	190	5.0
Indeno[1,2,3-cd]pyrene	590		ug/Kg	100	190	5.0
Dibenz(a,h)anthracene	950		ug/Kg	100	190	5.0
Benzo[g,h,i]perylene	1300		ug/Kg	32	190	5.0

Surrogate			Acceptance Limits
2-Fluorophenol	82	%	24 - 115
Phenol-d5	88	%	26 - 117
Nitrobenzene-d5	79	%	20 - 109
2-Fluorobiphenyl	102	%	31 - 107
2,4,6-Tribromophenol	67	%	24 - 134
Terphenyl-d14	122	%	45 - 123

Method: 6010B
Prep Method: 3050B

Date Analyzed: 07/21/2007 1537
Date Prepared: 07/19/2007 1730

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Job Number: 500-5327-1

Client Sample ID: VPBH-24
Lab Sample ID: 500-5327-11

Date Sampled: 07/17/2007 0835
Date Received: 07/18/2007 0925
Client Matrix: Solid
Percent Solids: 88

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Arsenic	2.3		mg/Kg	0.28	1.1	1.0
Barium	22		mg/Kg	0.46	1.1	1.0
Cadmium	0.21	U	mg/Kg	0.063	0.21	1.0
Chromium	12	B	mg/Kg	0.12	1.1	1.0
Lead	9.0		mg/Kg	0.25	0.53	1.0
Selenium	0.45	J	mg/Kg	0.40	1.1	1.0
Silver	0.53	U	mg/Kg	0.11	0.53	1.0
Method: 7471A			Date Analyzed:	07/26/2007 1415		
Prep Method: 7471A			Date Prepared:	07/25/2007 1300		
Mercury	0.020		mg/Kg	0.0060	0.019	1.0
Method: PercentMoisture			Date Analyzed:	07/19/2007 0213		
Percent Moisture	12		%	0.10	0.10	1.0

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Job Number: 500-5327-1

Client Sample ID: VPBH-25
Lab Sample ID: 500-5327-12

Date Sampled: 07/17/2007 0855
Date Received: 07/18/2007 0925
Client Matrix: Solid
Percent Solids: 82

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	07/26/2007 1626		
Prep Method: 5035			Date Prepared:	07/17/2007 0855		
1,1,2,2-Tetrachloroethane	81	U	ug/Kg	22	81	2.0
Vinyl chloride	41	U	ug/Kg	20	41	2.0
Bromomethane	160	U	ug/Kg	79	160	2.0
Chloroethane	160	U	ug/Kg	31	160	2.0
Benzene	170		ug/Kg	7.1	41	2.0
Acrolein	3200	U	ug/Kg	1600	3200	2.0
1,1-Dichloroethene	81	U	ug/Kg	22	81	2.0
Carbon disulfide	160	U	ug/Kg	15	160	2.0
Acetone	320	U *	ug/Kg	100	320	2.0
Methylene Chloride	200		ug/Kg	48	160	2.0
trans-1,2-Dichloroethene	81	U	ug/Kg	16	81	2.0
Methyl tert-butyl ether	160	U	ug/Kg	19	160	2.0
1,1-Dichloroethane	81	U	ug/Kg	16	81	2.0
Vinyl acetate	160	U	ug/Kg	27	160	2.0
cis-1,2-Dichloroethene	81	U	ug/Kg	23	81	2.0
2-Butanone (MEK)	160	U	ug/Kg	90	160	2.0
Chloroform	81	U	ug/Kg	16	81	2.0
Carbon tetrachloride	81	U	ug/Kg	48	81	2.0
1,2-Dichloroethane	81	U	ug/Kg	20	81	2.0
Trichloroethene	41	U	ug/Kg	18	41	2.0
1,2-Dichloropropane	81	U	ug/Kg	21	81	2.0
Bromodichloromethane	160	U	ug/Kg	14	160	2.0
cis-1,3-Dichloropropene	81	U	ug/Kg	15	81	2.0
4-Methyl-2-pentanone (MIBK)	160	U	ug/Kg	100	160	2.0
Toluene	120		ug/Kg	9.7	41	2.0
trans-1,3-Dichloropropene	81	U	ug/Kg	30	81	2.0
1,1,2-Trichloroethane	81	U	ug/Kg	27	81	2.0
Tetrachloroethene	81	U	ug/Kg	32	81	2.0
Chlorobenzene	81	U	ug/Kg	19	81	2.0
Ethylbenzene	41	U	ug/Kg	14	41	2.0
Styrene	81	U	ug/Kg	26	81	2.0
Bromoform	160	U	ug/Kg	28	160	2.0
Xylenes, Total	350		ug/Kg	35	81	2.0
n-Butyl alcohol	16000	U	ug/Kg	6100	16000	2.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107	%	70 - 125
Toluene-d8 (Surr)	99	%	75 - 120
4-Bromofluorobenzene (Surr)	99	%	75 - 120

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Job Number: 500-5327-1

Client Sample ID: VPBH-25
Lab Sample ID: 500-5327-12

Date Sampled: 07/17/2007 0855
Date Received: 07/18/2007 0925
Client Matrix: Solid
Percent Solids: 82

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate					Acceptance Limits	
Dibromofluoromethane	103		%		75 - 120	
Method: 8270C			Date Analyzed:		07/27/2007 1949	
Prep Method: 3541			Date Prepared:		07/21/2007 1300	
Phenol	3200		ug/Kg	260	1000	5.0
Bis(2-chloroethyl)ether	1000	U	ug/Kg	270	1000	5.0
1,3-Dichlorobenzene	1000	U	ug/Kg	190	1000	5.0
1,4-Dichlorobenzene	1000	U	ug/Kg	230	1000	5.0
1,2-Dichlorobenzene	1000	U	ug/Kg	210	1000	5.0
Benzyl alcohol	2000	U	ug/Kg	960	2000	5.0
2-Methylphenol	410	J	ug/Kg	280	1000	5.0
2,2'-oxybis[1-chloropropane]	1000	U	ug/Kg	240	1000	5.0
N-Nitrosodi-n-propylamine	1000	U	ug/Kg	270	1000	5.0
Hexachloroethane	1000	U	ug/Kg	220	1000	5.0
4-Methylphenol	500	J	ug/Kg	350	1000	5.0
2-Chlorophenol	1000	U	ug/Kg	260	1000	5.0
Nitrobenzene	200	U	ug/Kg	52	200	5.0
Bis(2-chloroethoxy)methane	1000	U	ug/Kg	210	1000	5.0
1,2,4-Trichlorobenzene	1000	U	ug/Kg	230	1000	5.0
Benzoic acid	10000	U	ug/Kg	2300	10000	5.0
Isophorone	1000	U	ug/Kg	240	1000	5.0
2,4-Dimethylphenol	2000	U	ug/Kg	440	2000	5.0
Hexachlorobutadiene	1000	U	ug/Kg	210	1000	5.0
Naphthalene	3900		ug/Kg	39	200	5.0
2,4-Dichlorophenol	2000	U	ug/Kg	440	2000	5.0
4-Chloroaniline	4000	U	ug/Kg	970	4000	5.0
2,4,6-Trichlorophenol	2000	U	ug/Kg	430	2000	5.0
2,4,5-Trichlorophenol	2000	U	ug/Kg	590	2000	5.0
Hexachlorocyclopentadiene	4000	U *	ug/Kg	1100	4000	5.0
2-Methylnaphthalene	480	J	ug/Kg	240	1000	5.0
2-Nitroaniline	1000	U	ug/Kg	290	1000	5.0
2-Chloronaphthalene	1000	U	ug/Kg	220	1000	5.0
4-Chloro-3-methylphenol	2000	U	ug/Kg	590	2000	5.0
2,6-Dinitrotoluene	1000	U	ug/Kg	280	1000	5.0
2-Nitrophenol	2000	U	ug/Kg	550	2000	5.0
3-Nitroaniline	2000	U	ug/Kg	870	2000	5.0
Dimethyl phthalate	1000	U	ug/Kg	230	1000	5.0
2,4-Dinitrophenol	4000	U	ug/Kg	2900	4000	5.0
Acenaphthylene	200	U	ug/Kg	61	200	5.0
2,4-Dinitrotoluene	1000	U	ug/Kg	330	1000	5.0

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Job Number: 500-5327-1

Client Sample ID: VPBH-25
Lab Sample ID: 500-5327-12

Date Sampled: 07/17/2007 0855
Date Received: 07/18/2007 0925
Client Matrix: Solid
Percent Solids: 82

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Acenaphthene	86	J	ug/Kg	41	200	5.0
Dibenzofuran	200	J	ug/Kg	200	1000	5.0
4-Nitrophenol	4000	U	ug/Kg	690	4000	5.0
Fluorene	180	J	ug/Kg	44	200	5.0
4-Nitroaniline	2000	U	ug/Kg	400	2000	5.0
4-Bromophenyl phenyl ether	1000	U	ug/Kg	250	1000	5.0
Hexachlorobenzene	400	U	ug/Kg	43	400	5.0
Diethyl phthalate	1000	U	ug/Kg	260	1000	5.0
4-Chlorophenyl phenyl ether	1000	U	ug/Kg	230	1000	5.0
Pentachlorophenol	4000	U	ug/Kg	1400	4000	5.0
N-Nitrosodiphenylamine	1000	U	ug/Kg	230	1000	5.0
4,6-Dinitro-2-methylphenol	2000	U	ug/Kg	790	2000	5.0
Phenanthrene	610		ug/Kg	62	200	5.0
Anthracene	100	J	ug/Kg	69	200	5.0
Carbazole	1000	U	ug/Kg	250	1000	5.0
Di-n-butyl phthalate	1000	U	ug/Kg	260	1000	5.0
Benzidine	4000	U	ug/Kg	89	4000	5.0
Fluoranthene	240		ug/Kg	76	200	5.0
Pyrene	670		ug/Kg	47	200	5.0
Butyl benzyl phthalate	1000	U	ug/Kg	280	1000	5.0
Benzo[a]anthracene	960		ug/Kg	32	200	5.0
Chrysene	2600		ug/Kg	52	200	5.0
3,3'-Dichlorobenzidine	1000	U	ug/Kg	230	1000	5.0
Bis(2-ethylhexyl) phthalate	890	J	ug/Kg	280	1000	5.0
Di-n-octyl phthalate	1000	U	ug/Kg	260	1000	5.0
Benzo[b]fluoranthene	380		ug/Kg	59	200	5.0
Benzo[k]fluoranthene	330		ug/Kg	44	200	5.0
Benzo[a]pyrene	750		ug/Kg	47	200	5.0
Indeno[1,2,3-cd]pyrene	170	J	ug/Kg	110	200	5.0
Dibenz(a,h)anthracene	290		ug/Kg	110	200	5.0
Benzo[g,h,i]perylene	450		ug/Kg	34	200	5.0

Surrogate			Acceptance Limits
2-Fluorophenol	70	%	24 - 115
Phenol-d5	77	%	26 - 117
Nitrobenzene-d5	69	%	20 - 109
2-Fluorobiphenyl	90	%	31 - 107
2,4,6-Tribromophenol	80	%	24 - 134
Terphenyl-d14	113	%	45 - 123

Method: 6010B
Prep Method: 3050B

Date Analyzed: 07/21/2007 1541
Date Prepared: 07/19/2007 1730

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Job Number: 500-5327-1

Client Sample ID: VPBH-25
Lab Sample ID: 500-5327-12

Date Sampled: 07/17/2007 0855
Date Received: 07/18/2007 0925
Client Matrix: Solid
Percent Solids: 82

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Arsenic	4.1		mg/Kg	0.29	1.1	1.0
Barium	160		mg/Kg	0.48	1.1	1.0
Chromium	49	B	mg/Kg	0.12	1.1	1.0
Lead	27		mg/Kg	0.26	0.54	1.0
Selenium	0.88	J	mg/Kg	0.41	1.1	1.0
Silver	0.22	J B	mg/Kg	0.11	0.54	1.0
Method: 6010B			Date Analyzed:	07/30/2007 1244		
Prep Method: 3050B			Date Prepared:	07/19/2007 1730		
Cadmium	0.22	U	mg/Kg	0.065	0.22	1.0
Method: 7471A			Date Analyzed:	07/26/2007 1417		
Prep Method: 7471A			Date Prepared:	07/25/2007 1300		
Mercury	0.019	J	mg/Kg	0.0065	0.020	1.0
Method: PercentMoisture			Date Analyzed:	07/19/2007 0213		
Percent Moisture	18		%	0.10	0.10	1.0

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Job Number: 500-5327-1

Client Sample ID: VPBH-26
Lab Sample ID: 500-5327-13

Date Sampled: 07/17/2007 0925
Date Received: 07/18/2007 0925
Client Matrix: Solid
Percent Solids: 89

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	07/24/2007 1213		
Prep Method: 5035			Date Prepared:	07/17/2007 0925		
Benzene	4.5	J	ug/Kg	0.77	5.6	1.0
1,1,2,2-Tetrachloroethane	5.6	U	ug/Kg	0.79	5.6	1.0
Vinyl chloride	5.6	U	ug/Kg	0.87	5.6	1.0
Bromomethane	5.6	U	ug/Kg	3.5	5.6	1.0
Chloroethane	5.6	U	ug/Kg	3.5	5.6	1.0
Acrolein	220	U	ug/Kg	37	220	1.0
1,1-Dichloroethene	5.6	U	ug/Kg	1.5	5.6	1.0
Carbon disulfide	5.6	U	ug/Kg	1.1	5.6	1.0
Acetone	87		ug/Kg	4.8	5.6	1.0
Methylene Chloride	5.6	U	ug/Kg	1.8	5.6	1.0
trans-1,2-Dichloroethene	5.6	U	ug/Kg	0.86	5.6	1.0
Methyl tert-butyl ether	5.6	U	ug/Kg	0.62	5.6	1.0
1,1-Dichloroethane	5.6	U	ug/Kg	0.66	5.6	1.0
Vinyl acetate	5.6	U *	ug/Kg	0.88	5.6	1.0
cis-1,2-Dichloroethene	5.6	U	ug/Kg	0.63	5.6	1.0
2-Butanone (MEK)	5.7		ug/Kg	2.5	5.6	1.0
Chloroform	5.6	U	ug/Kg	0.76	5.6	1.0
Carbon tetrachloride	5.6	U	ug/Kg	0.82	5.6	1.0
1,2-Dichloroethane	5.6	U	ug/Kg	0.62	5.6	1.0
Trichloroethene	5.6	U	ug/Kg	0.74	5.6	1.0
1,2-Dichloropropane	5.6	U	ug/Kg	0.62	5.6	1.0
Bromodichloromethane	5.6	U	ug/Kg	0.64	5.6	1.0
cis-1,3-Dichloropropene	5.6	U	ug/Kg	0.65	5.6	1.0
4-Methyl-2-pentanone (MIBK)	5.6	U	ug/Kg	0.81	5.6	1.0
Toluene	5.6	U	ug/Kg	1.9	5.6	1.0
trans-1,3-Dichloropropene	5.6	U	ug/Kg	0.67	5.6	1.0
1,1,2-Trichloroethane	5.6	U	ug/Kg	0.92	5.6	1.0
Tetrachloroethene	5.6	U	ug/Kg	1.0	5.6	1.0
Chlorobenzene	5.6	U	ug/Kg	0.63	5.6	1.0
Ethylbenzene	5.6	U	ug/Kg	0.72	5.6	1.0
Styrene	5.6	U	ug/Kg	0.69	5.6	1.0
Bromoform	5.6	U	ug/Kg	0.83	5.6	1.0
Xylenes, Total	5.6	U	ug/Kg	2.0	5.6	1.0
n-Butyl alcohol	450	U	ug/Kg	310	450	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	115	%	74 - 143
Toluene-d8 (Surr)	101	%	75 - 130
4-Bromofluorobenzene (Surr)	82	%	75 - 120

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Job Number: 500-5327-1

Client Sample ID: VPBH-26
Lab Sample ID: 500-5327-13

Date Sampled: 07/17/2007 0925
Date Received: 07/18/2007 0925
Client Matrix: Solid
Percent Solids: 89

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate					Acceptance Limits	
Dibromofluoromethane	113		%		78 - 142	
Method: 8270C			Date Analyzed:		07/27/2007 2010	
Prep Method: 3541			Date Prepared:		07/21/2007 1300	
Phenol	1300	J	ug/Kg	480	1900	1.0
Bis(2-chloroethyl)ether	1900	U	ug/Kg	510	1900	1.0
1,3-Dichlorobenzene	1900	U	ug/Kg	360	1900	1.0
1,4-Dichlorobenzene	1900	U	ug/Kg	430	1900	1.0
1,2-Dichlorobenzene	1900	U	ug/Kg	390	1900	1.0
Benzyl alcohol	3700	U	ug/Kg	1800	3700	1.0
2-Methylphenol	1900	U	ug/Kg	520	1900	1.0
2,2'-oxybis[1-chloropropane]	1900	U	ug/Kg	450	1900	1.0
N-Nitrosodi-n-propylamine	1900	U	ug/Kg	490	1900	1.0
Hexachloroethane	1900	U	ug/Kg	410	1900	1.0
4-Methylphenol	1900	U	ug/Kg	650	1900	1.0
2-Chlorophenol	1900	U	ug/Kg	480	1900	1.0
Nitrobenzene	370	U	ug/Kg	97	370	1.0
Bis(2-chloroethoxy)methane	1900	U	ug/Kg	390	1900	1.0
1,2,4-Trichlorobenzene	1900	U	ug/Kg	420	1900	1.0
Benzoic acid	19000	U	ug/Kg	4200	19000	1.0
Isophorone	1900	U	ug/Kg	440	1900	1.0
2,4-Dimethylphenol	3700	U	ug/Kg	820	3700	1.0
Hexachlorobutadiene	1900	U	ug/Kg	400	1900	1.0
Naphthalene	1200		ug/Kg	72	370	1.0
2,4-Dichlorophenol	3700	U	ug/Kg	810	3700	1.0
4-Chloroaniline	7400	U	ug/Kg	1800	7400	1.0
2,4,6-Trichlorophenol	3700	U	ug/Kg	790	3700	1.0
2,4,5-Trichlorophenol	3700	U	ug/Kg	1100	3700	1.0
Hexachlorocyclopentadiene	7400	U *	ug/Kg	2000	7400	1.0
2-Methylnaphthalene	1900	U	ug/Kg	450	1900	1.0
2-Nitroaniline	1900	U	ug/Kg	530	1900	1.0
2-Chloronaphthalene	1900	U	ug/Kg	400	1900	1.0
4-Chloro-3-methylphenol	3700	U	ug/Kg	1100	3700	1.0
2,6-Dinitrotoluene	1900	U	ug/Kg	520	1900	1.0
2-Nitrophenol	3700	U	ug/Kg	1000	3700	1.0
3-Nitroaniline	3700	U	ug/Kg	1600	3700	1.0
Dimethyl phthalate	1900	U	ug/Kg	420	1900	1.0
2,4-Dinitrophenol	7400	U	ug/Kg	5300	7400	1.0
Acenaphthylene	370	U	ug/Kg	110	370	1.0
2,4-Dinitrotoluene	1900	U	ug/Kg	610	1900	1.0

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Job Number: 500-5327-1

Client Sample ID: VPBH-26
Lab Sample ID: 500-5327-13

Date Sampled: 07/17/2007 0925
Date Received: 07/18/2007 0925
Client Matrix: Solid
Percent Solids: 89

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Acenaphthene	370	U	ug/Kg	77	370	1.0
Dibenzofuran	1900	U	ug/Kg	370	1900	1.0
4-Nitrophenol	7400	U	ug/Kg	1300	7400	1.0
Fluorene	370	U	ug/Kg	81	370	1.0
4-Nitroaniline	3700	U	ug/Kg	740	3700	1.0
4-Bromophenyl phenyl ether	1900	U	ug/Kg	460	1900	1.0
Hexachlorobenzene	740	U	ug/Kg	80	740	1.0
Diethyl phthalate	1900	U	ug/Kg	480	1900	1.0
4-Chlorophenyl phenyl ether	1900	U	ug/Kg	420	1900	1.0
Pentachlorophenol	7400	U	ug/Kg	2600	7400	1.0
N-Nitrosodiphenylamine	1900	U	ug/Kg	420	1900	1.0
4,6-Dinitro-2-methylphenol	3700	U	ug/Kg	1500	3700	1.0
Phenanthrene	430		ug/Kg	120	370	1.0
Anthracene	370	U	ug/Kg	130	370	1.0
Carbazole	1900	U	ug/Kg	470	1900	1.0
Di-n-butyl phthalate	1900	U	ug/Kg	480	1900	1.0
Benzidine	7400	U	ug/Kg	170	7400	1.0
Fluoranthene	280	J	ug/Kg	140	370	1.0
Pyrene	590		ug/Kg	87	370	1.0
Butyl benzyl phthalate	1900	U	ug/Kg	520	1900	1.0
Benzo[a]anthracene	620		ug/Kg	59	370	1.0
Chrysene	1800		ug/Kg	96	370	1.0
3,3'-Dichlorobenzidine	1900	U	ug/Kg	430	1900	1.0
Bis(2-ethylhexyl) phthalate	580	J	ug/Kg	510	1900	1.0
Di-n-octyl phthalate	1900	U	ug/Kg	480	1900	1.0
Benzo[b]fluoranthene	320	J	ug/Kg	110	370	1.0
Benzo[k]fluoranthene	290	J	ug/Kg	81	370	1.0
Benzo[a]pyrene	480		ug/Kg	88	370	1.0
Indeno[1,2,3-cd]pyrene	370	U	ug/Kg	200	370	1.0
Dibenz(a,h)anthracene	370	U	ug/Kg	200	370	1.0
Benzo[g,h,i]perylene	330	J	ug/Kg	62	370	1.0

Surrogate			Acceptance Limits
2-Fluorophenol	56	%	24 - 115
Phenol-d5	52	%	26 - 117
Nitrobenzene-d5	50	%	20 - 109
2-Fluorobiphenyl	73	%	31 - 107
2,4,6-Tribromophenol	69	%	24 - 134
Terphenyl-d14	101	%	45 - 123

Method: 6010B
Prep Method: 3050B

Date Analyzed: 07/21/2007 1546
Date Prepared: 07/19/2007 1730

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Job Number: 500-5327-1

Client Sample ID: VPBH-26
Lab Sample ID: 500-5327-13

Date Sampled: 07/17/2007 0925
Date Received: 07/18/2007 0925
Client Matrix: Solid
Percent Solids: 89

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Arsenic	3.6		mg/Kg	0.29	1.1	1.0
Barium	29		mg/Kg	0.47	1.1	1.0
Cadmium	0.21	U	mg/Kg	0.064	0.21	1.0
Chromium	7.2	B	mg/Kg	0.12	1.1	1.0
Lead	26		mg/Kg	0.26	0.53	1.0
Selenium	1.1	U	mg/Kg	0.40	1.1	1.0
Silver	0.53	U	mg/Kg	0.11	0.53	1.0
Method: 7471A			Date Analyzed:	07/26/2007 1419		
Prep Method: 7471A			Date Prepared:	07/25/2007 1300		
Mercury	0.033		mg/Kg	0.0059	0.019	1.0
Method: PercentMoisture			Date Analyzed:	07/19/2007 0213		
Percent Moisture	11		%	0.10	0.10	1.0

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Job Number: 500-5327-1

Client Sample ID: VPBH-27
Lab Sample ID: 500-5327-14

Date Sampled: 07/17/2007 1135
Date Received: 07/18/2007 0925
Client Matrix: Solid
Percent Solids: 91

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	07/24/2007 1057		
Prep Method: 5035			Date Prepared:	07/17/2007 1135		
Benzene	4.0	U	ug/Kg	0.55	4.0	1.0
1,1,2,2-Tetrachloroethane	4.0	U	ug/Kg	0.57	4.0	1.0
Vinyl chloride	4.0	U	ug/Kg	0.63	4.0	1.0
Bromomethane	4.0	U	ug/Kg	2.5	4.0	1.0
Chloroethane	4.0	U	ug/Kg	2.5	4.0	1.0
Acrolein	160	U	ug/Kg	27	160	1.0
1,1-Dichloroethene	4.0	U	ug/Kg	1.0	4.0	1.0
Carbon disulfide	4.0	U	ug/Kg	0.80	4.0	1.0
Acetone	20		ug/Kg	3.5	4.0	1.0
Methylene Chloride	4.0	U	ug/Kg	1.3	4.0	1.0
trans-1,2-Dichloroethene	4.0	U	ug/Kg	0.62	4.0	1.0
Methyl tert-butyl ether	4.0	U	ug/Kg	0.44	4.0	1.0
1,1-Dichloroethane	4.0	U	ug/Kg	0.47	4.0	1.0
Vinyl acetate	4.0	U *	ug/Kg	0.63	4.0	1.0
cis-1,2-Dichloroethene	4.0	U	ug/Kg	0.45	4.0	1.0
2-Butanone (MEK)	4.0	U	ug/Kg	1.8	4.0	1.0
Chloroform	4.0	U	ug/Kg	0.55	4.0	1.0
Carbon tetrachloride	4.0	U	ug/Kg	0.59	4.0	1.0
1,2-Dichloroethane	4.0	U	ug/Kg	0.44	4.0	1.0
Trichloroethene	4.0	U	ug/Kg	0.53	4.0	1.0
1,2-Dichloropropane	4.0	U	ug/Kg	0.44	4.0	1.0
Bromodichloromethane	4.0	U	ug/Kg	0.46	4.0	1.0
cis-1,3-Dichloropropene	4.0	U	ug/Kg	0.47	4.0	1.0
4-Methyl-2-pentanone (MIBK)	4.0	U	ug/Kg	0.58	4.0	1.0
Toluene	4.0	U	ug/Kg	1.4	4.0	1.0
trans-1,3-Dichloropropene	4.0	U	ug/Kg	0.48	4.0	1.0
1,1,2-Trichloroethane	4.0	U	ug/Kg	0.66	4.0	1.0
Tetrachloroethene	4.0	U	ug/Kg	0.72	4.0	1.0
Chlorobenzene	4.0	U	ug/Kg	0.45	4.0	1.0
Ethylbenzene	4.0	U	ug/Kg	0.51	4.0	1.0
Styrene	4.0	U	ug/Kg	0.50	4.0	1.0
Bromoform	4.0	U	ug/Kg	0.59	4.0	1.0
Xylenes, Total	4.0	U	ug/Kg	1.4	4.0	1.0
n-Butyl alcohol	320	U	ug/Kg	230	320	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	112	%	74 - 143
Toluene-d8 (Surr)	100	%	75 - 130
4-Bromofluorobenzene (Surr)	94	%	75 - 120

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Job Number: 500-5327-1

Client Sample ID: VPBH-27
Lab Sample ID: 500-5327-14

Date Sampled: 07/17/2007 1135
Date Received: 07/18/2007 0925
Client Matrix: Solid
Percent Solids: 91

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate					Acceptance Limits	
Dibromofluoromethane	108		%		78 - 142	
Method: 8270C			Date Analyzed:		07/27/2007 1529	
Prep Method: 3541			Date Prepared:		07/21/2007 1300	
Phenol	180	U	ug/Kg	47	180	1.0
Bis(2-chloroethyl)ether	180	U	ug/Kg	50	180	1.0
1,3-Dichlorobenzene	180	U	ug/Kg	35	180	1.0
1,4-Dichlorobenzene	180	U	ug/Kg	42	180	1.0
1,2-Dichlorobenzene	180	U	ug/Kg	38	180	1.0
Benzyl alcohol	360	U	ug/Kg	170	360	1.0
2-Methylphenol	180	U	ug/Kg	51	180	1.0
2,2'-oxybis[1-chloropropane]	180	U	ug/Kg	44	180	1.0
N-Nitrosodi-n-propylamine	180	U	ug/Kg	49	180	1.0
Hexachloroethane	180	U	ug/Kg	40	180	1.0
4-Methylphenol	180	U	ug/Kg	64	180	1.0
2-Chlorophenol	180	U	ug/Kg	47	180	1.0
Nitrobenzene	36	U	ug/Kg	9.5	36	1.0
Bis(2-chloroethoxy)methane	180	U	ug/Kg	39	180	1.0
1,2,4-Trichlorobenzene	180	U	ug/Kg	42	180	1.0
Benzoic acid	1800	U	ug/Kg	420	1800	1.0
Isophorone	180	U	ug/Kg	43	180	1.0
2,4-Dimethylphenol	360	U	ug/Kg	80	360	1.0
Hexachlorobutadiene	180	U	ug/Kg	39	180	1.0
Naphthalene	36	U	ug/Kg	7.1	36	1.0
2,4-Dichlorophenol	360	U	ug/Kg	80	360	1.0
4-Chloroaniline	730	U	ug/Kg	180	730	1.0
2,4,6-Trichlorophenol	360	U	ug/Kg	78	360	1.0
2,4,5-Trichlorophenol	360	U	ug/Kg	110	360	1.0
Hexachlorocyclopentadiene	730	U *	ug/Kg	190	730	1.0
2-Methylnaphthalene	180	U	ug/Kg	44	180	1.0
2-Nitroaniline	180	U	ug/Kg	53	180	1.0
2-Chloronaphthalene	180	U	ug/Kg	40	180	1.0
4-Chloro-3-methylphenol	360	U	ug/Kg	110	360	1.0
2,6-Dinitrotoluene	180	U	ug/Kg	51	180	1.0
2-Nitrophenol	360	U	ug/Kg	100	360	1.0
3-Nitroaniline	360	U	ug/Kg	160	360	1.0
Dimethyl phthalate	180	U	ug/Kg	41	180	1.0
2,4-Dinitrophenol	730	U	ug/Kg	520	730	1.0
Acenaphthylene	36	U	ug/Kg	11	36	1.0
2,4-Dinitrotoluene	180	U	ug/Kg	60	180	1.0

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Job Number: 500-5327-1

Client Sample ID: VPBH-27
Lab Sample ID: 500-5327-14

Date Sampled: 07/17/2007 1135
Date Received: 07/18/2007 0925
Client Matrix: Solid
Percent Solids: 91

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Acenaphthene	36	U	ug/Kg	7.5	36	1.0
Dibenzofuran	180	U	ug/Kg	36	180	1.0
4-Nitrophenol	730	U	ug/Kg	130	730	1.0
Fluorene	36	U	ug/Kg	8.0	36	1.0
4-Nitroaniline	360	U	ug/Kg	73	360	1.0
4-Bromophenyl phenyl ether	180	U	ug/Kg	45	180	1.0
Hexachlorobenzene	73	U	ug/Kg	7.9	73	1.0
Diethyl phthalate	180	U	ug/Kg	47	180	1.0
4-Chlorophenyl phenyl ether	180	U	ug/Kg	42	180	1.0
Pentachlorophenol	730	U	ug/Kg	250	730	1.0
N-Nitrosodiphenylamine	180	U	ug/Kg	42	180	1.0
4,6-Dinitro-2-methylphenol	360	U	ug/Kg	140	360	1.0
Phenanthrene	36	U	ug/Kg	11	36	1.0
Anthracene	36	U	ug/Kg	13	36	1.0
Carbazole	180	U	ug/Kg	46	180	1.0
Di-n-butyl phthalate	180	U	ug/Kg	47	180	1.0
Benzidine	730	U	ug/Kg	16	730	1.0
Fluoranthene	36	U	ug/Kg	14	36	1.0
Pyrene	36	U	ug/Kg	8.5	36	1.0
Butyl benzyl phthalate	180	U	ug/Kg	51	180	1.0
Benzo[a]anthracene	36	U	ug/Kg	5.8	36	1.0
Chrysene	36	U	ug/Kg	9.4	36	1.0
3,3'-Dichlorobenzidine	180	U	ug/Kg	42	180	1.0
Bis(2-ethylhexyl) phthalate	180	U	ug/Kg	50	180	1.0
Di-n-octyl phthalate	180	U	ug/Kg	47	180	1.0
Benzo[b]fluoranthene	36	U	ug/Kg	11	36	1.0
Benzo[k]fluoranthene	36	U	ug/Kg	8.0	36	1.0
Benzo[a]pyrene	36	U	ug/Kg	8.6	36	1.0
Indeno[1,2,3-cd]pyrene	36	U	ug/Kg	20	36	1.0
Dibenz(a,h)anthracene	36	U	ug/Kg	19	36	1.0
Benzo[g,h,i]perylene	36	U	ug/Kg	6.1	36	1.0

Surrogate			Acceptance Limits
2-Fluorophenol	76	%	24 - 115
Phenol-d5	85	%	26 - 117
Nitrobenzene-d5	82	%	20 - 109
2-Fluorobiphenyl	80	%	31 - 107
2,4,6-Tribromophenol	78	%	24 - 134
Terphenyl-d14	99	%	45 - 123

Method: 6010B
Prep Method: 3050B

Date Analyzed: 07/21/2007 1550
Date Prepared: 07/19/2007 1730

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Job Number: 500-5327-1

Client Sample ID: VPBH-27
Lab Sample ID: 500-5327-14

Date Sampled: 07/17/2007 1135
Date Received: 07/18/2007 0925
Client Matrix: Solid
Percent Solids: 91

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Arsenic	1.1	U	mg/Kg	0.29	1.1	1.0
Barium	8.2		mg/Kg	0.47	1.1	1.0
Cadmium	0.21	U	mg/Kg	0.064	0.21	1.0
Chromium	5.5	B	mg/Kg	0.12	1.1	1.0
Lead	8.5		mg/Kg	0.26	0.54	1.0
Selenium	1.1	U	mg/Kg	0.41	1.1	1.0
Silver	0.54	U	mg/Kg	0.11	0.54	1.0
Method: 7471A			Date Analyzed:	07/26/2007 1421		
Prep Method: 7471A			Date Prepared:	07/25/2007 1300		
Mercury	0.034		mg/Kg	0.0058	0.018	1.0
Method: PercentMoisture			Date Analyzed:	07/19/2007 0213		
Percent Moisture	9.3		%	0.10	0.10	1.0

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Job Number: 500-5327-1

Client Sample ID: VPBH-28
Lab Sample ID: 500-5327-15

Date Sampled: 07/17/2007 1225
Date Received: 07/18/2007 0925
Client Matrix: Solid
Percent Solids: 84

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	07/24/2007 1238		
Prep Method: 5035			Date Prepared:	07/17/2007 1225		
Benzene	4.8	U	ug/Kg	0.66	4.8	1.0
1,1,2,2-Tetrachloroethane	4.8	U	ug/Kg	0.68	4.8	1.0
Vinyl chloride	4.8	U	ug/Kg	0.75	4.8	1.0
Bromomethane	4.8	U	ug/Kg	3.0	4.8	1.0
Chloroethane	4.8	U	ug/Kg	3.0	4.8	1.0
Acrolein	190	U	ug/Kg	32	190	1.0
1,1-Dichloroethene	4.8	U	ug/Kg	1.2	4.8	1.0
Carbon disulfide	4.8	U	ug/Kg	0.96	4.8	1.0
Acetone	26		ug/Kg	4.1	4.8	1.0
Methylene Chloride	4.8	U	ug/Kg	1.5	4.8	1.0
trans-1,2-Dichloroethene	4.8	U	ug/Kg	0.74	4.8	1.0
Methyl tert-butyl ether	4.8	U	ug/Kg	0.53	4.8	1.0
1,1-Dichloroethane	4.8	U	ug/Kg	0.57	4.8	1.0
Vinyl acetate	4.8	U *	ug/Kg	0.76	4.8	1.0
cis-1,2-Dichloroethene	4.8	U	ug/Kg	0.54	4.8	1.0
2-Butanone (MEK)	4.8	U	ug/Kg	2.1	4.8	1.0
Chloroform	4.8	U	ug/Kg	0.65	4.8	1.0
Carbon tetrachloride	4.8	U	ug/Kg	0.70	4.8	1.0
1,2-Dichloroethane	4.8	U	ug/Kg	0.53	4.8	1.0
Trichloroethene	4.8	U	ug/Kg	0.63	4.8	1.0
1,2-Dichloropropane	4.8	U	ug/Kg	0.53	4.8	1.0
Bromodichloromethane	4.8	U	ug/Kg	0.55	4.8	1.0
cis-1,3-Dichloropropene	4.8	U	ug/Kg	0.56	4.8	1.0
4-Methyl-2-pentanone (MIBK)	4.8	U	ug/Kg	0.69	4.8	1.0
Toluene	4.8	U	ug/Kg	1.6	4.8	1.0
trans-1,3-Dichloropropene	4.8	U	ug/Kg	0.58	4.8	1.0
1,1,2-Trichloroethane	4.8	U	ug/Kg	0.79	4.8	1.0
Tetrachloroethene	4.8	U	ug/Kg	0.86	4.8	1.0
Chlorobenzene	4.8	U	ug/Kg	0.54	4.8	1.0
Ethylbenzene	4.8	U	ug/Kg	0.61	4.8	1.0
Styrene	4.8	U	ug/Kg	0.59	4.8	1.0
Bromoform	4.8	U	ug/Kg	0.71	4.8	1.0
Xylenes, Total	4.8	U	ug/Kg	1.7	4.8	1.0
n-Butyl alcohol	380	U	ug/Kg	270	380	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	108	%	74 - 143
Toluene-d8 (Surr)	99	%	75 - 130
4-Bromofluorobenzene (Surr)	92	%	75 - 120

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Job Number: 500-5327-1

Client Sample ID: VPBH-28
Lab Sample ID: 500-5327-15

Date Sampled: 07/17/2007 1225
Date Received: 07/18/2007 0925
Client Matrix: Solid
Percent Solids: 84

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate					Acceptance Limits	
Dibromofluoromethane	105		%		78 - 142	
Method: 8270C			Date Analyzed:		07/30/2007 2021	
Prep Method: 3541			Date Prepared:		07/21/2007 1300	
Phenol	190	U	ug/Kg	50	190	1.0
Bis(2-chloroethyl)ether	190	U	ug/Kg	53	190	1.0
1,3-Dichlorobenzene	190	U	ug/Kg	38	190	1.0
1,4-Dichlorobenzene	190	U	ug/Kg	45	190	1.0
1,2-Dichlorobenzene	190	U	ug/Kg	40	190	1.0
Benzyl alcohol	380	U	ug/Kg	190	380	1.0
2-Methylphenol	190	U	ug/Kg	54	190	1.0
2,2'-oxybis[1-chloropropane]	190	U	ug/Kg	46	190	1.0
N-Nitrosodi-n-propylamine	190	U	ug/Kg	51	190	1.0
Hexachloroethane	190	U	ug/Kg	43	190	1.0
4-Methylphenol	190	U	ug/Kg	68	190	1.0
2-Chlorophenol	190	U	ug/Kg	50	190	1.0
Nitrobenzene	38	U	ug/Kg	10	38	1.0
Bis(2-chloroethoxy)methane	190	U	ug/Kg	41	190	1.0
1,2,4-Trichlorobenzene	190	U	ug/Kg	44	190	1.0
Benzoic acid	1900	U	ug/Kg	440	1900	1.0
Isophorone	190	U	ug/Kg	46	190	1.0
2,4-Dimethylphenol	380	U	ug/Kg	85	380	1.0
Hexachlorobutadiene	190	U	ug/Kg	41	190	1.0
Naphthalene	38	U	ug/Kg	7.5	38	1.0
2,4-Dichlorophenol	380	U	ug/Kg	85	380	1.0
4-Chloroaniline	780	U	ug/Kg	190	780	1.0
2,4,6-Trichlorophenol	380	U	ug/Kg	82	380	1.0
2,4,5-Trichlorophenol	380	U	ug/Kg	110	380	1.0
Hexachlorocyclopentadiene	780	U *	ug/Kg	210	780	1.0
2-Methylnaphthalene	190	U	ug/Kg	47	190	1.0
2-Nitroaniline	190	U	ug/Kg	56	190	1.0
2-Chloronaphthalene	190	U	ug/Kg	42	190	1.0
4-Chloro-3-methylphenol	380	U	ug/Kg	110	380	1.0
2,6-Dinitrotoluene	190	U	ug/Kg	54	190	1.0
2-Nitrophenol	380	U	ug/Kg	110	380	1.0
3-Nitroaniline	380	U	ug/Kg	170	380	1.0
Dimethyl phthalate	190	U	ug/Kg	43	190	1.0
2,4-Dinitrophenol	780	U	ug/Kg	550	780	1.0
Acenaphthylene	38	U	ug/Kg	12	38	1.0
2,4-Dinitrotoluene	190	U	ug/Kg	63	190	1.0

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Job Number: 500-5327-1

Client Sample ID: VPBH-28
Lab Sample ID: 500-5327-15

Date Sampled: 07/17/2007 1225
Date Received: 07/18/2007 0925
Client Matrix: Solid
Percent Solids: 84

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Acenaphthene	38	U	ug/Kg	8.0	38	1.0
Dibenzofuran	190	U	ug/Kg	38	190	1.0
4-Nitrophenol	780	U	ug/Kg	130	780	1.0
Fluorene	38	U	ug/Kg	8.5	38	1.0
4-Nitroaniline	380	U	ug/Kg	77	380	1.0
4-Bromophenyl phenyl ether	190	U	ug/Kg	48	190	1.0
Hexachlorobenzene	78	U	ug/Kg	8.3	78	1.0
Diethyl phthalate	190	U	ug/Kg	50	190	1.0
4-Chlorophenyl phenyl ether	190	U	ug/Kg	44	190	1.0
Pentachlorophenol	780	U	ug/Kg	270	780	1.0
N-Nitrosodiphenylamine	190	U	ug/Kg	44	190	1.0
4,6-Dinitro-2-methylphenol	380	U	ug/Kg	150	380	1.0
Phenanthrene	38	U	ug/Kg	12	38	1.0
Anthracene	38	U	ug/Kg	13	38	1.0
Carbazole	190	U	ug/Kg	49	190	1.0
Di-n-butyl phthalate	190	U	ug/Kg	50	190	1.0
Benzidine	780	U	ug/Kg	17	780	1.0
Fluoranthene	38	U	ug/Kg	15	38	1.0
Pyrene	38	U	ug/Kg	9.0	38	1.0
Butyl benzyl phthalate	190	U	ug/Kg	54	190	1.0
Benzo[a]anthracene	38	U	ug/Kg	6.1	38	1.0
Chrysene	38	U	ug/Kg	10	38	1.0
3,3'-Dichlorobenzidine	190	U	ug/Kg	45	190	1.0
Bis(2-ethylhexyl) phthalate	190	U	ug/Kg	53	190	1.0
Di-n-octyl phthalate	190	U	ug/Kg	50	190	1.0
Benzo[b]fluoranthene	38	U	ug/Kg	11	38	1.0
Benzo[k]fluoranthene	38	U	ug/Kg	8.5	38	1.0
Benzo[a]pyrene	38	U	ug/Kg	9.2	38	1.0
Indeno[1,2,3-cd]pyrene	38	U	ug/Kg	21	38	1.0
Dibenz(a,h)anthracene	38	U	ug/Kg	21	38	1.0
Benzo[g,h,i]perylene	38	U	ug/Kg	6.5	38	1.0

Surrogate			Acceptance Limits
2-Fluorophenol	50	%	24 - 115
Phenol-d5	63	%	26 - 117
Nitrobenzene-d5	46	%	20 - 109
2-Fluorobiphenyl	65	%	31 - 107
2,4,6-Tribromophenol	75	%	24 - 134
Terphenyl-d14	105	%	45 - 123

Method: 6010B
Prep Method: 3050B

Date Analyzed: 07/21/2007 1636
Date Prepared: 07/19/2007 1730

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Job Number: 500-5327-1

Client Sample ID: VPBH-28
Lab Sample ID: 500-5327-15

Date Sampled: 07/17/2007 1225
Date Received: 07/18/2007 0925
Client Matrix: Solid
Percent Solids: 84

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Arsenic	9.2		mg/Kg	0.28	1.0	1.0
Barium	24		mg/Kg	0.46	1.0	1.0
Cadmium	0.21	U	mg/Kg	0.062	0.21	1.0
Chromium	11	B	mg/Kg	0.11	1.0	1.0
Lead	22		mg/Kg	0.25	0.52	1.0
Selenium	0.83	J	mg/Kg	0.39	1.0	1.0
Silver	0.52	U	mg/Kg	0.10	0.52	1.0
Method: 7471A			Date Analyzed:	07/26/2007 1434		
Prep Method: 7471A			Date Prepared:	07/25/2007 1300		
Mercury	0.032		mg/Kg	0.0063	0.020	1.0
Method: PercentMoisture			Date Analyzed:	07/19/2007 0213		
Percent Moisture	16		%	0.10	0.10	1.0

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Job Number: 500-5327-1

Client Sample ID: VPBH-29
Lab Sample ID: 500-5327-16

Date Sampled: 07/17/2007 1305
Date Received: 07/18/2007 0925
Client Matrix: Solid
Percent Solids: 85

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	07/24/2007 1303		
Prep Method: 5035			Date Prepared:	07/17/2007 1305		
Benzene	6.3	U	ug/Kg	0.87	6.3	1.0
1,1,2,2-Tetrachloroethane	6.3	U	ug/Kg	0.89	6.3	1.0
Vinyl chloride	6.3	U	ug/Kg	0.98	6.3	1.0
Bromomethane	6.3	U	ug/Kg	3.9	6.3	1.0
Chloroethane	6.3	U	ug/Kg	3.9	6.3	1.0
Acrolein	250	U	ug/Kg	41	250	1.0
1,1-Dichloroethene	6.3	U	ug/Kg	1.6	6.3	1.0
Carbon disulfide	6.3	U	ug/Kg	1.3	6.3	1.0
Acetone	71		ug/Kg	5.4	6.3	1.0
Methylene Chloride	6.3	U	ug/Kg	2.0	6.3	1.0
trans-1,2-Dichloroethene	6.3	U	ug/Kg	0.97	6.3	1.0
Methyl tert-butyl ether	6.3	U	ug/Kg	0.69	6.3	1.0
1,1-Dichloroethane	6.3	U	ug/Kg	0.74	6.3	1.0
Vinyl acetate	6.3	U *	ug/Kg	0.99	6.3	1.0
cis-1,2-Dichloroethene	6.3	U	ug/Kg	0.70	6.3	1.0
2-Butanone (MEK)	10		ug/Kg	2.8	6.3	1.0
Chloroform	6.3	U	ug/Kg	0.85	6.3	1.0
Carbon tetrachloride	6.3	U	ug/Kg	0.92	6.3	1.0
1,2-Dichloroethane	6.3	U	ug/Kg	0.69	6.3	1.0
Trichloroethene	6.3	U	ug/Kg	0.83	6.3	1.0
1,2-Dichloropropane	6.3	U	ug/Kg	0.69	6.3	1.0
Bromodichloromethane	6.3	U	ug/Kg	0.72	6.3	1.0
cis-1,3-Dichloropropene	6.3	U	ug/Kg	0.73	6.3	1.0
4-Methyl-2-pentanone (MIBK)	6.3	U	ug/Kg	0.90	6.3	1.0
Toluene	4.2	J	ug/Kg	2.1	6.3	1.0
trans-1,3-Dichloropropene	6.3	U	ug/Kg	0.75	6.3	1.0
1,1,2-Trichloroethane	6.3	U	ug/Kg	1.0	6.3	1.0
Tetrachloroethene	6.3	U	ug/Kg	1.1	6.3	1.0
Chlorobenzene	6.3	U	ug/Kg	0.70	6.3	1.0
Ethylbenzene	6.3	U	ug/Kg	0.80	6.3	1.0
Styrene	6.3	U	ug/Kg	0.78	6.3	1.0
Bromoform	6.3	U	ug/Kg	0.93	6.3	1.0
Xylenes, Total	6.3	U	ug/Kg	2.3	6.3	1.0
n-Butyl alcohol	500	U	ug/Kg	350	500	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	115	%	74 - 143
Toluene-d8 (Surr)	103	%	75 - 130
4-Bromofluorobenzene (Surr)	84	%	75 - 120

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Job Number: 500-5327-1

Client Sample ID: VPBH-29
Lab Sample ID: 500-5327-16

Date Sampled: 07/17/2007 1305
Date Received: 07/18/2007 0925
Client Matrix: Solid
Percent Solids: 85

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate					Acceptance Limits	
Dibromofluoromethane	114		%		78 - 142	
Method: 8270C			Date Analyzed:		07/27/2007 1656	
Prep Method: 3541			Date Prepared:		07/21/2007 1300	
Phenol	190	U	ug/Kg	50	190	1.0
Bis(2-chloroethyl)ether	190	U	ug/Kg	53	190	1.0
1,3-Dichlorobenzene	190	U	ug/Kg	38	190	1.0
1,4-Dichlorobenzene	190	U	ug/Kg	45	190	1.0
1,2-Dichlorobenzene	190	U	ug/Kg	41	190	1.0
Benzyl alcohol	380	U	ug/Kg	190	380	1.0
2-Methylphenol	190	U	ug/Kg	54	190	1.0
2,2'-oxybis[1-chloropropane]	190	U	ug/Kg	47	190	1.0
N-Nitrosodi-n-propylamine	190	U	ug/Kg	52	190	1.0
Hexachloroethane	190	U	ug/Kg	43	190	1.0
4-Methylphenol	190	U	ug/Kg	68	190	1.0
2-Chlorophenol	190	U	ug/Kg	50	190	1.0
Nitrobenzene	38	U	ug/Kg	10	38	1.0
Bis(2-chloroethoxy)methane	190	U	ug/Kg	41	190	1.0
1,2,4-Trichlorobenzene	190	U	ug/Kg	44	190	1.0
Benzoic acid	1900	U	ug/Kg	440	1900	1.0
Isophorone	190	U	ug/Kg	46	190	1.0
2,4-Dimethylphenol	380	U	ug/Kg	85	380	1.0
Hexachlorobutadiene	190	U	ug/Kg	41	190	1.0
Naphthalene	60		ug/Kg	7.5	38	1.0
2,4-Dichlorophenol	380	U	ug/Kg	85	380	1.0
4-Chloroaniline	780	U	ug/Kg	190	780	1.0
2,4,6-Trichlorophenol	380	U	ug/Kg	82	380	1.0
2,4,5-Trichlorophenol	380	U	ug/Kg	110	380	1.0
Hexachlorocyclopentadiene	780	U *	ug/Kg	210	780	1.0
2-Methylnaphthalene	190	U	ug/Kg	47	190	1.0
2-Nitroaniline	190	U	ug/Kg	56	190	1.0
2-Chloronaphthalene	190	U	ug/Kg	42	190	1.0
4-Chloro-3-methylphenol	380	U	ug/Kg	110	380	1.0
2,6-Dinitrotoluene	190	U	ug/Kg	54	190	1.0
2-Nitrophenol	380	U	ug/Kg	110	380	1.0
3-Nitroaniline	380	U	ug/Kg	170	380	1.0
Dimethyl phthalate	190	U	ug/Kg	44	190	1.0
2,4-Dinitrophenol	780	U	ug/Kg	550	780	1.0
Acenaphthylene	21	J	ug/Kg	12	38	1.0
2,4-Dinitrotoluene	190	U	ug/Kg	63	190	1.0

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Job Number: 500-5327-1

Client Sample ID: VPBH-29
Lab Sample ID: 500-5327-16

Date Sampled: 07/17/2007 1305
Date Received: 07/18/2007 0925
Client Matrix: Solid
Percent Solids: 85

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Acenaphthene	28	J	ug/Kg	8.0	38	1.0
Dibenzofuran	190	U	ug/Kg	39	190	1.0
4-Nitrophenol	780	U	ug/Kg	130	780	1.0
Fluorene	40		ug/Kg	8.5	38	1.0
4-Nitroaniline	380	U	ug/Kg	77	380	1.0
4-Bromophenyl phenyl ether	190	U	ug/Kg	48	190	1.0
Hexachlorobenzene	78	U	ug/Kg	8.4	78	1.0
Diethyl phthalate	190	U	ug/Kg	50	190	1.0
4-Chlorophenyl phenyl ether	190	U	ug/Kg	44	190	1.0
Pentachlorophenol	780	U	ug/Kg	270	780	1.0
N-Nitrosodiphenylamine	190	U	ug/Kg	44	190	1.0
4,6-Dinitro-2-methylphenol	380	U	ug/Kg	150	380	1.0
Phenanthrene	330		ug/Kg	12	38	1.0
Anthracene	61		ug/Kg	13	38	1.0
Carbazole	190	U	ug/Kg	49	190	1.0
Di-n-butyl phthalate	190	U	ug/Kg	50	190	1.0
Benzidine	780	U	ug/Kg	17	780	1.0
Fluoranthene	670		ug/Kg	15	38	1.0
Pyrene	650		ug/Kg	9.1	38	1.0
Butyl benzyl phthalate	190	U	ug/Kg	54	190	1.0
Benzo[a]anthracene	500		ug/Kg	6.2	38	1.0
Chrysene	690		ug/Kg	10	38	1.0
3,3'-Dichlorobenzidine	190	U	ug/Kg	45	190	1.0
Bis(2-ethylhexyl) phthalate	190	U	ug/Kg	54	190	1.0
Di-n-octyl phthalate	190	U	ug/Kg	50	190	1.0
Benzo[b]fluoranthene	620		ug/Kg	11	38	1.0
Benzo[k]fluoranthene	330		ug/Kg	8.5	38	1.0
Benzo[a]pyrene	300		ug/Kg	9.2	38	1.0
Indeno[1,2,3-cd]pyrene	180		ug/Kg	21	38	1.0
Dibenz(a,h)anthracene	88		ug/Kg	21	38	1.0
Benzo[g,h,i]perylene	210		ug/Kg	6.5	38	1.0

Surrogate			Acceptance Limits
2-Fluorophenol	74	%	24 - 115
Phenol-d5	78	%	26 - 117
Nitrobenzene-d5	72	%	20 - 109
2-Fluorobiphenyl	78	%	31 - 107
2,4,6-Tribromophenol	87	%	24 - 134
Terphenyl-d14	94	%	45 - 123

Method: 6010B
Prep Method: 3050B

Date Analyzed: 07/21/2007 1641
Date Prepared: 07/19/2007 1730

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Job Number: 500-5327-1

Client Sample ID: VPBH-29
Lab Sample ID: 500-5327-16

Date Sampled: 07/17/2007 1305
Date Received: 07/18/2007 0925
Client Matrix: Solid
Percent Solids: 85

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Arsenic	12		mg/Kg	0.29	1.1	1.0
Barium	59		mg/Kg	0.48	1.1	1.0
Chromium	14	B	mg/Kg	0.12	1.1	1.0
Lead	29		mg/Kg	0.26	0.54	1.0
Selenium	1.4		mg/Kg	0.41	1.1	1.0
Silver	0.21	J B	mg/Kg	0.11	0.54	1.0
Method: 6010B			Date Analyzed:	07/30/2007 1250		
Prep Method: 3050B			Date Prepared:	07/19/2007 1730		
Cadmium	0.22	U	mg/Kg	0.065	0.22	1.0
Method: 7471A			Date Analyzed:	07/26/2007 1436		
Prep Method: 7471A			Date Prepared:	07/25/2007 1300		
Mercury	0.025		mg/Kg	0.0063	0.020	1.0
Method: PercentMoisture			Date Analyzed:	07/19/2007 0213		
Percent Moisture	15		%	0.10	0.10	1.0

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Job Number: 500-5327-1

Client Sample ID: VPBH-H3DUP
Lab Sample ID: 500-5327-17

Date Sampled: 07/17/2007 0900
Date Received: 07/18/2007 0925
Client Matrix: Solid
Percent Solids: 81

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	07/24/2007 1328		
Prep Method: 5035			Date Prepared:	07/17/2007 0900		
Benzene	4.3	U	ug/Kg	0.59	4.3	1.0
1,1,2,2-Tetrachloroethane	4.3	U	ug/Kg	0.61	4.3	1.0
Vinyl chloride	4.3	U	ug/Kg	0.67	4.3	1.0
Bromomethane	4.3	U	ug/Kg	2.6	4.3	1.0
Chloroethane	4.3	U	ug/Kg	2.6	4.3	1.0
Acrolein	170	U	ug/Kg	28	170	1.0
1,1-Dichloroethene	4.3	U	ug/Kg	1.1	4.3	1.0
Carbon disulfide	4.3	U	ug/Kg	0.85	4.3	1.0
Acetone	14		ug/Kg	3.7	4.3	1.0
Methylene Chloride	4.3	U	ug/Kg	1.4	4.3	1.0
trans-1,2-Dichloroethene	4.3	U	ug/Kg	0.66	4.3	1.0
Methyl tert-butyl ether	4.3	U	ug/Kg	0.47	4.3	1.0
1,1-Dichloroethane	4.3	U	ug/Kg	0.50	4.3	1.0
Vinyl acetate	4.3	U *	ug/Kg	0.67	4.3	1.0
cis-1,2-Dichloroethene	4.3	U	ug/Kg	0.48	4.3	1.0
2-Butanone (MEK)	4.3	U	ug/Kg	1.9	4.3	1.0
Chloroform	4.3	U	ug/Kg	0.58	4.3	1.0
Carbon tetrachloride	4.3	U	ug/Kg	0.62	4.3	1.0
1,2-Dichloroethane	4.3	U	ug/Kg	0.47	4.3	1.0
Trichloroethene	4.3	U	ug/Kg	0.56	4.3	1.0
1,2-Dichloropropane	4.3	U	ug/Kg	0.47	4.3	1.0
Bromodichloromethane	4.3	U	ug/Kg	0.49	4.3	1.0
cis-1,3-Dichloropropene	4.3	U	ug/Kg	0.49	4.3	1.0
4-Methyl-2-pentanone (MIBK)	4.3	U	ug/Kg	0.61	4.3	1.0
Toluene	4.3	U	ug/Kg	1.4	4.3	1.0
trans-1,3-Dichloropropene	4.3	U	ug/Kg	0.51	4.3	1.0
1,1,2-Trichloroethane	4.3	U	ug/Kg	0.70	4.3	1.0
Tetrachloroethene	4.3	U	ug/Kg	0.77	4.3	1.0
Chlorobenzene	4.3	U	ug/Kg	0.48	4.3	1.0
Ethylbenzene	4.3	U	ug/Kg	0.55	4.3	1.0
Styrene	4.3	U	ug/Kg	0.53	4.3	1.0
Bromoform	4.3	U	ug/Kg	0.63	4.3	1.0
Xylenes, Total	4.3	U	ug/Kg	1.5	4.3	1.0
n-Butyl alcohol	340	U	ug/Kg	240	340	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	120	%	74 - 143
Toluene-d8 (Surr)	104	%	75 - 130
4-Bromofluorobenzene (Surr)	96	%	75 - 120

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Job Number: 500-5327-1

Client Sample ID: VPBH-H3DUP
Lab Sample ID: 500-5327-17

Date Sampled: 07/17/2007 0900
Date Received: 07/18/2007 0925
Client Matrix: Solid
Percent Solids: 81

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate					Acceptance Limits	
Dibromofluoromethane	115		%		78 - 142	
Method: 8270C			Date Analyzed:		07/30/2007 2042	
Prep Method: 3541			Date Prepared:		07/21/2007 1300	
Phenol	200	U	ug/Kg	52	200	1.0
Bis(2-chloroethyl)ether	200	U	ug/Kg	55	200	1.0
1,3-Dichlorobenzene	200	U	ug/Kg	39	200	1.0
1,4-Dichlorobenzene	200	U	ug/Kg	46	200	1.0
1,2-Dichlorobenzene	200	U	ug/Kg	42	200	1.0
Benzyl alcohol	400	U	ug/Kg	190	400	1.0
2-Methylphenol	200	U	ug/Kg	56	200	1.0
2,2'-oxybis[1-chloropropane]	200	U	ug/Kg	48	200	1.0
N-Nitrosodi-n-propylamine	200	U	ug/Kg	53	200	1.0
Hexachloroethane	200	U	ug/Kg	44	200	1.0
4-Methylphenol	200	U	ug/Kg	70	200	1.0
2-Chlorophenol	200	U	ug/Kg	52	200	1.0
Nitrobenzene	40	U	ug/Kg	10	40	1.0
Bis(2-chloroethoxy)methane	200	U	ug/Kg	42	200	1.0
1,2,4-Trichlorobenzene	200	U	ug/Kg	46	200	1.0
Benzoic acid	2000	U	ug/Kg	460	2000	1.0
Isophorone	200	U	ug/Kg	48	200	1.0
2,4-Dimethylphenol	400	U	ug/Kg	88	400	1.0
Hexachlorobutadiene	200	U	ug/Kg	43	200	1.0
Naphthalene	48		ug/Kg	7.8	40	1.0
2,4-Dichlorophenol	400	U	ug/Kg	88	400	1.0
4-Chloroaniline	800	U	ug/Kg	190	800	1.0
2,4,6-Trichlorophenol	400	U	ug/Kg	85	400	1.0
2,4,5-Trichlorophenol	400	U	ug/Kg	120	400	1.0
Hexachlorocyclopentadiene	800	U *	ug/Kg	210	800	1.0
2-Methylnaphthalene	200	U	ug/Kg	49	200	1.0
2-Nitroaniline	200	U	ug/Kg	58	200	1.0
2-Chloronaphthalene	200	U	ug/Kg	44	200	1.0
4-Chloro-3-methylphenol	400	U	ug/Kg	120	400	1.0
2,6-Dinitrotoluene	200	U	ug/Kg	56	200	1.0
2-Nitrophenol	400	U	ug/Kg	110	400	1.0
3-Nitroaniline	400	U	ug/Kg	170	400	1.0
Dimethyl phthalate	200	U	ug/Kg	45	200	1.0
2,4-Dinitrophenol	800	U	ug/Kg	570	800	1.0
Acenaphthylene	40	U	ug/Kg	12	40	1.0
2,4-Dinitrotoluene	200	U	ug/Kg	66	200	1.0

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Job Number: 500-5327-1

Client Sample ID: VPBH-H3DUP
Lab Sample ID: 500-5327-17

Date Sampled: 07/17/2007 0900
Date Received: 07/18/2007 0925
Client Matrix: Solid
Percent Solids: 81

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Acenaphthene	46		ug/Kg	8.3	40	1.0
Dibenzofuran	200	U	ug/Kg	40	200	1.0
4-Nitrophenol	800	U	ug/Kg	140	800	1.0
Fluorene	33	J	ug/Kg	8.8	40	1.0
4-Nitroaniline	400	U	ug/Kg	80	400	1.0
4-Bromophenyl phenyl ether	200	U	ug/Kg	50	200	1.0
Hexachlorobenzene	80	U	ug/Kg	8.6	80	1.0
Diethyl phthalate	200	U	ug/Kg	51	200	1.0
4-Chlorophenyl phenyl ether	200	U	ug/Kg	46	200	1.0
Pentachlorophenol	800	U	ug/Kg	280	800	1.0
N-Nitrosodiphenylamine	200	U	ug/Kg	46	200	1.0
4,6-Dinitro-2-methylphenol	400	U	ug/Kg	160	400	1.0
Phenanthrene	450		ug/Kg	12	40	1.0
Anthracene	81		ug/Kg	14	40	1.0
Carbazole	200	U	ug/Kg	51	200	1.0
Di-n-butyl phthalate	200	U	ug/Kg	51	200	1.0
Benzidine	800	U	ug/Kg	18	800	1.0
Fluoranthene	800		ug/Kg	15	40	1.0
Pyrene	760		ug/Kg	9.4	40	1.0
Butyl benzyl phthalate	200	U	ug/Kg	56	200	1.0
Benzo[a]anthracene	720		ug/Kg	6.4	40	1.0
Chrysene	910		ug/Kg	10	40	1.0
3,3'-Dichlorobenzidine	200	U	ug/Kg	46	200	1.0
Bis(2-ethylhexyl) phthalate	61	J	ug/Kg	55	200	1.0
Di-n-octyl phthalate	200	U	ug/Kg	52	200	1.0
Benzo[b]fluoranthene	1500		ug/Kg	12	40	1.0
Benzo[k]fluoranthene	600		ug/Kg	8.8	40	1.0
Benzo[a]pyrene	1100		ug/Kg	9.5	40	1.0
Indeno[1,2,3-cd]pyrene	1300		ug/Kg	22	40	1.0
Dibenz(a,h)anthracene	540		ug/Kg	21	40	1.0
Benzo[g,h,i]perylene	1800		ug/Kg	6.7	40	1.0

Surrogate			Acceptance Limits
2-Fluorophenol	37	%	24 - 115
Phenol-d5	42	%	26 - 117
Nitrobenzene-d5	41	%	20 - 109
2-Fluorobiphenyl	62	%	31 - 107
2,4,6-Tribromophenol	54	%	24 - 134
Terphenyl-d14	81	%	45 - 123

Method: 6010B
Prep Method: 3050B

Date Analyzed: 07/21/2007 1645
Date Prepared: 07/19/2007 1730

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Job Number: 500-5327-1

Client Sample ID: VPBH-H3DUP
Lab Sample ID: 500-5327-17

Date Sampled: 07/17/2007 0900
Date Received: 07/18/2007 0925
Client Matrix: Solid
Percent Solids: 81

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Arsenic	9.7		mg/Kg	0.29	1.1	1.0
Barium	24		mg/Kg	0.47	1.1	1.0
Chromium	13	B	mg/Kg	0.12	1.1	1.0
Lead	6.9		mg/Kg	0.25	0.53	1.0
Selenium	1.3		mg/Kg	0.40	1.1	1.0
Silver	0.53	U	mg/Kg	0.11	0.53	1.0
Method: 6010B			Date Analyzed:	07/30/2007 1257		
Prep Method: 3050B			Date Prepared:	07/19/2007 1730		
Cadmium	0.21	U	mg/Kg	0.063	0.21	1.0
Method: 7471A			Date Analyzed:	07/26/2007 1438		
Prep Method: 7471A			Date Prepared:	07/25/2007 1300		
Mercury	0.021	U	mg/Kg	0.0065	0.021	1.0
Method: PercentMoisture			Date Analyzed:	07/19/2007 0213		
Percent Moisture	19		%	0.10	0.10	1.0

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Job Number: 500-5327-1

Client Sample ID: VPBH-STEEL
Lab Sample ID: 500-5327-18

Date Sampled: 07/16/2007 1010
Date Received: 07/18/2007 0925
Client Matrix: Solid
Percent Solids: 78

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	07/24/2007 1412		
Prep Method: 5035			Date Prepared:	07/17/2007 1010		
Benzene	3.3	J	ug/Kg	0.61	4.4	1.0
1,1,2,2-Tetrachloroethane	4.4	U	ug/Kg	0.62	4.4	1.0
Vinyl chloride	4.4	U	ug/Kg	0.69	4.4	1.0
Bromomethane	4.4	U	ug/Kg	2.7	4.4	1.0
Chloroethane	4.4	U	ug/Kg	2.7	4.4	1.0
Acrolein	180	U	ug/Kg	29	180	1.0
1,1-Dichloroethene	4.4	U	ug/Kg	1.1	4.4	1.0
Carbon disulfide	4.4	U	ug/Kg	0.88	4.4	1.0
Acetone	79		ug/Kg	3.8	4.4	1.0
Methylene Chloride	4.4	U	ug/Kg	1.4	4.4	1.0
trans-1,2-Dichloroethene	4.4	U	ug/Kg	0.68	4.4	1.0
Methyl tert-butyl ether	4.4	U	ug/Kg	0.48	4.4	1.0
1,1-Dichloroethane	4.4	U	ug/Kg	0.52	4.4	1.0
Vinyl acetate	4.4	U *	ug/Kg	0.69	4.4	1.0
cis-1,2-Dichloroethene	4.4	U	ug/Kg	0.49	4.4	1.0
2-Butanone (MEK)	11		ug/Kg	1.9	4.4	1.0
Chloroform	4.4	U	ug/Kg	0.60	4.4	1.0
Carbon tetrachloride	4.4	U	ug/Kg	0.64	4.4	1.0
1,2-Dichloroethane	4.4	U	ug/Kg	0.48	4.4	1.0
Trichloroethene	4.4	U	ug/Kg	0.58	4.4	1.0
1,2-Dichloropropane	4.4	U	ug/Kg	0.48	4.4	1.0
Bromodichloromethane	4.4	U	ug/Kg	0.50	4.4	1.0
cis-1,3-Dichloropropene	4.4	U	ug/Kg	0.51	4.4	1.0
4-Methyl-2-pentanone (MIBK)	4.4	U	ug/Kg	0.63	4.4	1.0
Toluene	4.4	U	ug/Kg	1.5	4.4	1.0
trans-1,3-Dichloropropene	4.4	U	ug/Kg	0.53	4.4	1.0
1,1,2-Trichloroethane	4.4	U	ug/Kg	0.72	4.4	1.0
Tetrachloroethene	4.4	U	ug/Kg	0.79	4.4	1.0
Chlorobenzene	4.4	U	ug/Kg	0.49	4.4	1.0
Ethylbenzene	4.4	U	ug/Kg	0.56	4.4	1.0
Styrene	4.4	U	ug/Kg	0.54	4.4	1.0
Bromoform	4.4	U	ug/Kg	0.65	4.4	1.0
Xylenes, Total	4.4	U	ug/Kg	1.6	4.4	1.0
n-Butyl alcohol	350	U	ug/Kg	250	350	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	124	%	74 - 143
Toluene-d8 (Surr)	104	%	75 - 130
4-Bromofluorobenzene (Surr)	87	%	75 - 120

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Job Number: 500-5327-1

Client Sample ID: VPBH-STEEL
Lab Sample ID: 500-5327-18

Date Sampled: 07/16/2007 1010
Date Received: 07/18/2007 0925
Client Matrix: Solid
Percent Solids: 78

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate					Acceptance Limits	
Dibromofluoromethane	117		%		78 - 142	
Method: 8270C			Date Analyzed:		07/30/2007 2104	
Prep Method: 3541			Date Prepared:		07/21/2007 1300	
Phenol	210	U	ug/Kg	55	210	1.0
Bis(2-chloroethyl)ether	210	U	ug/Kg	58	210	1.0
1,3-Dichlorobenzene	210	U	ug/Kg	41	210	1.0
1,4-Dichlorobenzene	210	U	ug/Kg	49	210	1.0
1,2-Dichlorobenzene	210	U	ug/Kg	44	210	1.0
Benzyl alcohol	420	U	ug/Kg	200	420	1.0
2-Methylphenol	210	U	ug/Kg	59	210	1.0
2,2'-oxybis[1-chloropropane]	210	U	ug/Kg	51	210	1.0
N-Nitrosodi-n-propylamine	210	U	ug/Kg	56	210	1.0
Hexachloroethane	210	U	ug/Kg	46	210	1.0
4-Methylphenol	210	U	ug/Kg	74	210	1.0
2-Chlorophenol	210	U	ug/Kg	55	210	1.0
Nitrobenzene	42	U	ug/Kg	11	42	1.0
Bis(2-chloroethoxy)methane	210	U	ug/Kg	45	210	1.0
1,2,4-Trichlorobenzene	210	U	ug/Kg	48	210	1.0
Benzoic acid	2100	U	ug/Kg	480	2100	1.0
Isophorone	210	U	ug/Kg	50	210	1.0
2,4-Dimethylphenol	420	U	ug/Kg	93	420	1.0
Hexachlorobutadiene	210	U	ug/Kg	45	210	1.0
Naphthalene	70		ug/Kg	8.2	42	1.0
2,4-Dichlorophenol	420	U	ug/Kg	93	420	1.0
4-Chloroaniline	850	U	ug/Kg	210	850	1.0
2,4,6-Trichlorophenol	420	U	ug/Kg	90	420	1.0
2,4,5-Trichlorophenol	420	U	ug/Kg	120	420	1.0
Hexachlorocyclopentadiene	850	U *	ug/Kg	230	850	1.0
2-Methylnaphthalene	86	J	ug/Kg	51	210	1.0
2-Nitroaniline	210	U	ug/Kg	61	210	1.0
2-Chloronaphthalene	210	U	ug/Kg	46	210	1.0
4-Chloro-3-methylphenol	420	U	ug/Kg	120	420	1.0
2,6-Dinitrotoluene	210	U	ug/Kg	59	210	1.0
2-Nitrophenol	420	U	ug/Kg	120	420	1.0
3-Nitroaniline	420	U	ug/Kg	180	420	1.0
Dimethyl phthalate	210	U	ug/Kg	47	210	1.0
2,4-Dinitrophenol	850	U	ug/Kg	600	850	1.0
Acenaphthylene	42	U	ug/Kg	13	42	1.0
2,4-Dinitrotoluene	210	U	ug/Kg	69	210	1.0

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Job Number: 500-5327-1

Client Sample ID: VPBH-STEEL
Lab Sample ID: 500-5327-18

Date Sampled: 07/16/2007 1010
Date Received: 07/18/2007 0925
Client Matrix: Solid
Percent Solids: 78

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Acenaphthene	27	J	ug/Kg	8.7	42	1.0
Dibenzofuran	50	J	ug/Kg	42	210	1.0
4-Nitrophenol	850	U	ug/Kg	150	850	1.0
Fluorene	19	J	ug/Kg	9.2	42	1.0
4-Nitroaniline	420	U	ug/Kg	84	420	1.0
4-Bromophenyl phenyl ether	210	U	ug/Kg	52	210	1.0
Hexachlorobenzene	85	U	ug/Kg	9.1	85	1.0
Diethyl phthalate	210	U	ug/Kg	54	210	1.0
4-Chlorophenyl phenyl ether	210	U	ug/Kg	48	210	1.0
Pentachlorophenol	850	U	ug/Kg	290	850	1.0
N-Nitrosodiphenylamine	210	U	ug/Kg	48	210	1.0
4,6-Dinitro-2-methylphenol	420	U	ug/Kg	170	420	1.0
Phenanthrene	300		ug/Kg	13	42	1.0
Anthracene	53		ug/Kg	15	42	1.0
Carbazole	210	U	ug/Kg	53	210	1.0
Di-n-butyl phthalate	210	U	ug/Kg	54	210	1.0
Benzidine	850	U	ug/Kg	19	850	1.0
Fluoranthene	400		ug/Kg	16	42	1.0
Pyrene	400		ug/Kg	9.9	42	1.0
Butyl benzyl phthalate	210	U	ug/Kg	59	210	1.0
Benzo[a]anthracene	400		ug/Kg	6.7	42	1.0
Chrysene	470		ug/Kg	11	42	1.0
3,3'-Dichlorobenzidine	210	U	ug/Kg	49	210	1.0
Bis(2-ethylhexyl) phthalate	170	J	ug/Kg	58	210	1.0
Di-n-octyl phthalate	210	U	ug/Kg	55	210	1.0
Benzo[b]fluoranthene	760		ug/Kg	12	42	1.0
Benzo[k]fluoranthene	380		ug/Kg	9.2	42	1.0
Benzo[a]pyrene	540		ug/Kg	10	42	1.0
Indeno[1,2,3-cd]pyrene	500		ug/Kg	23	42	1.0
Dibenz(a,h)anthracene	220		ug/Kg	22	42	1.0
Benzo[g,h,i]perylene	650		ug/Kg	7.1	42	1.0

Surrogate			Acceptance Limits
2-Fluorophenol	46	%	24 - 115
Phenol-d5	49	%	26 - 117
Nitrobenzene-d5	46	%	20 - 109
2-Fluorobiphenyl	54	%	31 - 107
2,4,6-Tribromophenol	62	%	24 - 134
Terphenyl-d14	85	%	45 - 123

Method: 8082
Prep Method: 3541

Date Analyzed: 08/01/2007 1359
Date Prepared: 07/24/2007 1645

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Job Number: 500-5327-1

Client Sample ID: VPBH-STEEL
Lab Sample ID: 500-5327-18

Date Sampled: 07/16/2007 1010
Date Received: 07/18/2007 0925
Client Matrix: Solid
Percent Solids: 78

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
PCB-1016	21	U	ug/Kg	7.1	21	1.0
PCB-1221	21	U	ug/Kg	5.8	21	1.0
PCB-1232	21	U	ug/Kg	5.7	21	1.0
PCB-1242	21	U	ug/Kg	6.2	21	1.0
PCB-1248	21	U	ug/Kg	4.6	21	1.0
PCB-1254	21	U	ug/Kg	4.7	21	1.0
PCB-1260	21	U	ug/Kg	4.2	21	1.0
Polychlorinated biphenyls, Total	21	U	ug/Kg	4.2	21	1.0
Surrogate					Acceptance Limits	
Tetrachloro-m-xylene	69		%		39 - 115	
DCB Decachlorobiphenyl	69		%		47 - 116	
Method: 6010B			Date Analyzed:		07/21/2007 1650	
Prep Method: 3050B			Date Prepared:		07/19/2007 1730	
Arsenic	23		mg/Kg	0.31	1.2	1.0
Barium	42		mg/Kg	0.51	1.2	1.0
Chromium	43	B	mg/Kg	0.13	1.2	1.0
Lead	31		mg/Kg	0.28	0.58	1.0
Selenium	3.9		mg/Kg	0.44	1.2	1.0
Silver	0.46	J B	mg/Kg	0.12	0.58	1.0
Method: 6010B			Date Analyzed:		07/30/2007 1303	
Prep Method: 3050B			Date Prepared:		07/19/2007 1730	
Cadmium	0.23	U	mg/Kg	0.069	0.23	1.0
Method: 7471A			Date Analyzed:		07/26/2007 1441	
Prep Method: 7471A			Date Prepared:		07/25/2007 1300	
Mercury	0.034		mg/Kg	0.0068	0.021	1.0
Method: PercentMoisture			Date Analyzed:		07/19/2007 0213	
Percent Moisture	22		%	0.10	0.10	1.0

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Job Number: 500-5327-1

Client Sample ID: VPBH-29A
Lab Sample ID: 500-5327-19

Date Sampled: 07/17/2007 1310
Date Received: 07/18/2007 0925
Client Matrix: Solid
Percent Solids: 87

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	07/24/2007 1500		
Prep Method: 5035			Date Prepared:	07/17/2007 1310		
Benzene	6.1	U	ug/Kg	0.84	6.1	1.0
1,1,2,2-Tetrachloroethane	6.1	U	ug/Kg	0.87	6.1	1.0
Vinyl chloride	6.1	U	ug/Kg	0.95	6.1	1.0
Bromomethane	6.1	U	ug/Kg	3.8	6.1	1.0
Chloroethane	6.1	U	ug/Kg	3.8	6.1	1.0
Acrolein	240	U	ug/Kg	40	240	1.0
1,1-Dichloroethene	6.1	U	ug/Kg	1.6	6.1	1.0
Carbon disulfide	6.1	U	ug/Kg	1.2	6.1	1.0
Acetone	100		ug/Kg	5.2	6.1	1.0
Methylene Chloride	6.1	U	ug/Kg	1.9	6.1	1.0
trans-1,2-Dichloroethene	6.1	U	ug/Kg	0.94	6.1	1.0
Methyl tert-butyl ether	6.1	U	ug/Kg	0.67	6.1	1.0
1,1-Dichloroethane	6.1	U	ug/Kg	0.72	6.1	1.0
Vinyl acetate	6.1	U *	ug/Kg	0.96	6.1	1.0
cis-1,2-Dichloroethene	6.1	U	ug/Kg	0.68	6.1	1.0
2-Butanone (MEK)	16		ug/Kg	2.7	6.1	1.0
Chloroform	6.1	U	ug/Kg	0.83	6.1	1.0
Carbon tetrachloride	6.1	U	ug/Kg	0.89	6.1	1.0
1,2-Dichloroethane	6.1	U	ug/Kg	0.67	6.1	1.0
Trichloroethene	6.1	U	ug/Kg	0.80	6.1	1.0
1,2-Dichloropropane	6.1	U	ug/Kg	0.67	6.1	1.0
Bromodichloromethane	6.1	U	ug/Kg	0.69	6.1	1.0
cis-1,3-Dichloropropene	6.1	U	ug/Kg	0.71	6.1	1.0
4-Methyl-2-pentanone (MIBK)	6.1	U	ug/Kg	0.88	6.1	1.0
Toluene	6.1	U	ug/Kg	2.1	6.1	1.0
trans-1,3-Dichloropropene	6.1	U	ug/Kg	0.73	6.1	1.0
1,1,2-Trichloroethane	6.1	U	ug/Kg	1.0	6.1	1.0
Tetrachloroethene	6.1	U	ug/Kg	1.1	6.1	1.0
Chlorobenzene	6.1	U	ug/Kg	0.68	6.1	1.0
Ethylbenzene	6.1	U	ug/Kg	0.78	6.1	1.0
Styrene	6.1	U	ug/Kg	0.76	6.1	1.0
Bromoform	6.1	U	ug/Kg	0.90	6.1	1.0
Xylenes, Total	6.1	U	ug/Kg	2.2	6.1	1.0
n-Butyl alcohol	490	U	ug/Kg	340	490	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	116	%	74 - 143
Toluene-d8 (Surr)	100	%	75 - 130
4-Bromofluorobenzene (Surr)	93	%	75 - 120

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Job Number: 500-5327-1

Client Sample ID: VPBH-29A
Lab Sample ID: 500-5327-19

Date Sampled: 07/17/2007 1310
Date Received: 07/18/2007 0925
Client Matrix: Solid
Percent Solids: 87

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate					Acceptance Limits	
Dibromofluoromethane	110		%		78 - 142	
Method: 8270C			Date Analyzed:		07/27/2007 1801	
Prep Method: 3541			Date Prepared:		07/21/2007 1300	
Phenol	190	U	ug/Kg	49	190	1.0
Bis(2-chloroethyl)ether	190	U	ug/Kg	52	190	1.0
1,3-Dichlorobenzene	190	U	ug/Kg	37	190	1.0
1,4-Dichlorobenzene	190	U	ug/Kg	44	190	1.0
1,2-Dichlorobenzene	190	U	ug/Kg	40	190	1.0
Benzyl alcohol	380	U	ug/Kg	180	380	1.0
2-Methylphenol	190	U	ug/Kg	53	190	1.0
2,2'-oxybis[1-chloropropane]	190	U	ug/Kg	46	190	1.0
N-Nitrosodi-n-propylamine	190	U	ug/Kg	51	190	1.0
Hexachloroethane	190	U	ug/Kg	42	190	1.0
4-Methylphenol	190	U	ug/Kg	67	190	1.0
2-Chlorophenol	190	U	ug/Kg	49	190	1.0
Nitrobenzene	38	U	ug/Kg	9.9	38	1.0
Bis(2-chloroethoxy)methane	190	U	ug/Kg	40	190	1.0
1,2,4-Trichlorobenzene	190	U	ug/Kg	43	190	1.0
Benzoic acid	1900	U	ug/Kg	440	1900	1.0
Isophorone	190	U	ug/Kg	45	190	1.0
2,4-Dimethylphenol	380	U	ug/Kg	84	380	1.0
Hexachlorobutadiene	190	U	ug/Kg	41	190	1.0
Naphthalene	38	U	ug/Kg	7.4	38	1.0
2,4-Dichlorophenol	380	U	ug/Kg	84	380	1.0
4-Chloroaniline	760	U	ug/Kg	180	760	1.0
2,4,6-Trichlorophenol	380	U	ug/Kg	81	380	1.0
2,4,5-Trichlorophenol	380	U	ug/Kg	110	380	1.0
Hexachlorocyclopentadiene	760	U *	ug/Kg	200	760	1.0
2-Methylnaphthalene	190	U	ug/Kg	46	190	1.0
2-Nitroaniline	190	U	ug/Kg	55	190	1.0
2-Chloronaphthalene	190	U	ug/Kg	42	190	1.0
4-Chloro-3-methylphenol	380	U	ug/Kg	110	380	1.0
2,6-Dinitrotoluene	190	U	ug/Kg	53	190	1.0
2-Nitrophenol	380	U	ug/Kg	110	380	1.0
3-Nitroaniline	380	U	ug/Kg	170	380	1.0
Dimethyl phthalate	190	U	ug/Kg	43	190	1.0
2,4-Dinitrophenol	760	U	ug/Kg	550	760	1.0
Acenaphthylene	38	U	ug/Kg	12	38	1.0
2,4-Dinitrotoluene	190	U	ug/Kg	62	190	1.0

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Job Number: 500-5327-1

Client Sample ID: VPBH-29A
Lab Sample ID: 500-5327-19

Date Sampled: 07/17/2007 1310
Date Received: 07/18/2007 0925
Client Matrix: Solid
Percent Solids: 87

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Acenaphthene	38	U	ug/Kg	7.9	38	1.0
Dibenzofuran	190	U	ug/Kg	38	190	1.0
4-Nitrophenol	760	U	ug/Kg	130	760	1.0
Fluorene	38	U	ug/Kg	8.3	38	1.0
4-Nitroaniline	380	U	ug/Kg	76	380	1.0
4-Bromophenyl phenyl ether	190	U	ug/Kg	47	190	1.0
Hexachlorobenzene	76	U	ug/Kg	8.2	76	1.0
Diethyl phthalate	190	U	ug/Kg	49	190	1.0
4-Chlorophenyl phenyl ether	190	U	ug/Kg	44	190	1.0
Pentachlorophenol	760	U	ug/Kg	260	760	1.0
N-Nitrosodiphenylamine	190	U	ug/Kg	44	190	1.0
4,6-Dinitro-2-methylphenol	380	U	ug/Kg	150	380	1.0
Phenanthrene	38	U	ug/Kg	12	38	1.0
Anthracene	38	U	ug/Kg	13	38	1.0
Carbazole	190	U	ug/Kg	48	190	1.0
Di-n-butyl phthalate	190	U	ug/Kg	49	190	1.0
Benzidine	760	U	ug/Kg	17	760	1.0
Fluoranthene	38	U	ug/Kg	14	38	1.0
Pyrene	38	U	ug/Kg	8.9	38	1.0
Butyl benzyl phthalate	190	U	ug/Kg	53	190	1.0
Benzo[a]anthracene	38	U	ug/Kg	6.0	38	1.0
Chrysene	14	J	ug/Kg	9.8	38	1.0
3,3'-Dichlorobenzidine	190	U	ug/Kg	44	190	1.0
Bis(2-ethylhexyl) phthalate	190	U	ug/Kg	53	190	1.0
Di-n-octyl phthalate	190	U	ug/Kg	50	190	1.0
Benzo[b]fluoranthene	14	J	ug/Kg	11	38	1.0
Benzo[k]fluoranthene	38	U	ug/Kg	8.3	38	1.0
Benzo[a]pyrene	11	J	ug/Kg	9.0	38	1.0
Indeno[1,2,3-cd]pyrene	38	U	ug/Kg	21	38	1.0
Dibenz(a,h)anthracene	38	U	ug/Kg	20	38	1.0
Benzo[g,h,i]perylene	8.7	J	ug/Kg	6.4	38	1.0

Surrogate			Acceptance Limits
2-Fluorophenol	68	%	24 - 115
Phenol-d5	77	%	26 - 117
Nitrobenzene-d5	67	%	20 - 109
2-Fluorobiphenyl	72	%	31 - 107
2,4,6-Tribromophenol	89	%	24 - 134
Terphenyl-d14	98	%	45 - 123

Method: 6010B
Prep Method: 3050B

Date Analyzed: 07/21/2007 1654
Date Prepared: 07/19/2007 1730

Ms. Sarah Rubin
URS Corporation
100 South Wacker Drive
Suite 500
Chicago, IL 60606

Job Number: 500-5327-1

Client Sample ID: VPBH-29A
Lab Sample ID: 500-5327-19

Date Sampled: 07/17/2007 1310
Date Received: 07/18/2007 0925
Client Matrix: Solid
Percent Solids: 87

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Arsenic	1.1	U	mg/Kg	0.30	1.1	1.0
Barium	30		mg/Kg	0.49	1.1	1.0
Cadmium	0.22	U	mg/Kg	0.067	0.22	1.0
Chromium	2.5	B	mg/Kg	0.12	1.1	1.0
Lead	4.5		mg/Kg	0.27	0.56	1.0
Selenium	1.1	U	mg/Kg	0.42	1.1	1.0
Silver	0.56	U	mg/Kg	0.11	0.56	1.0
Method: 7471A			Date Analyzed:	07/26/2007 1443		
Prep Method: 7471A			Date Prepared:	07/25/2007 1300		
Mercury	0.0072	J	mg/Kg	0.0061	0.019	1.0
Method: PercentMoisture			Date Analyzed:	07/19/2007 0213		
Percent Moisture	13		%	0.10	0.10	1.0

DATA REPORTING QUALIFIERS

Client: URS Corporation Job Number: 500-5327-1

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Indicates the analyte was analyzed for but not detected.
	*	LCS or LCSD exceeds the control limits
	F	MS or MSD exceeds the control limits
	E	Result exceeded calibration range, secondary dilution required.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	*	RPD of the LCS and LCSD exceeds the control limits
	F	RPD of the MS and MSD exceeds the control limits
	X	Surrogate exceeds the control limits
GC/MS Semi VOA		
	U	Indicates the analyte was analyzed for but not detected.
	*	LCS or LCSD exceeds the control limits
	F	MS or MSD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	F	RPD of the MS and MSD exceeds the control limits
	X	Surrogate exceeds the control limits
	D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
GC Semi VOA		
	U	Indicates the analyte was analyzed for but not detected.

DATA REPORTING QUALIFIERS

Client: URS Corporation Job Number: 500-5327-1

Lab Section	Qualifier	Description
Metals		
	B	Compound was found in the blank and sample.
	U	Indicates the analyte was analyzed for but not detected.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

QUALITY CONTROL RESULTS

Client: URS Corporation Job Number: 500-5327-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 500-18802					
500-5327-1	VPBH-V3	T	Solid	5035	
500-5327-2	VPBH-H3	T	Solid	5035	
500-5327-3	VPBH-H2A	T	Solid	5035	
500-5327-4	VPBH-H2	T	Solid	5035	
500-5327-13	VPBH-26	T	Solid	5035	
500-5327-14	VPBH-27	T	Solid	5035	
500-5327-14MS	Matrix Spike	T	Solid	5035	
500-5327-14MSD	Matrix Spike Duplicate	T	Solid	5035	
500-5327-15	VPBH-28	T	Solid	5035	
500-5327-16	VPBH-29	T	Solid	5035	
500-5327-17	VPBH-H3DUP	T	Solid	5035	
500-5327-18	VPBH-STEEL	T	Solid	5035	
500-5327-19	VPBH-29A	T	Solid	5035	
Prep Batch: 500-18803					
500-5327-11	VPBH-24	T	Solid	5035	
500-5327-12	VPBH-25	T	Solid	5035	
Analysis Batch:500-19211					
LCS 500-19211/5	Lab Control Spike	T	Solid	8260B	
LCSD 500-19211/6	Lab Control Spike Duplicate	T	Solid	8260B	
MB 500-19211/4	Method Blank	T	Solid	8260B	
500-5327-1	VPBH-V3	T	Solid	8260B	500-18802
500-5327-2	VPBH-H3	T	Solid	8260B	500-18802
500-5327-3	VPBH-H2A	T	Solid	8260B	500-18802
500-5327-4	VPBH-H2	T	Solid	8260B	500-18802
500-5327-13	VPBH-26	T	Solid	8260B	500-18802
500-5327-14	VPBH-27	T	Solid	8260B	500-18802
500-5327-14MS	Matrix Spike	T	Solid	8260B	500-18802
500-5327-14MSD	Matrix Spike Duplicate	T	Solid	8260B	500-18802
500-5327-15	VPBH-28	T	Solid	8260B	500-18802
500-5327-16	VPBH-29	T	Solid	8260B	500-18802
500-5327-17	VPBH-H3DUP	T	Solid	8260B	500-18802
500-5327-18	VPBH-STEEL	T	Solid	8260B	500-18802
500-5327-19	VPBH-29A	T	Solid	8260B	500-18802
Analysis Batch:500-19400					
LCS 500-19400/21	Lab Control Spike	T	Solid	8260B	
MB 500-19400/20	Method Blank	T	Solid	8260B	
500-5327-11	VPBH-24	T	Solid	8260B	500-18803
500-5327-12	VPBH-25	T	Solid	8260B	500-18803

Report Basis
T = Total

STL Chicago

Client: URS Corporation Job Number: 500-5327-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 500-18994					
LCS 500-18994/2-A	Lab Control Spike	T	Solid	3541	
MB 500-18994/1-A	Method Blank	T	Solid	3541	
500-5327-1	VPBH-V3	T	Solid	3541	
500-5327-1DL	VPBH-V3	T	Solid	3541	
500-5327-2	VPBH-H3	T	Solid	3541	
500-5327-2DL	VPBH-H3	T	Solid	3541	
500-5327-3	VPBH-H2A	T	Solid	3541	
500-5327-4	VPBH-H2	T	Solid	3541	
500-5327-5	VPSD-01	T	Solid	3541	
500-5327-6	VPSD-02	T	Solid	3541	
500-5327-7	VPSD-03	T	Solid	3541	
500-5327-7DL	VPSD-03	T	Solid	3541	
500-5327-8	VPSD-04	T	Solid	3541	
500-5327-9	VPSD-05	T	Solid	3541	
500-5327-10	VPSD-06	T	Solid	3541	
500-5327-11	VPBH-24	T	Solid	3541	
500-5327-12	VPBH-25	T	Solid	3541	
500-5327-13	VPBH-26	T	Solid	3541	
500-5327-14	VPBH-27	T	Solid	3541	
500-5327-14MS	Matrix Spike	T	Solid	3541	
500-5327-14MSD	Matrix Spike Duplicate	T	Solid	3541	
500-5327-15	VPBH-28	T	Solid	3541	
500-5327-16	VPBH-29	T	Solid	3541	
500-5327-17	VPBH-H3DUP	T	Solid	3541	
500-5327-18	VPBH-STEEL	T	Solid	3541	
500-5327-19	VPBH-29A	T	Solid	3541	
Analysis Batch:500-19424					
LCS 500-18994/2-A	Lab Control Spike	T	Solid	8270C	500-18994
MB 500-18994/1-A	Method Blank	T	Solid	8270C	500-18994
500-5327-1	VPBH-V3	T	Solid	8270C	500-18994
500-5327-2	VPBH-H3	T	Solid	8270C	500-18994
500-5327-3	VPBH-H2A	T	Solid	8270C	500-18994
500-5327-4	VPBH-H2	T	Solid	8270C	500-18994
500-5327-5	VPSD-01	T	Solid	8270C	500-18994
500-5327-6	VPSD-02	T	Solid	8270C	500-18994
500-5327-7	VPSD-03	T	Solid	8270C	500-18994

Client: URS Corporation Job Number: 500-5327-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Analysis Batch:500-19437					
500-5327-1DL	VPBH-V3	T	Solid	8270C	500-18994
500-5327-2DL	VPBH-H3	T	Solid	8270C	500-18994
500-5327-7DL	VPSD-03	T	Solid	8270C	500-18994
500-5327-8	VPSD-04	T	Solid	8270C	500-18994
500-5327-11	VPBH-24	T	Solid	8270C	500-18994
500-5327-12	VPBH-25	T	Solid	8270C	500-18994
500-5327-13	VPBH-26	T	Solid	8270C	500-18994
500-5327-14	VPBH-27	T	Solid	8270C	500-18994
500-5327-14MS	Matrix Spike	T	Solid	8270C	500-18994
500-5327-14MSD	Matrix Spike Duplicate	T	Solid	8270C	500-18994
500-5327-16	VPBH-29	T	Solid	8270C	500-18994
500-5327-19	VPBH-29A	T	Solid	8270C	500-18994
Analysis Batch:500-19571					
500-5327-9	VPSD-05	T	Solid	8270C	500-18994
500-5327-10	VPSD-06	T	Solid	8270C	500-18994
500-5327-15	VPBH-28	T	Solid	8270C	500-18994
500-5327-17	VPBH-H3DUP	T	Solid	8270C	500-18994
500-5327-18	VPBH-STEEL	T	Solid	8270C	500-18994

Report Basis
T = Total

Client: URS Corporation Job Number: 500-5327-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 500-19180					
LCS 500-19180/2-A	Lab Control Spike	T	Solid	3541	
MB 500-19180/1-A	Method Blank	T	Solid	3541	
500-5327-1	VPBH-V3	T	Solid	3541	
500-5327-2	VPBH-H3	T	Solid	3541	
500-5327-3	VPBH-H2A	T	Solid	3541	
500-5327-3MS	Matrix Spike	T	Solid	3541	
500-5327-3MSD	Matrix Spike Duplicate	T	Solid	3541	
500-5327-4	VPBH-H2	T	Solid	3541	
500-5327-18	VPBH-STEEL	T	Solid	3541	
Analysis Batch:500-19713					
LCS 500-19180/2-A	Lab Control Spike	T	Solid	8082	500-19180
MB 500-19180/1-A	Method Blank	T	Solid	8082	500-19180
500-5327-1	VPBH-V3	T	Solid	8082	500-19180
500-5327-2	VPBH-H3	T	Solid	8082	500-19180
500-5327-3	VPBH-H2A	T	Solid	8082	500-19180
500-5327-3MS	Matrix Spike	T	Solid	8082	500-19180
500-5327-3MSD	Matrix Spike Duplicate	T	Solid	8082	500-19180
500-5327-4	VPBH-H2	T	Solid	8082	500-19180
500-5327-18	VPBH-STEEL	T	Solid	8082	500-19180

Report Basis
T = Total

Client: URS Corporation Job Number: 500-5327-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 500-18875					
LCS 500-18875/2-A	Lab Control Spike	T	Solid	3050B	
MB 500-18875/1-A	Method Blank	T	Solid	3050B	
500-5327-1	VPBH-V3	T	Solid	3050B	
500-5327-2	VPBH-H3	T	Solid	3050B	
500-5327-3	VPBH-H2A	T	Solid	3050B	
500-5327-4	VPBH-H2	T	Solid	3050B	
500-5327-5	VPSD-01	T	Solid	3050B	
500-5327-6	VPSD-02	T	Solid	3050B	
500-5327-7	VPSD-03	T	Solid	3050B	
500-5327-8	VPSD-04	T	Solid	3050B	
500-5327-9	VPSD-05	T	Solid	3050B	
500-5327-10	VPSD-06	T	Solid	3050B	
500-5327-11	VPBH-24	T	Solid	3050B	
500-5327-12	VPBH-25	T	Solid	3050B	
500-5327-13	VPBH-26	T	Solid	3050B	
500-5327-14	VPBH-27	T	Solid	3050B	
500-5327-14DU	Duplicate	T	Solid	3050B	
500-5327-14MS	Matrix Spike	T	Solid	3050B	
500-5327-14MSD	Matrix Spike Duplicate	T	Solid	3050B	
500-5327-15	VPBH-28	T	Solid	3050B	
500-5327-16	VPBH-29	T	Solid	3050B	
500-5327-17	VPBH-H3DUP	T	Solid	3050B	
500-5327-18	VPBH-STEEL	T	Solid	3050B	
500-5327-19	VPBH-29A	T	Solid	3050B	

Client: URS Corporation Job Number: 500-5327-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:500-19023					
LCS 500-18875/2-A	Lab Control Spike	T	Solid	6010B	500-18875
MB 500-18875/1-A	Method Blank	T	Solid	6010B	500-18875
500-5327-1	VPBH-V3	T	Solid	6010B	500-18875
500-5327-2	VPBH-H3	T	Solid	6010B	500-18875
500-5327-3	VPBH-H2A	T	Solid	6010B	500-18875
500-5327-4	VPBH-H2	T	Solid	6010B	500-18875
500-5327-5	VPSD-01	T	Solid	6010B	500-18875
500-5327-6	VPSD-02	T	Solid	6010B	500-18875
500-5327-7	VPSD-03	T	Solid	6010B	500-18875
500-5327-8	VPSD-04	T	Solid	6010B	500-18875
500-5327-9	VPSD-05	T	Solid	6010B	500-18875
500-5327-10	VPSD-06	T	Solid	6010B	500-18875
500-5327-11	VPBH-24	T	Solid	6010B	500-18875
500-5327-12	VPBH-25	T	Solid	6010B	500-18875
500-5327-13	VPBH-26	T	Solid	6010B	500-18875
500-5327-14	VPBH-27	T	Solid	6010B	500-18875
500-5327-14DU	Duplicate	T	Solid	6010B	500-18875
500-5327-14MS	Matrix Spike	T	Solid	6010B	500-18875
500-5327-14MSD	Matrix Spike Duplicate	T	Solid	6010B	500-18875
500-5327-15	VPBH-28	T	Solid	6010B	500-18875
500-5327-16	VPBH-29	T	Solid	6010B	500-18875
500-5327-17	VPBH-H3DUP	T	Solid	6010B	500-18875
500-5327-18	VPBH-STEEL	T	Solid	6010B	500-18875
500-5327-19	VPBH-29A	T	Solid	6010B	500-18875
Analysis Batch:500-19102					
MRL 500-19102/27	Method Reporting Limit Check	T	Solid	6010B	
500-5327-2	VPBH-H3	T	Solid	6010B	500-18875

Client: URS Corporation Job Number: 500-5327-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:500-19374					
LCS 500-19409/2-A	Lab Control Spike	T	Solid	7471A	500-19409
MB 500-19409/1-A	Method Blank	T	Solid	7471A	500-19409
500-5327-1	VPBH-V3	T	Solid	7471A	500-19409
500-5327-2	VPBH-H3	T	Solid	7471A	500-19409
500-5327-3	VPBH-H2A	T	Solid	7471A	500-19409
500-5327-4	VPBH-H2	T	Solid	7471A	500-19409
500-5327-5	VPSD-01	T	Solid	7471A	500-19409
500-5327-6	VPSD-02	T	Solid	7471A	500-19409
500-5327-7	VPSD-03	T	Solid	7471A	500-19409
500-5327-8	VPSD-04	T	Solid	7471A	500-19409
500-5327-9	VPSD-05	T	Solid	7471A	500-19409
500-5327-10	VPSD-06	T	Solid	7471A	500-19409
500-5327-11	VPBH-24	T	Solid	7471A	500-19409
500-5327-12	VPBH-25	T	Solid	7471A	500-19409
500-5327-13	VPBH-26	T	Solid	7471A	500-19409
500-5327-14	VPBH-27	T	Solid	7471A	500-19409
500-5327-14DU	Duplicate	T	Solid	7471A	500-19409
500-5327-14MS	Matrix Spike	T	Solid	7471A	500-19409
500-5327-14MSD	Matrix Spike Duplicate	T	Solid	7471A	500-19409
500-5327-15	VPBH-28	T	Solid	7471A	500-19409
500-5327-16	VPBH-29	T	Solid	7471A	500-19409
500-5327-17	VPBH-H3DUP	T	Solid	7471A	500-19409
500-5327-18	VPBH-STEEL	T	Solid	7471A	500-19409
500-5327-19	VPBH-29A	T	Solid	7471A	500-19409

Client: URS Corporation Job Number: 500-5327-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 500-19409					
LCS 500-19409/2-A	Lab Control Spike	T	Solid	7471A	
MB 500-19409/1-A	Method Blank	T	Solid	7471A	
500-5327-1	VPBH-V3	T	Solid	7471A	
500-5327-2	VPBH-H3	T	Solid	7471A	
500-5327-3	VPBH-H2A	T	Solid	7471A	
500-5327-4	VPBH-H2	T	Solid	7471A	
500-5327-5	VPSD-01	T	Solid	7471A	
500-5327-6	VPSD-02	T	Solid	7471A	
500-5327-7	VPSD-03	T	Solid	7471A	
500-5327-8	VPSD-04	T	Solid	7471A	
500-5327-9	VPSD-05	T	Solid	7471A	
500-5327-10	VPSD-06	T	Solid	7471A	
500-5327-11	VPBH-24	T	Solid	7471A	
500-5327-12	VPBH-25	T	Solid	7471A	
500-5327-13	VPBH-26	T	Solid	7471A	
500-5327-14	VPBH-27	T	Solid	7471A	
500-5327-14DU	Duplicate	T	Solid	7471A	
500-5327-14MS	Matrix Spike	T	Solid	7471A	
500-5327-14MSD	Matrix Spike Duplicate	T	Solid	7471A	
500-5327-15	VPBH-28	T	Solid	7471A	
500-5327-16	VPBH-29	T	Solid	7471A	
500-5327-17	VPBH-H3DUP	T	Solid	7471A	
500-5327-18	VPBH-STEEL	T	Solid	7471A	
500-5327-19	VPBH-29A	T	Solid	7471A	
Analysis Batch:500-19533					
MRL 500-19533/17	Method Reporting Limit Check	T	Solid	6010B	
500-5327-3	VPBH-H2A	T	Solid	6010B	500-18875
500-5327-12	VPBH-25	T	Solid	6010B	500-18875
500-5327-16	VPBH-29	T	Solid	6010B	500-18875
500-5327-17	VPBH-H3DUP	T	Solid	6010B	500-18875
500-5327-18	VPBH-STEEL	T	Solid	6010B	500-18875

Report Basis
T = Total

Client: URS Corporation Job Number: 500-5327-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:500-18798					
500-5327-1	VPBH-V3	T	Solid	PercentMoisture	
500-5327-2	VPBH-H3	T	Solid	PercentMoisture	
500-5327-3	VPBH-H2A	T	Solid	PercentMoisture	
500-5327-4	VPBH-H2	T	Solid	PercentMoisture	
500-5327-5	VPSD-01	T	Solid	PercentMoisture	
500-5327-6	VPSD-02	T	Solid	PercentMoisture	
500-5327-7	VPSD-03	T	Solid	PercentMoisture	
500-5327-8	VPSD-04	T	Solid	PercentMoisture	
500-5327-9	VPSD-05	T	Solid	PercentMoisture	
500-5327-10	VPSD-06	T	Solid	PercentMoisture	
500-5327-11	VPBH-24	T	Solid	PercentMoisture	
500-5327-12	VPBH-25	T	Solid	PercentMoisture	
500-5327-13	VPBH-26	T	Solid	PercentMoisture	
500-5327-14	VPBH-27	T	Solid	PercentMoisture	
500-5327-14DU	Duplicate	T	Solid	PercentMoisture	
500-5327-14MS	Matrix Spike	T	Solid	PercentMoisture	
500-5327-14MSD	Matrix Spike Duplicate	T	Solid	PercentMoisture	
500-5327-15	VPBH-28	T	Solid	PercentMoisture	
500-5327-16	VPBH-29	T	Solid	PercentMoisture	
500-5327-17	VPBH-H3DUP	T	Solid	PercentMoisture	
500-5327-18	VPBH-STEEL	T	Solid	PercentMoisture	
500-5327-19	VPBH-29A	T	Solid	PercentMoisture	

Report Basis
T = Total

Client: URS Corporation Job Number: 500-5327-1

Surrogate Recovery Report

8260B Volatile Organic Compounds by GC/MS

Client Matrix: Solid

Lab Sample ID	Client Sample ID	(BFB) (%Rec)	(DCE) (%Rec)	(DFM) (%Rec)	(TOL) (%Rec)
LCS 500-19211/5		100	105	110	103
LCSD 500-19211/6		103	108	113	105
MB 500-19211/4		97	106	104	103

Surrogate		Acceptance Limits
(BFB)	4-Bromofluorobenzene (Surr)	75 - 120
(DCE)	1,2-Dichloroethane-d4 (Surr)	74 - 143
(DFM)	Dibromofluoromethane	78 - 142
(TOL)	Toluene-d8 (Surr)	75 - 130

Client: URS Corporation Job Number: 500-5327-1

Surrogate Recovery Report

8260B Volatile Organic Compounds by GC/MS

Client Matrix: Solid

Lab Sample ID	Client Sample ID	(BFB) (%Rec)	(DCE) (%Rec)	(DFM) (%Rec)	(TOL) (%Rec)
500-5327-1	VPBH-V3	80	112	111	100
500-5327-2	VPBH-H3	79	115	113	104
500-5327-3	VPBH-H2A	75	113	118	95
500-5327-4	VPBH-H2	78	139	147 X	91
500-5327-13	VPBH-26	82	115	113	101
500-5327-14	VPBH-27	94	112	108	100
500-5327-14 MS	VPBH-27	95	110	113	98
500-5327-14 MSD	VPBH-27	97	114	113	100
500-5327-15	VPBH-28	92	108	105	99
500-5327-16	VPBH-29	84	115	114	103
500-5327-17	VPBH-H3DUP	96	120	115	104
500-5327-18	VPBH-STEEL	87	124	117	104
500-5327-19	VPBH-29A	93	116	110	100

Surrogate		Acceptance Limits
(BFB)	4-Bromofluorobenzene (Surr)	75 - 120
(DCE)	1,2-Dichloroethane-d4 (Surr)	74 - 143
(DFM)	Dibromofluoromethane	78 - 142
(TOL)	Toluene-d8 (Surr)	75 - 130

Client: URS Corporation Job Number: 500-5327-1

Surrogate Recovery Report

8260B Volatile Organic Compounds by GC/MS

Client Matrix: Solid

Lab Sample ID	Client Sample ID	(BFB) (%Rec)	(DCE) (%Rec)	(DFM) (%Rec)	(TOL) (%Rec)
LCS 500-19400/21		98	99	98	99
MB 500-19400/20		94	114	106	99

Surrogate		Acceptance Limits
(BFB)	4-Bromofluorobenzene (Surr)	75 - 120
(DCE)	1,2-Dichloroethane-d4 (Surr)	70 - 125
(DFM)	Dibromofluoromethane	75 - 120
(TOL)	Toluene-d8 (Surr)	75 - 120

Client: URS Corporation

Job Number: 500-5327-1

Surrogate Recovery Report

8260B Volatile Organic Compounds by GC/MS

Client Matrix: Solid

Lab Sample ID	Client Sample ID	(BFB) (%Rec)	(DCE) (%Rec)	(DFM) (%Rec)	(TOL) (%Rec)
500-5327-11	VPBH-24	99	107	99	98
500-5327-12	VPBH-25	99	107	103	99

Surrogate		Acceptance Limits
(BFB)	4-Bromofluorobenzene (Surr)	75 - 120
(DCE)	1,2-Dichloroethane-d4 (Surr)	70 - 125
(DFM)	Dibromofluoromethane	75 - 120
(TOL)	Toluene-d8 (Surr)	75 - 120

Client: URS Corporation Job Number: 500-5327-1

Surrogate Recovery Report

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	(2FP) (%Rec)	(FBP) (%Rec)	(NBZ) (%Rec)	(PHL) (%Rec)	(TBP) (%Rec)	(TPH) (%Rec)
500-5327-1	VPBH-V3	43	74	48	61	68	149 X
500-5327-1 DL	VPBH-V3	48	91	51	57	78	123
500-5327-2	VPBH-H3	42	57	44	52	65	95
500-5327-2 DL	VPBH-H3	57	71	54	55	75	107
500-5327-3	VPBH-H2A	68	84	63	71	88	122
500-5327-4	VPBH-H2	74	91	65	75	85	138 X
500-5327-5	VPSD-01	75	88	69	80	105	150 X
500-5327-6	VPSD-02	40	54	36	50	64	102
500-5327-7	VPSD-03	71	88	60	73	99	172 X
500-5327-7 DL	VPSD-03	0 D	0 D	0 D	0 D	0 D	0 D
500-5327-8	VPSD-04	63	68	59	63	77	90
500-5327-9	VPSD-05	60	68	56	68	69	93
500-5327-10	VPSD-06	42	49	40	47	41	65
500-5327-11	VPBH-24	82	102	79	88	67	122
500-5327-12	VPBH-25	70	90	69	77	80	113
500-5327-13	VPBH-26	56	73	50	52	69	101
500-5327-14	VPBH-27	76	80	82	85	78	99
500-5327-14 MS	VPBH-27	80	79	80	85	80	105

Client: URS Corporation Job Number: 500-5327-1

Surrogate Recovery Report

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Client Matrix: Solid

		(2FP) (%Rec)	(FBP) (%Rec)	(NBZ) (%Rec)	(PHL) (%Rec)	(TBP) (%Rec)	(TPH) (%Rec)
500-5327-14 MSD	VPBH-27	79	80	77	87	93	119
500-5327-15	VPBH-28	50	65	46	63	75	105
500-5327-16	VPBH-29	74	78	72	78	87	94
500-5327-17	VPBH-H3DUP	37	62	41	42	54	81
500-5327-18	VPBH-STEEL	46	54	46	49	62	85
500-5327-19	VPBH-29A	68	72	67	77	89	98
LCS 500-18994/2-A		79	75	75	85	84	122
MB 500-18994/1-A		75	79	78	85	65	105

Surrogate		Acceptance Limits
(2FP)	2-Fluorophenol	24 - 115
(FBP)	2-Fluorobiphenyl	31 - 107
(NBZ)	Nitrobenzene-d5	20 - 109
(PHL)	Phenol-d5	26 - 117
(TBP)	2,4,6-Tribromophenol	24 - 134
(TPH)	Terphenyl-d14	45 - 123

Client: URS Corporation

Job Number: 500-5327-1

Surrogate Recovery Report

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Solid

Lab Sample ID	Client Sample ID	(DCB1) (%Rec)	(TCX1) (%Rec)
500-5327-1	VPBH-V3	80	67
500-5327-2	VPBH-H3	86	86
500-5327-3	VPBH-H2A	84	92
500-5327-4	VPBH-H2	77	79
500-5327-18	VPBH-STEEL	69	69
500-5327-3 MS	VPBH-H2A	79	85
500-5327-3 MSD	VPBH-H2A	79	94
LCS 500-19180/2-A		88	47
MB 500-19180/1-A		102	53

Surrogate		Acceptance Limits
(DCB1)	DCB Decachlorobiphenyl	47 - 116
(TCX1)	Tetrachloro-m-xylene	39 - 115

Client: URS Corporation

Job Number: 500-5327-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 500-18802

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	500-5327-14	Analysis Batch:	500-19211	Instrument ID:	Agilent 6890N GC - 5975I
Client Matrix:	Solid	Prep Batch:	500-18802	Lab File ID:	5327-14sa.D
Dilution:	1.0			Initial Weight/Volume:	3.4183 g
Date Analyzed:	07/24/2007 1123			Final Weight/Volume:	5 mL
Date Prepared:	07/17/2007 1135				

MSD Lab Sample ID:	500-5327-14	Analysis Batch:	500-19211	Instrument ID:	Agilent 6890N GC - 5975N
Client Matrix:	Solid	Prep Batch:	500-18802	Lab File ID:	5327-14ta.D
Dilution:	1.0			Initial Weight/Volume:	4.2917 g
Date Analyzed:	07/24/2007 1149			Final Weight/Volume:	5 mL
Date Prepared:	07/17/2007 1135				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,1,2,2-Tetrachloroethane	127	129	75 - 120	21	30	F	F
Benzene	109	110	74 - 120	22	30		
Vinyl chloride	121	106	56 - 133	35	30		F
Bromomethane	141	109	60 - 153	47	30		F
Chloroethane	128	100	58 - 138	46	30		F
1,1-Dichloroethene	121	121	54 - 135	22	30		
Carbon disulfide	134	130	37 - 133	25	30	F	
Acetone	137	109	17 - 181	37	30		F
Methylene Chloride	122	122	67 - 120	23	30	F	F
trans-1,2-Dichloroethene	119	120	65 - 120	22	30		
Methyl tert-butyl ether	110	69	68 - 120	67	30		F
1,1-Dichloroethane	125	124	67 - 120	24	30	F	F
Vinyl acetate	139	140	40 - 131	22	30	F	F
cis-1,2-Dichloroethene	123	120	74 - 120	25	30	F	
2-Butanone (MEK)	132	138	38 - 141	18	30		
Chloroform	116	114	73 - 120	24	30		
Carbon tetrachloride	118	120	66 - 120	21	30		
1,2-Dichloroethane	122	122	63 - 120	23	30	F	F
Trichloroethene	108	110	72 - 125	21	30		
1,2-Dichloropropane	120	117	71 - 120	25	30		
Bromodichloromethane	129	128	78 - 120	23	30	F	F
cis-1,3-Dichloropropene	109	108	69 - 120	24	30		
4-Methyl-2-pentanone (MIBK)	152	161	61 - 120	17	30	F	F
Toluene	108	108	77 - 125	22	30		
trans-1,3-Dichloropropene	107	107	66 - 120	23	30		
1,1,2-Trichloroethane	125	121	78 - 120	26	30	F	F
Tetrachloroethene	98	101	72 - 120	20	30		
Chlorobenzene	106	105	77 - 125	23	30		
Ethylbenzene	109	108	79 - 120	23	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: URS Corporation

Job Number: 500-5327-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 500-18802

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	500-5327-14	Analysis Batch: 500-19211	Instrument ID: Agilent 6890N GC - 5975l
Client Matrix:	Solid	Prep Batch: 500-18802	Lab File ID: 5327-14sa.D
Dilution:	1.0		Initial Weight/Volume: 3.4183 g
Date Analyzed:	07/24/2007 1123		Final Weight/Volume: 5 mL
Date Prepared:	07/17/2007 1135		

MSD Lab Sample ID:	500-5327-14	Analysis Batch: 500-19211	Instrument ID: Agilent 6890N GC - 5975N
Client Matrix:	Solid	Prep Batch: 500-18802	Lab File ID: 5327-14ta.D
Dilution:	1.0		Initial Weight/Volume: 4.2917 g
Date Analyzed:	07/24/2007 1149		Final Weight/Volume: 5 mL
Date Prepared:	07/17/2007 1135		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Styrene	115	113	79 - 120	24	30		
Bromoform	117	113	69 - 120	26	30		
Xylenes, Total	105	104	77 - 120	23	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	110	114	74 - 143
Toluene-d8 (Surr)	98	100	75 - 130
4-Bromofluorobenzene (Surr)	95	97	75 - 120
Dibromofluoromethane	113	113	78 - 142

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: URS Corporation

Job Number: 500-5327-1

Method Blank - Batch: 500-19211

Method: 8260B
Preparation: N/A

Lab Sample ID: MB 500-19211/4
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 07/24/2007 1025
Date Prepared: N/A

Analysis Batch: 500-19211
Prep Batch: N/A
Units: ug/Kg

Instrument ID: Agilent 6890N GC - 5975N
Lab File ID: 19M0724a.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
1,1,2,2-Tetrachloroethane	5.0	U	0.71	5.0
Vinyl chloride	5.0	U	0.78	5.0
Bromomethane	5.0	U	3.1	5.0
Chloroethane	5.0	U	3.1	5.0
Acrolein	200	U	33	200
Benzene	5.0	U	0.69	5.0
1,1-Dichloroethene	5.0	U	1.3	5.0
Carbon disulfide	5.0	U	1.0	5.0
Acetone	5.0	U	4.3	5.0
Methylene Chloride	5.0	U	1.6	5.0
trans-1,2-Dichloroethene	5.0	U	0.77	5.0
Methyl tert-butyl ether	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	0.59	5.0
Vinyl acetate	5.0	U	0.79	5.0
cis-1,2-Dichloroethene	5.0	U	0.56	5.0
2-Butanone (MEK)	5.0	U	2.2	5.0
Chloroform	5.0	U	0.68	5.0
Carbon tetrachloride	5.0	U	0.73	5.0
1,2-Dichloroethane	5.0	U	0.55	5.0
Trichloroethene	5.0	U	0.66	5.0
1,2-Dichloropropane	5.0	U	0.55	5.0
Bromodichloromethane	5.0	U	0.57	5.0
cis-1,3-Dichloropropene	5.0	U	0.58	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.72	5.0
Toluene	5.0	U	1.7	5.0
trans-1,3-Dichloropropene	5.0	U	0.60	5.0
1,1,2-Trichloroethane	5.0	U	0.82	5.0
Tetrachloroethene	5.0	U	0.90	5.0
Chlorobenzene	5.0	U	0.56	5.0
Ethylbenzene	5.0	U	0.64	5.0
Styrene	5.0	U	0.62	5.0
Bromoform	5.0	U	0.74	5.0
Xylenes, Total	5.0	U	1.8	5.0
n-Butyl alcohol	400	U	280	400

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106	74 - 143
Toluene-d8 (Surr)	103	75 - 130
4-Bromofluorobenzene (Surr)	97	75 - 120
Dibromofluoromethane	104	78 - 142

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: URS Corporation

Job Number: 500-5327-1

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 500-19211

Method: 8260B
Preparation: N/A

LCS Lab Sample ID: LCS 500-19211/5
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 07/24/2007 0952
Date Prepared: N/A

Analysis Batch: 500-19211
Prep Batch: N/A
Units: ug/Kg

Instrument ID: Agilent 6890N GC - 5975N
Lab File ID: 19S0724.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

LCSD Lab Sample ID: LCSD 500-19211/6
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 07/24/2007 1934
Date Prepared: N/A

Analysis Batch: 500-19211
Prep Batch: N/A
Units: ug/Kg

Instrument ID: Agilent 6890N GC - 5975
Lab File ID: 19T0724.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,1,2,2-Tetrachloroethane	96	94	75 - 120	2	30		
Vinyl chloride	102	111	56 - 133	8	30		
Bromomethane	93	105	60 - 153	12	30		
Chloroethane	91	102	58 - 138	11	30		
Benzene	96	95	74 - 120	1	30		
1,1-Dichloroethene	102	98	54 - 135	4	30		
Carbon disulfide	107	102	37 - 133	5	30		
Acetone	109	108	17 - 181	2	30		
Methylene Chloride	112	117	67 - 120	4	30		
trans-1,2-Dichloroethene	101	99	65 - 120	2	30		
Methyl tert-butyl ether	93	97	68 - 120	5	30		
1,1-Dichloroethane	104	104	67 - 120	0	30		
Vinyl acetate	105	77	40 - 131	31	30		*
cis-1,2-Dichloroethene	102	103	74 - 120	1	30		
2-Butanone (MEK)	108	109	38 - 141	1	30		
Chloroform	96	98	73 - 120	2	30		
Carbon tetrachloride	102	93	66 - 120	9	30		
1,2-Dichloroethane	101	105	63 - 120	4	30		
Trichloroethene	96	94	72 - 125	3	30		
1,2-Dichloropropane	102	104	71 - 120	3	30		
Bromodichloromethane	106	108	78 - 120	2	30		
cis-1,3-Dichloropropene	91	92	69 - 120	1	30		
4-Methyl-2-pentanone (MIBK)	105	109	61 - 120	3	30		
Toluene	95	94	77 - 125	1	30		
trans-1,3-Dichloropropene	88	90	66 - 120	2	30		
1,1,2-Trichloroethane	97	101	78 - 120	4	30		
Tetrachloroethene	89	84	72 - 120	6	30		
Chlorobenzene	93	92	77 - 125	1	30		
Ethylbenzene	97	93	79 - 120	4	30		
Styrene	101	101	79 - 120	0	30		
Bromoform	86	88	69 - 120	2	30		
Xylenes, Total	94	91	77 - 120	3	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: URS Corporation Job Number: 500-5327-1

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 500-19211

Method: 8260B
Preparation: N/A

LCS Lab Sample ID: LCS 500-19211/5
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 07/24/2007 0952
Date Prepared: N/A

Analysis Batch: 500-19211
Prep Batch: N/A
Units: ug/Kg

Instrument ID: Agilent 6890N GC - 5975N
Lab File ID: 19S0724.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

LCSD Lab Sample ID: LCSD 500-19211/6
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 07/24/2007 1934
Date Prepared: N/A

Analysis Batch: 500-19211
Prep Batch: N/A
Units: ug/Kg

Instrument ID: Agilent 6890N GC - 5975
Lab File ID: 19T0724.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105	108	74 - 143
Toluene-d8 (Surr)	103	105	75 - 130
4-Bromofluorobenzene (Surr)	100	103	75 - 120
Dibromofluoromethane	110	113	78 - 142

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: URS Corporation

Job Number: 500-5327-1

Method Blank - Batch: 500-19400

Method: 8260B
Preparation: N/A

Lab Sample ID: MB 500-19400/20
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 07/26/2007 1002
Date Prepared: N/A

Analysis Batch: 500-19400
Prep Batch: N/A
Units: ug/Kg

Instrument ID: Agilent 6890N GC - 5973N
Lab File ID: 6M0726.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
1,1,2,2-Tetrachloroethane	1.0	U	0.27	1.0
Vinyl chloride	0.50	U	0.25	0.50
Bromomethane	2.0	U	0.97	2.0
Chloroethane	2.0	U	0.38	2.0
Benzene	0.50	U	0.088	0.50
Acrolein	40	U	20	40
1,1-Dichloroethene	1.0	U	0.27	1.0
Carbon disulfide	2.0	U	0.18	2.0
Acetone	4.0	U	1.2	4.0
Methylene Chloride	2.0	U	0.59	2.0
trans-1,2-Dichloroethene	1.0	U	0.20	1.0
Methyl tert-butyl ether	2.0	U	0.24	2.0
1,1-Dichloroethane	1.0	U	0.20	1.0
Vinyl acetate	2.0	U	0.33	2.0
cis-1,2-Dichloroethene	1.0	U	0.28	1.0
2-Butanone (MEK)	2.0	U	1.1	2.0
Chloroform	1.0	U	0.20	1.0
Carbon tetrachloride	1.0	U	0.59	1.0
1,2-Dichloroethane	1.0	U	0.25	1.0
Trichloroethene	0.50	U	0.22	0.50
1,2-Dichloropropane	1.0	U	0.26	1.0
Bromodichloromethane	2.0	U	0.17	2.0
cis-1,3-Dichloropropene	1.0	U	0.19	1.0
4-Methyl-2-pentanone (MIBK)	2.0	U	1.3	2.0
Toluene	0.50	U	0.12	0.50
trans-1,3-Dichloropropene	1.0	U	0.37	1.0
1,1,2-Trichloroethane	1.0	U	0.33	1.0
Tetrachloroethene	1.0	U	0.39	1.0
Chlorobenzene	1.0	U	0.24	1.0
Ethylbenzene	0.50	U	0.17	0.50
Styrene	1.0	U	0.32	1.0
Bromoform	2.0	U	0.35	2.0
Xylenes, Total	1.0	U	0.43	1.0
n-Butyl alcohol	200	U	75	200

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	114	70 - 125
Toluene-d8 (Surr)	99	75 - 120
4-Bromofluorobenzene (Surr)	94	75 - 120
Dibromofluoromethane	106	75 - 120

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: URS Corporation

Job Number: 500-5327-1

Lab Control Spike - Batch: 500-19400

Method: 8260B
Preparation: N/A

Lab Sample ID: LCS 500-19400/21
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 07/26/2007 1025
Date Prepared: N/A

Analysis Batch: 500-19400
Prep Batch: N/A
Units: ug/Kg

Instrument ID: Agilent 6890N GC - 5973N
Lab File ID: 6S0726.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,2,2-Tetrachloroethane	50.0	48.1	96	57 - 124	
Vinyl chloride	50.0	45.0	90	51 - 149	
Bromomethane	50.0	50.1	100	48 - 180	
Chloroethane	50.0	44.9	90	50 - 155	
Benzene	50.0	48.0	96	69 - 120	
1,1-Dichloroethene	50.0	43.5	87	53 - 120	
Carbon disulfide	50.0	43.5	87	37 - 128	
Acetone	50.0	123	246	20 - 181	*
Methylene Chloride	50.0	52.8	106	50 - 124	
trans-1,2-Dichloroethene	50.0	50.1	100	58 - 120	
Methyl tert-butyl ether	50.0	39.4	79	47 - 133	
1,1-Dichloroethane	50.0	48.5	97	64 - 120	
Vinyl acetate	50.0	56.2	112	38 - 157	
cis-1,2-Dichloroethene	50.0	52.5	105	63 - 122	
2-Butanone (MEK)	50.0	57.5	115	21 - 157	
Chloroform	50.0	49.2	98	65 - 122	
Carbon tetrachloride	50.0	43.6	87	68 - 127	
1,2-Dichloroethane	50.0	52.7	105	63 - 123	
Trichloroethene	50.0	45.1	90	74 - 120	
1,2-Dichloropropane	50.0	51.1	102	72 - 120	
Bromodichloromethane	50.0	53.8	108	70 - 130	
cis-1,3-Dichloropropene	53.8	45.9	85	56 - 121	
4-Methyl-2-pentanone (MIBK)	50.0	68.8	138	46 - 142	
Toluene	50.0	54.9	110	70 - 120	
trans-1,3-Dichloropropene	48.6	41.7	86	50 - 123	
1,1,2-Trichloroethane	50.0	54.4	109	55 - 128	
Tetrachloroethene	50.0	41.7	83	67 - 124	
Chlorobenzene	50.0	47.1	94	78 - 120	
Ethylbenzene	50.0	48.2	96	76 - 120	
Styrene	50.0	52.0	104	77 - 121	
Bromoform	50.0	39.3	79	53 - 120	
Xylenes, Total	150	153	102	68 - 125	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99	70 - 125
Toluene-d8 (Surr)	99	75 - 120
4-Bromofluorobenzene (Surr)	98	75 - 120
Dibromofluoromethane	98	75 - 120

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: URS Corporation

Job Number: 500-5327-1

Method Blank - Batch: 500-18994

Method: 8270C
Preparation: 3541

Lab Sample ID: MB 500-18994/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 07/26/2007 1919
Date Prepared: 07/21/2007 1300

Analysis Batch: 500-19424
Prep Batch: 500-18994
Units: ug/Kg

Instrument ID: Agilent 6890N GC - 5973N
Lab File ID: 18994M.D
Initial Weight/Volume: 15.000 g
Final Weight/Volume: 0.5 mL
Injection Volume:

Analyte	Result	Qual	MDL	RL
Phenol	170	U	43	170
Bis(2-chloroethyl)ether	170	U	46	170
1,3-Dichlorobenzene	170	U	32	170
1,4-Dichlorobenzene	170	U	38	170
1,2-Dichlorobenzene	170	U	35	170
Benzyl alcohol	330	U	160	330
2-Methylphenol	170	U	46	170
2,2'-oxybis[1-chloropropane]	170	U	40	170
N-Nitrosodi-n-propylamine	170	U	44	170
Hexachloroethane	170	U	37	170
4-Methylphenol	170	U	59	170
2-Chlorophenol	170	U	43	170
Nitrobenzene	33	U	8.7	33
Bis(2-chloroethoxy)methane	170	U	35	170
1,2,4-Trichlorobenzene	170	U	38	170
Benzoic acid	1700	U	380	1700
Isophorone	170	U	40	170
2,4-Dimethylphenol	330	U	74	330
Hexachlorobutadiene	170	U	36	170
Naphthalene	33	U	6.5	33
2,4-Dichlorophenol	330	U	73	330
4-Chloroaniline	670	U	160	670
2,4,6-Trichlorophenol	330	U	71	330
2,4,5-Trichlorophenol	330	U	99	330
Hexachlorocyclopentadiene	670	U	180	670
2-Methylnaphthalene	170	U	41	170
2-Nitroaniline	170	U	48	170
2-Chloronaphthalene	170	U	36	170
4-Chloro-3-methylphenol	330	U	99	330
2,6-Dinitrotoluene	170	U	47	170
2-Nitrophenol	330	U	92	330
3-Nitroaniline	330	U	150	330
Dimethyl phthalate	170	U	38	170
2,4-Dinitrophenol	670	U	480	670
Acenaphthylene	33	U	10	33
2,4-Dinitrotoluene	170	U	55	170
Acenaphthene	33	U	6.9	33
Dibenzofuran	170	U	33	170
4-Nitrophenol	670	U	120	670
Fluorene	33	U	7.3	33
4-Nitroaniline	330	U	66	330

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: URS Corporation

Job Number: 500-5327-1

Method Blank - Batch: 500-18994

Method: 8270C
Preparation: 3541

Lab Sample ID: MB 500-18994/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 07/26/2007 1919
Date Prepared: 07/21/2007 1300

Analysis Batch: 500-19424
Prep Batch: 500-18994
Units: ug/Kg

Instrument ID: Agilent 6890N GC - 5973N
Lab File ID: 18994M.D
Initial Weight/Volume: 15.000 g
Final Weight/Volume: 0.5 mL
Injection Volume:

Analyte	Result	Qual	MDL	RL
4-Bromophenyl phenyl ether	170	U	41	170
Hexachlorobenzene	67	U	7.2	67
Diethyl phthalate	170	U	43	170
4-Chlorophenyl phenyl ether	170	U	38	170
Pentachlorophenol	670	U	230	670
N-Nitrosodiphenylamine	170	U	38	170
4,6-Dinitro-2-methylphenol	330	U	130	330
Phenanthrene	33	U	10	33
Anthracene	33	U	12	33
Carbazole	170	U	42	170
Di-n-butyl phthalate	170	U	43	170
Benzidine	670	U	15	670
Fluoranthene	33	U	13	33
Pyrene	33	U	7.8	33
Butyl benzyl phthalate	170	U	47	170
Benzo[a]anthracene	33	U	5.3	33
Chrysene	33	U	8.6	33
3,3'-Dichlorobenzidine	170	U	39	170
Bis(2-ethylhexyl) phthalate	170	U	46	170
Di-n-octyl phthalate	170	U	43	170
Benzo[b]fluoranthene	33	U	9.8	33
Benzo[k]fluoranthene	33	U	7.3	33
Benzo[a]pyrene	33	U	7.9	33
Indeno[1,2,3-cd]pyrene	33	U	18	33
Dibenz(a,h)anthracene	33	U	18	33
Benzo[g,h,i]perylene	33	U	5.6	33

Surrogate	% Rec	Acceptance Limits
2-Fluorophenol	75	24 - 115
Phenol-d5	85	26 - 117
Nitrobenzene-d5	78	20 - 109
2-Fluorobiphenyl	79	31 - 107
2,4,6-Tribromophenol	65	24 - 134
Terphenyl-d14	105	45 - 123

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: URS Corporation

Job Number: 500-5327-1

Lab Control Spike - Batch: 500-18994

Method: 8270C
Preparation: 3541

Lab Sample ID: LCS 500-18994/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 07/26/2007 1941
Date Prepared: 07/21/2007 1300

Analysis Batch: 500-19424
Prep Batch: 500-18994
Units: ug/Kg

Instrument ID: Agilent 6890N GC - 5973N
Lab File ID: 18994BS.D
Initial Weight/Volume: 15.000 g
Final Weight/Volume: 0.5 mL
Injection Volume:

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Phenol	1670	1370	82	59 - 110	
Bis(2-chloroethyl)ether	1670	1250	75	55 - 110	
1,3-Dichlorobenzene	1670	1080	65	54 - 110	
1,4-Dichlorobenzene	1670	1130	68	56 - 110	
1,2-Dichlorobenzene	1670	1140	69	58 - 110	
Benzyl alcohol	1670	1190	71	59 - 110	
2-Methylphenol	1670	1290	78	59 - 110	
2,2'-oxybis[1-chloropropane]	1670	1370	82	54 - 110	
N-Nitrosodi-n-propylamine	1670	1300	78	54 - 110	
Hexachloroethane	1670	938	56	55 - 110	
4-Methylphenol	1670	1440	86	57 - 110	
2-Chlorophenol	1670	1250	75	63 - 110	
Nitrobenzene	1670	1200	72	58 - 110	
Bis(2-chloroethoxy)methane	1670	1250	75	62 - 110	
1,2,4-Trichlorobenzene	1670	1130	68	60 - 110	
Benzoic acid	1670	654	39	10 - 120	J
Isophorone	1670	1060	64	60 - 110	
2,4-Dimethylphenol	1670	1200	72	56 - 110	
Hexachlorobutadiene	1670	1140	69	57 - 110	
Naphthalene	1670	1140	68	60 - 110	
2,4-Dichlorophenol	1670	1240	74	61 - 110	
4-Chloroaniline	1670	1000	60	20 - 110	
2,4,6-Trichlorophenol	1670	1220	73	61 - 115	
2,4,5-Trichlorophenol	1670	1350	81	66 - 116	
Hexachlorocyclopentadiene	1670	233	14	20 - 110	J *
2-Methylnaphthalene	1670	1180	71	20 - 156	
2-Nitroaniline	1670	1280	77	58 - 125	
2-Chloronaphthalene	1670	1150	69	65 - 110	
4-Chloro-3-methylphenol	1670	1250	75	61 - 112	
2,6-Dinitrotoluene	1670	1390	83	66 - 117	
2-Nitrophenol	1670	1160	70	62 - 110	
3-Nitroaniline	1670	1110	66	29 - 114	
Dimethyl phthalate	1670	1220	73	67 - 110	
2,4-Dinitrophenol	1670	431	26	10 - 132	U
Acenaphthylene	1670	1210	72	64 - 110	
2,4-Dinitrotoluene	1670	1260	76	65 - 123	
Acenaphthene	1670	1150	69	63 - 110	
Dibenzofuran	1670	1150	69	64 - 110	
4-Nitrophenol	1670	1150	69	33 - 137	
Fluorene	1670	1170	70	61 - 110	
4-Nitroaniline	1670	1090	65	52 - 120	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: URS Corporation

Job Number: 500-5327-1

Lab Control Spike - Batch: 500-18994

Method: 8270C
Preparation: 3541

Lab Sample ID: LCS 500-18994/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 07/26/2007 1941
Date Prepared: 07/21/2007 1300

Analysis Batch: 500-19424
Prep Batch: 500-18994
Units: ug/Kg

Instrument ID: Agilent 6890N GC - 5973N
Lab File ID: 18994BS.D
Initial Weight/Volume: 15.000 g
Final Weight/Volume: 0.5 mL
Injection Volume:

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
4-Bromophenyl phenyl ether	1670	1250	75	64 - 115	
Hexachlorobenzene	1670	1240	75	63 - 112	
Diethyl phthalate	1670	1290	77	67 - 111	
4-Chlorophenyl phenyl ether	1670	1140	69	65 - 112	
Pentachlorophenol	1670	1110	66	20 - 121	
N-Nitrosodiphenylamine	1670	1260	75	63 - 111	
4,6-Dinitro-2-methylphenol	1670	685	41	17 - 124	
Phenanthrene	1670	1260	76	64 - 115	
Anthracene	1670	1220	73	64 - 110	
Carbazole	1670	1250	75	67 - 114	
Di-n-butyl phthalate	1670	1490	89	69 - 113	
Benzidine	1670	1180	71	10 - 113	
Fluoranthene	1670	1290	77	66 - 111	
Pyrene	1670	1730	104	65 - 114	
Butyl benzyl phthalate	1670	1820	109	68 - 112	
Benzo[a]anthracene	1670	1500	90	62 - 117	
Chrysene	1670	1500	90	61 - 118	
3,3'-Dichlorobenzidine	1670	1470	88	32 - 110	
Bis(2-ethylhexyl) phthalate	1670	1840	111	67 - 117	
Di-n-octyl phthalate	1670	1750	105	52 - 121	
Benzo[b]fluoranthene	1670	1410	85	54 - 121	
Benzo[k]fluoranthene	1670	1180	71	41 - 121	
Benzo[a]pyrene	1670	1230	74	56 - 111	
Indeno[1,2,3-cd]pyrene	1670	1160	69	56 - 113	
Dibenz(a,h)anthracene	1670	1180	71	54 - 116	
Benzo[g,h,i]perylene	1670	1210	73	59 - 117	

Surrogate	% Rec	Acceptance Limits
2-Fluorophenol	79	24 - 115
Phenol-d5	85	26 - 117
Nitrobenzene-d5	75	20 - 109
2-Fluorobiphenyl	75	31 - 107
2,4,6-Tribromophenol	84	24 - 134
Terphenyl-d14	122	45 - 123

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: URS Corporation

Job Number: 500-5327-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 500-18994

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	500-5327-14	Analysis Batch:	500-19437	Instrument ID:	Agilent 6890N GC - 5973I
Client Matrix:	Solid	Prep Batch:	500-18994	Lab File ID:	5327-14S.D
Dilution:	1.0			Initial Weight/Volume:	15.105 g
Date Analyzed:	07/27/2007 1551			Final Weight/Volume:	0.5 mL
Date Prepared:	07/21/2007 1300			Injection Volume:	

MSD Lab Sample ID:	500-5327-14	Analysis Batch:	500-19437	Instrument ID:	Agilent 6890N GC - 5973N
Client Matrix:	Solid	Prep Batch:	500-18994	Lab File ID:	5327-14T.D
Dilution:	1.0			Initial Weight/Volume:	15.112 g
Date Analyzed:	07/27/2007 1612			Final Weight/Volume:	0.5 mL
Date Prepared:	07/21/2007 1300			Injection Volume:	

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Phenol	84	86	59 - 110	2	30		
Bis(2-chloroethyl)ether	75	75	55 - 110	0	30		
1,3-Dichlorobenzene	65	63	54 - 110	3	30		
1,4-Dichlorobenzene	67	65	56 - 110	3	30		
1,2-Dichlorobenzene	69	67	58 - 110	3	30		
Benzyl alcohol	74	76	59 - 110	3	30		
2-Methylphenol	80	86	59 - 110	7	30		
2,2'-oxybis[1-chloropropane]	85	84	54 - 110	1	30		
N-Nitrosodi-n-propylamine	81	81	54 - 110	0	30		
Hexachloroethane	60	58	55 - 110	3	30		
4-Methylphenol	87	93	57 - 110	7	30		
2-Chlorophenol	78	78	63 - 110	0	30		
Nitrobenzene	76	75	58 - 110	1	30		
Bis(2-chloroethoxy)methane	78	78	62 - 110	0	30		
1,2,4-Trichlorobenzene	68	68	60 - 110	0	30		
Benzoic acid	59	71	10 - 120	19	30	J	J
Isophorone	65	66	60 - 110	1	30		
2,4-Dimethylphenol	73	78	56 - 110	7	30		
Hexachlorobutadiene	67	66	57 - 110	2	30		
Naphthalene	72	72	60 - 110	0	30		
2,4-Dichlorophenol	75	79	61 - 110	5	30		
4-Chloroaniline	76	74	20 - 110	2	30		
2,4,6-Trichlorophenol	75	86	61 - 115	15	30		
2,4,5-Trichlorophenol	76	88	66 - 116	14	30		
Hexachlorocyclopentadiene	11	5	20 - 110	NC	30	U F	U F
2-Methylnaphthalene	72	74	20 - 156	3	30		
2-Nitroaniline	84	90	58 - 125	7	30		
2-Chloronaphthalene	74	76	65 - 110	2	30		
4-Chloro-3-methylphenol	76	84	61 - 112	11	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: URS Corporation

Job Number: 500-5327-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 500-18994

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	500-5327-14	Analysis Batch: 500-19437	Instrument ID: Agilent 6890N GC - 5973I
Client Matrix:	Solid	Prep Batch: 500-18994	Lab File ID: 5327-14S.D
Dilution:	1.0		Initial Weight/Volume: 15.105 g
Date Analyzed:	07/27/2007 1551		Final Weight/Volume: 0.5 mL
Date Prepared:	07/21/2007 1300		Injection Volume:

MSD Lab Sample ID:	500-5327-14	Analysis Batch: 500-19437	Instrument ID: Agilent 6890N GC - 5973N
Client Matrix:	Solid	Prep Batch: 500-18994	Lab File ID: 5327-14T.D
Dilution:	1.0		Initial Weight/Volume: 15.112 g
Date Analyzed:	07/27/2007 1612		Final Weight/Volume: 0.5 mL
Date Prepared:	07/21/2007 1300		Injection Volume:

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
2,6-Dinitrotoluene	85	88	66 - 117	3	30		
2-Nitrophenol	72	72	62 - 110	1	30		
3-Nitroaniline	90	96	29 - 114	6	30		
Dimethyl phthalate	76	82	67 - 110	8	30		
2,4-Dinitrophenol	32	53	10 - 132	48	30	J	F
Acenaphthylene	77	82	64 - 110	6	30		
2,4-Dinitrotoluene	81	80	65 - 123	1	30		
Acenaphthene	73	78	63 - 110	6	30		
Dibenzofuran	74	79	64 - 110	6	30		
4-Nitrophenol	80	93	33 - 137	15	30		
Fluorene	76	82	61 - 110	8	30		
4-Nitroaniline	91	100	52 - 120	9	30		
4-Bromophenyl phenyl ether	75	82	64 - 115	8	30		
Hexachlorobenzene	72	79	63 - 112	9	30		
Diethyl phthalate	78	86	67 - 111	10	30		
4-Chlorophenyl phenyl ether	72	77	65 - 112	6	30		
Pentachlorophenol	50	54	20 - 121	8	30		
N-Nitrosodiphenylamine	79	85	63 - 111	8	30		
4,6-Dinitro-2-methylphenol	36	52	17 - 124	35	30		F
Phenanthrene	83	96	64 - 115	14	30		
Anthracene	74	80	64 - 110	8	30		
Carbazole	86	88	67 - 114	2	30		
Di-n-butyl phthalate	85	85	69 - 113	0	30		
Benzidine	67	15	10 - 113	128	30		J F
Fluoranthene	75	92	66 - 111	20	30		
Pyrene	92	120	65 - 114	26	30		F
Butyl benzyl phthalate	91	106	68 - 112	15	30		
Benzo[a]anthracene	92	108	62 - 117	16	30		
Chrysene	85	109	61 - 118	25	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: URS Corporation

Job Number: 500-5327-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 500-18994

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	500-5327-14	Analysis Batch: 500-19437	Instrument ID: Agilent 6890N GC - 5973I
Client Matrix:	Solid	Prep Batch: 500-18994	Lab File ID: 5327-14S.D
Dilution:	1.0		Initial Weight/Volume: 15.105 g
Date Analyzed:	07/27/2007 1551		Final Weight/Volume: 0.5 mL
Date Prepared:	07/21/2007 1300		Injection Volume:

MSD Lab Sample ID:	500-5327-14	Analysis Batch: 500-19437	Instrument ID: Agilent 6890N GC - 5973N
Client Matrix:	Solid	Prep Batch: 500-18994	Lab File ID: 5327-14T.D
Dilution:	1.0		Initial Weight/Volume: 15.112 g
Date Analyzed:	07/27/2007 1612		Final Weight/Volume: 0.5 mL
Date Prepared:	07/21/2007 1300		Injection Volume:

	% Rec.					
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual MSD Qual
3,3'-Dichlorobenzidine	96	98	32 - 110	2	30	
Bis(2-ethylhexyl) phthalate	94	113	67 - 117	19	30	
Di-n-octyl phthalate	78	84	52 - 121	7	30	
Benzo[b]fluoranthene	86	97	54 - 121	12	30	
Benzo[k]fluoranthene	61	73	41 - 121	17	30	
Benzo[a]pyrene	74	86	56 - 111	15	30	
Indeno[1,2,3-cd]pyrene	74	83	56 - 113	12	30	
Dibenz(a,h)anthracene	75	80	54 - 116	6	30	
Benzo[g,h,i]perylene	77	88	59 - 117	13	30	

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2-Fluorophenol	80	79	24 - 115
Phenol-d5	85	87	26 - 117
Nitrobenzene-d5	80	77	20 - 109
2-Fluorobiphenyl	79	80	31 - 107
2,4,6-Tribromophenol	80	93	24 - 134
Terphenyl-d14	105	119	45 - 123

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: URS Corporation Job Number: 500-5327-1

Method Blank - Batch: 500-19180

Method: 8082
Preparation: 3541

Lab Sample ID: MB 500-19180/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 08/01/2007 1137
Date Prepared: 07/24/2007 1645

Analysis Batch: 500-19713
Prep Batch: 500-19180
Units: ug/Kg

Instrument ID: HP 6890N GC
Lab File ID: 07300731_157.d
Initial Weight/Volume: 15.000 g
Final Weight/Volume: 5.0 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
PCB-1016	17	U	5.6	17
PCB-1221	17	U	4.6	17
PCB-1232	17	U	4.5	17
PCB-1242	17	U	4.9	17
PCB-1248	17	U	3.6	17
PCB-1254	17	U	3.7	17
PCB-1260	17	U	3.3	17
Polychlorinated biphenyls, Total	17	U	3.3	17

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	53	39 - 115
DCB Decachlorobiphenyl	102	47 - 116

Lab Control Spike - Batch: 500-19180

Method: 8082
Preparation: 3541

Lab Sample ID: LCS 500-19180/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 08/01/2007 1151
Date Prepared: 07/24/2007 1645

Analysis Batch: 500-19713
Prep Batch: 500-19180
Units: ug/Kg

Instrument ID: HP 6890N GC
Lab File ID: 07300731_158.d
Initial Weight/Volume: 15.000 g
Final Weight/Volume: 5.0 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
PCB-1016	167	87.1	52	48 - 113	
PCB-1260	167	134	80	62 - 117	

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	47	39 - 115
DCB Decachlorobiphenyl	88	47 - 116

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: URS Corporation

Job Number: 500-5327-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 500-19180

Method: 8082
Preparation: 3541

MS Lab Sample ID:	500-5327-3	Analysis Batch: 500-19713	Instrument ID: HP 6890N GC
Client Matrix:	Solid	Prep Batch: 500-19180	Lab File ID: 07300731_163.d
Dilution:	1.0		Initial Weight/Volume: 15.0171 g
Date Analyzed:	08/01/2007 1302		Final Weight/Volume: 5.0 mL
Date Prepared:	07/24/2007 1645		Injection Volume:
			Column ID: PRIMARY
MSD Lab Sample ID:	500-5327-3	Analysis Batch: 500-19713	Instrument ID: HP 6890N GC
Client Matrix:	Solid	Prep Batch: 500-19180	Lab File ID: 07300731_164.d
Dilution:	1.0		Initial Weight/Volume: 15.2211 g
Date Analyzed:	08/01/2007 1316		Final Weight/Volume: 5.0 mL
Date Prepared:	07/24/2007 1645		Injection Volume:
			Column ID: PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
PCB-1016	68	76	48 - 113	11	30		
PCB-1260	70	74	62 - 117	4	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Tetrachloro-m-xylene	85	94	39 - 115
DCB Decachlorobiphenyl	79	79	47 - 116

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: URS Corporation

Job Number: 500-5327-1

Method Blank - Batch: 500-18875

Method: 6010B
Preparation: 3050B

Lab Sample ID: MB 500-18875/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 07/21/2007 1420
Date Prepared: 07/19/2007 1730

Analysis Batch: 500-19023
Prep Batch: 500-18875
Units: mg/Kg

Instrument ID: TJA ICAP 61E Trace Analy
Lab File ID: P50721A
Initial Weight/Volume: 1.0000 g
Final Weight/Volume: 100 mL

Analyte	Result	Qual	MDL	RL
Arsenic	1.0	U	0.27	1.0
Barium	1.0	U	0.44	1.0
Cadmium	0.20	U	0.060	0.20
Chromium	0.17	J	0.11	1.0
Lead	0.50	U	0.24	0.50
Selenium	1.0	U	0.38	1.0
Silver	0.13	J	0.10	0.50

Lab Control Spike - Batch: 500-18875

Method: 6010B
Preparation: 3050B

Lab Sample ID: LCS 500-18875/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 07/21/2007 1424
Date Prepared: 07/19/2007 1730

Analysis Batch: 500-19023
Prep Batch: 500-18875
Units: mg/Kg

Instrument ID: TJA ICAP 61E Trace Analy
Lab File ID: P50721A
Initial Weight/Volume: 1.0000 g
Final Weight/Volume: 100 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Arsenic	10.0	9.17	92	80 - 120	
Barium	200	197	99	80 - 120	
Cadmium	5.00	4.84	97	80 - 120	
Chromium	20.0	19.8	99	80 - 120	
Lead	10.0	9.70	97	80 - 120	
Selenium	10.0	9.32	93	80 - 120	
Silver	5.00	4.65	93	80 - 120	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: URS Corporation Job Number: 500-5327-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 500-18875

Method: 6010B
Preparation: 3050B

MS Lab Sample ID:	500-5327-14	Analysis Batch: 500-19023	Instrument ID: TJA ICAP 61E Trace
Client Matrix:	Solid	Prep Batch: 500-18875	Lab File ID: P50721A
Dilution:	1.0		Initial Weight/Volume: 1.0883 g
Date Analyzed:	07/21/2007 1604		Final Weight/Volume: 100 mL
Date Prepared:	07/19/2007 1730		

MSD Lab Sample ID:	500-5327-14	Analysis Batch: 500-19023	Instrument ID: TJA ICAP 61E Trace Analy
Client Matrix:	Solid	Prep Batch: 500-18875	Lab File ID: P50721A
Dilution:	1.0		Initial Weight/Volume: 1.0086 g
Date Analyzed:	07/21/2007 1609		Final Weight/Volume: 100 mL
Date Prepared:	07/19/2007 1730		

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Arsenic	96	95	75 - 125	7	20		
Barium	96	98	75 - 125	10	20		
Cadmium	91	94	75 - 125	11	20		
Chromium	107	105	75 - 125	4	20	B	
Lead	94	90	75 - 125	2	20		
Selenium	90	94	75 - 125	12	20		
Silver	89	89	75 - 125	8	20	B	

Duplicate - Batch: 500-18875

Method: 6010B
Preparation: 3050B

Lab Sample ID:	500-5327-14	Analysis Batch: 500-19023	Instrument ID: TJA ICAP 61E Trace Analy
Client Matrix:	Solid	Prep Batch: 500-18875	Lab File ID: P50721A
Dilution:	1.0	Units: mg/Kg	Initial Weight/Volume: 1.1127 g
Date Analyzed:	07/21/2007 1600		Final Weight/Volume: 100 mL
Date Prepared:	07/19/2007 1730		

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Arsenic	1.1	U	0.770	NC	20	J
Barium	8.2		7.07	15	20	
Cadmium	0.21	U	-0.0892	NC	20	U
Chromium	5.5		6.44	16	20	
Lead	8.5		9.08	7	20	
Selenium	1.1	U	0.185	NC	20	U
Silver	0.54	U	-0.0139	NC	20	U

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: URS Corporation

Job Number: 500-5327-1

Method Reporting Limit Check - Batch: 500-19102

Method: 6010B
Preparation: N/A

Lab Sample ID: MRL 500-19102/27
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 07/23/2007 2219
Date Prepared: N/A

Analysis Batch: 500-19102
Prep Batch: N/A
Units: mg/L

Instrument ID: TJA ICAP 61E Trace Analy
Lab File ID: P50723A
Initial Weight/Volume: mL
Final Weight/Volume: 1 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cadmium	0.00200	0.00227	114	80 - 120	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: URS Corporation

Job Number: 500-5327-1

Method Reporting Limit Check - Batch: 500-19533

Method: 6010B
Preparation: N/A

Lab Sample ID: MRL 500-19533/17
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 07/30/2007 1042
Date Prepared: N/A

Analysis Batch: 500-19533
Prep Batch: N/A
Units: mg/L

Instrument ID: TJA ICAP 61E Trace Analy
Lab File ID: P40730A
Initial Weight/Volume: mL
Final Weight/Volume: 1 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Arsenic	0.0100	0.0115	115	80 - 120	
Barium	0.0100	0.0102	102	80 - 120	
Cadmium	0.00200	0.00217	109	80 - 120	
Chromium	0.0100	0.0104	104	80 - 120	
Lead	0.00500	0.00427	85	80 - 120	J
Selenium	0.0100	0.00966	97	80 - 120	J
Silver	0.00500	0.00531	106	80 - 120	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: URS Corporation Job Number: 500-5327-1

Method Blank - Batch: 500-19409

Method: 7471A
Preparation: 7471A

Lab Sample ID: MB 500-19409/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 07/26/2007 1346
Date Prepared: 07/25/2007 1300

Analysis Batch: 500-19374
Prep Batch: 500-19409
Units: mg/Kg

Instrument ID: Leeman Labs PS200 Mercu
Lab File ID: N/A
Initial Weight/Volume: 0.6 g
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Mercury	0.017	U	0.0053	0.017

Lab Control Spike - Batch: 500-19409

Method: 7471A
Preparation: 7471A

Lab Sample ID: LCS 500-19409/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 07/26/2007 1348
Date Prepared: 07/25/2007 1300

Analysis Batch: 500-19374
Prep Batch: 500-19409
Units: mg/Kg

Instrument ID: Leeman Labs PS200 Mercu
Lab File ID: N/A
Initial Weight/Volume: 0.6 g
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.167	0.168	101	80 - 120	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 500-19409

Method: 7471A
Preparation: 7471A

MS Lab Sample ID: 500-5327-14
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 07/26/2007 1430
Date Prepared: 07/25/2007 1300

Analysis Batch: 500-19374
Prep Batch: 500-19409

Instrument ID: Leeman Labs PS200 Mer
Lab File ID: N/A
Initial Weight/Volume: 0.6 g
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 500-5327-14
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 07/26/2007 1432
Date Prepared: 07/25/2007 1300

Analysis Batch: 500-19374
Prep Batch: 500-19409

Instrument ID: Leeman Labs PS200 Mercu
Lab File ID: N/A
Initial Weight/Volume: 0.6 g
Final Weight/Volume: 50 mL

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Mercury	91	94	75 - 125	2	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: URS Corporation

Job Number: 500-5327-1

Duplicate - Batch: 500-19409

Method: 7471A
Preparation: 7471A

Lab Sample ID: 500-5327-14
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 07/26/2007 1424
Date Prepared: 07/25/2007 1300

Analysis Batch: 500-19374
Prep Batch: 500-19409
Units: mg/Kg

Instrument ID: Leeman Labs PS200 Mercu
Lab File ID: N/A
Initial Weight/Volume: 0.6 g
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Mercury	0.034	0.0355	5	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: URS Corporation

Job Number: 500-5327-1

Duplicate - Batch: 500-18798

Method: PercentMoisture
Preparation: N/A

Lab Sample ID: 500-5327-14
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 07/19/2007 0213
Date Prepared: N/A

Analysis Batch: 500-18798
Prep Batch: N/A
Units: %

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume:

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	9.3	8.78			
Percent Solids	91	91.2	1	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

8A

VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 010306_SLO

Lab File ID (Standard): 6I1120F Date Analyzed: 11/20/06

Instrument ID: MS06 Time Analyzed: 1306

Matrix:(soil/water) SOIL Level:(low/med) LOW Column:(pack/cap) CAP

		IS1 AREA #	RT	IS2(DFB) AREA #	RT	IS3(CBZ) AREA #	RT
	12 HOUR STD	510657	3.72	656803	4.32	558427	6.86
	UPPER LIMIT	1021314	4.22	1313606	4.82	1116854	7.36
	LOWER LIMIT	255329	3.22	328402	3.82	279214	6.36
	EPA SAMPLE NO.						
01	MB	386312	3.73	529517	4.32	458820	6.87
02	LCS	403408	3.73	548904	4.32	481250	6.87
03	VPBH-24	409476	3.73	553593	4.32	465519	6.87
04	VPBH-25	407150	3.73	561713	4.32	491363	6.87
05							
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22							

IS1 = Pentafluorobenzene
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

8A

VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 010306_SLO

Lab File ID (Standard): 6I1120F Date Analyzed: 11/20/06

Instrument ID: MS06 Time Analyzed: 1306

Matrix:(soil/water) SOIL Level:(low/med) LOW Column:(pack/cap) CAP

		IS4(DCB) AREA #	RT	AREA #	RT	AREA #	RT
	12 HOUR STD	327117	9.09				
	UPPER LIMIT	654234	9.59				
	LOWER LIMIT	163559	8.59				
	EPA SAMPLE NO.						
01	MB	257194	9.10				
02	LCS	282151	9.10				
03	VPBH-24	282058	9.10				
04	VPBH-25	298403	9.10				
05							
06							
07							
08							
09							
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22							

IS4 (DCB) = 1,4-Dichlorobenzene-d4

UPPER LIMIT = +100% of internal standard area.

Column used to flag internal standard area values with an asterisk.

8A

VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 010306

Lab File ID (Standard): 19I0709C Date Analyzed: 07/09/07

Instrument ID: MS19 Time Analyzed: 1201

Matrix:(soil/water) SOIL Level:(low/med) LOW Column:(pack/cap) CAP

		IS1 AREA #	RT	IS2(DFB) AREA #	RT	IS3(CBZ) AREA #	RT
	12 HOUR STD	485602	4.13	754498	4.74	565787	7.33
	UPPER LIMIT	971204	4.63	1508996	5.24	1131574	7.83
	LOWER LIMIT	242801	3.63	377249	4.24	282894	6.83
	EPA SAMPLE NO.						
01	LCS	523647	4.13	826615	4.74	629098	7.34
02	MB	470564	4.13	728190	4.74	577200	7.34
03	VPBH-27	501977	4.13	796060	4.74	596483	7.34
04	VBPH-27	480027	4.13	790376	4.74	602873	7.33
05	VBPH-7	494923	4.13	801662	4.74	619987	7.33
06	VPBH-26	447814	4.13	692768	4.74	440383	7.33
07	VPBH-28	474712	4.13	751783	4.74	580671	7.33
08	VPBH-29	447936	4.13	695229	4.74	469009	7.34
09	VPBH-H3DUP	451356	4.13	720055	4.74	553825	7.34
10	VPBH-STEEL	414355	4.13	644470	4.74	417766	7.34
11	VPBH-29A	473302	4.13	752246	4.74	581960	7.34
12	VPBH-H2	295876	4.13	526492	4.74	257923*	7.33
13	VPBH-V3	428700	4.13	659783	4.74	418906	7.34
14	VPBH-H3	454905	4.13	702834	4.74	457267	7.33
15	VPBH-H2A	353516	4.13	554986	4.74	257589*	7.34
16	LCSD	477089	4.13	767088	4.74	593663	7.33
17							
18							
19							
20							
21							
22							

IS1 = Pentafluorobenzene
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

8A

VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: 010306

Lab File ID (Standard): 19I0709C Date Analyzed: 07/09/07

Instrument ID: MS19 Time Analyzed: 1201

Matrix:(soil/water) SOIL Level:(low/med) LOW Column:(pack/cap) CAP

		IS4(DCB) AREA #	RT	AREA #	RT	AREA #	RT
	12 HOUR STD	207222	9.58				
	UPPER LIMIT	414444	10.08				
	LOWER LIMIT	103611	9.08				
	EPA SAMPLE NO.						
01	LCS	231190	9.58				
02	MB	215033	9.58				
03	VPBH-27	192433	9.58				
04	VBPH-27	221138	9.58				
05	VBPH-7	224347	9.58				
06	VPBH-26	97984*	9.58				
07	VPBH-28	196881	9.58				
08	VPBH-29	117313	9.58				
09	VPBH-H3DUP	181579	9.58				
10	VPBH-STEEL	98614*	9.58				
11	VPBH-29A	193276	9.58				
12	VPBH-H2	43063*	9.58				
13	VPBH-V3	86305*	9.58				
14	VPBH-H3	95563*	9.58				
15	VPBH-H2A	38035*	9.58				
16	LCSD	223749	9.58				
17							
18							
19							
20							
21							
22							

IS4 (DCB) = 1,4-Dichlorobenzene-d4 UPPER LIMIT = +100% of internal standard area.

Column used to flag internal standard area values with an asterisk.

8B

SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: STL-CHICAGO Contract:

Lab Code: 57222 Case No.: SAS No.: SDG No.: 5327

Lab File ID (Standard): 2010710D Date Analyzed: 07/10/07

Instrument ID: MS20 Time Analyzed: 1536

		IS1(DCB) AREA #	RT	IS2(NPT) AREA #	RT	IS3(ANT) AREA #	RT
	12 HOUR STD	162632	4.68	542101	5.61	291710	6.99
	UPPER LIMIT	325264	5.18	1084202	6.11	583420	7.49
	LOWER LIMIT	81316	4.18	271051	5.11	145855	6.49
	EPA SAMPLE NO.						
01	MB 500-18994	216673	4.28	780750	5.21	435657	6.55
02	LCS 500-1899	197300	4.28	724468	5.22	406376	6.56
03	500-5327-F-1	188100	4.28	671682	5.21	357164	6.55
04	500-5327 F-2	178916	4.28	634292	5.22	351715	6.55
05	500-5327-F-3	174062	4.28	612572	5.22	338224	6.55
06	500-5327-F-4	175627	4.28	637570	5.21	344167	6.55
07	500-5327-A-5	204173	4.28	738502	5.22	413005	6.56
08	500-5327-A-6	241411	4.28	900606	5.22	487505	6.56
09	500-5327-A-7	199065	4.28	720945	5.22	410000	6.56
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22							

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: STL-CHICAGO Contract:

Lab Code: 57222 Case No.: SAS No.: SDG No.: 5327

Lab File ID (Standard): 20I0710D Date Analyzed: 07/10/07

Instrument ID: MS20 Time Analyzed: 1536

		IS4(PHN) AREA #	RT	IS5(CRY) AREA #	RT	IS6(PRY) AREA #	RT
	12 HOUR STD	437453	8.20	467371	10.40	463479	11.66
	UPPER LIMIT	874906	8.70	934742	10.90	926958	12.16
	LOWER LIMIT	218727	7.70	233686	9.90	231740	11.16
	EPA SAMPLE NO.						
01	MB 500-18994	791335	7.75	830707	9.93	858570	11.04
02	LCS 500-1899	708142	7.76	615433	9.94	692035	11.05
03	500-5327-F-1	620699	7.75	375631	9.95	508628	11.08
04	500-5327-F-2	618328	7.75	514913	9.94	472331	11.06
05	500-5327-F-3	602758	7.75	545467	9.94	523180	11.06
06	500-5327-F-4	573658	7.76	454013	9.94	467452	11.07
07	500-5327-A-5	747525	7.76	612652	9.94	628204	11.06
08	500-5327-A-6	800268	7.77	480130	9.97	563859	11.09
09	500-5327-A-7	722192	7.76	489123	9.95	544099	11.07
10							
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20							
21							
22							

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

8B

SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: STL-CHICAGO Contract:

Lab Code: 57222 Case No.: SAS No.: SDG No.: 5327

Lab File ID (Standard): 20I0710D Date Analyzed: 07/10/07

Instrument ID: MS20 Time Analyzed: 1536

		IS1(DCB) AREA #	RT	IS2(NPT) AREA #	RT	IS3(ANT) AREA #	RT
	12 HOUR STD	162632	4.68	542101	5.61	291710	6.99
	UPPER LIMIT	325264	5.18	1084202	6.11	583420	7.49
	LOWER LIMIT	81316	4.18	271051	5.11	145855	6.49
	EPA SAMPLE NO.						
01	500-5327-F-1	208765	4.23	737288	5.16	398086	6.50
02	500-5327-F-1	207059	4.23	743846	5.16	397759	6.50
03	500-5327-F-1	228808	4.23	838224	5.16	451421	6.51
04	500-5327-F-1	228378	4.23	815635	5.16	438119	6.50
05	500-5327-F-1	229966	4.23	839698	5.16	459076	6.50
06	500-5327-A-8	234755	4.23	839035	5.16	467857	6.50
07	500-5327-F-1	197182	4.23	710487	5.16	371109	6.50
08	500-5327-F-1	196675	4.23	693406	5.16	373510	6.51
09	500-5327-F-1	190570	4.23	648577	5.16	333030	6.51
10	500-5327-F-1	187635	4.23	659229	5.16	366593	6.51
11	500-5327-F-2	205209	4.23	720953	5.16	409996	6.51
12	500-5327-A-7	175826	4.23	576565	5.16	301034	6.50
13							
14							
15							
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18							
19							
20							
21							
22							

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

8C

SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: STL-CHICAGO Contract:

Lab Code: 57222 Case No.: SAS No.: SDG No.: 5327

Lab File ID (Standard): 20I0710D Date Analyzed: 07/10/07

Instrument ID: MS20 Time Analyzed: 1536

		IS4(PHN) AREA #	RT	IS5(CRY) AREA #	RT	IS6(PRY) AREA #	RT
	12 HOUR STD	437453	8.20	467371	10.40	463479	11.66
	UPPER LIMIT	874906	8.70	934742	10.90	926958	12.16
	LOWER LIMIT	218727	7.70	233686	9.90	231740	11.16
	EPA SAMPLE NO.						
01	500-5327-F-1	700885	7.70	688413	9.88	717552	10.98
02	500-5327-F-1	706975	7.70	704748	9.88	904518	10.99
03	500-5327-F-1	823144	7.70	742531	9.89	1005755*	10.99
04	500-5327-F-1	774559	7.70	763962	9.89	883626	11.00
05	500-5327-F-1	849046	7.70	829912	9.88	908090	10.99
06	500-5327-A-8	769041	7.70	809400	9.88	883191	11.00
07	500-5327-F-1	597924	7.70	602556	9.89	683142	11.02
08	500-5327-F-1	583562	7.71	541945	9.89	593661	11.00
09	500-5327-F-1	563633	7.70	567233	9.88	616001	11.00
10	500-5327-F-1	611116	7.70	522216	9.89	590618	11.00
11	500-5327-F-2	697484	7.70	598566	9.88	632670	11.00
12	500-5327-A-7	453598	7.70	463474	9.88	452781	10.99
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

8B

SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: STL-CHICAGO Contract:

Lab Code: 57222 Case No.: SAS No.: SDG No.: 5327

Lab File ID (Standard): 20I0710D Date Analyzed: 07/10/07

Instrument ID: MS20 Time Analyzed: 1536

		IS1(DCB) AREA #	RT	IS2(NPT) AREA #	RT	IS3(ANT) AREA #	RT
	12 HOUR STD	162632	4.68	542101	5.61	291710	6.99
	UPPER LIMIT	325264	5.18	1084202	6.11	583420	7.49
	LOWER LIMIT	81316	4.18	271051	5.11	145855	6.49
	EPA SAMPLE NO.						
01	500-5327-A-9	178074	4.16	612289	5.09	304952	6.43
02	500-5327-A-1	192565	4.17	655551	5.09	310241	6.42
03	500-5327-F-1	183062	4.17	613866	5.09	307744	6.42
04	500-5327-F-1	183547	4.16	569518	5.09	261519	6.43
05	500-5327-F-1	182561	4.16	597331	5.09	294082	6.42
06							
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21							
22							

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

8C

SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: STL-CHICAGO Contract:

Lab Code: 57222 Case No.: SAS No.: SDG No.: 5327

Lab File ID (Standard): 20I0710D Date Analyzed: 07/10/07

Instrument ID: MS20 Time Analyzed: 1536

		IS4(PHN) AREA #	RT	IS5(CRY) AREA #	RT	IS6(PRY) AREA #	RT
	12 HOUR STD	437453	8.20	467371	10.40	463479	11.66
	UPPER LIMIT	874906	8.70	934742	10.90	926958	12.16
	LOWER LIMIT	218727	7.70	233686	9.90	231740	11.16
	EPA SAMPLE NO.						
01	500-5327-A-9	463705	7.62	483828	9.78	532010	10.88
02	500-5327-A-1	388396	7.62	375739	9.78	381668	10.88
03	500-5327-F-1	493400	7.62	369134	9.79	392754	10.88
04	500-5327-F-1	401250	7.62	414648	9.79	491829	10.89
05	500-5327-F-1	471712	7.62	457878	9.79	519121	10.89
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21							
22							

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

SEVERN TRENT **STL**

STL Chicago
2417 Bond Street
University Park, IL 60466
Phone: 708-534-5200
Fax: 708-534-5211

Report To:
Contact: Sarah Lukin
Company: VRS Corporation
Address: 100 S Wacker Drive
Chicago IL 60606
Phone: 312-939-1000
Fax: 312-939-4168
E-Mail:

Bill To:
Contact: same as rpt to
Company:
Address:
Phone:
Fax:
PO#: Quote:

Shaded Areas For Internal Use Only ____ of ____

Lab Lot# 500-5327

Package Sealed	Samples Sealed
(Yes) No	Yes (No)
Received on Ice	**Samples Intact**
(Yes) No	(Yes) No

Temperature °C of Cooler: (2.7) (2.4)

Within Hold Time	Preserv. Indicated
(Yes) No	(Yes) No NA
pH Check OK	**Res Cl_2 Check OK**
Yes No (NA)	Yes No (NA)

Sample Labels and COC Agree: (Yes) No — COC not present

Sampler Name: Jundiska Wilmore
Signature: Jundiska Wilmore
Project Name: Verma Property
Project Number: 25346.232.10000
Project Location: LaPorte IN
Lab PM: Rich Manne
Date Required Hard Copy: ___/___/___ Fax: ___/___/___

Laboratory ID	MS-MSD	Client Sample ID	Sampling Date	Sampling Time	Matrix	Comp/Grab	VOCs	SVOCs/Metals	Additional Analyses / Remarks
1		VPBH-V3	7/16/07	830	S	G	X	X	
2		VPBH-H3		900			X	X	
3		VPBH-H2A		915			X	X	
4		VPBH-H2		940			X	X	
5		VPSD-01		1435	SE			X	
6		VPSD-02		1510				X	
7		VPSD-03		1535				X	
8		VPSD-04		1600				X	
9		VPSD-05		1620				X	
10		VPSD-06	↓	1645	↓			X	
11		VPBH-24	7/17/07	835	S		X	X	
12		VPBH-25	7/17/07	855	S	↓	X	X	

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RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
Jundiska Wilmore	VRS Corp	7/17/07	1800	JLA	TestAmerica	7/18/07	0925
RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME

Matrix Key
WW = Wastewater, W = Water, S = Soil, SL = Sludge, MS = Miscellaneous, OL = Oil, A = Air, SE = Sediment, SO = Solid, DS = Drum Solid, DL = Drum Liquid, L = Leachate, WI = Wipe, O = ____

Container Key
1. Plastic
2. VOA Vial
3. Sterile Plastic
4. Amber Glass
5. Widemouth Glass
6. Other ____

Preservative Key
1. HCl, Cool to 4°
2. H2SO4, Cool to 4°
3. HNO3, Cool to 4°
4. NaOH, Cool to 4°
5. NaOH/Zn, Cool to 4°
6. Cool to 4°
7. None

COMMENTS

Date Received 7/18/07
Courier: FX **Hand Delivered**
Bill of Lading see attached

SEVERN TRENT **STL**

STL Chicago
2417 Bond Street
University Park, IL 60466
Phone: 708-534-5200
Fax: 708-534-5211

Report To:
Contact: Sarah Rubin
Company: URS Corporation
Address: 100 S. Wacker Dr
Chicago, IL 60606
Phone: (312) 939-1000
Fax: (312) 939-4198
E-Mail:

Bill To:
Contact: Same as rpt to
Company:
Address:
Phone:
Fax:
PO#: Quote:

Shaded Areas For Internal Use Only ____ of ____

Lab Lot# 500-5327

Package Sealed	Samples Sealed
Yes No	Yes No
Received on Ice	**Samples Intact**
Yes No	Yes No

Temperature °C of Cooler

Within Hold Time	Preserv. Indicated
Yes No	Yes No NA
pH Check OK	**Res Cl_2 Check OK**
Yes No NA	Yes No NA

Sample Labels and COC Agree
Yes No COC not present

Sampler Name: Junaluska Williams
Signature:
Project Name: Verma Property
Project Number: 25366232.10000
Project Location: LaPorte, IN
Lab PM: Rich Manne
Date Required
Hard Copy: ___/___/___
Fax: ___/___/___

Refrg #												
# / Cont.												
Volume												
Preserv												

Laboratory ID	MS-MSD	Client Sample ID	Sampling Date	Sampling Time	Matrix	Comp/Grab	VOCs	SVOCs/metals	Additional Analyses / Remarks
13		VPBH-26	7/17/07	925	S	G	X	X	
14		VPBH-27	7/17/07	1135	S	G	X	X	
15		VPBH-28	7/17/07	1225	S	G	X	X	
16		VPBH-29	7/17/07	1305	S	G	X	X	
14		VPBH-27MS	7/17/07	1135	S	G	X	X	
1		VPBH-27MSD	7/17/07	1135	S	G	X	X	
17		VPBH-H3DUP	7/17/07	900	S	G	X	X	
18		VPBH-STEEL	7/16/07	1010	S	G	X	X	
19		VPBH-29A	7/17/07	1310	S	G	X	X	

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RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
	URS Corp	7/17/07	1806		Lotthimer LCR	7/18/07	0925
RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME

Matrix Key
WW = Wastewater, W = Water, S = Soil, SL = Sludge, MS = Miscellaneous, OL = Oil, A = Air, SE = Sediment, SO = Solid, DS = Drum Solid, DL = Drum Liquid, L = Leachate, WI = Wipe, O = ____

Container Key
1. Plastic
2. VOA Vial
3. Sterile Plastic
4. Amber Glass
5. Widemouth Glass
6. Other ____

Preservative Key
1. HCl, Cool to 4°
2. H2SO4, Cool to 4°
3. HNO3, Cool to 4°
4. NaOH, Cool to 4°
5. NaOH/Zn, Cool to 4°
6. Cool to 4°
7. None

COMMENTS

Date Received 7/18/07
Courier: FX **Hand Delivered**
Bill of Lading

Mannz, Rich

From: Junaluska_Williams@URSCorp.com
Sent: Friday, July 20, 2007 2:05 PM
To: Mannz, Rich
Subject: Re: Files from 500-5327-1 LaPorte

please add PCBs to the following samples:

VPBH-V3
VPBII-II2A
VPBH-H3
VPBH-H2
VPBH-STEEL

THANKS!

LOGIN SAMPLE RECEIPT CHECK LIST

Client: URS Corporation

Job Number: 500-5327-1

Login Number: 5327

Question	T/F/NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	2.7,2.4
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	NA	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	