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Report

General Motors Corporation
Great Lakes Tech. Center
Die Storage Lot
Site Investigation

Remediation and Liability Management Company, Inc.
Pontiac, Michigan

Scott L. Cormier, P.E.
Senior Managing Engineer

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O'BRIEN & GERE

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1. Introduction

Remediation and Environmental Liability Company, Inc. (REALM), a wholly owned subsidiary of General Motors Corporation (GM), contracted O'Brien & Gere Engineers, Inc. (O'Brien & Gere) to implement and report the results of an investigation at the Die Storage Lot (DSL), located on the corner of South Saginaw Street and Atherton Road in Flint, Michigan. The location of the DSL is depicted on **Figure 1.**

The site investigation was conducted in response to the Michigan Department of Environmental Quality (MDEQ) comments on the Remedial Action Plan (RAP) for Limited Industrial Closure of the DSL submitted to the MDEQ in November 2002. In their correspondence (MDEQ, March 24, 2003), the MDEQ requested:

- the completion of the Remedial Investigation to fully delineate the horizontal and vertical extent of soil and groundwater impacts at the site including the onsite storm water retention basin, the possible pathway of onsite sewers, and offsite areas identified in the 1991 geophysical investigation, and

- the installation of additional monitoring wells to provide ground water flow diagrams (i.e., contour maps) showing ground water monitoring points are downgradient of fill areas.

The site investigation was performed to address these issues in accordance with the methods outlined in the Work Plan (O'Brien & Gere, August 2004) and the REALM Field Method Guidelines, November 2001 (FMGs). The investigation was also conducted in accordance with the specific Health and Safety Plan (HASP) and Quality Assurance Project Plan (QAPP) included in the Work Plan. The purpose of this Site Investigation Report is to document the activities implemented and the results of the investigation and analytical activities performed at the DSL. The DSL site is depicted on the Site Layout Map included as **Figure 2**. This Report includes a discussion of the methods implemented during the DSL investigation sampling tasks, the results of the investigation sampling activities, and conclusions and recommendations for the DSL.

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2. Site Background and Setting

2.1. Site Description

The DSL is located at the northwest corner of the South Saginaw Street and Atherton Avenue intersection in Genesee County, Flint, Michigan. The DSL is located within Section 19 of Township 7 North, Range 7 East. A Site Location Map is included as **Figure 1** and a figure depicting the Site Layout is included as **Figure 2**. The DSL is approximately 11.5 acres in size and is presently leased for the storage of new automobiles. The DSL is bounded to the north by the former Chesapeake and Ohio Railroad tracks, on the east by a former continuation of the tracks and South Saginaw Street, on the west by undeveloped property and a Church and on the south by Atherton Road.

The former use of the DSL was as a die storage area and an employee parking lot. Goldberg-Zoino & Associates, Inc. (GZA) interpreted a 1923 topographic map of the DSL and concluded a ravine was formerly present on the northern and western portion of the DSL. As a result, a portion of the DSL was filled (GZA speculated up to 8 ft) to bring this area up to grade. GZA reported the fill might have included waste materials from the industrial processes performed at the manufacturing facility.

2.2. Aerial Photographs and Historic Topographic Maps

GZA reviewed a 1923 map of the DSL area, which indicated a former ravine, existed on the northern portion of the DSL site. This ravine was previously filled to bring the ground surface up to present grade. According to GZA's interviews with GM personnel who worked at the facility, this fill may have included waste materials from the industrial processes performed at the facility. GM personnel also indicated the filling of the ravine most likely occurred prior to the 1950s.

A summary of the available aerial photographs and topographic maps were reviewed to assess this ravine. Documents that aided in assessing the ravine included aerial photographs from 1941, 1950, 1964, 1972, 1982, and 1997 and topographic maps from 1922, 1969, and 1975. A copy of these documents is provided in **Appendix A** and discussed herein.

Visible features in the 1941 aerial photograph include the railroad tracks to the north and west of the site, Atherton and South Saginaw Streets, and the GM Plant to the south. The site appears level with very limited parking on the southeastern corner of the site. In the 1950, 1964 and

1972 aerial photographs, the site appears similar to the 1941 aerial photograph except that parking area has been expanded and comprises the southern half of the property. Interstate I-475 is under construction in the 1972 aerial photograph. In the 1982 and 1997 aerial photographs, the site features are similar to previous aerial photographs except the die storage area is visible to the north of the parking lot (i.e., parking lot encompasses the southern half of the property) and Interstate I-475 is visible to the east of the site. Additionally, in the 1997 aerial photograph, the railroad tracks appear to have been removed to the north and west of the site.

In the 1922 topographic map, visible features include the railroad tracks to the north of the site, Atherton and South Saginaw Streets to the south and east, and vacant land to the south beyond Atherton (i.e., the GM plant has not been constructed). Grand Traverse street is also visible to the west. There is an approximately 10-foot elevation difference across the site with the 750-foot contour line (i.e., ravine) depicted through the middle of the site (i.e., northeast trend). In the 1969 and 1975 topographic maps, the number of railroad tracks have increased to the north and a railroad spur is depicted to the west of the property, Atherton and South Saginaw Streets are depicted, and the GM plant is also depicted to the south. The site appears level with no development indicated. The area formerly depicting the 750 contour line ravine is backfilled (i.e., site is relatively level) and the 750-foot contour ravine is now depicted to the northwest at the junction of the railroad spur and northern railroad tracks.

This indicates backfilling of the ravine occurred between 1922 and 1941 and the extent of the backfilling operation is limited by the pre-existing area features as follows:

- Northern extent – railroad tracks because they were placed prior to the backfilling operation or the construction of the GM plant. There is also an elevation grade between the DSL site boundary and the railroad track property. The railroad track property is at an elevation of approximately 8 feet lower than the DSL site property. However, the railroad tracks have expanded over time. There is, therefore, a remote possibility that some of the tracks that abut the DSL site could have been constructed over fill material. Any filling to the north of the DSL site should be minimal.

- Southern extent – Atherton Road because it was visible prior to the backfilling operation or the construction of the GM plant.

- Eastern extent – South Saginaw Street because it was visible prior to the backfilling operation or the construction of the GM plant.

- Western extent - Grand Traverse Street is visible to the west of the site. The 750-foot contour ravine is trending northeast and doesn't seem to have much of a western component. Therefore, there should be minimal backfilling operations off-site to the west.

2.3. Previous Site Investigations

A Phase I & II Environmental Site Assessment (Phase I & II ESA) was performed at the Flint Body Assembly Plant, including the DSL site by GZA from September through November 1987. Phase I & II assessments included a vadose zone monitoring program and a soil boring and monitoring well installation program.

Soil analytical results from Phase I & II soil borings (S-26, S-31, S-32, V-165 and V-169, **Figure 3**) and monitoring well MW-7 (**Figure 4**) indicated elevated concentrations of VOCs in the soil samples from S-26 and MW-7 and non-detectable concentrations in the remaining borings (**Table 1**). The majority of the VOCs, consisting of aromatic and chlorinated compounds, were present in the near surface soil samples and generally decreased with depth. Methylene chloride at MW-7 was the only VOC detected above the current industrial drinking water (DW) protection criteria. Metals analytical results from the Phase I & II investigation indicated concentrations were below the current DW protection criteria (**Table 2**), with the exception of arsenic and lead.

Although arsenic was not considered elevated in the original Phase I & II report, due to changes in the Michigan criteria for arsenic since the original report was prepared, arsenic levels in the Phase I & II soil borings are now considered above the current DW protection criteria, but below the ground water to surface water protection criteria. Furthermore, seven of the fifteen soil samples collected for arsenic during the Phase I & II ESA were equal to or below the current Michigan state-wide background criteria. The highest concentrations of arsenic were detected in the soil samples from the boring for monitoring well MW-7.

Ground water analytical results from MW-7 indicated a single chlorinated hydrocarbon (trans-1,2- dichloroethene at a concentration of 0.074 mg/L) was the only VOC detected in the monitoring wells at the site (i.e., MW-7 and MW-10 through MW-13) during the Phase I & II assessments (i..e, in 1987). Ground water analytical results for the sample collected during the drilling of S-26 indicated concentrations of VOCs were below analytical method detection limits. The detections of dissolved metals were below their respective (current) DW criteria, including arsenic (even at MW-7).

A Phase III & IV Environmental Site Assessment (Phase III & IV) was performed at the DSL by GZA from February through May 1988 to further assess:

- the approximate thickness of fill material,
- the impact of metals present in the fill material,
- the impact of VOCs in the fill material, and
- gather additional ground water data on perimeter monitoring wells.

Twenty borings (SB-101 through SB-120) were installed primarily in the western and northern portions of the DSL to assess the presence of subsurface fill material during the Phase III ESA (**Figure 3**). Soil samples collected were collected at about 5-ft intervals and were analyzed for VOCs and select total metals. Additional soil borings were installed to further assess the extent of VOCs and metal impacts during the Phase IV ESA. GZA also collected PCB soil samples from eight of the soil borings, and collected ground water samples from the four perimeter monitoring wells (MW-7 and MW-10 through MW-13, **Figure 4**) for VOC analysis.

GZA observed a white material, which may be calcium hydroxide, a by-product of acetylene manufacturing, in several borings. Soil analytical results indicated low detection of aromatic hydrocarbons and higher concentrations of chlorinated hydrocarbons (**Table 1**). Elevated VOC concentrations were observed in some of the soil samples collected during the Phase III & IV, in particular in SB-108, but also in SB-108-10, SB-112, SB-112-14 and SB-113 located in the north-central portion of the site.

Metals concentrations exceeded the DW protection criteria for barium and/or lead at five locations (**Table 2**). However, none of the samples exhibited concentrations in excess of their respective hazardous waste criteria. PCBs were not detected in the soil samples.

Ground water analytical results from the four perimeter monitoring wells indicated the presence of dichloroethene at 33 ug/L in MW-7 and acetone at 15 ug/L in MW-7 and 24 ug/L in MW-13, which are below their respective DW criteria.

Pertinent excerpts from the Environmental Site Assessment Reports regarding activities at the DSL are included in the Work Plan appendices.

2.3.1. Ground Water Monitoring Results

Substances of potential concern (SOPCs) in ground water are identified as substances for which detected concentrations exceed the DW criteria. Based on this comparison, SOPCs were not initially identified in the ground water samples from the monitoring wells at the DSL. However, a ground water monitoring program was instituted in April 1995. Under this program, ground water sampling and analyses of VOCs, dissolved barium, dissolved lead and dissolved zinc was performed on a quarterly basis through March 2004. Furthermore, additional parameters analyzed on an annual basis included dissolved arsenic, dissolved cadmium, dissolved copper, dissolved chromium, dissolved mercury, dissolved selenium and dissolved silver from 2001 through 2004. Since monitoring was implemented in 1995, a few VOCs and dissolved metals have been detected above the DW criteria. However, these substances have not been detected above their respective DW criteria since at least 2000 for monitoring well MW-12. Trimethylbenzenes and vinyl chloride were the only VOCs detected above their respective DW criteria in MW-7 and have been detected sporadically. A summary of the quarterly ground

water analytical results compared to DW criteria is included in **Tables 3, 3a and 4**. Arsenic, which was monitored annually, has never been detected above its DW criteria, not even in MW-7, which exhibited the highest arsenic results in soils.

2.4. Nature and Extent of Fill Material

Based on the aerial photographs, topographic maps, GZA reports including the geophysical survey, and previous site information, O'Brien & Gere assessed the nature and extent of fill material on the DSL site. A figure depicting the aerial extent and approximate thickness of the fill material observed at the DSL is included as Figure 5.3 in the report included in the Work Plan appendices. GZA concluded that the fill material depth is distributed irregularly across the DSL and is relatively consistent with the reported former location of the ravine. Fill depths exceed more than 10 ft in some locations primarily along the northern boundary and average approximately 6 ft across the DSL site. Based on the fill depths observed during the Phase I through IV assessments, GZA estimated the approximate volume of fill in the DSL was approximately 50,000 cubic yards. See Section 4.2 for a discussion of the fill material as a result of the site investigation findings.

2.5. November 2002 Remedial Action Plan and March 24, 2003 MDEQ Correspondence

A Remedial Action Plan (RAP) for a Limited Industrial Closure for the DSL was submitted to the MDEQ in November 2002. The RAP presented information collected at the DSL site. The objective of the RAP was to present information that supports the closure of the DSL under the MDEQ Limited Industrial category.

The MDEQ reviewed and commented on the November 2002 RAP for the DSL site (MDEQ March 24, 2003 correspondence – **Appendix B**), which included the need for additional site investigation activities as discussed in Section 1.

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3. Field Sampling Activities

This section summarizes the specific field sampling procedures utilized during implementation of the DSL Investigation. The procedures utilized were in accordance with the REALM FMGs and the Work Plan (O'Brien & Gere, 2004).

3.1. Access Agreements

An access agreement for one private property was obtained because investigation activities were conducted west of the DSL. O'Brien & Gere provided assistance to REALM with obtaining the associated off-site agreement and was obtained prior to field mobilization.

3.2. Utility Survey and Clearance

An underground utility survey of the DSL was performed prior to performing the investigation to assist in placing sample locations, determine the potential discharge of the former die storage pad and locate potential migration pathways. This survey included reviewing existing GM files, gathering information from public utility companies, and reviewing the City of Flint records. **Figure 5** illustrates the location of known utilities and other site features at the site.

Utility clearance was performed in advance of field activities that penetrate the ground surface (i.e., soil borings, well installations). Information regarding underground utilities and structures was obtained and reviewed prior to marking the proposed soil boring and ground water monitoring well locations. The site was visually inspected and documented for physical evidence of buried lines or structures, including pavement cuts and patches, variation in or lack of vegetation, variations in grading, etc. utilizing this information.

Overhead utilities were observed and noted. Minimum clearance requirements were evaluated prior to installing soil borings or ground water monitoring wells beneath overhead utility lines. Proposed soil boring and ground water monitoring well locations were marked in the field using spray paint in accordance with FMG 1.3.

3.3. Retention Basin Deactivation, Inspection and Assessment

Samples were collected from the oil/water mixture in the retention basin and the oil/water separator and analyzed for waste characterization parameters. Analytical results indicated the oil/water mixture was non-hazardous and non-regulated waste. **Appendix F** provides the waste characterization analytical results.

Prior to the removal of the oil/water from the basin, the oil/water separator storage tank was removed and processed for recycling as scrap metal. The storage tank was empty and did not require pumping or removal of bottom materials because there simply were not any contents (i.e., the tank was clean when it was removed). The oil/water storage tank, related piping, and all oil skimmer equipment, and the concrete containment was removed and recycled. Broken concrete was removed, crushed and brought back to the site for use as clean backfill to fill the tank area excavation cause by the removal of the tank and associated concrete saddle and containment system. After the tank was removed a visual inspection of the soil and the area was conducted. There were no indications of visible staining/impacts or odors.

Following removal of the oil/water storage tank and related piping/equipment, the oil/water mixture was pumped out of the retention basin and disposed of at the EQ Detroit facility. Heavier sediments, which had filled in part of the oil/water separator pit within the retention basin were removed with a backhoe and were loaded into roll-off containers and disposed of as solids at the EQ Detroit facility. The shallow private storm water piping leading to the retention basin was also cleaned to remove oil/water and sediments. Following, removal of the oil/water mixture and sediments within the retention basin, the basin was steam-cleaned using a citrus-based cleaner, which was subsequently pumped out and disposed of along with the oil/water mixture at the EQ Detroit facility. Disposal manifest are included in **Appendix F**.

After thoroughly cleaning the basin, the basin was inspected and photographically documented (**Appendix G**). The basin was in good conditions.

During the inspection of the retention basin after the dewatering/sediment cleanout, five retention basin pipe drains were discovered. These drain lines were designed for a cap to eliminate water from escaping the basin. One of the pipes did not have the cap. The tube was filled with sludge. As a precautionary measure the drain was removed by coring over it and a hand auger boring (HA-1) was conducted beneath the floor of the retention basin. Soil samples were collected from 0 to 1 ft and 4 to 5 ft beneath the floor of the retention basin and were analyzed for VOCs, poly-nuclear aromatic hydrocarbons (PNAs) and metals. **Tables 6 and 6a** provide the results of the soil sampling at HA-1. Soil samples were screened with a photoionization detector (PID) to monitor the presence of volatile organic compounds. The PID readings indicated the VOCs were not present. Analytical

results indicate there are no concerns above the Industrial/Commercial criteria.

The retention basin was also assessed by installing four soil borings (OBG-208, OBG-214, OBG-215 and OBG-225) and four monitoring wells (OBG-MW-16, OBG-MW-17, OBG-MW-21 and OBG-MW-22) along the perimeter of the basin (**Figures 3 and 4**). Boring and monitoring well installation and sampling activities are discussed in the following sections.

3.4. Subsurface Soil Sampling

O'Brien & Gere installed 26 soil borings (OBG-200 through OBG-225) to a depth of 20 feet below grade (i.e., ground surface, fbg) to evaluate potential subsurface impacts near the on-site retention basin, former die storage pad and off-site fill areas. Numerous borings were previously advanced on the property as discussed in Section 2 of this report and are depicted on **Figure 3**. This previous data coupled with the MDEQ March 24, 2003 comments on the November 2002 RAP aided in boring placement.

The soil borings were located to assess the following specific issues:

- Borings 208, 214,215, and 225 were placed to assess the ground water quality in the vicinity of the on-site retention basin.
- Borings 216 through 221 were placed to assess the western extent of fill material.
- Borings 222 through 224 were placed to assess the southern extent of fill material.
- Boring 206 and 207 were placed within the fill material for spatial distribution.
- Borings 211 through 213 were placed within the geophysical anomaly on the northern property boundary (i.e., to assess the 1991 geophysical investigation results as requested by the DEQ March 24, 2003 letter).
- Borings 200 through 205 were placed in the southeastern corner of the property for spatial distribution.
- Borings 209 and 210 were placed on CSX property to the north to assess the northern limits of the fill material.

Soil borings were installed in accordance with the Work Plan and FMG 2.3. Field data was recorded in a field book and soil boring logs (**Appendix C**) during soil boring installation. Soil borings were installed using 4.25-inch inside diameter hollow stem auger and samples were collected using 5-foot long macro-core samplers. Subsurface soil samples were collected in accordance with FMG 6.1.

Macro-core samplers were cleaned, attached to the drill rods, and lowered into the borehole. After the sampler was lowered to the bottom of the borehole, it was advanced utilizing direct push techniques using

the hydraulic hammer as necessary to the terminus of the sample interval. The sampler was removed from the borehole, detached from the drill rods and opened. The sample length was measured and recorded and the upper and lower ends of the sample core were discarded (+/- 3 inches). The sample core was then screened using a photoionization detector (PID) to monitor for the presence of volatile organic compounds (VOCs).

The soil was then removed from the sampler, placed directly into a clean, pre-labeled, 8-ounce sample jar for analysis. VOC sub-samples were not homogenized and were taken using syringe-type coring devices and immediately transferred into pre-weighed VOC vials containing reagent grade methanol sufficient to obtain an estimated ratio of 1:1 in accordance with MDEQ Operational Memo #2 and U.S. EPA Method 5035. Samples were placed in a cooler with ice after collection and hand delivered to the laboratory via the laboratory's courier service.

The soil samples were submitted to the analytical laboratory for VOCs, lead and barium analysis using appropriate chain of custody and QA/QC procedures as described in the QAPP. A Level II analytical data package was prepared by the laboratory for the soil samples analyzed and a Level II partial data validation was performed on the data (**Appendix D**).

Investigation derived wastes were handled in accordance with the Work Plan as discussed in Section 3.7.

Further delineation was conducted within the north-central portion of the site to aid in the delineation of a potential "hot-spot" identified in the area around soil vapor extraction (SVE) well SVE-1. This was indicated in MDEQ's comments of the RAP. O'Brien & Gere installed six additional soil borings (OBG-226 through OBG-231) to a depth of 20 fbg to evaluate potiential subsurface impacts within the site area. The location of these borings are depicted on **Figure 3**. The above described sampling methods were followed for each boring and soil sample.

The soil samples were submitted to the analytical laboratory for VOCs, lead and barium analysis using appropriate chain of custody and QA/QC procedures as described in the QAPP. A Level II analytical data package was prepared by the laboratory for the soil samples analyzed and a Level II partial data validation was performed on the data (**Appendix D**).

3.5. Ground Water Monitoring Well Installation and Development

O'Brien & Gere installed 9 ground water monitoring wells (OBG-MW-14 through OBG-MW-22) to a maximum depth of 20.5 feet below ground surface to assess potential impact to ground water and evaluate site-specific ground water conditions. Five other ground water monitoring wells (MW-7 and MW-10 through MW-13) were previously installed at the DSL as discussed earlier; however, monitoring wells MW-11 and MW-13 have been abandoned. This data is discussed in

Section 2 of this report. **Figure 4** depicts the monitoring well locations. The previous data coupled with the MDEQ March 24, 2003 comments on the November 2002 RAP aided in well placement.

The ground water monitoring wells were located to assess following specific issues:

- Monitoring wells OBG-MW-16, OBG-MW-17, OBG-MW-21 and OBG-MW-22 were placed to assess the ground water quality in the vicinity of the retention basin.
- Monitoring well OBG-MW-18 was placed to assess the ground water quality in the vicinity of monitoring well MW-7.
- Monitoring wells OBG-MW-19 and OBG-MW-20 were placed to assess the ground water quality at the western extent of fill material.
- Monitoring well OBG-MW-15 was placed to assess the ground water quality within the fill material proximal to S-31 and SB-103.
- Monitoring well OBG-MW-14 was placed to assess the ground water quality in the southeastern corner of the site.
- Monitoring well OBG-MW-22 was placed to assess the groundwater at the upper north-northwest area of the site next to the former retention basin area and within a utility corridor, which includes two adjacent sanitary sewers at buried at depths of about 18 to 19 feet below grade and a shallower storm sewer buried at about 14 to 15 ft below grade (see **Figure 5**).

Soil samples were collected and analyzed in accordance with the above mentioned subsurface soil sampling procedures. These overburden monitoring wells were installed in accordance with the Work Plan. Monitoring wells were constructed using materials specified in FMG 3.1.

Overburden monitoring well locations were selected using site maps and previous investigation information. The well screen, end cap, and riser were certified clean from the manufacturer. Well construction materials were inspected for proper specifications and integrity. The well screens were new, machine slotted PVC with 0.010 inches slots and have a PVC cap threaded to the bottom.

Monitoring well construction details were recorded in the field logbook and on monitoring well detail forms (**Appendix E**). The filter pack was placed in increments to minimize bridging. The filter pack extended a minimum of 2 feet above the top of the screen. The filter pack material level was maintained within the augers as they were removed in stipulated increments to limit borehole collapse.

A bentonite pellet/chip seal was placed over the filter pack to a minimum thickness of 2 feet. A portland cement annular space seal was installed from the top of the bentonite seal to the ground surface.

A standup protective casing was installed over the monitoring wells and extends from the frost line to slightly above the top of the well casing. A weep hole was drilled in the bottom of the casing to allow accumulated

water to drain. The monitoring well identification was clearly marked on the inside and the outside of the protective casing cap.

Newly installed monitoring wells and two existing SVE wells (SVE-1 and SVE-2, SVE-3 was dry) intersecting the ground water table were developed to remove fine-grained materials and enhance the connection with the aquifer. Well development was performed in accordance with the Work Plan and FMG 3.7. All equipment used for development was cleaned using a laboratory grade detergent and tap water rinse prior to well development. The well was uncapped and the water level was allowed to stabilize before developing the well. A pump and appropriate tubing was then lowered into the well and the pump was turned on.

Ground water was collected in a glass jar to evaluate relative turbidity and to measure and record temperature, pH, turbidity, and specific electrical conductance during development. The monitoring well was pumped until the samples were relatively silt-free or no further change was noted; and the temperature, pH, turbidity, and specific electrical conductance readings stabilized to within 10 percent or until the well produces relatively clear, sediment-free water, to the extent practical.

Investigation derived wastes were handled as described in Section 3.7. Monitoring well locations were surveyed to establish elevations and horizontal control subsequent to the investigation.

3.6. Ground Water Sampling – Low Flow Purging

O'Brien & Gere collected ground water samples from the 9 newly installed monitoring wells (OBG-MW-14 through OBG-MW-22) and 4 existing monitoring wells (MW-7, MW-12, SVE-1 and SVE-2; **Figure 4**).

Ground water samples were collected using the low flow/low stress sampling technique as described in FMG 6.4. Low flow/low stress sampling techniques minimize the presence of fine grain materials in the ground water samples. Samples collected using low flow/low stress techniques are typically more representative of the ground water quality in the aquifer than samples collected using a hand bailer because some constituents are known to have an affinity for fine-grained particulate (i.e., inorganic constituents).

The well identification and location was verified using location layout drawings and the condition of the well was noted in the field logbook prior to set up.

A water level and total well depth measurement was recorded and the volume of water in the monitoring well was calculated prior to purging in accordance with FMG 5.1. The well volume was calculated based on the quantity of water standing in the well screen and riser.

A peristaltic pump was utilized to purge the monitoring well using low flow/low stress techniques. The pump, safety cable, tubing, and electrical lines were lowered into the well. The water level was measured with the pump in the well and the measuring device was left in the well after completing the measurement before starting the pump.

The well was then purged at 100 to a maximum of 500 milliliters per minute (mL/min). During purging, the water level was monitored every 5 minutes, or as necessary to maintain a steady flow rate resulting in drawdown of 0.3 ft or less. Field indicator parameters (pH, temperature, conductivity, oxidation-reduction potential [ORP], dissolved oxygen [DO], and turbidity) were also monitored every 5 minutes. Field instruments were calibrated as specified in FMG 8.0 prior to use and a record was documented in the field logbook. Water level and field indicator parameter measurements were documented on the ground water field sampling log forms.

The well was considered stabilized when the physical parameters were within 10% for three consecutive readings for each parameter.

Ground water samples were collected directly from the pump and discharged directly into the appropriate sample container. Samples were collected at a flow rate between 100 and 250 mL/min. Ground water samples were analyzed for VOCs, dissolved lead and dissolved barium. The pumping rate for VOC sample collection did not exceed 100 mL/min and was discharged directly to 40 mL glass vials with no headspace and topped with a teflon cap. The vials were checked for air bubbles once capped. Samples were placed in a cooler with ice following sample collection. Filtration for dissolved metals samples was performed in the laboratory within 24 hours of receipt. Investigation derived wastes were handled as described in Section 3.7.

3.7. Investigation-Derived Wastes

Investigation-derived waste (IDW) consisted of soil cuttings from soil boring installation, and monitoring well installation; ground water from well development, purging, and sampling activities; personal protective equipment (i.e., spent gloves; PPE); decontamination water/fluids, and disposable sampling equipment.

IDW was contained and characterized as recommended in FMG 10.0. Soil cuttings were contained in 55-gallon drums. Free liquids (i.e., ground water decontamination fluids) were decanted and combined with waste ground water. Free liquids were removed to the extent feasible to pass the paint filter test. Each drum was labeled with the date of generation, the source of the soils (i.e., the boring or well identification number), and other information as required by the disposal facility/waste hauler. Composite characterization samples were collected from a percentage of the drums based on analytical soil sample results and the total number of drums generated. Analyses of characterization samples

were based on the analytical soil sample results and the requirements of the off-site disposal facility.

Monitoring well development and purge water was also contained in 55-gallon drums and labeled with the sample location where the ground water was generated. Characterization samples were collected based on ground water analytical results, volume of water generated, and the requirements of the off-site disposal facility.

Decontamination waters/fluids were contained in 55-gallon drums, separate from ground water generated during the investigation. PPE and disposable sampling equipment was containerized and labeled. PPE and disposable sampling equipment will be disposed as municipal trash based on analytical results. IDW was manifested and disposal by EQ at their Detroit facility. **Appendix F** provides copies of the manifest.

O'Brien & Gere coordinated disposal with Young's Environmental (transportation provider) and EQ.

3.8. Equipment Decontamination

Field equipment potentially exposed to contaminants was properly decontaminated as described in the Work Plan.

3.8.1. Drill Rig and Heavy Equipment

Items such as drill rigs, auger flights, and miscellaneous heavy equipment present potential sources of interference to environmental samples. These items were cleaned using high-pressure steam cleaning methods. Other equipment and materials associated with sampling were cleaned before and after use at a site and between discrete investigation locations.

3.8.2. Decontamination of Sampling Equipment

Decontamination procedures were designed to remove particles and compounds that could affect the integrity of samples, and thus, the interpretation of environmental sampling data. The following decontamination procedures were followed for sampling equipment:

- Brushed loose soil off equipment
- Washed equipment with laboratory grade detergent (i.e., Alconox or equivalent)
- Rinsed with potable water
- Allowed water to evaporate before reusing equipment

For decontamination of submersible pumps used for ground water sampling, the following procedure were followed:

- Removed the pump from the well and decontaminate the external casing and associated wiring.

- Pumped solution (approximately 5 gallons) of potable water and non-phosphate detergent through the pump
- Pumped clean potable water through pump
- Pumped distilled water through pump
- Returned the pump to a covered storage container

3.9. Data Recording – Field Books

Field work performed as part of the DSL Investigation was recorded in a hardcover, bound field logbook. Typical field data included the following:

- general field observations
- numeric field measurements and instrument readings
- activity dates
- sample locations and corresponding sample identification numbers
- relevant comments and details pertaining to the sample collected
- documentation of activities, procedures, and progress achieved
- weather conditions
- a listing of personnel involved in site-related activities

Soil boring and monitoring well construction data was also recorded on soil boring and monitoring well construction detail logs. Ground water sampling field data was recorded on a ground water field-sampling log. Detailed guidelines regarding written field data are presented in FMG 1.4.

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4. Site Characteristics

This section describes the physical characteristics of the site including the topography, hydrology, geology and hydrogeology.

4.1. Topography & Hydrology

The site is situated in an area with relatively low to moderate relief. The topography of the area surrounding the site (within 0.5 miles) ranges from about 775 ft above mean sea level (MSL) south of the site to about 745 ft MSL near Thread Lake about 0.25 miles northeast of the site for about 30 ft of local relief. The site is characterized by a generally gently sloping topography toward the north and northeast. The topography of the site ranges from about 762 ft MSL near OBG-MW-14 to a low of about 753 ft MSL at the retention basin and along the northeast boundary of the site along the CSX railroad property (**Figure 5**). The retention basin located in the northern portion of the site has relatively steep banks and up to about 8 to 10 ft of relief. Water draining off of the parking area at the site generally flows towards the north and northeast, but may flow slightly toward the west from the center of the area. Furthermore, surface runoff from the parking lot is collected by several catch basins, which divert flow to the retention basin.

The retention basin is the closest surface water body and is located on the northern portion of the site. However, the retention basin is artificial and is also lined and not acting as a true surface water body. Thread Lake is the next closest surface water body near the site and the surface of the lake lies at an elevation of about 745 ft MSL. Thread Lake is fed and drained by Thread Creek that runs generally east to west and discharges to Swartz Creek about 1.25 miles northwest of the site. Swartz Creek eventually discharges to the Flint River. Thread Lake may receive some surface water runoff from the area northeast of the site, but likely not from the site. However, Thread Lake likely acts as a discharge point for groundwater in the site area.

4.2. Geology

The site is situated in an area characterized by regional unconsolidated geology consisting of primarily lacustrin clay and silt deposits with interbedded sandy lenses. The sand lenses are typically fine-grained sands with varying amounts of silt. The soil boring logs confirm this general stratigraphy (**Appendix C**). The site geology is generally characterized by an asphalt, concrete or gravel pavement layer, underlain by interbedded silt and clay with sand seams or fill materials. A glacial

till was observed to underlie the lacustrine silt and clay layers at 13 of 25 locations.

The asphalt layer typically is about 3 inches thick, where as the concrete layer is about 8 inches thick and the gravel layer can be up to about 2 ft thick. The fill materials that underlie the surface pavement material generally consisted of fill sand and a layer of black cinders or slag like material. The fill layer varied from about 1 ft thick to up to 6 ft thick at OBG-225 in the recent soil borings (when observed), but was purported to be up to about 10 ft thick within the site area. Fill material appears to extend to the western property line in the areas of OBG-14 through OBG-17 and OBG-219 through OBG-220. However, the fill material is less than three feet thick in these areas. Furthermore, OBG-203 had about two feet of slag like fill material, which indicates the fill observed at SB-117 and SB-118 may extend toward OBG-203 from the northeast. Therefore, most of the site is covered with some thickness of fill material. An updated fill material thickness map is illustrated in **Figure 6**. **Figure 7** provides the approximate base of fill contour map and also illustrates the approximate topography illustrated in the 1922 and 1969 (which generally agrees with the more recent topographic maps also) USGS topographic maps.

The location of the deepest fill is in the north-central portion of the site and as illustrated in Figure 7, the location of the ravine illustrated in the 1922 topographic map appears a little east of the deepest fill on the site, which may indicate that the topographic map was slightly off, our placement of the contour are slightly off, or potentially some excavating was conducted at the site.

Typically the silt and clay layers range from about 1 ft thick to about 5 ft thick, but were observed to be up to 16 ft thick at OBG-214. The silt layer was generally described as a moist to wet, moderate yellowish brown to light olive gray, silt with varying amounts of clay and sand. The typical clay layer was described as a soft, moist to wet, medium yellowish brown to light olive gray, silty clay, with trace sand.

Sand seams or lenses were observed at several of the recently installed soil boring locations and ranged in thickness from less than one foot to about 12 ft thick. The sands were described as wet, moderate yellowish brown fine sand or silty sand with varying amounts of medium to coarse sand, clay or gravel.

The glacial tills observed during the site investigation ranged in thickness from 1 ft to 5 ft; however, because the borings terminated in the glacial till unit the actual thickness of this unit is not know. The top of the glacial till was observed at elevations ranging from about 744 ft MSL to about 734 ft MSL. The glacial tills were typically described as stiff, moist, light olive gray, silty clay with little gravel and low plasticity.

4.3. Hydrogeology

Ground water was observed in all of the soil borings during the site investigation. Ground water was typically observed in the sand lenses within the silt and clay layers at the site, but was also observed within the silt and clay layers. Ground water was observed at depths ranging from about 5 ft below grade to 15 ft below grade or elevations ranging from about 755 ft MSL to 743 ft MSL during drilling. A similar range of water level elevations were obtained from the monitoring wells installed at the site (**Table 5**). Water levels were collected on May 12, 2005 and on November 22, 2005, after the installation of monitoring well OBG-MW-22.

The highest water level observed during the May 2005 monitoring was 757.27 ft MSL observed in OBG-MW-14 located in the southeastern corner of the DSL. The lowest water level (743.54 ft MSL) was observed at OBG-MW-15; however, OBG-MW-16 also had a similarly low water level at 743.57 ft MSL. A ground water contour map was constructed from the water levels obtained on May 12, 2005 (**Figure 8**).

The highest water level observed during the November 2005 monitoring was 755.25 ft MSL observed in OBG-MW-20 located in the southwestern corner of the DSL; however, OBG-MW-14 had a similar water level of 755.10 ft MSL. The lowest water level (741.20 ft MSL) was observed at OBG-MW-22, which was installed after the May 2005 monitoring event; however, OBG-MW-16 also had a low, but slightly higher water level at 742.95 ft MSL. A ground water contour map was constructed from the water levels obtained on November 22, 2005 (**Figure 9**).

The ground water contour map indicates that ground water is generally flowing from the edges of the site toward the center of the site in the area where thicker fill material and a ravine once existed running south to north. The funneling of the ground water toward the ravine seems to indicate the topographic/geologic structure may partially be controlling the ground water flow pattern at the site; however, groundwater flow may also be partially following the utility (i.e., sewer) corridor observed in the central portion of the site (see **Figure 5**). This may indicate ground water is leaving the site in a narrow band directly toward OBG-MW-22, between OBG-MW-17 and OBG-MW-21 toward the northern end of the property, and also toward OBG-MW-16.

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5. Soil and Ground Water Quality

This section discusses the soil and ground water quality results for the site investigation.

5.1. Soil Quality

Thirty-two soil samples were collected during the site investigation to characterize the soils at the DSL. The results of the analytical work are summarized in **Tables 6** and **6a** and presented in **Appendix H**. The data validation report for the soil samples is contained in **Appendix D**.

The data validation report indicated the data provided by the laboratory were found to exhibit acceptable levels of accuracy and precision and may be used with the qualifications noted with the exception of:

- the bromomethane data, which was rejected because of calibration acceptance criterial exceedance, and
- acetone and 2-chloroethylvinyl ether data were rejected in several samples because of calibration criteria violations.

The rejection of the above mentioned results should not effect the outcome of the site investigation because these compounds are not compounds of concern at the DSL.

Benzene, ethylbenzene, toluene and xylenes were the most often detected VOCs in the soils at the DSL during the recent site investigation. Naphthalene and 1,2,4-trimethylbenzene were also detected in the soil sample from OBG-209 from 5 to 7 fbg. However, no VOCs outside the fenced property exceeded their respective MDEQ criterion as illustrated in **Table 6** and **Figure 3**. Samples OBG-226 through OBG-231 were collected within the north-central area of the site near SVE-1, which may represent a "hot-spot" (i.e., within the fenced area) to help delineate the extent of impacts in this area. This area and the area around SB-108 are the only areas of the site that exhibited soil VOCs above the MDEQ criteria, with the exception of methylene chloride in the near surface soils near MW-7, which may be a laboratory artifact.

Barium and lead were detected in the recent soil samples at concentrations below their respective MDEQ cleanup criteria with the exception of barium and lead (fine-grained faction) in OBG-227. OBG-227 is located in a "hot spot" within the interior of the site in an area that is capped with concrete. The remainder of the soil borings delineated the barium and lead impacts at the site.

Barium was detected at concentrations ranging from 8.7 mg/kg at OBG-213 from 4 to 6 fbg to 292 mg/kg at OBG-227 from 2 to 4 fbg with a mean concentration of 56.0 mg/kg. Barium at OBG-227 exceeded the ground water surface water interface (GSI) protection criterion of 140 mg/kg. The fine fraction lead concentrations ranged from 10.3 mg/kg at OBG-208 from 5 to 7 fbg to 2,120 mg/kg at OBG-227 from 2 to 4 fbg with a mean concentration of 83.0 mg/kg. Lead at OBG-227 exceeded the drinking water protection and ground water GSI protection criterion of 700 mg/kg. The coarse fraction lead concentrations ranged from 2.91 mg/kg at OBG-213 from 4 to 6 fbg to 102 mg/kg at OBG-203 from 2 to 4 fbg with a mean concentration of 16.0 mg/kg.

5.2. Ground water quality

Thirteen ground water samples were collected during the site investigation to characterize the groundwater at the DSL. The results of the analytical work are summarized in **Table 7** and presented in **Appendix I**. The data validation report for the ground water samples is contained in **Appendix D**.

The data validation report indicated the data provided by the laboratory were found to exhibit acceptable levels of accuracy and precision and may be used with the qualifications noted.

Three of the thirteen monitoring wells (MW-7, SVE-1 and SVE-2) sampled contained VOCs in ground water above the generic industrial drinking water criteria (GIDW). The remaining wells either contained no detectable concentrations of VOCs or very low concentrations that were below the GIDW crteria. MW-7 contained 1,2,4-trimethylbenzene at a concentration of 160 ug/L, which exceeds the GIDW criterion of 63 mg/L. Several other VOCs were detected in MW-7 but they were all below the GIDW criteria.

SVE-1 contained six VOCs in ground water that exceeded their respective criteria including acetone, benzene, ethylbenzene, toluene, xylenes, and 4-methyl-2-pentanone (MIBK) as illustrated in **Table 7**. SVE-2 contained three VOCs in ground water that exceeded their respective criteria including benzene, 1,2,4 trimethylbenze and xylenes (**Table 7**).

Barium was detected in all of the ground water samples. Barium was detected at concentrations ranging from 0.024 mg/L at OBG-MW-14 to 3.14 mg/L at SVE-2 with a mean concentration of 0.58mg/L. Barium exceeded its MDEQ GIDW criterion of 2 mg/L at monitoring well SVE-2. None of the remaining ground water wells contained barium above the GIDW criterion.

Lead was only detected in groundwater at three sampling locations (SVE-1, SVE-2, and OBG-MW-22) at concentrations of 0.003 mg/L for

SVE-1 and SVE-2, which is below the GIDW criterion of 0.004 mg/L and 0.059 mg/L for OBG-MW-22, which is above the GIDW criterion.

Most of the aforementioned results exceeding the GIDW criteria also exceeded the generic ground water surface water interface (GSI) criteria. 2-Butanone, ethylbenzene, naphthalene, and toluene were also detected above the GSI criteria at MW-7, SVE-1 and/or SVE-2. However, the GSI criteria do not appear to be appropriate for the site given the distance to the most likely receptor, Thread Lake.

No other generic industrial criteria (i.e., direct contact or volatilization to in door air criteria) were exceeded in ground water at the site.

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6. Conclusions

Fill material, including cinders and slag like material, appears to extend to the western property line in the areas of OBG-14 through OBG-17 and OBG-219 through OBG-220 (see **Figure 3**). However, the fill material is less than three feet thick in these areas. Furthermore, OBG-203 had about two feet of slag like fill material, which indicates the fill observed at SB-117 and SB-118 may extend toward OBG-203 from the northeast. Therefore, most of the site is covered with some thickness of fill material as illustrated in **Figures 6** and **7**.

The soil sampling results collected outside the fenced area indicate no exceedances of the MDEQ criteria in the samples collected during the site investigation, especially near the site boundary indicating that soil impacts are contained within the DSL property boundary and pose a minimal risk under a commercial or industrial closure scenario. Furthermore, it appears the source area for the VOC impacts at the site as evident from the groundwater results in MW-7, SVE-1 and SVE-2 has been defined.

Furthermore, historical arsenic results in soil, collected in 1987, have shown over time not to leach into ground water at concentrations above the drinking water criteria. Therefore, the historical soil exceedances are not considered a concern and will not require further investigation, remediation or monitoring.

The ground water results indicate the presence of a source area for VOCs near SVE-1 and SVE-2. However, because of the unique groundwater flow pattern at the site it appears impacted groundwater is unlikely to leave the site except possibly within a very narrow window at the northern end of the site and monitoring results from OBG-MW-22 indicate that VOCs are not leaving the site in this area.

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Table 1
REALM
Die Storage Lot
Summary of Historical Soil VOC Results

			Acetone	Benzene	Chlorobenzene	1,3 DCB	1,4 DCB	DCE	ETB	MCL	MEK	TCA	TCE	Toluene	Xylenes
MDEQ Part 201 Generic Cleanup Criteria	Ind. GW Protection Criteria		42,000	100	2000	480	1,700	1400	980	100	7.60E+05	4000	100	16,000	5,600
	GSI Protection Criteria		34,000	4000	940	1,100	290	12000	ID	19000(X)	44,000	4000	4000(X)	2,800	700
	Ind. Direct Contact Criteria		73,000,000	4.0E+5(C)	2.6E+5(C)	1.7E+5(C)	1.90E+06	6.4E+5(C)	ID	2.3E+6(C)	2.7E+7(C,DD)	4.6E+5(C)	0E+5(C,D	2.5E+5(C)	1.5E+5(C)
	Res. Volatilization Criteria		1.1E+8(C)	1.60E+03	1.20E+05	ID	1.90E+04	2.20E+04	5.40E+05	4.50E+04	2.7E+7(C)	2.50E+05	7,100	2.5E+5(C)	1.5E+5(C)
	Ind. Volatilization Criteria		1.1E+8(C)	8.40E+03	2.20E+05	ID	1.00E+05	4.10E+04	6.5E+5(C)	2.4 E+5	2.7E+7(C)	4.60E+05	37,000	2.5E+5(C)	1.5E+5(C)
Boring Location	Sample #	Depth Ranges (ft)													
MW-7	S-1	3.0-5.0	--	--	ND	--	--	ND	84	220	534	230	ND	ND	--
	S-2	8.0-10.0	--	--	ND	--	--	ND	ND	ND	--	ND	ND	ND	ND
	S-3	13.0-15.0	--	--	ND	--	--	ND	ND	10	10	ND	ND	ND	ND
S-26	S-1	7	290	ND	--	ND	ND	ND	ND	ND	ND	11	--	ND	ND
	S-2	10	ND	ND	--	ND	ND	ND	6	ND	ND	ND	--	ND	ND
	S-3	15	ND	ND	--	ND	ND	ND	10	ND	ND	ND	--	ND	ND
S-31	S-1	2	--	ND	--	ND	ND	ND	ND	ND	--	ND	--	ND	ND
	S-3	10	--	ND	--	ND	ND	ND	ND	ND	--	ND	--	ND	ND
	S-4	14.5	--	ND	--	ND	ND	ND	ND	ND	--	ND	--	ND	ND
S-32	S-3	10	--	ND	--	ND	ND	ND	ND	ND	--	ND	--	ND	ND
	S-4	15	--	ND	--	ND	ND	ND	ND	ND	--	ND	--	ND	ND
V-165	S-3		ND	ND	--	ND	ND	ND	ND	ND	ND	ND	--	ND	ND
V-169	S-2		ND	ND	--	ND	ND	ND	ND	ND	ND	ND	--	ND	ND
SB-108	S-1	3.5-5.0	ND	--	530*	1200	1500	--	120	--	--	--	ND	4.6	350
	S-2	8.5-10.0	ND	--	140*	490	380	--	32	--	--	--	ND	ND	87
SB-108-10	S-1	5.0-6.5	1.5	--	ND	--	--	ND	2.3	1.3	--	ND	ND	ND	14
SB-109-2	S-2	5.0-6.5	ND	--	ND	--	--	ND	ND	ND	--	ND	ND	ND	ND
SB-111	S-2	5.0-6.5	ND	--	ND	--	--	ND	ND	ND	--	ND	ND	ND	ND
SB-112	S-3	8.0-9.5	ND	--	11	--	--	ND	ND	ND	--	ND	ND	72	ND
SB-112-14	S-1	1.5-3.0	ND	--	ND	--	--	2.2	ND	ND	--	ND	1.7	ND	ND
SB-113	S-2	5.0-6.5	ND	--	ND	--	--	ND	ND	0.94	--	ND	ND	ND	ND
SB-116	S-3	8.0-9.5	ND	--	ND	--	--	ND	ND	ND	--	ND	ND	ND	ND
SB-120	S-1	3	ND	--	ND	--	--	ND	<0.8	ND	--	ND	ND	ND	ND
	S-2	6.5	ND	--	ND	--	--	ND	<0.8	ND	--	ND	ND	ND	ND
	S-3	10	ND	--	ND	--	--	ND	<0.95	ND	--	ND	ND	<0.7	ND

Note:
Exceeds GSI criteria only.
Exceeds industrial drinking water criteria or both GSI and drinking water criteria.
VOCs in ppb
1,3 DCB = 1,3 Dichlorobenzene
1,4 DCB = 1,4 Dichlorobenzene
DCE = cis 1,2-Dichloroethylene
ETB = Ethyl-tert-butyl ether
MCL = Methylene chloride
TCA = 1,1,1-Trichloroethane
TCE = Trichloroethylene
ID = Means insufficient data to develop criterion
MEK = Methyl Ethyl Ketone

Table 2
REALM
Die Storage Lot
Summary of Historical Soil Inorganic Parameter Results

			Ag	As	Ba	Ca	Cd	Cr	Cu	Hg	Mg	Na	Pb	Se	Zn	CYANIDE	CL	CO3	FL	NO3	SO4	pH
MDEQ Part 201 Generic Cleanup Criteria	Ind. GW Protection Criteria		13	4.6	1.30E+03		6	1.00E+06	5.80E+03	1.7	2.20E+04	7.00E+02	7.00E+02	4	5.00E+03	4	5.00E+03		40	200(N)	5.00E+03	
	GSI Protection Criteria		100(M);27	70(X)	140		16	1.20E+06	29	50(M);1.2	NA	NA	850	0.4	65	0.1	2500		NA	NA	NA	
	Ind. Direct Contact Criteria		9.00E+03	37	1.30E+05		2.10E+03	1.0E+6(D)	7.30E+04	5.80E+02	1.0E+6(D)	1.0E+6(D)	9.0E+2(DD)	9.60E+03	6.30E+05	2.50E+02	5.0E+2(F)		6.7E+4(DD)	ID	ID	
	MI Background Lev.			5.8	75		1.2	18	32	0.13	NA	NA	21	0.41	47	0.39						
Boring Location	Sample #	Depth ranges (ft.)																				
MW-7	S-1	3.0-5.0	ND	18	25	--	ND	10	5.3	ND	--	--	ND	2.8	36	--	--	--	--	--	--	--
	S-2	8.0-10.0	2.3	12	34	--	1.8	18	10	ND	--	--	ND	3	36	--	--	--	--	--	--	--
	S-3	13.0-15.0	3.2	15	24	--	2.1	23	9	ND	--	--	ND	ND	27	--	--	--	--	--	--	--
S-26	S-1	7	3.2	18	54	--	3	32	18	ND	--	--	9.9	ND	49	--	--	--	--	--	--	--
	S-2	10	4	5.8	47	--	3.3	34	16	ND	--	--	ND	ND	58	--	--	--	--	--	--	--
	S-3	15	4.1	6.6	77	--	3.1	48	22	ND	--	--	8.2	ND	57	--	--	--	--	--	--	--
S-30	S-1	2	<0.5	5.4	5.7	--	<0.5	6	7	<0.1	--	--	4.8	<0.5	22	--	--	--	--	--	--	--
	S-2	4	<0.5	8.9	20	--	<0.5	16	13	<0.1	--	--	13	<0.5	25	--	--	--	--	--	--	--
	S-3	14	<0.5	5.3	18	--	<0.5	7	7.2	<0.1	--	--	12	<0.5	25	--	--	--	--	--	--	--
	S-4	20	<0.5	7.1	28	--	<0.5	12	12	<0.1	--	--	13	<0.5	30	--	--	--	--	--	--	--
S-31	S-1	0.5 - 2	--	5.6	--	--	--	--	370	--	--	--	95800	3	3300	--	--	--	--	--	--	--
	S-3	10	--	5.3	--	--	--	--	13	--	--	--	17	0.6	110	--	--	--	--	--	--	--
	S-4	14.5	--	6.5	--	--	--	--	10	--	--	--	6	0.4	46	--	--	--	--	--	--	--
S-32	S-3	10	--	4.7	--	--	--	--	38	--	--	--	460	0.3	290	--	--	--	--	--	--	--
	S-4	15	--	5.5	--	--	--	--	14	--	--	--	17	0.4	42	--	--	--	--	--	--	--
SB-101	S-1	3.5-5.0	--	--	120	41,000	--	--	13	--	--	--	10	ND	20	<0.5	220	147,000	9.9	4	220	8.41
	1A	5	--	--	<3	230,000	--	--	3	--	--	--	24	<0.5	26	0.97	1150	--	--	--	--	12.15
	S-2	8.5	--	--	48	490,000	--	--	8.4	--	--	--	4.3	<0.5	29	<0.5	250	--	--	--	--	7.65
SB-102	S-1	3.5-5.0	--	--	42	--	--	--	7.2	--	--	--	19	<0.5	39	--	--	--	--	--	--	--
	S-2	8.5-10.0	--	--	55	--	--	--	8.9	--	--	--	13	<0.5	49	--	--	--	--	--	--	--
SB-103	S-1	3.5-5.0	--	--	60	--	--	--	26	--	--	--	66	<0.5	170	--	--	--	--	--	--	--
	S-2	8.5-10.0	--	--	120	--	--	--	31	--	--	--	12500	<0.5	4410	--	--	--	--	--	--	--
SB-104A	S-2	5.0-6.5	--	--	300	--	--	--	79	--	--	--	260		220	--	--	--	--	--	--	--
	S-3	8.0-9.5	--	--	77	--	--	--	17	--	--	--	30		48	--	--	--	--	--	--	--
SB-105	S-1	3.5-5.0	--	--	44	--	--	--	15	--	--	--	17	<0.5	35	--	--	--	--	--	--	--
	S-2	8.5-10.0	--	--	29	--	--	--	9.1	--	--	--	7.4	<0.5	31	--	--	--	--	--	--	--
SB-106	S-2	5.0-6.5	--	--	5.1	--	--	--	4.2	--	--	--	5.1		20	--	--	--	--	--	--	--
	S-3	8.0-9.5	--	--	45	--	--	--	11	--	--	--	16		33	--	--	--	--	--	--	--
SB-107	S-1	1.5-3.0	--	--	2800	--	--	--	1120	--	--	--	4990	<0.5	1950	--	--	--	--	--	--	--
	S-3	8.5-10.0	--	--	69	--	--	--	14	--	--	--	8	<0.5	42	--	--	--	--	--	--	--
SB-108	S-1	3.5-5.0	--	--	1260	--	--	--	1260	--	--	--	1220	<0.5	4360	--	--	--	--	--	--	--
	S-2	8.5-10.0	--	--	26	--	--	--	10	--	--	--	4.3	<0.5	37	--	--	--	--	--	--	--
SB-109	S-1	3.5-5.0	--	--	440	--	--	--	74	--	--	--	320	<0.5	340	--	--	--	--	--	--	--
	S-2	8.5-10.0	--	--	2.6	--	--	--	6.2	--	--	--	9.7	<0.5	23	--	--	--	--	--	--	--
SB-110	S-1	3.5-5.0	--	--	190	47,000	--	--	1760	--	280	<400	700	<0.5	280	1.1	730	330,000	3.9	1.7	47	12.08
	S-2	8.5-10.0	--	--	94	19,000	--	--	30	--	3,320	1,020	33	<0.5	70	<0.5	500	42,800	7.7	<1.0	100	11.82
SB-111	S-1	2.0-3.5	--	--	82	--	--	--	15	--	--	--	56		56	--	--	--	--	--	--	--
	S-2	5.0-6.5	--	--	48	--	--	--	6.1	--	--	--	28		43	--	--	--	--	--	--	--
SB-112	S-1	2.0-3.5	--	--	91	--	--	--	15	--	--	--	19		48	--	--	--	--	--	--	--
	S-3	8.0-9.5	--	--	58	--	--	--	7.2	--	--	--	7.6		52	--	--	--	--	--	--	--
SB-113	S-1	1.5-3.0	--	--	360	--	--	--	110	--	--	--	460		220	--	--	--	--	--	--	--
	S-2	5.0-6.5	--	--	79	--	--	--	16	--	--	--	47		75	--	--	--	--	--	--	--
SB-114	S-1	3.5-5.0	--	--	68	--	--	--	13	--	--	--	15	<0.5	61	--	--	--	--	--	--	--
	S-2	8.5-10.0	--	--	40	--	--	--	8.6	--	--	--	11	<0.5	40	--	--	--	--	--	--	--
SB-115	S-1	2.0-3.5	--	--	45	--	--	--	17	--	--	--	12	--	53	--	--	--	--	--	--	--
	S-2	5.0-6.5	--	--	56	--	--	--	15	--	--	--	13	--	59	--	--	--	--	--	--	--
SB-116	S-1	2.0-3.5	--	--	40	--	--	--	11	--	--	--	8.6	--	38	--	--	--	--	--	--	--
	S-3	8.0-9.5	--	--	90	--	--	--	7.6	--	--	--	8.1	--	66	--	--	--	--	--	--	--
	S-4A	10.0-11.5	--	--	54	--	--	--	17	--	--	--	7	--	47	--	--	--	--	--	--	--
SB-117	S-2	3.5-5.0	--	--	190	--	--	--	19	--	--	--	92	--	150	--	--	--	--	--	--	--
	S-3	8.0-9.5	--	--	90	--	--	--	7.6	--	--	--	8.1	--	66	--	--	--	--	--	--	--
SB-118	S-1	2.0-3.5	--	--	38	--	--	--	5.5	--	--	--	7.2	--	37	--	--	--	--	--	--	--
	S-2	5.0-6.5	--	--	59	--	--	--	11	--	--	--	<3	--	43	--	--	--	--	--	--	--
SB-119	S-1	3	--	--	<3	200,000	--	--	3.1	--	170	<450	16	--	11	1.4	66	584,000	1.8	10	320	12.29
	S-2	6.5	--	--	36	46,300	--	--	6.6	--	7,990	<450	6.7	--	29	<0.5	49	49,700	3	2	230	10.83
	S-3	8	--	--	76	35,100	--	--	5.6	--	7,200	450	7.2	--	54	<0.5	48	4,940	5	3	220	8.66
SB-120	S-1	3	--	--	550	--	--	--	490	--	--	--	2050	--	2510	--	--	--	--	--	--	--
	S-2	6.5	--	--	23	--	--	--	19	--	--	--	68	--	170	--	--	--	--	--	--	--
	S-3	10	--	--	52	--	--	--	15	--	--	--	11	--	41	--	--	--	--	--	--	--

Notes:

Exceeds GSI Criteria only

Exceeds Industrial water drinking Criteria or both GSI and drinking water criteria

-- Not analysed

Metal Analytical Results in ppm

Table 3
REALM
Die Storage Lot
Summary of Ground Water Analytical Results Since 1995
BTEX, Total (Non-BTEX) VOCs, Dissolved Barium, Lead and Zinc (ug/L)

Well ID	Date Sampled	Benzene	Toluene	Ethylbenzene	Xylenes	Total Non-BTEX VOCs	Barium	Lead	Zinc
MW-7	3/10/2004	ND	ND	31	3	364	210	ND	46
MW-7	12/15/2003	ND	ND	4	ND	51	220	ND	40
MW-7	9/29/2003	ND	ND	ND	ND	43	145	ND	17
MW-7	6/19/2003	ND	ND	2	ND	37	150	ND	37
MW-7	3/20/2003	ND	ND	ND	ND	ND	800	ND	49
MW-7	12/30/2002	ND	ND	ND	ND	ND	1200	ND	90
MW-7	9/12/2002	ND	ND	1	2	38	170	ND	17
MW-7	6/27/2002	ND	ND	12	2	199	330	ND	20
MW-7	4/4/2002	ND	ND	27	5	366	29	ND	ND
MW-7	12/27/2001	ND	ND	ND	ND	ND	40	ND	160
MW-7	10/1/2001	ND	ND	ND	ND	66	170	ND	20
MW-7	7/2/2001	ND	ND	ND	ND	24	100	ND	10
MW-7	3/28/2001	ND	ND	2	ND	35	120	ND	ND
MW-7	10/30/2000	ND	ND	6	ND	100	160	ND	10
MW-7	7/27/2000	ND	ND	ND	ND	36	110	ND	30
MW-7	4/13/2000	ND	ND	ND	ND	42	120	ND	20
MW-7	2/29/2000	ND	ND	ND	ND	40	110	ND	20
MW-7	12/13/1999	ND	ND	ND	ND	15	120	ND	10
MW-7	8/2/1999	ND	ND	ND	ND	21	100	ND	ND
MW-7	5/3/1999	ND	ND	ND	ND	36	100	ND	10
MW-7	2/5/1999	ND	ND	ND	ND	15	100	ND	20
MW-7	11/4/1998	ND	ND	ND	ND	15	100	ND	20
MW-7	8/6/1998	ND	ND	ND	ND	46	30	ND	ND
MW-7	5/7/1998	ND	ND	2	ND	37	80	ND	10
MW-7	2/5/1998	ND	ND	ND	ND	ND	120	ND	30
MW-7	11/4/1997	ND	ND	ND	ND	1	110	ND	10
MW-7	5/8/1997	ND	ND	ND	ND	ND	120	ND	20
MW-7	1/9/1997	ND	ND	ND	ND	1**	ND	ND	ND
MW-7	11/20/1996	ND	ND	ND	ND	ND	ND	ND	20
MW-7	7/23/1996	ND	ND	ND	ND	ND	220	ND	ND
MW-7	5/6-13/96	ND	ND	ND	ND	ND	ND	ND	ND
MW-7	1/23/1996	ND	ND	ND	ND	ND	373	95	2047
MW-7	10/28/1995	ND	ND	ND	ND	ND	195	9	220
MW-7	7/24/1995	ND	ND	ND	ND	ND	ND	ND	ND
MW-7	4/24/1995	**40**	4	20	27	ND	130	37	1300
Cleanup Criteria		5.0 (A)	790 (E)	74 (E)	280 (E)		2,000 (A)	4.0	2,400

Notes: Cleanup criteria: MDEQ Part 201 Generic Cleanup Criteria - Residential Drinking Water Criteria

*- higher detection limits due to matrix interference, **- laboratory artifact

ND- Not detected

Bolded type indicates exceedance of MDEQ Part 201 Generic Residential Drinking Water criteria.

(A) denotes criterion is State of Michigan Drinking Water Standard.

(E) denotes criterion is the aesthetic drinking water value, as required by Sec. 20120 (1)(5).

Table 3
REALM
Die Storage Lot
Summary of Ground Water Analytical Results Since 1995
BTEX, Total (Non-BTEX) VOCs, Dissolved Barium, Lead and Zinc (ug/L)

Well ID	Date Sampled	Benzene	Toluene	Ethylbenzene	Xylenes	Total Non-BTEX VOCs	Barium	Lead	Zinc
MW-12	3/10/2004	ND	ND	ND	ND	ND	610	ND	107
MW-12	12/16/2003	ND	ND	ND	ND	ND	210	ND	170
MW-12	9/29/2003	ND	ND	ND	ND	ND	209	ND	73
MW-12	6/19/2003	ND	ND	ND	ND	ND	800	ND	114
MW-12	3/20/2003	ND	ND	ND	ND	ND	1470	ND	59
MW-12	12/31/2002	ND	ND	ND	ND	ND	1420	ND	137
MW-12	9/12/2002	ND	ND	ND	ND	ND	730	ND	396
MW-12	6/27/2002	ND	ND	ND	ND	ND	470	ND	120
MW-12	4/4/2002	ND	ND	ND	ND	ND	1260	ND	50
MW-12	12/27/2001	ND	ND	ND	ND	ND	600	ND	250
MW-12	10/1/2001	ND	ND	ND	ND	ND	1500	ND	20
MW-12	7/2/2001	ND	ND	ND	ND	ND	1310	ND	150
MW-12	3/28/2001	2	ND	ND	ND	ND	1100	ND	520
MW-12	10/30/2000	ND	ND	ND	ND	ND	1450	ND	60
MW-12	7/27/2000	1	ND	ND	ND	ND	380	ND	40
MW-12	4/13/2000	ND	ND	ND	ND	3	1750	ND	70
MW-12	2/22/2000	ND	ND	ND	ND	ND	**2230**	ND	60
MW-12	12/13/1999	ND	ND	ND	ND	ND	**2090**	ND	20
MW-12	8/2/1999	<20*	<20*	<20*	<20*	<20*	550	ND	110
MW-12	5/3/1999	1	ND	ND	ND	3	470	ND	30
MW-12	2/5/1999	ND	ND	ND	ND	8	580	ND	ND
MW-12	11/10/1998	2	ND	ND	ND	ND	730	ND	180
MW-12	8/6/1998	16	ND	ND	ND	ND	330	ND	20
MW-12	5/7/1998	ND	ND	ND	2	ND	80	ND	10
MW-12	2/5/1998	3	2	ND	ND	ND	400	ND	50
MW-12	11/4/1997	NS	NS	NS	NS	NS	NS	NS	40
MW-12	5/8/1997	ND	ND	ND	ND	ND	1080	ND	50
MW-12	1/9/1997	ND	ND	ND	ND	ND	1100	ND	ND
MW-12	11/20/1996	ND	ND	ND	ND	ND	890	ND	20
MW-12	7/23/1996	ND	ND	ND	ND	ND	660	2	60
MW-12	5/6-13/96	ND	ND	ND	ND	2	537	3	ND
MW-12	1/23/1996	ND	ND	ND	ND	ND	768	75	360
MW-12	10/28/1995	ND	ND	ND	ND	ND	335	27	230
MW-12	7/24/1995	ND	ND	ND	ND	ND	330	ND	ND
MW-12	4/24/1995	ND	ND	ND	ND	ND	390	39	160
Cleanup Criteria		5.0 (A)	790 (E)	74 (E)	280 (E)		2,000 (A)	4.0	2,400

Notes: Cleanup criteria: MDEQ Part 201 Generic Cleanup Criteria - Residential Drinking Water Criteria

*- higher detection limits due to matrix interference, **- laboratory artifact

ND- Not detected

Bolded type indicates exceedance of MDEQ Part 201 Generic Residential Drinking Water criteria.

(A) denotes criterion is State of Michigan Drinking Water Standard.

(E) denotes criterion is the aesthetic drinking water value, as required by Sec. 20120 (1)(5).

Table 3a
REALM
Die Storage Lot
Annual Groundwater Analytical Results
Michigan 10 Metals

Location	Sample Date	Dissolved Metals (ug/L)									
		Arsenic	Barium	Cadmium	Chromium	Copper	Lead	Mercury	Selenium	Silver	Zinc
Drinking Water Criteria		10	2,000 (A)	5.0 (A)	100 (A)	1,000 (E)	4.0 (L)	2.0 (A)	50 (A)	34	2400
MW-7	12/27/01	<5	40	<0.5	<10	<10	<3	<0.2	<5	<0.5	160
MW-7	12/30/02	<1	1200	0.3	9	6	<1	<0.05	<5	<0.5	90
MW-7	12/15/03	<2	220	<0.5	<5	<10	<3	<0.2	<5	<0.5	40
MW-7	12/21/04	4	399	<0.5	5	<5	<3	<0.2	<5	<0.5	53
MW-12	12/27/01	<5	600	<0.5	<10	<10	<3	<0.2	<5	<0.5	250
MW-12	12/31/02	<1	1420	0.5	8	9	<1	<0.05	<5	<0.5	137
MW-12	12/15/03	<2	210	<0.5	<5	<10	<3	<0.2	<5	<0.5	170
MW-12	12/21/04	<2	415	0.9	11	<5	<3	<0.2	<5	<0.5	115

Notes:
<- indicates not detected at the indicated detection limit
(A) denotes criterion is State of Michigan Drinking Water Standard.
(E) denotes criterion is the aesthetic drinking water value, as required by Sec. 20120 (1)(5).
(L) denotes criteria for lead are derived using a biologically based model, as allowed under 20120a(10).

Table 4
REALM - Die Storage Lot
Summary of Ground Water Analytical Results Since 1995
Volatile Organic Compounds (ug/L)

Well ID	MW-7	MW-7	MW-7	MW-7	MW-7	MW-7	MW-7	MW-7	MW-7	MW-7	MW-7	MW-7	MW-7	MW-7	MW-7	MDEQ Part 201 Generic Cleanup Criteria - Residential Drinking Water Criteria
Sample Date	4/24/1995	7/24/1995	10/26/1995	1/23/1996	5/8/1997	11/4/1997	5/7/1998	8/6/1998	11/4/1998	2/5/1999	5/3/1999	8/2/1999	12/13/1999	2/29/2000	4/13/2000	
Acetone	NA	NA	NA	NA	NA	NA	<50	<50	<50	<50	<50	<50	<50	<50	<50	730
Bromodichloromethane	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	100 (A,W)
Bromoform	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	100 (A,W)
Bromomethane	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	10
2-Butanone	NA	NA	NA	NA	NA	NA	<50	<50	<50	<50	<50	<50	<50	<50	<50	13,000
n-Butylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1	<1	<1	<1	<1	<1	80
sec-Butylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1	<1	<1	<1	<1	<1	80
tert-Butylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1	<1	<1	<1	<1	<1	80
Carbon Disulfide	NA	NA	NA	NA	NA	NA	<50	<50	<50	<50	<50	<50	<50	<50	<50	800
Carbon tetrachloride	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	5.0 (A)
Chlorobenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	100 (A)
Chloroethane	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	430
2-Chloroethyl vinyl ether	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	NA	NA	NA	ID
Chloroform	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1	<1	<1	<1	<1	100 (A,W)
Chloromethane	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	260
Dibromochloromethane	<1	NA	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	100 (A,W)
1,2-Dichlorobenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	600 (A,W)
1,3-Dichlorobenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	6.6
1,4-Dichlorobenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	75 (A)
1,1-Dichloroethene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	7.0 (A)
1,2-Dichloroethane	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	5.0 (A)
1,1-Dichloroethane	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	880
cis-1,2-Dichloroethene	<1	NA	<1	<1	NA	NA	37	46	15	19	35	16	13	39	41	70 (A)
trans-1,2-Dichloroethene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1	<1	100 (A)
1,2-Dichloropropane	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	5.0 (A)
cis-1,3-Dichloropropene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	21
trans-1,3-Dichloropropene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	21
2-Hexanone	NA	NA	NA	NA	NA	NA	<50	<50	<50	<50	<50	<50	<50	<50	<50	1,000
Isopropyl benzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1	<1	<1	<1	<1	<1	800
p-Isopropyltoluene	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1	<1	<1	NA	NA	NA	NC
4-Methyl-2-pentanone	NA	NA	NA	NA	NA	NA	<50	<50	<50	<50	<50	<50	<50	<50	<50	1,800
Methylene Chloride	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	5.0 (A)
Naphthalene	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1	1	<1	<1	<1	1	520
n-Propylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1	<1	<1	<1	<1	<1	80
Styrene	NA	NA	NA	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	100 (A)
1,1,2,2-Tetrachloroethane	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	8.5
Tetrachloroethene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	5.0 (A)
1,1,1-Trichloroethane	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	200 (A)
1,1,2-Trichloroethane	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	5.0 (A)
Trichloroethene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	5.0 (A)
Trichlorofluoromethane	NA	<1	NA	NA	<1	<1	<1	<1	<1	<1	<1	<1	NA	NA	NA	2,600
1,2,4-Trimethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1	2	<1	<1	<1	<1	63 (E)
1,3,5-Trimethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1	2	<1	<1	<1	<1	72 (E)
Vinyl Chloride	<1	<1	<1	<1	<1	1	<1	<1	<1	13	<1	5	2	<1	<1	2.0 (A)

Notes:

< - Not detected above laboratory limits

NA - Not analyzed. NS - Not Sampled.

NC - No MDEQ criteria established

Bolded type denotes exceedance of MDEQ Part 201 Generic Residential Drinking Water criteria

(A) denotes criterion is State of Michigan Drinking Water Standard

(E) denotes criterion is the aesthetic drinking water value, as required by Sec. 20120 (1)(5)

(W) concentrations of trihalomethanes must be added together to determine compliance with the State of Michigan Drinking Water Standard of 100 ug/L.

* - higher detection limits due to matrix interference. ** - laboratory artifact.

Table 4
REALM - Die Storage Lot
Summary of Ground Water Analytical Results Since 1995
Volatile Organic Compounds (ug/L)

Well ID	MW-7	MW-7	MW-7	MW-7	MW-7	MW-7	MW-7	MW-7	MW-7	MW-7	MW-7	MW-7	MW-7	MW-7	MW-7	MDEQ Part 201 Generic Cleanup Criteria - Residential Drinking Water Criteria
Sample Date	7/27/2000	10/30/2000	3/28/2001	7/2/2001	10/1/2001	12/27/2001	4/4/2002	6/27/2002	9/12/2002	12/30/2002	3/20/2003	6/19/2003	9/29/2003	12/16/2003	3/10/2004	
Acetone	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<30	<30	730
Bromodichloromethane	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	100 (A,W)
Bromoform	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	100 (A,W)
Bromomethane	<1	<1	<1	<1	<1	<1	<1	<5	<5	<5	<5	<5	<5	<1	<1	10
2-Butanone	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<30	<30	13,000
n-Butylbenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	2	8	80
sec-Butylbenzene	<1	<1	1	<1	<1	<1	7	5	<1	<1	<1	<1	<1	<1	5	80
tert-Butylbenzene	<1	<1	<1	<1	<1	<1	<1	1	<1	<1	<1	<1	<1	<1	<1	80
Carbon Disulfide	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<5	<5	800
Carbon tetrachloride	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	5.0 (A)
Chlorobenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	100 (A)
Chloroethane	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	430
2-Chloroethyl vinyl ether	NA	NA	NA	NA	NA	NA	NA	NA	NA	---	---	---	---	---	---	ID
Chloroform	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	100 (A,W)
Chloromethane	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	260
Dibromochloromethane	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	100 (A,W)
1,2-Dichlorobenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	600 (A,W)
1,3-Dichlorobenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	6.6
1,4-Dichlorobenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	75 (A)
1,1-Dichloroethene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	7.0 (A)
1,2-Dichloroethane	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	5.0 (A)
1,1-Dichloroethane	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	880
cis-1,2-Dichloroethene	36	38	19	24	61	<1	10	34	33	<1	<1	26	39	7	11	70 (A)
trans-1,2-Dichloroethene	<1	<1	<1	<1	3	<1	<1	2	1	1	1	1	1	<1	<1	100 (A)
1,2-Dichloropropane	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	5.0 (A)
cis-1,3-Dichloropropene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	21
trans-1,3-Dichloropropene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	21
2-Hexanone	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	1,000
Isopropyl benzene	<1	3	3	<1	<1	<1	24	13	<1	<1	<1	1	<1	3	25	800
p-Isopropyltoluene	NA	5	NA	NA	NA	NA	14	5	<1	<1	<1	<1	<1	2	8	NC
4-Methyl-2-pentanone	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	1,800
Methylene Chloride	<1	<1	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	5.0 (A)
Naphthalene	1	1	<1	<1	<1	<1	51	35	<1	---	---	3	<10	<5	56	520
n-Propylbenzene	<1	<1	2	<1	<1	<1	22	12	<1	<1	<1	3	<1	6	25	80
Styrene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	3	<1	100 (A)
1,1,2,2-Tetrachloroethane	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	8.5
Tetrachloroethene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	5.0 (A)
1,1,1-Trichloroethane	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	200 (A)
1,1,2-Trichloroethane	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	5.0 (A)
Trichloroethene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	5.0 (A)
Trichlorofluoromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1	<1	<1	<1	<1	<1	2,600
1,2,4-Trimethylbenzene	<1	<1	7	<1	<1	<1	**158**	58	<1	<1	<1	4	<1	16	**156**	63 (E)
1,3,5-Trimethylbenzene	<1	<1	3	<1	<1	<1	**80**	26	<1	<1	<1	1	<1	12	70	72 (E)
Vinyl Chloride	<1	<1	<1	<1	2	<1	<1	4	4	<1	<1	2	3	<1	<1	2.0 (A)

Notes:

< - Not detected above laboratory limits

NA - Not analyzed. NS - Not Sampled.

NC - No MDEQ criteria established

Bolded type denotes exceedance of MDEQ Part 201 Generic Residential Drinking Water criteria

(A) denotes criterion is State of Michigan Drinking Water Standard

(E) denotes criterion is the aesthetic drinking water value, as required by Sec. 20120 (1)(5)

(W) concentrations of trihalomethanes must be added together to determine compliance with the State of Michigan Drinking Water Standard of 100 ug/L.

* - higher detection limits due to matrix interference. ** - laboratory artifact.

Table 4
REALM - Die Storage Lot
Summary of Ground Water Analytical Results Since 1995
Volatile Organic Compounds (ug/L)

Well ID	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MDEQ Part 201 Generic Cleanup Criteria - Residential Drinking Water Criteria
Sample Date	4/24/1995	7/24/1995	10/28/1995	1/23/1996	5/8/1997	11/4/1997	5/7/1998	8/6/1998	11/10/1998	2/9/1999	5/3/1999	8/2/1999	12/13/1999	2/22/2000	4/15/2000	
Acetone	NA	NA	NA	NA	NA	NA	<50	<50	<50	<50	<50	<50	<50	<50	<50	730
Bromodichloromethane	<1	<1	<1	<1	<1	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1	100 (A,W)
Bromoform	<1	<1	<1	<1	<1	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1	100 (A,W)
Bromomethane	<1	<1	<1	<1	<1	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1	10
2-Butanone	NA	NA	NA	NA	NA	NS	<50	<50	<50	<50	<50	<50	<50	<50	<50	13,000
n-Butylbenzene	NA	NA	NA	NA	NA	NS	NA	NA	NA	<1	<1	<1	<1	<1	<1	80
sec-Butylbenzene	NA	NA	NA	NA	NA	NS	NA	NA	NA	<1	<1	<1	<1	<1	<1	80
tert-Butylbenzene	NA	NA	NA	NA	NA	NS	NA	NA	NA	<1	<1	<1	<1	<1	<1	80
Carbon Disulfide	NA	NA	NA	NA	NA	NS	<50	<50	<50	<50	<50	<50	<50	<50	<50	800
Carbon tetrachloride	<1	<1	<1	<1	<1	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1	5.0 (A)
Chlorobenzene	<1	<1	<1	<1	<1	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1	100 (A)
Chloroethane	<1	<1	<1	<1	<1	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1	430
2-Chloroethyl vinyl ether	<1	<1	<1	<1	<1	NS	<1	<1	<1	<1	<1	<1	NA	NA	NA	ID
Chloroform	<1	<1	<1	<1	<1	NS	<1	<1	<1	<1	1	<1	<1	<1	<1	100 (A,W)
Chloromethane	<1	<1	<1	<1	<1	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1	260
Dibromochloromethane	<1	NA	NA	<1	<1	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1	100 (A,W)
1,2-Dichlorobenzene	<1	<1	<1	<1	<1	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1	600 (A,W)
1,3-Dichlorobenzene	<1	<1	<1	<1	<1	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1	6.6
1,4-Dichlorobenzene	<1	<1	<1	<1	<1	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1	75 (A)
1,1-Dichloroethene	<1	<1	<1	<1	<1	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1	7.0 (A)
1,2-Dichloroethane	<1	<1	<1	<1	<1	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1	5.0 (A)
1,1-Dichloroethane	<1	<1	<1	<1	<1	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1	880
cis-1,2-Dichloroethene	<1	NA	<1	<1	NA	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1	70 (A)
trans-1,2-Dichloroethene	<1	<1	<1	<1	<1	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1	100 (A)
1,2-Dichloropropane	<1	<1	<1	<1	<1	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1	5.0 (A)
cis-1,3-Dichloropropene	<1	<1	<1	<1	<1	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1	21
trans-1,3-Dichloropropene	<1	<1	<1	<1	<1	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1	21
2-Hexanone	NA	NA	NA	NA	NA	NS	<50	<50	<50	<50	<50	<50	<50	<50	<50	1,000
Isopropyl benzene	NA	NA	NA	NA	NA	NS	NA	NA	NA	<1	<1	<1	<1	<1	<1	800
p-Isopropyltoluene	NA	NA	NA	NA	NA	NS	NA	NA	NA	<1	<1	<1	NA	NA	NA	NC
4-Methyl-2-pentanone	NA	NA	NA	NA	NA	NS	<50	<50	<50	<50	<50	<50	<50	<50	<50	1,800
Methylene Chloride	<1	<1	<1	<1	<1	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1	5.0 (A)
Naphthalene	NA	NA	NA	NA	NA	NS	NA	NA	NA	<1	<1	<1	<1	<1	3	520
n-Propylbenzene	NA	NA	NA	NA	NA	NS	NA	NA	NA	<1	<1	<1	<1	<1	<1	80
Styrene	NA	NA	NA	NA	<1	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1	100 (A)
1,1,2,2-Tetrachloroethane	<1	<1	<1	<1	<1	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1	8.5
Tetrachloroethene	<1	<1	<1	<1	<1	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1	5.0 (A)
1,1,1-Trichloroethane	<1	<1	<1	<1	<1	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1	200 (A)
1,1,2-Trichloroethane	<1	<1	<1	<1	<1	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1	5.0 (A)
Trichloroethene	<1	<1	<1	<1	<1	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1	5.0 (A)
Trichlorofluoromethane	NA	<1	NA	NA	<1	NS	<1	<1	<1	<1	<1	<1	NA	NA	NA	2,600
1,2,4-Trimethylbenzene	NA	NA	NA	NA	NA	NS	NA	NA	NA	<1	<1	<1	<1	<1	<1	63 (E)
1,3,5-Trimethylbenzene	NA	NA	NA	NA	NA	NS	NA	NA	NA	<1	<1	<1	<1	<1	<1	72 (E)
Vinyl Chloride	<1	<1	<1	<1	<1	NS	<1	<1	<1	<1	<1	<1	<1	<1	<1	2.0 (A)

Notes:

< - Not detected above laboratory limits

NA - Not analyzed. NS - Not Sampled.

NC - No MDEQ criteria established

Bolded type denotes exceedance of MDEQ Part 201 Generic Residential Drinking Water criteria

(A) denotes criterion is State of Michigan Drinking Water Standard

(E) denotes criterion is the aesthetic drinking water value, as required by Sec. 20120 (1)(5)

(W) concentrations of trihalomethanes must be added together to determine compliance with the State of Michigan Drinking Water Standard of 100 ug/L.

* - higher detection limits due to matrix interference. ** - laboratory artifact.

Table 4
REALM - Die Storage Lot
Summary of Ground Water Analytical Results Since 1995
Volatile Organic Compounds (ug/L)

Well ID	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MDEQ Part 201 Generic Cleanup Criteria - Residential Drinking Water Criteria
Sample Date	7/27/2000	10/30/2000	3/28/2001	7/2/2001	10/1/2001	12/27/2001	4/4/2002	6/27/2002	9/12/2002	12/31/2002	3/20/2003	6/19/2003	9/29/2003	12/16/2003	3/10/2004	
Acetone	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<30	<30	730
Bromodichloromethane	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	100 (A,W)
Bromoform	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	100 (A,W)
Bromomethane	<1	<1	<1	<1	<1	<1	<1	<5	<5	<5	<5	<5	<5	<1	<1	10
2-Butanone	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<30	<30	13,000
n-Butylbenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	80
sec-Butylbenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	80
tert-Butylbenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	80
Carbon Disulfide	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<5	<5	800
Carbon tetrachloride	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	5.0 (A)
Chlorobenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	100 (A)
Chloroethane	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	430
2-Chloroethyl vinyl ether	<1	<1	<1	NA	NA	NA	NA	NA	NA	---	---	---	---	---	---	ID
Chloroform	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	100 (A,W)
Chloromethane	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	260
Dibromochloromethane	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	100 (A,W)
1,2-Dichlorobenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	600 (A,W)
1,3-Dichlorobenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	6.6
1,4-Dichlorobenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	75 (A)
1,1-Dichloroethene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	7.0 (A)
1,2-Dichloroethane	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	5.0 (A)
1,1-Dichloroethane	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	880
cis-1,2-Dichloroethene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	70 (A)
trans-1,2-Dichloroethene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	100 (A)
1,2-Dichloropropane	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	5.0 (A)
cis-1,3-Dichloropropene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	21
trans-1,3-Dichloropropene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	21
2-Hexanone	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	1,000
Isopropyl benzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	800
p-Isopropyltoluene	NA	NA	NA	NA	NA	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	NC
4-Methyl-2-pentanone	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	1,800
Methylene Chloride	<1	<1	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	5.0 (A)
Naphthalene	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	---	<10	<10	<5	<5	520
n-Propylbenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	80
Styrene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	100 (A)
1,1,2,2-Tetrachloroethane	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	8.5
Tetrachloroethene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	5.0 (A)
1,1,1-Trichloroethane	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	200 (A)
1,1,2-Trichloroethane	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	5.0 (A)
Trichloroethene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	5.0 (A)
Trichlorofluoromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1	<1	<1	<1	<1	<1	2,600
1,2,4-Trimethylbenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	63 (E)
1,3,5-Trimethylbenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	72 (E)
Vinyl Chloride	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	2.0 (A)

Notes:

< - Not detected above laboratory limits

NA - Not analyzed. NS - Not Sampled.

NC - No MDEQ criteria established

Bolded type denotes exceedance of MDEQ Part 201 Generic Residential Drinking Water criteria

(A) denotes criterion is State of Michigan Drinking Water Standard

(E) denotes criterion is the aesthetic drinking water value, as required by Sec. 20120 (1)(5)

(W) concentrations of trihalomethanes must be added together to determine compliance with the State of Michigan Drinking Water Standard of 100 ug/L.

* - higher detection limits due to matrix interference. ** - laboratory artifact.

Table 5
REALM
Die Storage Lot
Ground Water Level Data

Well Location	Northing	Easting	Ground Elevation	TOC Elevation	May 12, 2005		November 22, 2005	
					Deph to Water	Groundwater Elevation	Deph to Water	Groundwater Elevation
MW-7	159,128.014	4,050,209.655	757.46	760.72	9.85	750.87	10.50	750.22
MW-12	159,110.570	4,050,465.395	757.40	760.67	12.98	747.69	14.50	746.17
SVE-1	159,006.369	4,050,456.653	758.21	761.20	N/A	N/A	12.37	748.83
SVE-2	159,040.039	4,050,384.698	757.98	760.11	N/A	N/A	13.37	746.74
SVE-3	159,121.364	4,050,312.640	757.59	760.63	N/A	N/A	Dry	N/A
OBG-MW-14	158,657.993	4,050,948.759	761.56	764.54	7.27	757.27	9.44	755.10
OBG-MW-15	158,920.033	4,050,323.910	758.76	761.65	18.11	743.54	18.05	743.60
OBG-MW-16	159,406.575	4,050,146.068	754.79	757.52	13.95	743.57	14.57	742.95
OBG-MW-17	159,255.493	4,050,191.124	754.20	758.81	11.68	747.13	13.84	744.97
OBG-MW-18	159,131.038	4,050,136.692	756.57	759.16	5.72	753.44	6.45	752.71
OBG-MW-19	158,832.134	4,050,128.096	758.40	761.46	7.20	754.26	6.75	754.71
OBG-MW-20	158,560.713	4,050,107.470	759.55	762.43	7.10	755.33	7.18	755.25
OBG-MW-21	159,244.094	4,050,311.469	756.91	759.87	13.90	745.97	15.49	744.38
OBG-MW-22	159,251.483	4,050,255.876	756.74	756.52	N/A	N/A	15.32	741.20

Notes:

Table 6
REALM
Die Storage Lot
Soil Analytical Results

Boring ID/ Sample Depth		MDEQ Part 201 Generic Cleanup Criteria - Statewide Default Background Levels	MDEQ Part 201 Generic Cleanup Criteria - Industrial Drinking Water Protection Criteria	MDEQ Part 201 Generic Cleanup Criteria - GSI Protection Criteria	MDEQ Part 201 Generic Cleanup Criteria - Industrial Soil Direct Contact Criteria	MDEQ Part 201 Generic Cleanup Criteria - Res. Soil Volatilization to Indoor Air Criteria	MDEQ Part 201 Generic Cleanup Criteria - Ind. Soil Volatilization to Indoor Air Criteria	Maximum Concentration Detected	OBG-200 8-10'	OBG-201 3-5'	OBG-202 2-4'	OBG-203 2-4'	OBG-204 5-7'	OBG-205 7-9'	OBG-206 8-10'	OBG-207 8-10'	OBG-208 5-7'	OBG-209 5-7'	OBG-210 4-6'	OBG-211 4-6'	OBG-212 4-6'
Sample Date	Units								4/12/2005	4/12/2005	4/12/2005	4/12/2005	4/12/2005	4/12/2005	4/13/2005	4/13/2005	4/13/2005	4/13/2005	4/13/2005	4/13/2005	4/13/2005
Benzene	ug/kg	NC	100	4,000 (X)	400,000 (C)	1,600	8,400	3,000	<50	<60	<50	<70	<60	<60	<50	<60	<60	<50	<50	<60	<60
Cyclohexane	ug/kg	NC	NC	NC	NC	NC	NC	130	--	--	--	--	--	--	--	--	--	--	--	--	--
Methyl cyclohexan	ug/kg	NC	NC	NC	NC	NC	NC	900	--	--	--	--	--	--	--	--	--	--	--	--	--
Methyl acetate	ug/kg	NC	NC	NC	NC	NC	NC	500	--	--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	ug/kg	NC	1,500	360	140,000 (C)	87,000	140,000 (C)	113,000	<50	<60	<50	10	<60	<60	<50	<60	<60	<50	<50	<60	<60
Isopropylbenzene	ug/kg	NC	260,000	ID	390,000 (C)	390,000 (C)	390,000 (C)	19,000	<50	<60	<50	<70	<60	<60	<50	<60	<60	<50	<50	<60	<60
4-Methyl-2-pentanone (MIBK)	ug/kg	NC	100,000	ID	2,700,000 (C)	2,700,000 (C)	2,700,000 (C)	2,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000
Toluene	ug/kg	NC	16,000	2,800	250,000 (C)	250,000 (C)	250,000 (C)	3,020,000	<50	<60	<50	90	<60	<70	<50	<60	290	<50	<50	<60	<60
1,2,4-Trimethylbenzene	ug/kg	NC	4,200	1,800	1,100,000 (C, DD)	1,100,000 (C)	110,000 (C)	40	<100	<100	<100	<100	<100	<100	<100	<100	<100	40	<100	<100	<100
Naphthalene	ug/kg	NC	35,000	870	52,000,000	250,000	470,000	70	<300	<400	<400	<400	<400	<400	<300	<400	<400	70	<300	<400	<400
o-xylenes	ug/kg	NC	5,600	700	150,000 (C)	150,000 (C)	150,000 (C)	125,000	<50	<60	<50	30	<60	<60	<50	<60	<60	40	<50	<60	<60
p,m-xylenes	ug/kg	NC	5,600	700	150,000 (C)	150,000 (C)	150,000 (C)	366,000	<50	<60	<50	60	<60	<60	<50	<60	40	60	<50	<60	<60
Barium	mg/kg	75	1,300	140 (G, X)	130,000	NLV	NLV	292	22.0	75.8	41.5	101.0	41.4	39.5	29.4	61.0	20.9	27.8	75.7	76.1	53.5
Lead - fine	mg/kg	21	700	840 (G, X)	900 (DD)	NLV	NLV	2,120	20.3	26.0	20.5	208.0	35.5	44.2	21.4	16.7	10.3	11.1	17.4	27.6	30.9
Lead - coarse	mg/kg	21	700	840 (G, X)	900 (DD)	NLV	NLV	149	4.5	10.0	5.3	102.0	5.1	26.7	5.9	5.3	4.1	5.5	7.2	9.7	6.7

Boring ID/ Sample Depth		MDEQ Part 201 Generic Cleanup Criteria - Statewide Default Background Levels	MDEQ Part 201 Generic Cleanup Criteria - Industrial Drinking Water Protection Criteria	MDEQ Part 201 Generic Cleanup Criteria - GSI Protection Criteria	MDEQ Part 201 Generic Cleanup Criteria - Industrial Soil Direct Contact Criteria	MDEQ Part 201 Generic Cleanup Criteria - Res. Soil Volatilization to Indoor Air Criteria	MDEQ Part 201 Generic Cleanup Criteria - Ind. Soil Volatilization to Indoor Air Criteria	Maximum Concentration Detected	OBG-213 4-6'	OBG-214 4-6'	OBG-215 4-6'	OBG-216 8-10'	OBG-217 6-8'	OBG-218 3-5'	OBG-219 3-5'	OBG-220 5-7'	OBG-221 5-7'	OBG-222 3-5'	OBG-223 6-8'	OBG-224 6-8'	OBG-225 8-10'
Sample Date	Units								4/13/2005	4/14/2005	4/14/2005	4/14/2005	4/14/2005	4/14/2005	4/14/2005	4/14/2005	4/14/2005	4/15/2005	4/15/2005	4/15/2005	4/15/2005
Benzene	ug/kg	NC	100	4,000 (X)	400,000 (C)	1,600	8,400	3,000	<50	<50	<50	<60	<60	<60	<60	<60	<70	<50	<60	<60	<60
Cyclohexane	ug/kg	NC	NC	NC	NC	NC	NC	130	--	--	--	--	--	--	--	--	--	--	--	--	--
Methyl cyclohexan	ug/kg	NC	NC	NC	NC	NC	NC	900	--	--	--	--	--	--	--	--	--	--	--	--	--
Methyl acetate	ug/kg	NC	NC	NC	NC	NC	NC	500	--	--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	ug/kg	NC	1,500	360	140,000 (C)	87,000	140,000 (C)	113,000	<50	<50	<50	<60	<60	<60	<60	<60	<70	<50	<60	<60	<60
Isopropylbenzene	ug/kg	NC	260,000	ID	390,000 (C)	390,000 (C)	390,000 (C)	19,000	<50	<50	<50	<60	<60	<60	<60	<60	<70	<50	<60	<60	<60
4-Methyl-2-pentanone (MIBK)	ug/kg	NC	100,000	ID	2,700,000 (C)	2,700,000 (C)	2,700,000 (C)	2,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000
Toluene	ug/kg	NC	16,000	2,800	250,000 (C)	250,000 (C)	250,000 (C)	3,020,000	<50	200	10	<60	50	<60	80	20	<70	<50	<60	<60	520
1,2,4-Trimethylbenzene	ug/kg	NC	4,200	1,800	1,100,000 (C, DD)	1,100,000 (C)	110,000 (C)	40	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
Naphthalene	ug/kg	NC	35,000	870	52,000,000	250,000	470,000	70	<300	<300	<400	<400	<400	<400	<400	<400	<400	<300	<400	<400	<400
o-xylenes	ug/kg	NC	5,600	700	150,000 (C)	150,000 (C)	150,000 (C)	125,000	<50	<50	<50	<60	<60	<60	<60	<60	<70	<50	<60	<60	<60
p,m-xylenes	ug/kg	NC	5,600	700	150,000 (C)	150,000 (C)	150,000 (C)	366,000	<50	<50	<50	<60	<60	<60	<60	<60	<70	<50	<60	<60	70
Barium	mg/kg	75	1,300	140 (G, X)	130,000	NLV	NLV	292	8.7	35.3	44.0	48.9	47.5	48.0	40.0	55.5	96.3	46.1	60.9	79.3	10.5
Lead - fine	mg/kg	21	700	840 (G, X)	900 (DD)	NLV	NLV	2,120	11.1	11.4	17.1	27.1	34.9	29.8	27.5	23.9	62.2	22.2	27.2	30.4	19.7
Lead - coarse	mg/kg	21	700	840 (G, X)	900 (DD)	NLV	NLV	149	2.9	5.7	4.8	5.4	6.8	8.5	5.6	5.7	13.2	6.8	6.0	16.9	3.7

Boring ID/ Sample Depth		MDEQ Part 201 Generic Cleanup Criteria - Statewide Default Background Levels	MDEQ Part 201 Generic Cleanup Criteria - Industrial Drinking Water Protection Criteria	MDEQ Part 201 Generic Cleanup Criteria - GSI Protection Criteria	MDEQ Part 201 Generic Cleanup Criteria - Industrial Soil Direct Contact Criteria	MDEQ Part 201 Generic Cleanup Criteria - Res. Soil Volatilization to Indoor Air Criteria	MDEQ Part 201 Generic Cleanup Criteria - Ind. Soil Volatilization to Indoor Air Criteria	Maximum Concentration Detected	OBG-226 8-10'	OBG-226 18-20'	OBG-227 2-4'	OBG-227 8-10'	OBG-228 8-10'	OBG-228 18-20'	OBG-229 6-8'	OBG-229 10-12'	OBG-230 6-8'	OBG-230 10-12'	OBG-231 3-5'	OBG-231 6-8'	HA-1 0-1'	HA-1 4-5'
Sample Date	Units								9/19/2005	9/19/2005	9/19/2005	9/19/2005	9/19/2005	9/19/2005	9/19/2005	9/19/2005	9/20/2005	9/20/2005	9/20/2005	9/20/2005	10/27/2005	10/27/2005
Benzene	ug/kg	NC	100	4,000 (X)	400,000 (C)	1,600	8,400	3,000	200	360	60	280	3,000	220	600	200	<60	<60	<60	<50	<60	<60
Cyclohexane	ug/kg	NC	NC	NC	NC	NC	NC	130	60	<50	<60	130	<6000	<50	<600	<600	<60	<60	<60	<50	<60	<60
Methyl cyclohexan	ug/kg	NC	NC	NC	NC	NC	NC	900	340	<50	100	370	4,000	<50	900	300	20	20	<60	<50	<60	<60
Methyl acetate	ug/kg	NC	NC	NC	NC	NC	NC	500	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	300	<3000	<3000	500	400	<3,000
Ethylbenzene	ug/kg	NC	1,500	360	140,000 (C)	87,000	140,000 (C)	113,000	4,970	<50	1,910	40	113,000	100	220	600	<60	<60	<60	7	7	<60
Isopropylbenzene	ug/kg	NC	260,000	ID	390,000 (C)	390,000 (C)	390,000 (C)	19,000	1,300	<50	570	730	19,000	20	16,200	2,000	20	60	<60	<50	<60	<60
4-Methyl-2-pentanone (MIBK)	ug/kg	NC	100,000	ID	2,700,000 (C)	2,700,000 (C)	2,700,000 (C)	2,000	2,000	900	100	90	<1,000,000	400	<3,000	<30,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000
Toluene	ug/kg	NC	16,000	2,800	250,000 (C)	250,000 (C)	250,000 (C)	3,020,000	4,130	760	290	<50	3,020,000	2,000	300	600	<60	<60	<60	<50	10	<60
1,2,4-Trimethylbenzene	ug/kg	NC	4,200	1,800	1,100,000 (C, DD)	1,100,000 (C)	110,000 (C)	40	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	ug/kg	NC	35,000	870	52,000,000	250,000	470,000	70	--	--	--	--	--	--	--	--	--	--	--	--	<300	<300
o-xylenes	ug/kg	NC	5,600	700	150,000 (C)	150,000 (C)	150,000 (C)	125,000	2,200	20	180	<50	125,000	80	80	<600	<60	<60	<60	9	20	<60
p,m-xylenes	ug/kg	NC	5,600	700	150,000 (C)	150,000 (C)	150,000 (C)	366,000	19,500	<50	10,900	4840	366,000	320	3,210	46,900	20	<60	<60	<50	<60	<60
Barium	mg/kg	75	1,300	140 (G, X)	130,000	NLV	NLV	292	76.5	33.4	292	49.5	37.0	31.0	125	26.9	80.0	60.4	41.0	55.5	22.7	23.0
Lead - fine	mg/kg	21	700	840 (G, X)	900 (DD)	NLV	NLV	2,120	23.7	12.8	2,120	30.1	9.4	18.1	66.2	20.7	29.2	20.2	26.9	16.1	82.0	8.8
Lead - coarse	mg/kg	21	700	840 (G, X)	900 (DD)	NLV	NLV	149	14.3	4.8	149	11.6	8.2	6.1	32.8	8.5	19.6	7.2	9.9	7.1	64.0	5.3

Notes:

	Exceeds GSI criteria only.
	Exceeds industrial drinking water criteria or both GSI and drinking water criteria.
	Only detected analytes shown.
(C)	Criteria is a screening level based on the chemical-specific generic soil saturation concentration (C_{sat})
(DD)	Hazardous substance causes developmental effects. Industrial direct contact criteria are protective for pregnant adult receptor.
(G)	Ground water surface water interface criterion depends on the pH or water hardness, or both of the receiving water.
(X)	The GSI criterion shown in the generic cleanup criteria tables is not protective for surface water that is used as a drinking water source.
ID	Means insufficient data to develop criterion.
NLV	Means hazardous substance is not likely to volatilize under most conditions.
NC	No criteria listed.
--	Not analyzed
	Soil GSI protection criteria for barium and lead were developed utilizing a hardness value of 50 ppm.

Table 6a
REALM
Die Storage Lot
Soil PNA Analytical Results

Boring ID/ Sample Depth		MDEQ Part 201 Generic Cleanup Criteria - Statewide Default Background Levels	MDEQ Part 201 Generic Cleanup Criteria - Industrial Drinking Water Protection Criteria	MDEQ Part 201 Generic Cleanup Criteria - GSI Protection Criteria	MDEQ Part 201 Generic Cleanup Criteria - Industrial Soil Direct Contact Criteria	MDEQ Part 201 Generic Cleanup Criteria - Res. Soil Volatilization to Indoor Air Criteria	MDEQ Part 201 Generic Cleanup Criteria - Ind. Soil Volatilization to Indoor Air Criteria	Maximum Concentration Detected	HA-1 0-1'	HA-1 0-1' Collocated	HA-1 4-5'	HA-1 4-5' Dup
Sample Date	Units								10/27/2005	10/27/2005	10/27/2005	10/27/2005
Acenaphthylene	ug/kg	NC	17,000	ID	5,200,000	1,600,000	3,000,000	30	<300	<300	<300	30
Anthracene	ug/kg	NC	41,000	ID	730,000,000	1,000,000,000 (D)	1,000,000,000 (D)	100	20	100	<300	90
Benzo(a)anthracene (Q)	ug/kg	NC	NLL	NLL	80,000	NLV	NLV	600	100	600	<300	600
Benzo(a)pyrene (Q)	ug/kg	NC	NLL	NLL	8,000	NLV	NLV	1,000	200	900	<300	1,000
Benzo(b)fluoranthene (Q)	ug/kg	NC	NLL	NLL	80,000	ID	ID	1,400	300	1,100	<300	1,400
Benzo(k)fluoranthene (Q)	ug/kg	NC	NLL	NLL	800,000	NLV	NLV	1,200	200	900	<300	1,200
Benzo(g,h,i)perylene	ug/kg	NC	NLL	NLL	7,000,000	NLV	NLV	900	200	800	<300	900
Chrysene (Q)	ug/kg	NC	NLL	NLL	8,000,000	ID	ID	1,200	300	1,000	<300	1,200
Dibenz(a,h)anthracene (Q)	ug/kg	NC	NLL	NLL	8,000	NLV	NLV	300	<300	200	<300	300
Fluoranthene	ug/kg	NC	730,000	5,500	130,000,000	1,000,000,000 (D)	1,000,000,000 (D)	2,300	600	2,100	40	2,300
Indeno(1,2,3-cd)pyrene (Q)	ug/kg	NC	NLL	NLL	80,000	NLV	NLV	800	200	700	<300	800
Phenanthrene	ug/kg	NC	160,000	5,300	5,200,000	2,800,000	5,100,000	600	200	600	<300	500
Pyrene	ug/kg	NC	480,000	ID	84,000,000	1,000,000,000 (D)	1,000,000,000 (D)	1,800	400	1,500	30	1,800

Notes:

	Exceeds GSI criteria only.
	Exceeds industrial drinking water criteria or both GSI and drinking water criteria.
	Only detected analytes shown.
(D)	Calculated criterion exceeds 100 percent, hence it is reduced to 100 percent or 1.0E+9 parts per billion (ppb).
(Q)	Criteria for carcinogenic polycyclic aromatic hydrocarbons were developed using relative potential potencies to benzo(a)pyrene.
ID	Means insufficient data to develop criterion.
NLL	Means hazardous substance is not likely to leach under most soil conditions.
NLV	Means hazardous substance is not likely to volatilize under most conditions.
NC	No criteria listed.
--	Not analyzed

Table 7
REALM
Die Storage Lot
Ground Water Analytical Results

Well ID		MDEQ Part 201 Generic Cleanup Criteria - Industrial Drinking Water Criteria	MDEQ Part 201 Generic Cleanup Criteria - GSI Criteria	MDEQ Part 201 Generic Cleanup Criteria - Ground Water Contact Criteria	MDEQ Part 201 Generic Cleanup Criteria - Res. GW Volatilization to Indoor Air Criteria	Maximum Concentration Detected	MW-7	MW-12	SVE-1	SVE-2	OBG-MW-14	OBG-MW-15	OBG-MW-16	OBG-MW-17	OBG-MW-18	OBG-MW-19	OBG-MW-20	OBG-MW-21	OBG-MW-22
Sample Date	Units						5/12/2005	5/12/2005	5/12/2005	5/12/2005	5/12/2005	5/12/2005	5/12/2005	5/12/2005	5/12/2005	5/12/2005	5/12/2005	5/12/2005	10/11/2005
Acetone	ug/L	2100	1,700	31,000,000	1,000,000,000 (D,S)	4	<30	<30	<60,000	<100	<30	<30	<30	<30	<30	<30	<30	<30	4
Benzene	ug/L	5 (A)	200 (X)	11,000	5,600	1,000	0.6	<1	1,000	267	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-Butanone	ug/L	38,000	2,200	240,000,000 (S)	240,000,000 (S)	9,000	<30	<30	9,000	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30
n-Butylbenzene	ug/L	230	ID	5,900	ID	6	6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	--
sec-Butylbenzene	ug/L	230	ID	4,400	ID	4	4	<1	<1	2	<1	<1	<1	<1	<1	<1	<1	<1	--
tert-Butylbenzene	ug/L	230	ID	8,900	ID	0.9	0.9	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	--
Chloromethane	ug/L	1,100	ID	490,000	8,600	1	<5	<5	<10,000	<30	1	<5	<5	1	<5	<5	<5	<5	<5
Cyclohexane	ug/L	NC	NC	NC	NC	0.6	--	--	--	--	--	--	--	--	--	--	--	--	0.6
Chlorobenzene	ug/L	100 (A)	47	86,000	210,000	0.7	<1	<1	<3000	<5	<1	<1	<1	<1	<1	<1	<1	<1	0.7
1,1-Dichloroethane	ug/L	2,500	740	2,400,000	100,000	0.5	<1	<1	<3000	<5	<1	<1	<1	<1	<1	<1	<1	<1	0.5
cis-1,2-Dichloroethene	ug/L	70 (A)	620	200,000	93,000	30	30	<1	<1	<1	<1	0.5	<1	<1	<1	<1	<1	<1	2
trans-1,2-Dichloroethene	ug/L	100 (A)	1,500	220,000	85,000	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.3
Ethylbenzene	ug/L	74 (E)	18	170,000 (S)	110,000	2,000	26	<1	2,000	9	<1	<1	<1	<1	<1	<1	<1	<1	0.1
Isopropyl benzene	ug/L	2,300	ID	56,000 (S)	56,000 (S)	66	27	<1	<1	66	<1	<1	<1	<1	<1	<1	<1	<1	<1
p-Isopropyltoluene	ug/L	NC	NC	NC	NC	4	3	<1	<1	4	<1	<1	<1	<1	<1	<1	<1	<1	--
2-Methylnaphthalene	ug/L	750	ID	25,000 (S)	ID	3	3	<5	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	--
4-Methyl-2-pentanone	ug/L	5,200	ID	13,000,000	20,000,000 (S)	300,000	<50	<50	300,000	20	<50	<50	<50	<50	<50	<50	<50	<50	<1
Methylene Chloride	ug/L	5.0 (A)	940 (X)	220,000	220,000	1	<5	<5	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Methyl Cyclohexane	ug/L	NC	NC	NC	NC	0.6	--	--	--	--	--	--	--	--	--	--	--	--	0.6
Naphthalene	ug/L	1,500	13	31,000 (S)	31,000 (S)	48	48	<5	<1	20	<5	1	<5	<5	<5	<5	<5	<5	--
n-Propylbenzene	ug/L	230	ID	15,000	ID	27	27	<1	<1	24	<1	<1	<1	<1	<1	<1	<1	<1	--
Toluene	ug/L	790 E)	140	530,000 (S)	530,000 (S)	134,000	<1	<1	134,000	149	<1	0.4	<1	<1	<1	<1	<1	<1	<1
1,2,4-Trimethylbenzene	ug/L	63 (E)	17	56,000 (S)	56,000 (S)	160	160	<1	<1	120	<1	<1	<1	<1	<1	<1	<1	<1	--
1,3,5-Trimethylbenzene	ug/L	72 (E)	45	61,000 (S)	61,000 (S)	39	33	<1	<1	39	<1	<1	<1	<1	<1	<1	<1	<1	--
Vinyl Chloride	ug/L	2.0 (A)	15	1,000	1,100	2	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	2
o-xylenes	ug/L	280 (E)	35	190,000 (S)	190,000 (S)	3,000	<1	<1	3,000	5	<1	<1	<1	<1	<1	<1	<1	<1	<1
p,m-xylenes	ug/L	280 (E)	35	190,000 (S)	190,000 (S)	6,000	3	<2	6,000	1,090	<2	<2	<2	<2	<2	<2	<2	<2	<1
Barium	mg/L	2.0 (A)	(G,X)	14,000,000	NLV	3.14	0.42	1.00	1.84	3.14	0.024	0.092	0.166	0.057	0.021	0.087	0.095	0.144	0.4
Lead	mg/L	0.004 (L)	(G,X)	ID	NLV	0.059	<0.003	<0.003	0.003	0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	0.059

Notes:

	Exceeds GSI criteria only.
	Exceeds industrial drinking water criteria or both GSI and drinking water criteria.
	Only detected analytes shown.
(A)	Criteria is the state of Michigan drinking water standard.
(E)	Criteria is the aesthetic drinking water value.
(G)	Ground water surface water interface criterion depends on the pH or water hardness, or both of the receiving water.
(L)	Criteria for lead are derived using a biologically based model, and are not calculated using the algorithms and assumptions specified in pathway-specific rules.
(S)	Criterion defaults to the hazardous substance-specific water solubility limit.
(X)	The GSI criterion shown in the generic cleanup criteria tables is not protective for surface water that is used as a drinking water source.
ID	Means insufficient data to develop criterion.
NLV	Means hazardous substance is not likely to volatilize under most conditions.
NC	No criteria listed.
--	Not analyzed

FIGURE 1

REALM
DIE STORAGE LOT
FLINT, MICHIGAN

SITE LOCATION MAP

N

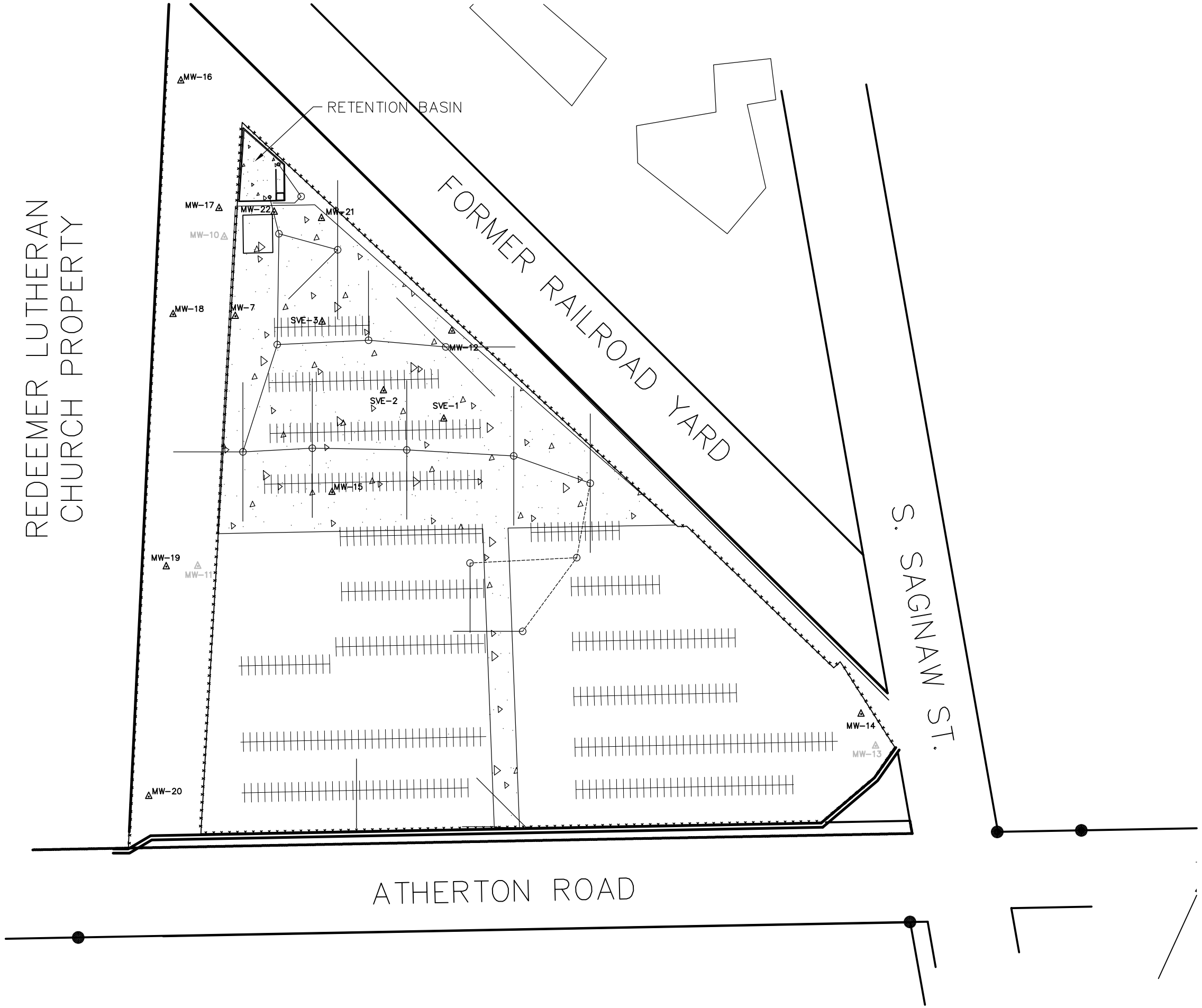
0 500 1,000 2,000 3,000 4,000
Feet

DATE: 11/24/03
FILE: 4966/34573/001.MXD

O'BRIEN & GERE ENGINEERS, INC.

PATH: I:\PROJECTS\4966 GM\34573 Die Storage Lot Invest\dwg\002.DWG

REDEEMER LUTHERAN
CHURCH PROPERTY



LEGEND

MW-14 MONITORING WELL

MW-13 ABANDONED MONITORING WELL

SITE LAYOUT

REALM
DIE STORAGE LOT
FLINT, MICHIGAN

FIGURE 2

1"=120' 60 0 60

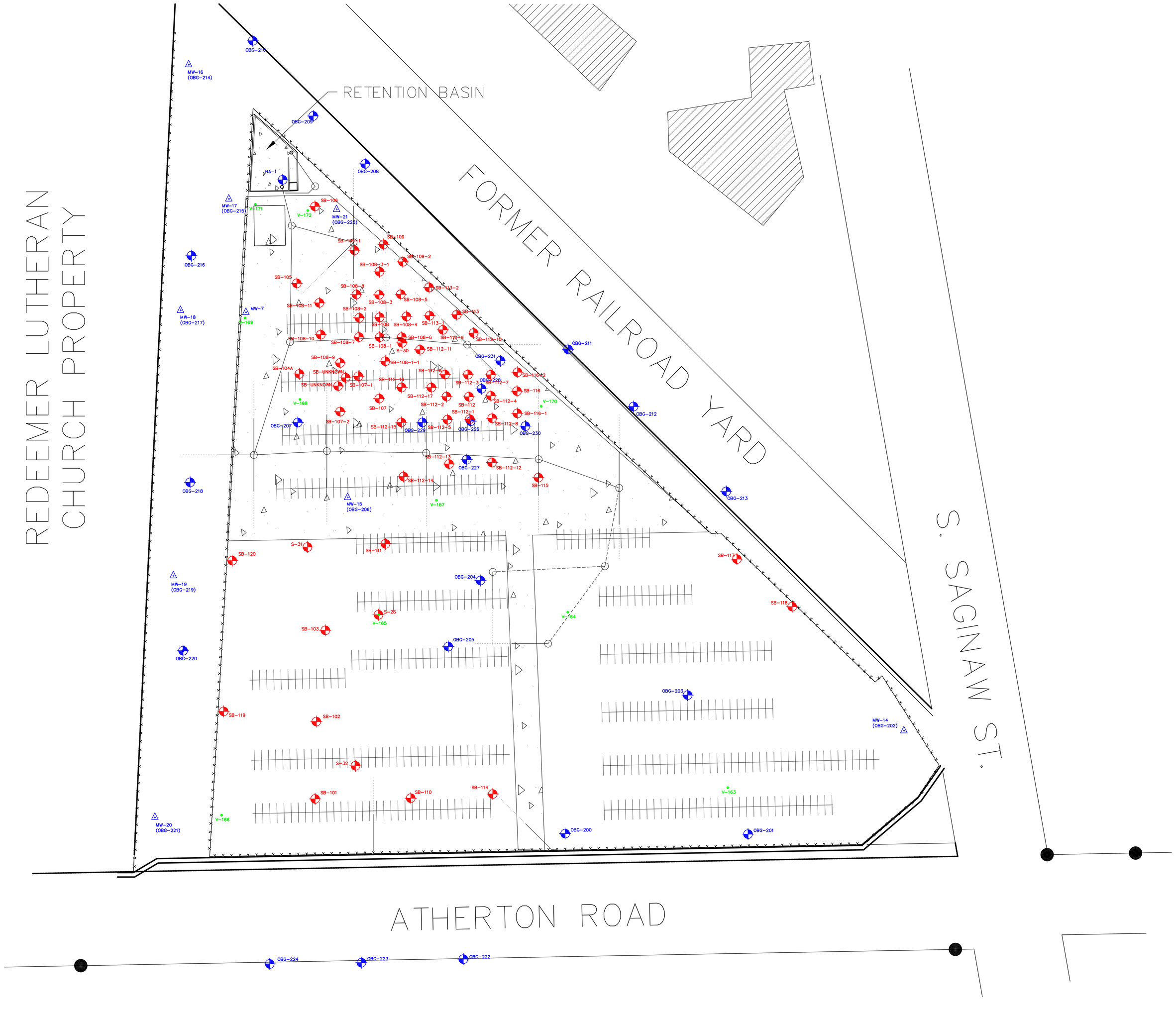
FILE NO. 4966.34573-002
JULY 2008

O'BRIEN & GERE
ENGINEERS, INC.

PLOT DATE: 6/17/08 078 LAT

PATH: I:\PROJECTS\4966.GM\34573 Die Storage Lot Invest\dwg\002.DWG

FIGURE 3



LEGEND

SB-112-12 HISTORICAL SOIL BORING

DBG-228 NEW SOIL BORING

V-164 VAPOR PROBE

REALM
DIE STORAGE LOT
FLINT, MICHIGAN

HISTORICAL & NEW
SOIL BORING
LOCATIONS

1"=60' 60 0 60

FILE NO. 4966.34573-002
DECEMBER 2007

O'BRIEN & GERE
ENGINEERS, INC.

PLOT DATE: 12/18/07 jmo

FIGURE 4

REDEEMER LUTHERAN CHURCH PROPERTY

RETENTION BASIN

FORMER RAILROAD YARD

S. SAGINAW ST.

MW-16
MW-17
MW-22
MW-21
MW-10
MW-18
MW-7
SVE-3
MW-12
SVE-2
SVE-1
MW-15
MW-19
MW-11
MW-14
MW-13
MW-20

LEGEND

MW-14 ▲ MONITORING WELL

MW-13 ▲ ABANDONED MONITORING WELL

NOTES:
1. MONITORING WELLS DEPICTED IN HALFTONE HAVE BEEN ABANDONED.

2. MW-10 REQUIRES CARE WHEN DEALING WITH THE RISER.

REALM
DIE STORAGE LOT
FLINT, MICHIGAN

MONITORING WELL LOCATIONS

100 0 100
1"=100'

FILE NO. 4966.34573-002
MARCH 2006

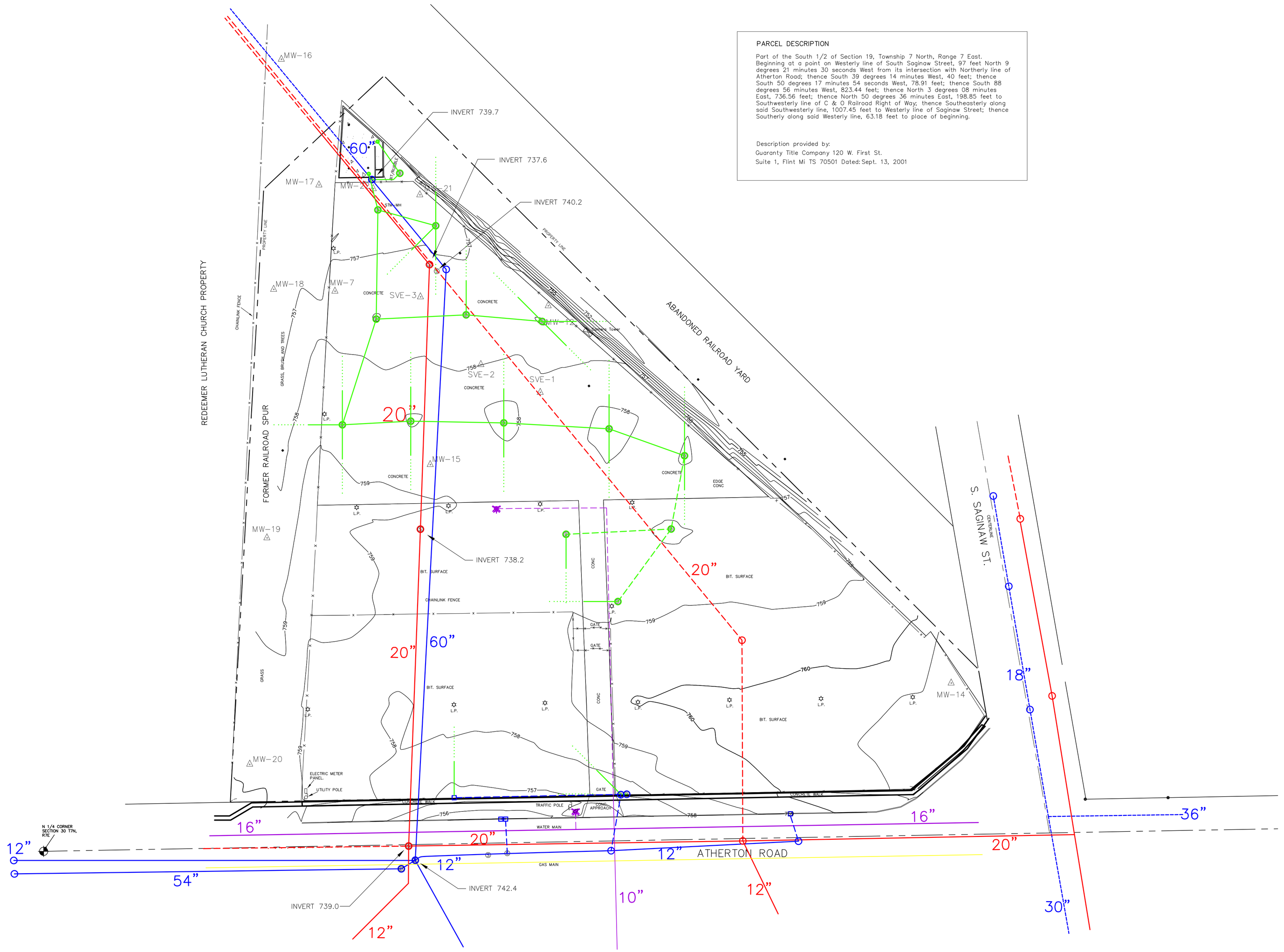
O'BRIEN & GERE ENGINEERS INC.

DWG PATH: I:\PROJECTS\4966 GM\34573 Die Storage Lot Invest\dwg\002.DWG

PLOT DATE: 02/24/06 078 LAT

PATH: I:\PROJECTS\4966.GM\34573 Die Storage Lot Invest\dwg\008.DWG

PLOT DATE: 05/08/06 078 LAT



PARCEL DESCRIPTION

Part of the South 1/2 of Section 19, Township 7 North, Range 7 East. Beginning at a point on Westerly line of South Saginaw Street, 97 feet North 9 degrees 21 minutes 30 seconds West from its intersection with Northerly line of Atherton Road; thence South 39 degrees 14 minutes West, 40 feet; thence South 50 degrees 17 minutes 54 seconds West, 78.91 feet; thence South 88 degrees 56 minutes West, 823.44 feet; thence North 3 degrees 08 minutes East, 736.56 feet; thence North 50 degrees 36 minutes East, 198.85 feet to Southwesterly line of C & O Railroad Right of Way; thence Southeasterly along said Southwesterly line, 1007.45 feet to Westerly line of Saginaw Street; thence Southerly along said Westerly line, 63.18 feet to place of beginning.

Description provided by:
Guaranty Title Company 120 W. First St.
Suite 1, Flint MI TS 70501 Dated: Sept. 13, 2001

LEGEND

- CLEAN OUT
- ELEC. RISER
- FIRE HYDRANT
- ELEC. TRANSFORMER
- GUY ANCHOR
- VENT
- LIGHT POLE
- WATER STOP BOX
- WATER VALVE
- SPEAKER BOX
- POWER POLE
- ROUND CATCH BASIN
- SIGN
- SQUARE CATCH BASIN
- TELEPHONE RISER
- SET IRON
- FOUND IRON
- E ELECTRIC
- G GAS
- X FENCE
- MONITORING WELL
- SURVEYED STM. MANHOLE
- SURVEYED SAN. MANHOLE
- PRIVATE DRAINAGE MANHOLE
- STORM SEWER MANHOLE
- SANITARY SEWER MANHOLE
- PRIVATE DRAINAGE LINE
- STORM SEWER
- SANITARY SEWER
- WATER LINE

NOTE:
1. DASHED UTILITY INDICATES INFERRED OR APPROXIMATE LOCATION.

REALM
DIE STORAGE LOT
FLINT, MICHIGAN

SITE FEATURES/ UTILITY MAP

FIGURE 5

1"=60' 60 0 60

FILE NO. 4966.34573-008
MAY 2006

O'BRIEN & GERE
ENGINEERS, INC.

PATH: I:\PROJECTS\4966 GM\34573 Die Storage Lot Invest\dwg\002.DWG

REDEEMER LUTHERAN CHURCH PROPERTY

RETENTION BASIN

FORMER RAILROAD YARD

S. SAGINAW ST.

ATHERTON ROAD

2'
4'
6'
8'
10'

FIGURE 6

LEGEND

- SB-112-12 HISTORICAL SOIL BORING
- DBG-228 NEW SOIL BORING
- V-164 VAPOR PROBE

NOTE:
1. APPROXIMATE FILL THICKNESS IS BASED ON SOIL BORING LOG INFORMATION.
2. NUMBERS LISTED IN PARENTHESES INDICATE REPORTED FILL THICKNESS FOR SOIL BORING. A LISTING OF 'N/A' INDICATES FILL DATA IS NOT AVAILABLE.
3. CONTOURS ARE AT 2' INTERVALS

REALM
DIE STORAGE LOT
FLINT, MICHIGAN

APPROXIMATE FILL THICKNESS MAP

1"=60' 60 0 60

FILE NO. 4966.34573-002
MARCH 2006

O'BRIEN & GERE ENGINEERS, INC.

PLOT DATE: 02/24/06 078 LAT

PATH: I:\PROJECTS\4966 GM\34573 Die Storage Lot Invest\dwg\002.DWG

FIGURE 7

LEGEND

SB-112-12 — HISTORICAL SOIL BORING

OBG-229 — NEW SOIL BORING

V-164 — VAPOR PROBE

NOTE:
1. APPROXIMATE FILL THICKNESS IS BASED ON SOIL BORING LOG INFORMATION.
2. NUMBERS LISTED IN PARENTHESES INDICATE REPORTED FILL THICKNESS FOR SOIL BORING. A LISTING OF 'N/A' INDICATES FILL DATA IS NOT AVAILABLE.
3. CONTOURS ARE AT 5' INTERVALS

REALM
DIE STORAGE LOT
FLINT, MICHIGAN

APPROXIMATE BASE OF FILL CONTOUR MAP

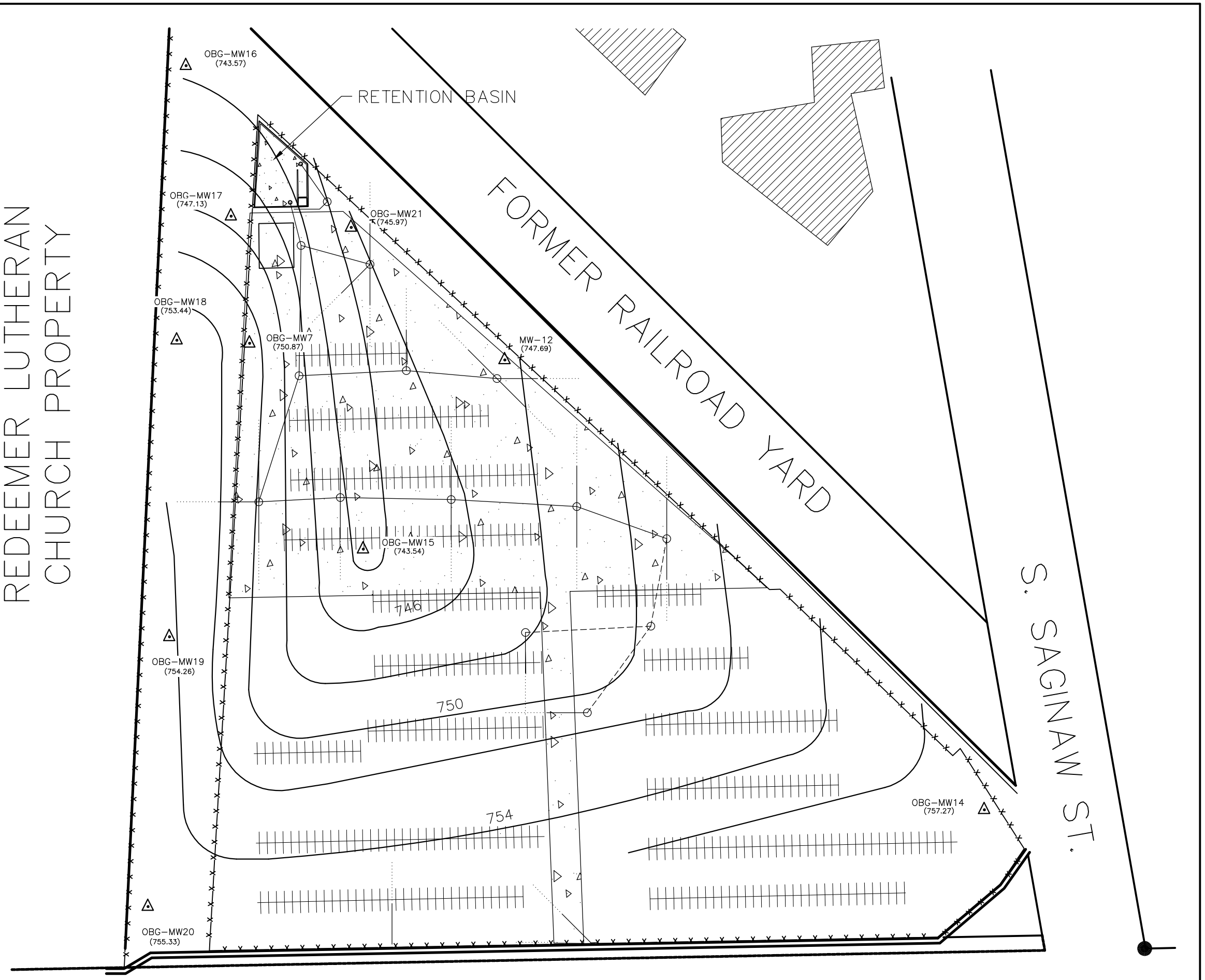
1"=60' 60 0 60

FILE NO. 4966.34573-002
MARCH 2006

O'BRIEN & GERE ENGINEERS, INC.

PLOT DATE: 02/24/06 07B LAT

FIGURE 8



REDEEMER LUTHERAN CHURCH PROPERTY

LEGEND

△ MONITORING WELL LOCATION

(744.00) GROUND WATER ELEVATIONS

REALM
DIE STORAGE LOT
FLINT, MICHIGAN

GROUND WATER CONTOUR MAP (MAY 12, 2005)

100 0 100

1"=100'

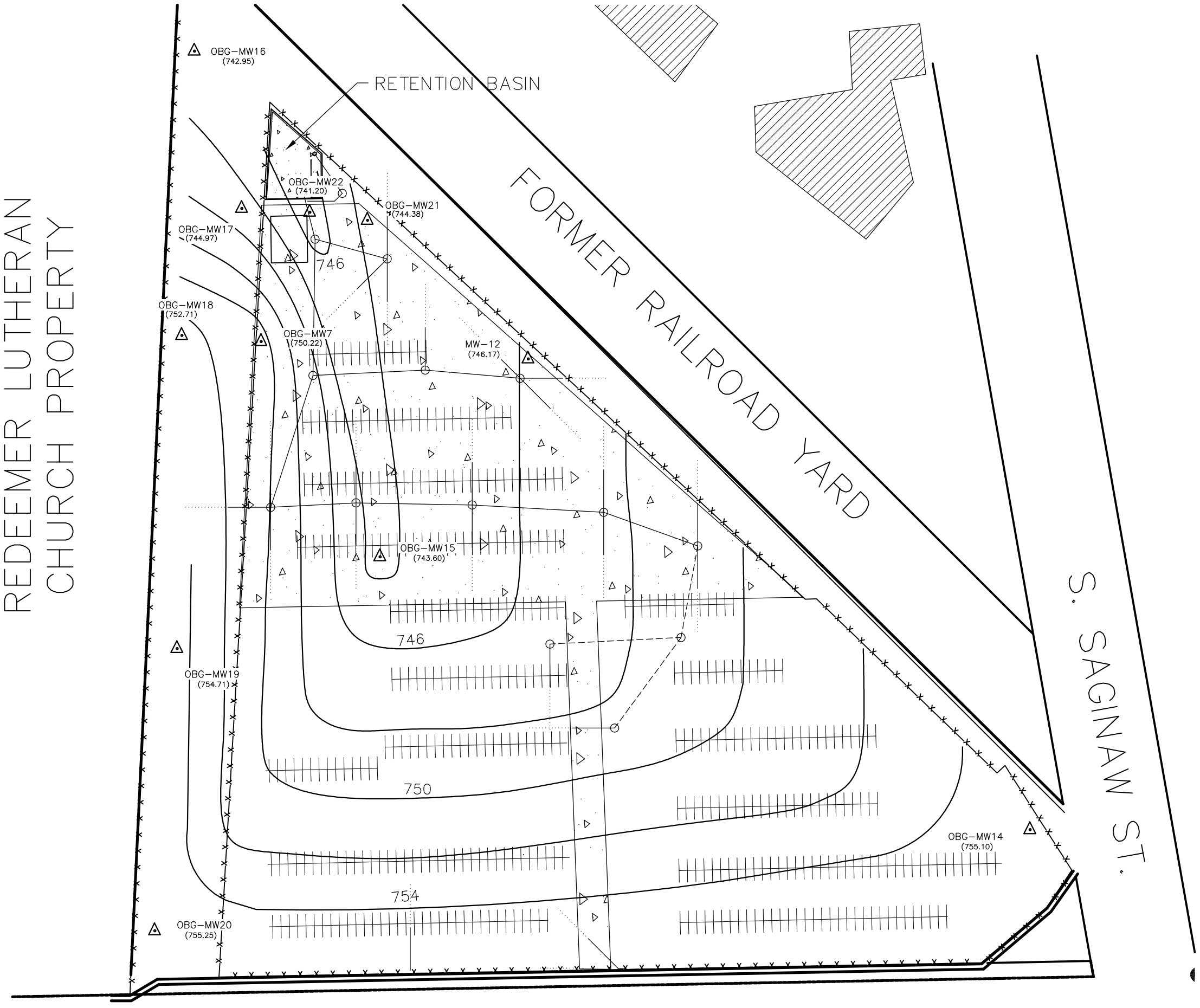
FILE NO. 4966.34573–002
MARCH 2006

O'BRIEN & GERE ENGINEERS INC.

DWG PATH: I:\PROJECTS\4966 GM\34573 Die Storage Lot Invest\dwg\002.DWG

PLOT DATE: 02/24/06 078 LAT

FIGURE 9



LEGEND

△ MONITORING WELL LOCATION

(744.00) GROUND WATER ELEVATIONS

REALM
DIE STORAGE LOT
FLINT, MICHIGAN

GROUND WATER CONTOUR MAP (NOVEMBER 22, 2005)

100 0 100

1"=100'

FILE NO. 4966.34573–002
MARCH 2006

O'BRIEN & GERE ENGINEERS INC.

DWG PATH: I:\PROJECTS\4966 GM\34573 Die Storage Lot Invest\dwg\002.DWG

PLOT DATE: 02/24/06 078 LAT

O'BRIEN & GERE ENGINEERS, INC.

SOIL BORING LOG

BORING I.D.: OBG-200

CLIENT:	General Motors
PROJECT NAME:	Die Storage Lot Investigation
PROJECT LOCATION:	Flint, Michigan
FILE NO.:	4966/34573
BORING COMPANY:	Prosonic Corporation
FOREMAN:	Chris Barden
OBG GEOLOGIST:	Mike Robison
Boring Location:	In parking lot at south end of Die Storage Lot
Drilling equipment:	CME 85, 4.25-inch I.D. hollow-stem auger
Sampling equipment:	Stainless steel macro-core sampler, 5 ft by 2" dia.
Borehole Diameter:	8 inches
Total Depth:	20 feet below grade
Start date:	4/12/2005
Completion date:	4/12/2005

Surface Elevation (ft MSL):
Top of Casing Elevation (ft MSL):
Northing:
Easting:
Depth to ground water:

LEGEND: Cement/grout; Screen; #0 Sand Pack; Riser; Bentonite

DEPTH BELOW GRADE	CORE INTERVAL (ft bg)	PENETR/ RECOVERY (ft bg)	Analytical Sample Interval (ft bg)	SAMPLE DESCRIPTION	STRATUM CHANGE GENERAL DESCRIPT	Equipment Installed	Field Testing PID Headspace
0	0 - 5	full		asphalt			
				moderate yellowish brown 10 YR 5/4, moist silty SAND	3"		
1							
2							0.0
3				moderate yellowish brown 10 YR 5/4, damp silty CLAY	3'		
4							0.0
5	5 - 10	full		moderate yellowish brown 10 YR 5/4, moist soft SILT, little clay	5'		
6							0.0
7							
8			*	moderate yellowish brown 10 YR 5/4, damp silty CLAY	8'		0.0
9							
10	10 - 15	full					0.0
11							
12				light olive gray 5Y 5/2, damp CLAY, medium plasticity	12'		0.0
13							
14							
15	15 - 20	full		as above, soft, wet	15'		
16							
17							
18				2-inch wet SAND seam	18'		
				light olive gray 5Y 5/2, moist soft CLAY	18' 2"		
19							
20							
				End of Boring at 20 fbg			
21							
22							
23							

Notes:
1. Subsequent to soil sampling activities the borehole was backfilled with bentonite and asphalt patch at surface.
2. 5 ft hydraulic probe macro core sampler used, therefore no blow counts.
3. * denotes top of 2-ft discrete soil sample interval collected for laboratory analysis.

O'BRIEN & GERE ENGINEERS, INC.

SOIL BORING LOG

BORING I.D.: OBG-201

PAGE 1 OF 1

CLIENT:	General Motors
PROJECT NAME:	Die Storage Lot Investigation
PROJECT LOCATION:	Flint, Michigan
FILE NO.:	4966/34573
BORING COMPANY:	Prosonic Corporation
FOREMAN:	Chris Barden
OBG GEOLOGIST:	Mike Robison
Boring Location:	In parking lot at southeastern end of Die Storage Lot
Drilling equipment:	CME 85, 4.25-inch I.D. hollow-stem auger
Sampling equipment:	Stainless steel macro-core sampler, 5 ft by 2" dia.
Borehole Diameter:	8 inches
Total Depth:	20 feet below grade
Start date:	4/12/2005
Completion date:	4/12/2005

Surface Elevation (ft MSL):
Top of Casing Elevation (ft MSL):
Northing:
Easting:
Depth to ground water:

LEGEND: Cement/grout, Screen, #0 Sand Pack, Riser, Bentonite

DEPTH BELOW GRADE	CORE INTERVAL (ft bg)	PENETR/ RECOVERY (ft bg)	Analytical Sample Interval (ft bg)	SAMPLE DESCRIPTION	STRATUM CHANGE GENERAL DESCRIPT	Equipment Installed	Field Testing PID Headspace
0	0 - 5	full		asphalt			
				moderate yellowish brown 10 YR 5/4, damp silty SAND, gravel	3"		
1							
2				moderate yellowish brown 10 YR 5/4, moist SAND, little clay	2'		0.0
3			*				
4							0.0
5	5 - 10	full		dark yellow orange 10 YR 6/6, wet sandy SILT	5'		
6							0.0
7							
8							0.0
9							
10	10 - 15	full					0.0
11							
12				light olive gray 5Y 5/2, moist CLAY, medium plasticity	12'		0.0
13							
14							
15	15 - 20	full					
16							
17							
18							
19							
20							
21				End of Boring at 20 fbg			
22							
23							

Notes:
1. Subsequent to soil sampling activities the borehole was backfilled with bentonite and asphalt patch at surface.
2. 5 ft hydraulic probe macro core sampler used, therefore no blow counts.
3. * denotes top of 2-ft discrete soil sample interval collected for laboratory analysis.

O'BRIEN & GERE ENGINEERS, INC.

SOIL BORING LOG

BORING I.D.: OBG-202

PAGE 1 OF 1

CLIENT:	General Motors
PROJECT NAME:	Die Storage Lot Investigation
PROJECT LOCATION:	Flint, Michigan
FILE NO.:	4966/34573
BORING COMPANY:	Prosonic Corporation
FOREMAN:	Chris Barden
OBG GEOLOGIST:	Mike Robison
Boring Location:	In parking lot at southeastern corner of Die Storage Lot
Drilling equipment:	CME 85, 4.25-inch I.D. hollow-stem auger
Sampling equipment:	Stainless steel macro-core sampler, 5 ft by 2" dia.
Borehole Diameter:	8 inches
Total Depth:	20 feet below grade
Start date:	4/12/2005
Completion date:	4/12/2005
Surface Elevation (ft MSL):	
Top of Casing Elevation (ft MSL):	
Northing:	
Easting:	
Depth to ground water:	

LEGEND: Cement/grout, #0 Sand Pack, Bentonite, Screen, Riser

DEPTH BELOW GRADE	CORE INTERVAL (ft bg)	PENETR/ RECOVERY (ft bg)	Analytical Sample Interval (ft bg)	SAMPLE DESCRIPTION	STRATUM CHANGE GENERAL DESCRIPT	Equipment Installed	Field Testing PID Headspace
0	0 - 5	full		asphalt			
				grayish olive 10 Y 4/2, damp clayey SILT, soft	3"		
1							
2			*				0.0
3				moderate yellowish brown 10 YR 5/4, damp CLAY	3'		
4							0.0
5	5 - 10	full		moderate yellowish brown 10 YR 5/4, wet fine SAND	4.5'		
6				moderate yellowish brown 10 YR 5/4, moist silty CLAY	5.5'		0.0
7							
8							0.0
9							
10	10 - 15	full		as above, damp	10'		0.0
11							
12				as above, light olive gray	12'		0.0
13							
14							
15	15 - 20	full					
16							
17							
18							
19							
20							
21				End of Boring at 20 fbg			
22							
23							

Notes:
1. Subsequent to soil sampling activities the borehole was backfilled with bentonite and asphalt patch at surface.
2. 5 ft hydraulic probe macro core sampler used, therefore no blow counts.
3. * denotes top of 2-ft discrete soil sample interval collected for laboratory analysis.
4. Subsequent to soil sampling activities a monitoring well was installed using 2-inch PVC riser flush threaded to a 10 ft length of 0.010 inch slot PVC well screen.

O'BRIEN & GERE ENGINEERS, INC.

SOIL BORING LOG

BORING I.D.: OBG-203

PAGE 1 OF 1

CLIENT:	General Motors
PROJECT NAME:	Die Storage Lot Investigation
PROJECT LOCATION:	Flint, Michigan
FILE NO.:	4966/34573
BORING COMPANY:	Prosonic Corporation
FOREMAN:	Chris Barden
OBG GEOLOGIST:	Mike Robison
Boring Location:	In parking lot at southeastern end of Die Storage Lot
Drilling equipment:	CME 85, 4.25-inch I.D. hollow-stem auger
Sampling equipment:	Stainless steel macro-core sampler, 5 ft by 2" dia.
Borehole Diameter:	8 inches
Total Depth:	20 feet below grade
Start date:	4/12/2005
Completion date:	4/12/2005
Surface Elevation (ft MSL):	
Top of Casing Elevation (ft MSL):	
Northing:	
Easting:	
Depth to ground water:	

LEGEND: Cement/grout; Screen; #0 Sand Pack; Riser; Bentonite

DEPTH BELOW GRADE	CORE INTERVAL (ft bg)	PENETR/ RECOVERY (ft bg)	Analytical Sample Interval (ft bg)	SAMPLE DESCRIPTION	STRATUM CHANGE GENERAL DESCRIPT	Equipment Installed	Field Testing PID Headspace
0	0 - 5	full		asphalt			
1				moderate yellowish brown 10 YR 5/4, dry to damp silty SAND	3"		
2			*	as above, black cinders, slag (FILL)	2'		0.0
3				moderate yellowish brown 10 YR 5/4, moist silty CLAY	3'		
4							0.0
5	5 - 10	full		moderate yellowish brown 10 YR 5/4, wet SILT, little sand	5'		
6							0.0
7				moderate yellowish brown 10 YR 5/4, wet silty CLAY, soft	7'		
8							0.0
9				as above, some sand	9'		
10	10 - 15	full		moderate yellowish brown 10 YR 5/4, wet fine to coarse SAND	10'		0.0
11							
12				as above, some clay	12'		0.0
13							
14				light olive gray 5Y 5/2, moist silty CLAY	14'		
15	15 - 20	full					
16							
17							
18							
19							
20							
21				End of Boring at 20 fbg			
22							
23							

Notes:
1. Subsequent to soil sampling activities the borehole was backfilled with bentonite and asphalt patch at surface.
2. 5 ft hydraulic probe macro core sampler used, therefore no blow counts.
3. * denotes top of 2-ft discrete soil sample interval collected for laboratory analysis.

O'BRIEN & GERE ENGINEERS, INC.

SOIL BORING LOG

BORING I.D.: OBG-204

PAGE 1 OF 1

CLIENT:	General Motors
PROJECT NAME:	Die Storage Lot Investigation
PROJECT LOCATION:	Flint, Michigan
FILE NO.:	4966/34573
BORING COMPANY:	Prosonic Corporation
FOREMAN:	Chris Barden
OBG GEOLOGIST:	Mike Robison
Boring Location:	In parking lot at central portion of Die Storage Lot
Drilling equipment:	CME 85, 4.25-inch I.D. hollow-stem auger
Sampling equipment:	Stainless steel macro-core sampler, 5 ft by 2" dia.
Borehole Diameter:	8 inches
Total Depth:	20 feet below grade
Start date:	4/12/2005
Completion date:	4/12/2005
Surface Elevation (ft MSL):	
Top of Casing Elevation (ft MSL):	
Northing:	
Easting:	
Depth to ground water:	

LEGEND: Cement/grout; Screen; #0 Sand Pack; Riser; Bentonite

DEPTH BELOW GRADE	CORE INTERVAL (ft bg)	PENETR/ RECOVERY (ft bg)	Analytical Sample Interval (ft bg)	SAMPLE DESCRIPTION	STRATUM CHANGE GENERAL DESCRIPT	Equipment Installed	Field Testing PID Headspace
0	0 - 5	full		asphalt			
				moderate yellowish brown 10 YR 5/4, damp silty CLAY	3"		
1							
2				moderate yellowish brown 10 YR 5/4, moist clayey SILT	2'		0.0
3							
4							0.0
5	5 - 10	full	*				
6							0.0
7				as above, wet sand	7'		
8				moderate yellowish brown 10 YR 5/4, moist silty CLAY	8'		0.0
9							
10	10 - 15	full		light olive gray 5Y 5/2, moist silty CLAY	10'		0.0
11							
12							0.0
13							
14				light olive gray 5Y 5/2, wet SAND	14'		
15	15 - 20	full		light olive gray 5Y 5/2, moist silty CLAY	15'		
16							
17							
18							
19				light olive gray 5Y 5/2, wet SAND	19'		
20							
				End of Boring at 20 fbg			
21							
22							
23							

Notes:
1. Subsequent to soil sampling activities the borehole was backfilled with bentonite and asphalt patch at surface.
2. 5 ft hydraulic probe macro core sampler used, therefore no blow counts.
3. * denotes top of 2-ft discrete soil sample interval collected for laboratory analysis.

O'BRIEN & GERE ENGINEERS, INC.

SOIL BORING LOG

BORING I.D.: OBG-205

PAGE 1 OF 1

CLIENT:	General Motors
PROJECT NAME:	Die Storage Lot Investigation
PROJECT LOCATION:	Flint, Michigan
FILE NO.:	4966/34573
BORING COMPANY:	Prosonic Corporation
FOREMAN:	Chris Barden
OBG GEOLOGIST:	Mike Robison
Boring Location:	In parking lot at central portion of Die Storage Lot
Drilling equipment:	CME 85, 4.25-inch I.D. hollow-stem auger
Sampling equipment:	Stainless steel macro-core sampler, 5 ft by 2" dia.
Borehole Diameter:	8 inches
Total Depth:	20 feet below grade
Start date:	4/12/2005
Completion date:	4/12/2005

Surface Elevation (ft MSL):
Top of Casing Elevation (ft MSL):
Northing:
Easting:
Depth to ground water:

LEGEND: Cement/grout, Screen, #0 Sand Pack, Riser, Bentonite

DEPTH BELOW GRADE	CORE INTERVAL (ft bg)	PENETR/ RECOVERY (ft bg)	Analytical Sample Interval (ft bg)	SAMPLE DESCRIPTION	STRATUM CHANGE GENERAL DESCRIPT	Equipment Installed	Field Testing PID Headspace
0	0 - 5	full		asphalt			
				moderate yellowish brown 10 YR 5/4, damp silty SAND	3"		
1				moderate yellowish brown 10 YR 5/4, damp fine SAND	1'		
2							0.0
3							
4				moderate yellowish brown 10 YR 5/4, moist sandy CLAY, soft	4'		0.0
5	5 - 10	full					
6							0.0
7			*				
8							0.0
9				moderate yellowish brown 10 YR 5/4,wet fine to coarse SAND	9'		
10	10 - 15	full					0.0
11							
12							0.0
13							
14				light olive gray 5Y 5/2, moist silty CLAY	14'		
15	15 - 20	full					
16							
17							
18							
19							
20							
				End of Boring at 20 fbg			
21							
22							
23							

Notes:
1. Subsequent to soil sampling activities the borehole was backfilled with bentonite and asphalt patch at surface.
2. 5 ft hydraulic probe macro core sampler used, therefore no blow counts.
3. * denotes top of 2-ft discrete soil sample interval collected for laboratory analysis.

O'BRIEN & GERE ENGINEERS, INC.

SOIL BORING LOG

BORING I.D.: OBG-206

PAGE 1 OF 1

CLIENT:	General Motors
PROJECT NAME:	Die Storage Lot Investigation
PROJECT LOCATION:	Flint, Michigan
FILE NO.:	4966/34573
BORING COMPANY:	Prosonic Corporation
FOREMAN:	Chris Barden
OBG GEOLOGIST:	Mike Robison
Boring Location:	In parking lot at central portion of Die Storage Lot
Drilling equipment:	CME 85, 4.25-inch I.D. hollow-stem auger
Sampling equipment:	Stainless steel macro-core sampler, 5 ft by 2" dia.
Borehole Diameter:	8 inches
Total Depth:	20 feet below grade
Start date:	4/13/2005
Completion date:	4/13/2005

Surface Elevation (ft MSL):
Top of Casing Elevation (ft MSL):
Northing:
Easting:
Depth to ground water:

LEGEND: Cement/grout, Screen, #0 Sand Pack, Riser, Bentonite

DEPTH BELOW GRADE	CORE INTERVAL (ft bg)	PENETR/ RECOVERY (ft bg)	Analytical Sample Interval (ft bg)	SAMPLE DESCRIPTION	STRATUM CHANGE GENERAL DESCRIPT	Equipment Installed	Field Testing PID Headspace
0	0 - 5	full		asphalt			
				moderate yellowish brown 10 YR 5/4, silty SAND, gravel	8"		
1							
2				moderate yellowish brown 10 YR 5/4, damp silty CLAY	2'		0.0
3							
4							0.0
5	5 - 10	full		as above, moist	5'		
6							0.0
7				as above, wood block, fuel odor, gravel (FILL)	7'		
8			*	grayish olive 10 Y 4/2, damp silty CLAY	8'		0.0
9							
10	10 - 15	full		as above, moist	10'		0.0
11							
12							0.0
13							
14				as above, wet, soft hydrated	14'		
15	15 - 20	full					
16							
17				light olive gray 5Y 5/2, wet fine to coarse SAND	17'		
18							
19				light olive gray 5Y 5/2, damp CLAY (till), stiff, crumbly, little gravel	19'		
20							
				End of Boring at 20 fbg			
21							
22							
23							

Notes:
1. Subsequent to soil sampling activities the borehole was backfilled with bentonite and asphalt patch at surface.
2. 5 ft hydraulic probe macro core sampler used, therefore no blow counts.
3. * denotes top of 2-ft discrete soil sample interval collected for laboratory analysis.
4. Subsequent to soil sampling activities a monitoring well was installed using 2-inch PVC riser flush threaded to a 10 ft length of 0.010 inch slot PVC well screen; stick up.

O'BRIEN & GERE ENGINEERS, INC.

SOIL BORING LOG

BORING I.D.: OBG-207

PAGE 1 OF 1

CLIENT:	General Motors
PROJECT NAME:	Die Storage Lot Investigation
PROJECT LOCATION:	Flint, Michigan
FILE NO.:	4966/34573
BORING COMPANY:	Prosonic Corporation
FOREMAN:	Chris Barden
OBG GEOLOGIST:	Mike Robison
Boring Location:	In parking lot at central portion of Die Storage Lot
Drilling equipment:	CME 85, 4.25-inch I.D. hollow-stem auger
Sampling equipment:	Stainless steel macro-core sampler, 5 ft by 2" dia.
Borehole Diameter:	8 inches
Total Depth:	20 feet below grade
Start date:	4/13/2005
Completion date:	4/13/2005

Surface Elevation (ft MSL):
Top of Casing Elevation (ft MSL):
Northing:
Easting:
Depth to ground water:

LEGEND: Cement/grout; Screen; #0 Sand Pack; Riser; Bentonite

DEPTH BELOW GRADE	CORE INTERVAL (ft bg)	PENETR/ RECOVERY (ft bg)	Analytical Sample Interval (ft bg)	SAMPLE DESCRIPTION	STRATUM CHANGE GENERAL DESCRIPT	Equipment Installed	Field Testing PID Headspace
0	0-8"	full		concrete			
				moderate yellowish brown 10 YR 5/4, damp silty SAND, gravel	8"		0.0
1							
2							
3				brownish black 5YR 2/1, damp silty SAND, with cinders and slag (fill)	3'		0.0
4				white N9, moist chalky material (FILL)	4'		
5	5'-10	full		grayish olive 10 Y 4/2, moist sandy SILT	4.5'		
6							
7				moderate yellowish brown 10 YR 5/4 and medium gray N5 mottling, damp, silty CLAY	7'		0.0
8			*				
9							
10	10'-15	full		grayish olive 10 Y 4/2, wet sandy SILT	10'		0.0
11				as above, damp silty CLAY	11'		
12							
13				light olive gray 5 Y 5/2, wet sandy CLAY	13'		
14							
15	15-20	full		as above, damp silty CLAY	15'		
16							
17							
18				as above, stiff, crumbly CLAY, little gravel (till)	18'		
19							
20							
				End of Boring at 20 fbg			
21							
22							
23							

Notes:
1. Subsequent to soil sampling activities the borehole was backfilled with bentonite and asphalt patch at surface.
2. 5 ft hydraulic probe macro core sampler used, therefore no blow counts.
3. * denotes top of 2-ft discrete soil sample interval collected for laboratory analysis.

O'BRIEN & GERE ENGINEERS, INC.

SOIL BORING LOG

BORING I.D.: OBG-208

PAGE 1 OF 1

CLIENT:	General Motors
PROJECT NAME:	Die Storage Lot Investigation
PROJECT LOCATION:	Flint, Michigan
FILE NO.:	4966/34573
BORING COMPANY:	Prosonic Corporation
FOREMAN:	Chris Barden
OBG GEOLOGIST:	Mike Robison
Boring Location:	At northern portion of Subject Property at CSX Railroad and east of Retention Basin
Drilling equipment:	CME 85, 4.25-inch I.D. hollow-stem auger
Sampling equipment:	Stainless steel macro-core sampler, 5 ft by 2" dia.
Borehole Diameter:	8 inches
Total Depth:	20 feet below grade
Start date:	4/13/2005
Completion date:	4/13/2005
Surface Elevation (ft MSL):	
Top of Casing Elevation (ft MSL):	
Northing:	
Easting:	
Depth to ground water:	

LEGEND: Cement/grout, #0 Sand Pack, Bentonite, Screen, Riser

DEPTH BELOW GRADE	CORE INTERVAL (ft bg)	PENETR/ RECOVERY (ft bg)	Analytical Sample Interval (ft bg)	SAMPLE DESCRIPTION	STRATUM CHANGE GENERAL DESCRIPT	Equipment Installed	Field Testing PID Headspace
0	0 - 5	full		gravel			
1				dark yellowish orange 10 YR 6/6, damp silty SAND, little gravel	1'		
2							0.0
3				black cinders (FILL)	3'		
				dark yellowish orange 10 YR 6/6, moist fine SAND	3.5'		
4							0.0
5	5 - 10	full	*				
6							0.0
7				moderate yellowish brown 10 YR 5/4, wet fine to coarse SAND	7'		
8							
9							
10	10 - 15	full					
11							
12							
13				dark gray N3, wet soft CLAY	13'		
14				light olive gray 5Y 5/2, wet fine to coarse SAND	14'		
15	15 - 20	full					
16							
17				as above, fine SAND	17'		
18							
19							
20							
21				End of Boring at 20 fbg			
22							
23							

Notes:
1. Subsequent to soil sampling activities the borehole was backfilled with bentonite and topsoil at surface.
2. 5 ft hydraulic probe macro core sampler used, therefore no blow counts.
3. * denotes top of 2-ft discrete soil sample interval collected for laboratory analysis.

O'BRIEN & GERE ENGINEERS, INC.

SOIL BORING LOG

BORING I.D.: OBG-209

PAGE 1 OF 1

CLIENT:	General Motors
PROJECT NAME:	Die Storage Lot Investigation
PROJECT LOCATION:	Flint, Michigan
FILE NO.:	4966/34573
BORING COMPANY:	Prosonic Corporation
FOREMAN:	Chris Barden
OBG GEOLOGIST:	Mike Robison
Boring Location:	At northern portion of Subject Property at CSX Railroad and east of Retention Basin
Drilling equipment:	CME 85, 4.25-inch I.D. hollow-stem auger
Sampling equipment:	Stainless steel macro-core sampler, 5 ft by 2" dia.
Borehole Diameter:	8 inches
Total Depth:	20 feet below grade
Start date:	4/13/2005
Completion date:	4/13/2005

Surface Elevation (ft MSL):
Top of Casing Elevation (ft MSL):
Northing:
Easting:
Depth to ground water:

LEGEND: Cement/grout, Screen, #0 Sand Pack, Riser, Bentonite

DEPTH BELOW GRADE	CORE INTERVAL (ft bg)	PENETR/ RECOVERY (ft bg)	Analytical Sample Interval (ft bg)	SAMPLE DESCRIPTION	STRATUM CHANGE GENERAL DESCRIPT	Equipment Installed	Field Testing PID Headspace
0	0 - 5	full		gravel			
1				dark yellowish orange 10 YR 6/6, damp silty SAND, roots	1'		
2							0.0
3				black, damp cinders (FILL)	3'		
4				dark yellowish orange 10 YR 6/6, damp silty SAND, little gravel	3.5'		0.0
5	5 - 10	full	*				
6				grayish olive 10 Y 4/2, moist silty CLAY	6'		0.0
7				moderate yellowish brown 10 YR 5/4, wet fine to coarse SAND	7'		
10	10 - 15	full					
12				light olive gray 5Y 5/2, wet silty SAND	12'		
15	15 - 20	full					
19				light olive gray 5Y 5/2, moist silty CLAY	19'		
20				End of Boring at 20 fbg			

Notes:
1. Subsequent to soil sampling activities the borehole was backfilled with bentonite and topsoil at surface.
2. 5 ft hydraulic probe macro core sampler used, therefore no blow counts.
3. * denotes top of 2-ft discrete soil sample interval collected for laboratory analysis.

O'BRIEN & GERE ENGINEERS, INC.

SOIL BORING LOG

BORING I.D.: OBG-210

PAGE 1 OF 1

CLIENT:	General Motors
PROJECT NAME:	Die Storage Lot Investigation
PROJECT LOCATION:	Flint, Michigan
FILE NO.:	4966/34573
BORING COMPANY:	Prosonic Corporation
FOREMAN:	Chris Barden
OBG GEOLOGIST:	Mike Robison
Boring Location:	At northern portion of Subject Property at CSX Railroad and east of Retention Basin
Drilling equipment:	CME 85, 4.25-inch I.D. hollow-stem auger
Sampling equipment:	Stainless steel macro-core sampler, 5 ft by 2" dia.
Borehole Diameter:	8 inches
Total Depth:	20 feet below grade
Start date:	4/13/2005
Completion date:	4/13/2005
Surface Elevation (ft MSL):	
Top of Casing Elevation (ft MSL):	
Northing:	
Easting:	
Depth to ground water:	

LEGEND: Cement/grout; #0 Sand Pack; Bentonite; Screen; Riser

DEPTH BELOW GRADE	CORE INTERVAL (ft bg)	PENETR/ RECOVERY (ft bg)	Analytical Sample Interval (ft bg)	SAMPLE DESCRIPTION	STRATUM CHANGE GENERAL DESCRIPT	Equipment Installed	Field Testing PID Headspace
0	0 - 5	full		gravel			
1				moderate yellowish brown 10 YR 5/4, damp silty SAND, little gravel	1'		
2				as above with black cinders (FILL)	2'		0.0
3				grayish brown 5YR 3/2, damp silty SAND, roots	3'		
4			*	grayish olive 10 Y 4/2, moist silty SAND	4'		0.0
5	5 - 10	full					
6				moderate yellowish brown 10 YR 5/4, wet fine SAND, little clay	6'		
7							
8							
9							
10	10 - 15	full					
11							
12							
13				light olive gray 5Y 5/2, wet clayey fine SAND	13'		
14							
15	15 - 20	full		light olive gray 5Y 5/2, damp silty CLAY	15'		
16							
17							
18							
19							
20							
21				End of Boring at 20 fbg			
22							
23							

Notes:
1. Subsequent to soil sampling activities the borehole was backfilled with bentonite and topsoil at surface.
2. 5 ft hydraulic probe macro core sampler used, therefore no blow counts.
3. * denotes top of 2-ft discrete soil sample interval collected for laboratory analysis.

O'BRIEN & GERE ENGINEERS, INC.

SOIL BORING LOG

BORING I.D.: OBG-211

PAGE 1 OF 1

CLIENT:	General Motors
PROJECT NAME:	Die Storage Lot Investigation
PROJECT LOCATION:	Flint, Michigan
FILE NO.:	4966/34573
BORING COMPANY:	Prosonic Corporation
FOREMAN:	Chris Barden
OBG GEOLOGIST:	Mike Robison
Boring Location:	At eastern portion of Subject Property at CSX property, east side
Drilling equipment:	CME 85, 4.25-inch I.D. hollow-stem auger
Sampling equipment:	Stainless steel macro-core sampler, 5 ft by 2" dia.
Borehole Diameter:	8 inches
Total Depth:	20 feet below grade
Start date:	4/13/2005
Completion date:	4/13/2005

Surface Elevation (ft MSL):
Top of Casing Elevation (ft MSL):
Northing:
Easting:
Depth to ground water:

LEGEND: Cement/grout; Screen; #0 Sand Pack; Riser; Bentonite

DEPTH BELOW GRADE	CORE INTERVAL (ft bg)	PENETR/ RECOVERY (ft bg)	Analytical Sample Interval (ft bg)	SAMPLE DESCRIPTION	STRATUM CHANGE GENERAL DESCRIPT	Equipment Installed	Field Testing: PID Headspace
0	0 - 5	full		gravel			
1				moderate yellowish brown 10 YR 5/4, silty SAND & gravel	1'		
2							0.0
3				black, damp cinders (FILL)	3'		
				dark yellowish orange 10 YR 6/6, damp silty SAND	3'3"		
4			*	grayish brown, 5 YR 3/2, damp silty SAND, some clay and roots	4'		0.0
5	5 - 10	full					
6				moderate yellowish brown 10 YR 5/4, wet fine SAND	6'		
7							
8				light olive gray 5Y 5/2, damp silty CLAY	8'		
9							
10	10 - 15	full					
11							
12							
13							
14							
				3-inch wet SAND seam	14.5'		
15	15 - 20	full					
16							
17				3-inch wet SAND seam	17'		
18							
19							
20							
				End of Boring at 20 fbg			
21							
22							
23							

Notes:
1. Subsequent to soil sampling activities the borehole was backfilled with bentonite and topsoil at surface.
2. 5 ft hydraulic probe macro core sampler used, therefore no blow counts.
3. * denotes top of 2-ft discrete soil sample interval collected for laboratory analysis.

O'BRIEN & GERE ENGINEERS, INC.

SOIL BORING LOG

BORING I.D.: OBG-212

PAGE 1 OF 1

CLIENT:	General Motors
PROJECT NAME:	Die Storage Lot Investigation
PROJECT LOCATION:	Flint, Michigan
FILE NO.:	4966/34573
BORING COMPANY:	Prosonic Corporation
FOREMAN:	Chris Barden
OBG GEOLOGIST:	Mike Robison
Boring Location:	At eastern portion of Subject Property at CSX property, east side
Drilling equipment:	CME 85, 4.25-inch I.D. hollow-stem auger
Sampling equipment:	Stainless steel macro-core sampler, 5 ft by 2" dia.
Borehole Diameter:	8 inches
Total Depth:	20 feet below grade
Start date:	4/13/2005
Completion date:	4/13/2005
Surface Elevation (ft MSL):	
Top of Casing Elevation (ft MSL):	
Northing:	
Easting:	
Depth to ground water:	

LEGEND: Cement/grout, #0 Sand Pack, Bentonite, Screen, Riser

DEPTH BELOW GRADE	CORE INTERVAL (ft bg)	PENETR/ RECOVERY (ft bg)	Analytical Sample Interval (ft bg)	SAMPLE DESCRIPTION	STRATUM CHANGE GENERAL DESCRIPT	Equipment Installed	Field Testing PID Headspace
0	0 - 5	full		gravel			
1				moderate yellowish brown 10 YR 5/4, damp silty SAND & gravel	1'		
2				black, damp cinders (FILL)	2'		0.0
3				moderate yellowish brown 10 YR 5/4 with orange mottling, damp silty CLAY	2'2"		
4			*				0.0
5	5 - 10	full		moderate yellowish brown 10 YR 5/4 with orange mottling, damp silty CLAY with seams of wet sand	5'		
6							0.0
7							
8							
9				light olive gray 5Y 5/2, wet fine SAND, little clay	9'		
10	10 - 15	full					
11				as above, fine to coarse	11'		
12							
13							
14							
15	15 - 20	full					
16							
17				light olive gray 5Y 5/2, damp CLAY (till), stiff			
18							
19							
20							
21				End of Boring at 20 fbg			
22							
23							

Notes:
1. Subsequent to soil sampling activities the borehole was backfilled with bentonite and topsoil at surface.
2. 5 ft hydraulic probe macro core sampler used, therefore no blow counts.
3. * denotes top of 2-ft discrete soil sample interval collected for laboratory analysis.

O'BRIEN & GERE ENGINEERS, INC.

SOIL BORING LOG

BORING I.D.: OBG-213

PAGE 1 OF 1

CLIENT:	General Motors
PROJECT NAME:	Die Storage Lot Investigation
PROJECT LOCATION:	Flint, Michigan
FILE NO.:	4966/34573
BORING COMPANY:	Prosonic Corporation
FOREMAN:	Chris Barden
OBG GEOLOGIST:	Mike Robison
Boring Location:	At eastern portion of Subject Property at CSX property, east side
Drilling equipment:	CME 85, 4.25-inch I.D. hollow-stem auger
Sampling equipment:	Stainless steel macro-core sampler, 5 ft by 2" dia.
Borehole Diameter:	8 inches
Total Depth:	20 feet below grade
Start date:	4/13/2005
Completion date:	4/13/2005

Surface Elevation (ft MSL):
Top of Casing Elevation (ft MSL):
Northing:
Easting:
Depth to ground water:

LEGEND: Cement/grout; #0 Sand Pack; Bentonite; Screen; Riser

DEPTH BELOW GRADE	CORE INTERVAL (ft bg)	PENETR/ RECOVERY (ft bg)	Analytical Sample Interval (ft bg)	SAMPLE DESCRIPTION	STRATUM CHANGE GENERAL DESCRIPT	Equipment Installed	Field Testing PID Headspace
0	0 - 5	full		gravel			
				dusky yellowish brown 10YR 2/2, damp silty SAND, roots	6"		
1							
2				dark yellowish orange 10 YR 6/6, moist fine SAND, little gravel	2'		0.0
3							
4			*				0.0
5	5 - 10	full					
6				moderate yellowish brown 10 YR 5/4, wet fine SAND	6'		
7							
8				as above, fine to coarse	8'		
9							
10	10 - 15	full					
11							
12				light olive gray 5Y 5/2, wet fine SAND	12'		
13							
14				light olive gray 5Y 5/2, moist silty CLAY, little gravel	14'		
15	15 - 20	full		light olive gray 5Y 5/2, damp silty CLAY (till), stiff	15'		
16				light olive gray 5Y 5/2, wet SAND	16'		
17							
18				light olive gray 5Y 5/2, damp CLAY (till), stiff	18'		
19							
20							
				End of Boring at 20 fbg			
21							
22							
23							

Notes:
1. Subsequent to soil sampling activities the borehole was backfilled with bentonite and topsoil at surface.
2. 5 ft hydraulic probe macro core sampler used, therefore no blow counts.
3. * denotes top of 2-ft discrete soil sample interval collected for laboratory analysis.

O'BRIEN & GERE ENGINEERS, INC.

SOIL BORING LOG

BORING I.D.: OBG-214

PAGE 1 OF 1

CLIENT:	General Motors
PROJECT NAME:	Die Storage Lot Investigation
PROJECT LOCATION:	Flint, Michigan
FILE NO.:	4966/34573
BORING COMPANY:	Prosonic Corporation
FOREMAN:	Chris Barden
OBG GEOLOGIST:	Mike Robison
Boring Location:	At northern portion of Subject Property, northwest of retention basin
Drilling equipment:	CME 85, 4.25-inch I.D. hollow-stem auger
Sampling equipment:	Stainless steel macro-core sampler, 5 ft by 2" dia.
Borehole Diameter:	8 inches
Total Depth:	20 feet below grade
Start date:	4/13/2005
Completion date:	4/13/2005

Surface Elevation (ft MSL):
Top of Casing Elevation (ft MSL.):
Northing:
Easting:
Depth to ground water:

LEGEND: Cement/grout, Screen, #0 Sand Pack, Riser, Bentonite

DEPTH BELOW GRADE	CORE INTERVAL (ft bg)	PENETR/ RECOVERY (ft bg)	Analytical Sample Interval (ft bg)	SAMPLE DESCRIPTION	STRATUM CHANGE GENERAL DESCRIPT	Equipment Installed	Field Testing PID Headspace
0	0 - 5	full		vegetation at surface; dusky brown 5 YR 2/2, damp topsoil, roots			
1				dusky brown 5 YR 2/2, damp silty SAND, with slag and cinders (fill)	1'		0.0
2				grayish olive 10 Y 4/2, moist, sandy CLAY, little gravel	2'		0.0
3							
4			*				
5	5 - 10	full					0.0
6							
7							
8							
9							
10	10 - 15	full		as above, wet	10'		0.0
11							
12							
13				as above, gravel	13'		0.0
14							0.0
15	15 - 20	full					0.0
16							
17				light olive gray 5Y 5/2, wet, silty fine SAND	17'		0.0
18							
19				light olive gray 5Y 5/2, damp, stiff silty CLAY, little gravel (till)	19'		0.0
20							
21				End of Boring at 20 fbg			
22							
23							

Notes:
1. Subsequent to soil sampling activities the borehole was backfilled with bentonite and topsoil at surface.
2. 5 ft hydraulic probe macro core sampler used, therefore no blow counts.
3. * denotes top of 2-ft discrete soil sample interval collected for laboratory analysis.
4. Subsequent to soil sampling activities a monitoring well was installed using 2- inch PVC riser flush threaded to a 10 ft. length of 0.010 inch slt PVC well screen; stick up.

O'BRIEN & GERE ENGINEERS, INC.

SOIL BORING LOG

BORING I.D.: OBG-215

PAGE 1 OF 1.

CLIENT:	General Motors
PROJECT NAME:	Die Storage Lot Investigation
PROJECT LOCATION:	Flint, Michigan
FILE NO.:	4966/34573
BORING COMPANY:	Prosonic Corporation
FOREMAN:	Chris Barden
OBG GEOLOGIST:	Mike Robison
Boring Location:	At northern portion of Subject Property; southwest corner of retention basin
Drilling equipment:	CME 85, 4.25-inch I.D. hollow-stem auger
Sampling equipment:	Stainless steel macro-core sampler, 5 ft by 2" dia.
Borehole Diameter:	8 inches
Total Depth:	20 feet below grade
Start date:	4/13/2005
Completion date:	4/13/2005
Surface Elevation (ft MSL):	
Top of Casing Elevation (ft MSL):	
Northing:	
Easting:	
Depth to ground water:	

LEGEND: Cement/grout; Screen; #0 Sand Pack; Riser; Bentonite

DEPTH BELOW GRADE	CORE INTERVAL (ft bg)	PENETR/ RECOVERY (ft bg)	Analytical Sample Interval (ft bg)	SAMPLE DESCRIPTION	STRATUM CHANGE GENERAL DESCRIPT	Equipment Installed	Field Testing: PID Headspace
0	0 - 5	full		vegetration at surface; topsoil			
1				moderate yellowish brown 10 YR 5/4, damp, silty CLAY, little gravel	1'		
2				dusky brown 5 YR 2/2, damp, silty SAND, with gravel and slag pieces	2'		0.0
3				moderate yellowish brown 10 YR 5/4, damp, silty CLAY	2.5'		
4							0.0
5	5 - 10	full		moderate yellowish brown 10 YR 5/4, moist to wet silty SAND, little gravel	5'		
6							0.0
7							
8			*				0.0
9				moderate yellowish brown 10 YR 5/4, moist, clayey SAND	9'		
10	10 - 15	full					0.0
11							
12							0.0
13				moderate yellowish brown 10 YR 5/4, wet, fine SAND	13'		
14				light olive gray 5Y 5/2, wet, sandy CLAY	14'		
15	15 - 20	full		light olive gray 5Y 5/2, wet, fine to coarse SAND, little gravel	15'		
16				light olive gray 5Y 5/2, wet, clayey SAND	16'		
17							
18							
19				light olive gray 5Y 5/2, damp, stiff silty CLAY, with little gravel (till)	19'		
20							
21				End of Boring at 20 fbg			
22							
23							

Notes:
1. Subsequent to soil sampling activities the borehole was backfilled with bentonite and topsoil at surface.
2. 5 ft hydraulic probe macro core sampler used, therefore no blow counts.
3. * denotes top of 2-ft discrete soil sample interval collected for laboratory analysis.
4. Subsequent to soil sampling activities a monitoring well was installed using 2- inch PVC riser flush threaded to a 10 ft. length of 0.010 inch slt PVC well screen; stick up.

O'BRIEN & GERE ENGINEERS, INC.

SOIL BORING LOG

BORING I.D.: OBG-216

PAGE 1 OF 1

CLIENT:	General Motors
PROJECT NAME:	Die Storage Lot Investigation
PROJECT LOCATION:	Flint, Michigan
FILE NO.:	4966/34573
BORING COMPANY:	Prosonic Corporation
FOREMAN:	Chris Barden
OBG GEOLOGIST:	Mike Robison
Boring Location:	At northern portion of Subject Property
Drilling equipment:	CME 85, 4.25-inch I.D. hollow-stem auger
Sampling equipment:	Stainless steel macro-core sampler, 5 ft by 2" dia.
Borehole Diameter:	8 inches
Total Depth:	20 feet below grade
Start date:	4/13/2005
Completion date:	4/13/2005
Surface Elevation (ft MSL):	
Top of Casing Elevation (ft MSL):	
Northing:	
Easting:	
Depth to ground water:	

LEGEND: Cement/grout; Screen; #0 Sand Pack; Riser; Bentonite

DEPTH BELOW GRADE	CORE INTERVAL (ft bg)	PENETR/ RECOVERY (ft bg)	Analytical Sample Interval (ft bg)	SAMPLE DESCRIPTION	STRATUM CHANGE GENERAL DESCRIPT	Equipment Installed	Field Testing PID Headspace
0	0 - 5	full		vegetration at surface; dusky brown 5 YR 2/2, silty SAND, with topsoil and roots			
1				brownish black 5YR 2/1, silty SAND, cinders & slag (fill)	1'		
2				moderate yellowish brown 10 YR 5/4, moist, sandy CLAY	2'		0.0
3							
4							0.0
5	5 - 10	full		moderate yellowish brown 10 YR 5/4, moist, silty CLAY, orange & gray mottling, with little gravel	5'		
6							0.0
7							
8			*				0.0
9							
10	10 - 15	full		as above, soft, hydrated	10'		0.0
11							
12				moderate yellowish brown 10 YR 5/4, wet, silty SAND	12'		
13				light olive gray 5Y 5/2, wet, soft, hydrated, sandy CLAY	13'		
14							
15	15 - 20	full		light olive gray 5Y 5/2, damp, stiff silty CLAY & little gravel (till)	15'		
16							
17							
18							
19							
20							
21				End of Boring at 20 fbg			
22							
23							

Notes:
1. Subsequent to soil sampling activities the borehole was backfilled with bentonite and topsoil at surface.
2. 5 ft hydraulic probe macro core sampler used, therefore no blow counts.
3. * denotes top of 2-ft discrete soil sample interval collected for laboratory analysis.

O'BRIEN & GERE ENGINEERS, INC.

SOIL BORING LOG

BORING I.D.: OBG-217

PAGE 1 OF 1

CLIENT:	General Motors
PROJECT NAME:	Die Storage Lot Investigation
PROJECT LOCATION:	Flint, Michigan
FILE NO.:	4966/34573
BORING COMPANY:	Prosonic Corporation
FOREMAN:	Chris Barden
OBG GEOLOGIST:	Mike Robison
Boring Location:	At northern portion of Subject Property, west of MW-7
Drilling equipment:	CME 85, 4.25-inch I.D. hollow-stem auger
Sampling equipment:	Stainless steel macro-core sampler, 5 ft by 2" dia.
Borehole Diameter:	8 inches
Total Depth:	20 feet below grade
Start date:	4/13/2005
Completion date:	4/13/2005
Surface Elevation (ft MSL):	
Top of Casing Elevation (ft MSL):	
Northing:	
Easting:	
Depth to ground water:	

LEGEND: Cement/grout, #0 Sand Pack, Bentonite, Screen, Riser

DEPTH BELOW GRADE	CORE INTERVAL (ft bg)	PENETR/ RECOVERY (ft bg)	Analytical Sample Interval (ft bg)	SAMPLE DESCRIPTION	STRATUM CHANGE GENERAL DESCRIPT	Equipment Installed	Field Testing PID Headspace
0	0 - 5	full		dusky brown 5YR 2/2 , damp, silty SAND, with topsoil and roots			
1				as above, black cinders and slag (fill)	1'		
2				moderate yellowish brown 10 YR 5/4, orange & gray mottling, moist, sandy CLAY	2'		0.0
3							
4							0.0
5	5 - 10	full		as above, moist, silty CLAY, little gravel	5'		
6			*				0.0
7							
8							0.0
9				light olive gray 5Y 5/2, damp, silty CLAY, little gravel	9'		
10	10 - 15	full		as above, wet, sandy CLAY	10'		
11							
12							
13							
14				light olive gray 5Y 5/2, wet, fine to coarse SAND & gravel	14'		
15	15 - 20	full		light olive gray 5Y 5/2, damp, hard, crumbly, silty CLAY, little gravel (till)	15'		
16							
17							
18							
19							
20							
21				End of Boring at 20 fbg			
22							
23							

Notes:
1. Subsequent to soil sampling activities the borehole was backfilled with bentonite and topsoil at surface.
2. 5 ft hydraulic probe macro core sampler used, therefore no blow counts.
3. * denotes top of 2-ft discrete soil sample interval collected for laboratory analysis.
4. Subsequent to soil sampling activities a monitoring well was installed using 2- inch PVC riser flush threaded to a 10 ft. length of 0.010 inch slt PVC well screen; stick up.

O'BRIEN & GERE ENGINEERS, INC.

SOIL BORING LOG

BORING I.D.: OBG-218

PAGE 1 OF 1

CLIENT:	General Motors
PROJECT NAME:	Die Storage Lot Investigation
PROJECT LOCATION:	Flint, Michigan
FILE NO.:	4966/34573
BORING COMPANY:	Prosonic Corporation
FOREMAN:	Chris Barden
OBG GEOLOGIST:	Mike Robison
Boring Location:	At western portion of Subject Property
Drilling equipment:	CME 85, 4.25-inch I.D. hollow-stem auger
Sampling equipment:	Stainless steel macro-core sampler, 5 ft by 2" dia.
Borehole Diameter:	8 inches
Total Depth:	20 feet below grade
Start date:	4/13/2005
Completion date:	4/13/2005

Surface Elevation (ft MSL):
Top of Casing Elevation (ft MSL):
Northing:
Easting:
Depth to ground water:

LEGEND: Cement/grout; Screen; #0 Sand Pack; Riser; Bentonite

DEPTH BELOW GRADE	CORE INTERVAL (ft bg)	PENETR/ RECOVERY (ft bg)	Analytical Sample Interval (ft bg)	SAMPLE DESCRIPTION	STRATUM CHANGE GENERAL DESCRIPT	Equipment Installed	Field Testing PID Headspace
0	0 - 5	full		dusky brown 5 YR 2/2, dry topsoil			
1				moderate yellowish brown 10 YR 5/4, dry, silt, SAND & gravel	1'		
2							0.0
3			*	moderate yellowish brown 10 YR 5/4, damp to moist, sandy CLAY, little gravel	3'		
4							0.0
5	5 - 10	full		as above, wet, fine to coarse silty SAND, little gravel	5'		
6							0.0
7				as above, orange & gray mottling, damp, silty CLAY, little gravel	7'		
8							0.0
9				grayish olive 10 Y 4/2, damp, silty CLAY, little gravel	9'		
10	10 - 15	full		light olive gray 5Y 5/2, wet, sandy CLAY	10'		
11							
12							
13							
14				light olive gray 5Y 5/2, wet, fine to coarse SAND & gravel	14'		
15	15 - 20	full		light olive gray 5Y 5/2, damp, hard, crumbly, silty CLAY, crumbly, little gravel (till)	15'		
16							
17							
18							
19							
20							
21				End of Boring at 20 fbg			
22							
23							

Notes:
1. Subsequent to soil sampling activities the borehole was backfilled with bentonite and topsoil at surface.
2. 5 ft hydraulic probe macro core sampler used, therefore no blow counts.
3. * denotes top of 2-ft discrete soil sample interval collected for laboratory analysis.

O'BRIEN & GERE ENGINEERS, INC.

SOIL BORING LOG

BORING I.D.: OBG-219

PAGE 1 OF 1

CLIENT:	General Motors
PROJECT NAME:	Die Storage Lot Investigation
PROJECT LOCATION:	Flint, Michigan
FILE NO.:	4966/34573
BORING COMPANY:	Prosonic Corporation
FOREMAN:	Chris Barden
OBG GEOLOGIST:	Mike Robison
Boring Location:	At western portion of Subject Properly
Drilling equipment:	CME 85, 4.25-inch I.D. hollow-stem auger
Sampling equipment:	Stainless steel macro-core sampler, 5 ft by 2" dia.
Borehole Diameter:	8 inches
Total Depth:	20 feet below grade
Start date:	4/13/2005
Completion date:	4/13/2005

Surface Elevation (ft MSL):
Top of Casing Elevation (ft MSL):
Northing:
Easting:
Depth to ground water:

LEGEND: Cement/grout, Screen, #0 Sand Pack, Riser, Bentonite

DEPTH BELOW GRADE	CORE INTERVAL (ft bg)	PENETR/ RECOVERY (ft bg)	Analytical Sample Interval (ft bg)	SAMPLE DESCRIPTION	STRATUM CHANGE GENERAL DESCRIPT	Equipment Installed	Field Testing PID Headspace
0	0 - 5	full		vegetation at surface, dark brown 5 YR 2/2, dry silty SAND, roots			
1				as above, black cinders & slag (fill)	1'		
2				dark brown 5 YR 2/2, moist, clayey SILT, roots	2'		0.0
3			*				
4							0.0
5	5 - 10	full		moderate yellowish brown 10 YR 5/4, moist to wet, soft, hydrated CLAY, with orange and gray mottling	5'		
6							0.0
7							
8							0.0
9				as above, damp silty CLAY, little gravel	9'		
10	10 - 15	full			10'		0.0
11							
12							0.0
13				light olive gray 5Y 5/2, damp, silty CLAY, little gravel	13'		
14				light olive gray 5Y 5/2, wet, hydrated sandy CLAY	14'		
				2-inch wet SAND seam			
15	15 - 20	full		light olive gray 5Y 5/2, wet, sandy CLAY, little gravel	15'		
16							
17				light olive gray 5Y 5/2, damp, silty CLAY, little gravel	17'		
18							
19							
20							
21				End of Boring at 20 fbg			
22							
23							

Notes:
1. Subsequent to soil sampling activities the borehole was backfilled with bentonite and topsoil at surface.
2. 5 ft hydraulic probe macro core sampler used, therefore no blow counts.
3. * denotes top of 2-ft discrete soil sample interval collected for laboratory analysis.
4. Subsequent to soil sampling activities a monitoring well was installed using 2- inch PVC riser flush threaded to a 10 ft. length of 0.010 inch slt PVC well screen; stick up.

O'BRIEN & GERE ENGINEERS, INC.

SOIL BORING LOG

BORING I.D.: OBG-220

PAGE 1 OF 1

CLIENT:	General Motors
PROJECT NAME:	Die Storage Lot Investigation
PROJECT LOCATION:	Flint, Michigan
FILE NO.:	4966/34573
BORING COMPANY:	Prosonic Corporation
FOREMAN:	Chris Barden
OBG GEOLOGIST:	Mike Robison
Boring Location:	At southwestern portion of Subject Property
Drilling equipment:	CME 85, 4.25-inch I.D. hollow-stem auger
Sampling equipment:	Stainless steel macro-core sampler, 5 ft by 2" dia.
Borehole Diameter:	8 inches
Total Depth:	20 feet below grade
Start date:	4/13/2005
Completion date:	4/13/2005

Surface Elevation (ft MSL):
Top of Casing Elevation (ft MSL):
Northing:
Easting:
Depth to ground water:

LEGEND: Cement/grout; Screen; #0 Sand Pack; Riser; Bentonite

DEPTH BELOW GRADE	CORE INTERVAL (ft bg)	PENETR/ RECOVERY (ft bg)	Analytical Sample Interval (ft bg)	SAMPLE DESCRIPTION	STRATUM CHANGE GENERAL DESCRIPT	Equipment Installed	Field Testing PID Headspace
0	0 - 5	full		dusky brown 5 YR 2/2, dry silty SAND, roots			
1				as above, damp, black cinders & slag (fill)	1'		
2							0.0
3				moderate yellowish brown 10 YR 5/4, moist, sandy CLAY, little gravel and orange and gray mottling	3'		
4							0.0
5	5 - 10	full	*	as above, damp	5'		
6							0.0
7							
8				as above, no mottling	8'		0.0
9							
10	10 - 15	full		as above, moist	10'		0.0
11							
12				as above, wet	12'		
13							
14				light olive gray 5Y 5/2, moist, silty CLAY, little gravel	14'		
15	15 - 20	full					
16							
17				light olive gray 5Y 5/2, wet, fine to medium SAND	17'		
18				light olive gray 5Y 5/2, moist, silty CLAY, little gravel	18'		
19				as above, stiff, crumbly, damp	19'		
20							
21				End of Boring at 20 fbg			
22							
23							

Notes:
1. Subsequent to soil sampling activities the borehole was backfilled with bentonite and topsoil at surface.
2. 5 ft hydraulic probe macro core sampler used, therefore no blow counts.
3. * denotes top of 2-ft discrete soil sample interval collected for laboratory analysis.

O'BRIEN & GERE ENGINEERS, INC.

SOIL BORING LOG

BORING I.D.: OBG-221

PAGE 1 OF 1

CLIENT:	General Motors
PROJECT NAME:	Die Storage Lot Investigation
PROJECT LOCATION:	Flint, Michigan
FILE NO.:	4966/34573
BORING COMPANY:	Prosonic Corporation
FOREMAN:	Chris Barden
OBG GEOLOGIST:	Mike Robison
Boring Location:	At southwestrn portion of Subject Property
Drilling equipment:	CME 85, 4.25-inch I.D. hollow-stem auger
Sampling equipment:	Stainless steel macro-core sampler, 5 ft by 2" dia.
Borehole Diameter:	8 inches
Total Depth:	20 feet below grade
Start date:	4/13/2005
Completion date:	4/13/2005

Surface Elevation (ft MSL):
Top of Casing Elevation (ft MSL):
Northing:
Easting:
Depth to ground water:

LEGEND: Cement/grout, Screen, #0 Sand Pack, Riser, Bentonite

DEPTH BELOW GRADE	CORE INTERVAL (ft bg)	PENETR/ RECOVERY (ft bg)	Analytical Sample Interval (ft bg)	SAMPLE DESCRIPTION	STRATUM CHANGE GENERAL DESCRIPT	Equipment Installed	Field Testing PID Headspace
0	0 - 5	full		vegetation at surface; dusky brown 5 YR 2/2, dry silty SAND, roots			
1				as above, black cinders & slag	1'		
2				grayish olive 10Y 4/2, damp, silty CLAY	2'		0.0
3							
4				as above, moist	4'		0.0
5	5 - 10	full	*	as above	5'		
6				as above, wet, hydrated, soft	6'		
7				moderate yellowish brown 10 YR 5/4, wet, soft, hydrated CLAY with orange & gray mottling	7'		
8							
9				as above, moist, no mottling	9'		
10	10 - 15	full		as above	10'		
11							
12							
13				light olive gray 5Y 5/2, moist silty CLAY, little gravel	13'		
14				as above, wet 4" fine to coarse SAND	14'		
15	15 - 20	full		light olive gray 5Y 5/2, moist to wet sandy CLAY, little gravel	15'		
16							
17							
18							
19							
20							
21				End of Boring at 20 fbg			
22							
23							

Notes:
1. Subsequent to soil sampling activities the borehole was backfilled with bentonite and topsoil at surface.
2. 5 ft hydraulic probe macro core sampler used, therefore no blow counts.
3. * denotes top of 2-ft discrete soil sample interval collected for laboratory analysis.
4. Subsequent to soil sampling activities a monitoring well was installed using 2- inch PVC riser flush threaded to a 10 ft. length of 0.010 inch slt PVC well screen; stick up.

O'BRIEN & GERE ENGINEERS, INC.

SOIL BORING LOG

BORING I.D.: OBG-222

PAGE 1 OF 1

CLIENT:	General Motors
PROJECT NAME:	Die Storage Lot Investigation
PROJECT LOCATION:	Flint, Michigan
FILE NO.:	4966/34573
BORING COMPANY:	Prosonic Corporation
FOREMAN:	Chris Barden
OBG GEOLOGIST:	Mike Robison
Boring Location:	South of Subject Property, South of Atherton Road
Drilling equipment:	CME 85, 4.25-inch I.D. hollow-stem auger
Sampling equipment:	Stainless steel macro-core sampler, 5 ft by 2" dia.
Borehole Diameter:	8 inches
Total Depth:	20 feet below grade
Start date:	4/13/2005
Completion date:	4/13/2005

Surface Elevation (ft MSL):
Top of Casing Elevation (ft MSL):
Northing:
Easting:
Depth to ground water:

LEGEND: Cement/grout; Screen; #0 Sand Pack; Riser; Bentonite

DEPTH BELOW GRADE	CORE INTERVAL (ft bg)	PENETR/ RECOVERY (ft bg)	Analytical Sample Interval (ft bg)	SAMPLE DESCRIPTION	STRATUM CHANGE GENERAL DESCRIPT	Equipment Installed	Field Testing: PID Headspace
0	0 - 5	full		vegetation at surface; dusky brown 5 YR 2/2, damp topsoil, roots			
1				moderate yellowish brown 10 YR 5/4, damp, silty CLAY, little gravel	1'		
2							0.0
3			*				
4				grayish olive 10Y 4/2, moist, silty CLAY, trace sand	4'		0.0
5	5 - 10	full					
6							0.0
7				as above, wet, soft, hydrated, sand seams	7'		
8							
9							
10	10 - 15	full		as above, little gravel	10'		
11							
12							
13				light olive gray 5Y 5/2, wet, sandy CLAY	13'		
14				light olive gray 5Y 5/2, moist to damp, silty CLAY, little gravel	14'		
15	15 - 20	full					
16							
17				light olive gray 5Y 5/2, damp, stiff, silty CLAY, little gravel	17'		
18							
19				light olive gray 5Y 5/2, wet, fine to coarse SAND, little CLAY	19'		
20							
21				End of Boring at 20 fbg			
22							
23							

Notes:
1. Subsequent to soil sampling activities the borehole was backfilled with bentonite and topsoil at surface.
2. 5 ft hydraulic probe macro core sampler used, therefore no blow counts.
3. * denotes top of 2-ft discrete soil sample interval collected for laboratory analysis.

O'BRIEN & GERE ENGINEERS, INC.

SOIL BORING LOG

BORING I.D.: OBG-223

PAGE 1 OF 1

CLIENT:	General Motors
PROJECT NAME:	Die Storage Lot Investigation
PROJECT LOCATION:	Flint, Michigan
FILE NO.:	4966/34573
BORING COMPANY:	Prosonic Corporation
FOREMAN:	Chris Barden
OBG GEOLOGIST:	Mike Robison
Boring Location:	South of Subject Property, South of Atherton Road
Drilling equipment:	CME 85, 4.25-inch I.D. hollow-stem auger
Sampling equipment:	Stainless steel macro-core sampler, 5 ft by 2" dia.
Borehole Diameter:	8 inches
Total Depth:	20 feet below grade
Start date:	4/13/2005
Completion date:	4/13/2005
Surface Elevation (ft MSL):	
Top of Casing Elevation (ft MSL):	
Northing:	
Easting:	
Depth to ground water:	

LEGEND: Cement/grout; Screen; #0 Sand Pack; Riser; Bentonite

DEPTH BELOW GRADE	CORE INTERVAL (ft bg)	PENETR/ RECOVERY (ft bg)	Analytical Sample Interval (ft bg)	SAMPLE DESCRIPTION	STRATUM CHANGE GENERAL DESCRIPT	Equipment Installed	Field Testing PID Headspace
0	0 - 5	full		vegetration at surface; dark brown 5 Y4 2/2; dry, silty SAND; roots			
1				gravel	1'		
2				moderate yellowish brown 10 YR 5/4, damp, silt, SAND & gravel	2'		0.0
3							
4				moderate yellowish brown 10 YR 5/4, damp, clayey fine SAND	4'		0.0
5	5 - 10	full		moderate yellowish brown 10 YR 5/4, orange & gray mottling, moist sandy CLAY	5'		
6			*				0.0
7							
8							0.0
9							
10	10 - 15	full					0.0
11							
12							
13				brownish black 5 YR 2/1, wet, clayey SILT (peat), roots	13'		
14				grayish olive 10Y 4/2, moist, CLAY, high plasticity	14'		
15	15 - 20	full		grayish olive 10Y 4/2, wet, soft, hydrated, silty CLAY	15'		
16							
17				grayish olive 10Y 4/2, moist, silty CLAY	17'		
18							
19				light olive gray 10Y 4/2, wet, fine to medium SAND	19'		
20							
				End of Boring at 20 fbg			
21							
22							
23							

Notes:
1. Subsequent to soil sampling activities the borehole was backfilled with bentonite and topsoil at surface.
2. 5 ft hydraulic probe macro core sampler used, therefore no blow counts.
3. * denotes top of 2-ft discrete soil sample interval collected for laboratory analysis.

O'BRIEN & GERE ENGINEERS, INC.

SOIL BORING LOG

BORING I.D.: OBG-224

PAGE 1 OF 1

CLIENT:	General Motors
PROJECT NAME:	Die Storage Lot Investigation
PROJECT LOCATION:	Flint, Michigan
FILE NO.:	4966/34573
BORING COMPANY:	Prosonic Corporation
FOREMAN:	Chris Barden
OBG GEOLOGIST:	Mike Robison
Boring Location:	South of Subject Property, South of Atherton Road
Drilling equipment:	CME 85, 4.25-inch I.D. hollow-stem auger
Sampling equipment:	Stainless steel macro-core sampler, 5 ft by 2" dia.
Borehole Diameter:	8 inches
Total Depth:	20 feet below grade
Start date:	4/13/2005
Completion date:	4/13/2005
Surface Elevation (ft MSL):	
Top of Casing Elevation (ft MSL):	
Northing:	
Easting:	
Depth to ground water:	

LEGEND: Cement/grout; #0 Sand Pack; Bentonite; Screen; Riser

DEPTH BELOW GRADE	CORE INTERVAL (ft bg)	PENETR/ RECOVERY (ft bg)	Analytical Sample Interval (ft bg)	SAMPLE DESCRIPTION	STRATUM CHANGE GENERAL DESCRIPT	Equipment Installed	Field Testing PID Headspace
0	0 - 5	full		vegetation at surface, dusky brown 5 YR 2/2, dry topsoil			
1				moderate yellowish brown 10 YR 5/4, damp, silty SAND & gravel	1'		
2				GRAVEL	2'		0.0
3				moderate yellowish brown 10 YR 5/4, damp, silty SAND	3'		
4							0.0
5	5 - 10	full		grayish olive 10Y 4/2, moist, clayey SILT, roots	5'		
6			*				0.0
7							
8							0.0
9				as above, wet, some fine SAND	9'		
10	10 - 15	full		grayish olive 10Y 4/2, wet, sandy CLAY	10'		
11							
12							
13				as above, moist, soft, silty CLAY	13'		
14							
15	15 - 20	full		as above, little SAND	15'		
16							
17				light olive gray 5Y 5/2, damp, silty CLAY, trace gravel	17'		
18							
19				light olive gray 5Y 5/2, wet, fine SAND	19'		
20							
21				End of Boring at 20 fbg			
22							
23							

Notes:
1. Subsequent to soil sampling activities the borehole was backfilled with bentonite and topsoil at surface.
2. 5 ft hydraulic probe macro core sampler used, therefore no blow counts.
3. * denotes top of 2-ft discrete soil sample interval collected for laboratory analysis.

O'BRIEN & GERE ENGINEERS, INC.

SOIL BORING LOG

BORING I.D.: OBG-225

PAGE 1 OF 1

CLIENT:	General Motors
PROJECT NAME:	Die Storage Lot Investigation
PROJECT LOCATION:	Flint, Michigan
FILE NO.:	4966/34573
BORING COMPANY:	Prosonic Corporation
FOREMAN:	Chris Barden
OBG GEOLOGIST:	Mike Robison
Boring Location:	At northern portion of Subject Property
Drilling equipment:	CME 85, 4.25-inch I.D. hollow-stem auger
Sampling equipment:	Stainless steel macro-core sampler, 5 ft by 2" dia.
Borehole Diameter:	8 inches
Total Depth:	20 feet below grade
Start date:	4/13/2005
Completion date:	4/13/2005

Surface Elevation (ft MSL):
Top of Casing Elevation (ft MSL):
Northing:
Easting:
Depth to ground water:

LEGEND: Cement/grout, Screen, #0 Sand Pack, Riser, Bentonite

DEPTH BELOW GRADE	CORE INTERVAL (ft bg)	PENETR/ RECOVERY (ft bg)	Analytical Sample Interval (ft bg)	SAMPLE DESCRIPTION	STRATUM CHANGE GENERAL DESCRIPT	Equipment Installed	Field Testing PID Headspace
0	0 - 5	full		concrete			
				gravel	8"		0.0
1							
2				moderate yellowish brown10 YR 5/4, damp, silty SAND, little gravel	2'		
3				as above, black (coal), odor (fill)	3'		100.0
4							
5	5 - 10	full					100.0
6				dark brown 5 YR 2/2, damp, sandy SILT, roots (peat)	6'		0.0
7							
8			*	moderate yellowish brown 10 YR 5/4, moist, fine to medium SAND	8'		0.0
9							
10	10 - 15	full		as above, wet	10'		
11							
12							
13				light olive gray 5Y 5/2, wet, sandy CLAY	13'		
14				light olive gray 5Y 5/2, moist, silty CLAY	14'		
15	15 - 20	full		light olive gray 5Y 5/2, wet, sandy CLAY	15'		
16							
17							
18				light olive gray, damp 5Y 5/2, stiff, crumbly, silty CLAY, little gravel (till)	18'		
19							
20							
				End of Boring at 20 fbg			
21							
22							
23							

Notes:
1. Subsequent to soil sampling activities the borehole was backfilled with bentonite and topsoil at surface.
2. 5 ft hydraulic probe macro core sampler used, therefore no blow counts.
3. * denotes top of 2-ft discrete soil sample interval collected for laboratory analysis.
4. Subsequent to soil sampling activities a monitoring well was installed using 2- inch PVC riser flush threaded to a 10 ft. length of 0.010 inch slt PVC well screen; stick up.

O'BRIEN & GERE ENGINEERS, INC.

SOIL BORING LOG

BORING I.D.: OBG-226

PAGE 1 OF 1

CLIENT:	General Motors
PROJECT NAME:	Die Storage Lot Investigation
PROJECT LOCATION:	Flint, Michigan
FILE NO.:	4966/34573
BORING COMPANY:	Prosonic Corporation
FOREMAN:	Chris Barden
OBG GEOLOGIST:	Mike Robison
Boring Location:	In parking lot at central portion of DSL Adjacent to SVE-1 (5' East)
Drilling equipment:	CME 85, 4.25-inch I.D. hollow-stem auger
Sampling equipment:	Stainless steel macro-core sampler, 5 ft by 2" dia.
Borehole Diameter:	8 inches
Total Depth:	20 feet below grade
Start date:	9/19/2005
Completion date:	9/19/2005

Surface Elevation (ft MSL): 758.2159
Top of Casing Elevation (ft MSL):
Northing: 159005.6933
Easting: 4050462.0091
Depth to ground water:

LEGEND: Cement/grout; Screen; #0 Sand Pack; Riser; Bentonite

DEPTH BELOW GRADE	CORE INTERVAL (ft bg)	PENETR/ RECOVERY (ft bg)	Analytical Sample Interval (ft bg)	SAMPLE DESCRIPTION	STRATUM CHANGE GENERAL DESCRIPT	Equipment Installed	Field Testing PID Headspace
0	0-1	full		concrete			
1				aggregate GRAVEL	1'		
2				dark brown 5 YR 2/2, damp, silty SAND and gravel	2'		0.0
3				black cinders, slag, coal (FILL)	3'		
4							
5	5 - 10	full		grayish olive 10 Y 4/2, damp, sandy CLAY, little gravel, hydrocarbon odor	4.5'		80.0
6				grayish olive 10 Y 4/2, damp, clayey SILT	6'		
7							110.0
8			*	grayish olive 10 Y 4/2, damp, silty CLAY	8'		500.0
9							
10	10 - 15	full		as above, gray mottling, moist	10'		500.0
11							
12							
13				brownish gray 5YR 4/1, moist, CLAY	13'		5.0
14				light olive gray 5Y 5/2, wet, clayey SAND, no odor	14'		15.0
15	15 - 20	full		light olive gray 5Y 5/2, moist, sandy CLAY	15'		5.0
16				light olive gray 5Y 5/2, damp, CLAY, little sand & gravel	16'		0.0
17							
18			*				
19							
20							
21				End of Boring at 20 fbg			
22							
23							

Notes:
1. Subsequent to soil sampling activities the borehole was backfilled with bentonite and topsoil at surface.
2. 5 ft hydraulic probe macro core sampler used, therefore no blow counts.
3. * denotes top of 2-ft discrete soil sample interval collected for laboratory analysis.

O'BRIEN & GERE ENGINEERS, INC.

SOIL BORING LOG

BORING I.D.: OBG-227

PAGE 1 OF 1

CLIENT:	General Motors
PROJECT NAME:	Die Storage Lot Investigation
PROJECT LOCATION:	Flint, Michigan
FILE NO.:	4966/34573
BORING COMPANY:	Prosonic Corporation
FOREMAN:	Chris Barden
OBG GEOLOGIST:	Mike Robison
Boring Location:	In parking lot at central portion of DSL 45' south of SVE-1
Drilling equipment:	CME 85, 4.25-inch I.D. hollow-stem auger
Sampling equipment:	Stainless steel macro-core sampler, 5 ft by 2" dia.
Borehole Diameter:	8 inches
Total Depth:	20 feet below grade
Start date:	9/19/2005
Completion date:	9/19/2005

Surface Elevation (ft MSL): 758.1673
Top of Casing Elevation (ft MSL):
Northing: 158962.4733
Easting: 4050457.5009
Depth to ground water:

LEGEND: Cement/grout; #0 Sand Pack; Bentonite; Screen; Riser

DEPTH BELOW GRADE	CORE INTERVAL (ft bg)	PENETR/ RECOVERY (ft bg)	Analytical Sample Interval (ft bg)	SAMPLE DESCRIPTION	STRATUM CHANGE GENERAL DESCRIPT	Equipment Installed	Field Testing PID Headspace
0	0 - 5	full		concrete			
1				aggregate GRAVEL	1'		
2			*	dark brown 5 YR 2/2, damp, silty SAND & gravel (~1/4"), glass pieces, odor	2'		100.0
3				black cinders, coal, slag (FILL)	3'		
4				grayish olive 10Y 4/2, damp, sandy CLAY, little gravel			
5	5 - 10	full		as above, moist			5.0
6							
7							
8			*	grayish olive 10Y 4/2, moist clayey SAND	8'		0.0
9				grayish olive 10Y 4/2, damp silty CLAY	9'		0.0
10	10 - 15	full		as above, damp, little gravel	10'		
11							
12							
13							
14				light olive gray 5Y 5/2, wet, sandy CLAY	14'		
15	15 - 20	full					
16				as above, moist to damp	16'		
17							
18				light olive gray 5Y 5/2, damp, silty CLAY, crumbly	18'		
19							
20							
21				End of Boring at 20 fbg			
22							
23							

Notes:
1. Subsequent to soil sampling activities the borehole was backfilled with bentonite and topsoil at surface.
2. 5 ft hydraulic probe macro core sampler used, therefore no blow counts.
3. * denotes top of 2-ft discrete soil sample interval collected for laboratory analysis (field duplicate taking at 2-4')
4. Subsequent to soil sampling activities a monitoring well was installed using 2- inch PVC riser flush threaded to a 10 ft. length of 0.010 inch slt PVC well screen; stick up.

O'BRIEN & GERE ENGINEERS, INC.

SOIL BORING LOG

BORING I.D.: OBG-228

PAGE 1 OF 1

CLIENT:	General Motors
PROJECT NAME:	Die Storage Lot Investigation
PROJECT LOCATION:	Flint, Michigan
FILE NO.:	4966/34573
BORING COMPANY:	Prosonic Corporation
FOREMAN:	Chris Barden
OBG GEOLOGIST:	Mike Robison
Boring Location:	In parking lot at central portion of DSL 50' northeast of SVE-1
Drilling equipment:	CME 85, 4.25-inch I.D. hollow-stem auger
Sampling equipment:	Stainless steel macro-core sampler, 5 ft by 2" dia.
Borehole Diameter:	8 inches
Total Depth:	20 feet below grade
Start date:	9/19/2005
Completion date:	9/19/2005

Surface Elevation (ft MSL): 757.9266
Top of Casing Elevation (ft MSL):
Northing: 159042.1119
Easting: 4050473.5082
Depth to ground water:

LEGEND: Cement/grout, Screen, #0 Sand Pack, Riser, Bentonite

DEPTH BELOW GRADE	CORE INTERVAL (ft bg)	PENETR/ RECOVERY (ft bg)	Analytical Sample Interval (ft bg)	SAMPLE DESCRIPTION	STRATUM CHANGE GENERAL DESCRIPT	Equipment Installed	Field Testing PID Headspace
0	0 - 5	full		concrete			
1				aggregate GRAVEL	1'		
2				moderate yellowish brown 10 YR 5/4, damp, silty SAND, some gravel	2'		0.0
3							
4							
5	5 - 10	full		grayish olive 10Y 4/2, moist, sandy CLAY, little gravel	5'		
6							200.0
7				as above, moist, soft			16.0
8			*	dark brown 5 YR 2/2, moist, sandy SILT (peat)	8'		450.0
9				grayish olive 10Y 4/2, moist, CLAY, little sand and gravel	8.5'		
10	10 - 15	full					
11				grayish olive 10Y 4/2, wet, sandy SILT, odor	11'		450.0
12							
13							
14				grayish olive 10Y 4/2, damp, silty CLAY, little gravel, no odor	14'		0.0
15	15 - 20	full		light olive gray 5Y 5/2, wet, very fine SAND, little gravel, odor	15'		290.0
16							
17							
18			*	as above, moist, no odor			0.0
19				light olive gray 5Y 5/2, damp, silty CLAY, crumbly, hard, little gravel	18.5'		
20							
21				End of Boring at 20 fbg			
22							
23							

Notes:
1. Subsequent to soil sampling activities the borehole was backfilled with bentonite and topsoil at surface.
2. 5 ft hydraulic probe macro core sampler used, therefore no blow counts.
3. * denotes top of 2-ft discrete soil sample interval collected for laboratory analysis (field collocated taking at 18-20')
4. Subsequent to soil sampling activities a monitoring well was installed using 2- inch PVC riser flush threaded to a 10 ft. length of 0.010 inch slt PVC well screen; stick up.

O'BRIEN & GERE ENGINEERS, INC.

SOIL BORING LOG

BORING I.D.: OBG-229

PAGE 1 OF 1

CLIENT:	General Motors
PROJECT NAME:	Die Storage Lot Investigation
PROJECT LOCATION:	Flint, Michigan
FILE NO.:	4966/34573
BORING COMPANY:	Prosonic Corporation
FOREMAN:	Chris Barden
OBG GEOLOGIST:	Mike Robison
Boring Location:	In parking lot at central portion of DSL 50' west of SVE-1
Drilling equipment:	CME 85, 4.25-inch I.D. hollow-stem auger
Sampling equipment:	Stainless steel macro-core sampler, 5 ft by 2" dia.
Borehole Diameter:	8 inches
Total Depth:	20 feet below grade
Start date:	9/19/2005
Completion date:	9/19/2005

Surface Elevation (ft MSL):
Top of Casing Elevation (ft MSL):
Northing:
Easting:
Depth to ground water:

LEGEND: Cement/grout, #0 Sand Pack, Bentonite, Screen, Riser

DEPTH BELOW GRADE	CORE INTERVAL (ft bg)	PENETR/ RECOVERY (ft bg)	Analytical Sample Interval (ft bg)	SAMPLE DESCRIPTION	STRATUM CHANGE GENERAL DESCRIPT	Equipment Installed	Field Testing PID Headspace
0	0 - 5	full		concrete			
1				aggregate GRAVEL	1'		
2				moderate yellowish brown 10 YR 5/4, damp, silty SAND and gravel	2'		0.0
3				dark brown 5 YR 2/2 to black, damp, silty SAND, black cinders, slag, glass	3'		
4				grayish olive 10Y 4/2, moist, silty CLAY, little gravel, odor	4'		40.0
5	5 - 10	full					
6			*	grayish olive 10Y 4/2 to black, moist, clayey SILT, odor	6'		70.0
7							
8				grayish olive 10Y 4/2, moist, clayey SAND	8'		0.0
9							
10	10 - 15	full	*	as above, sandy CLAY	10'		0.0
11							
12							
13				as above, light olive gray 5Y 5/2	13'		
14							
15	15 - 20	full		light olive gray 5Y 5/2, wet, sandy SILT	15'		
16							
17							
18			*	light olive gray 5Y 5/2, silty CLAY, hard, crumbly, little gravel	18'		
19							
20							
21				End of Boring at 20 fbg			
22							
23							

Notes:
1. Subsequent to soil sampling activities the borehole was backfilled with bentonite and topsoil at surface.
2. 5 ft hydraulic probe macro core sampler used, therefore no blow counts.
3. * denotes top of 2-ft discrete soil sample interval collected for laboratory analysis
4. Subsequent to soil sampling activities a monitoring well was installed using 2- inch PVC riser flush threaded to a 10 ft. length of 0.010 inch slt PVC well screen; stick up.

O'BRIEN & GERE ENGINEERS, INC.

SOIL BORING LOG

BORING I.D.: OBG-230

PAGE 1 OF 1

CLIENT:	General Motors
PROJECT NAME:	Die Storage Lot Investigation
PROJECT LOCATION:	Flint, Michigan
FILE NO.	4966/34573
BORING COMPANY:	Prosonic Corporation
FOREMAN:	Chris Barden
OBG GEOLOGIST:	Mike Robison
Boring Location:	In parking lot at central portion of DSL 50' east of SVE-1
Drilling equipment:	CME 85, 4.25-inch I.D. hollow-stem auger
Sampling equipment:	Stainless steel macro-core sampler, 5 ft by 2" dia.
Borehole Diameter:	8 inches
Total Depth:	20 feet below grade
Start date:	9/19/2005
Completion date:	9/19/2005

Surface Elevation (ft MSL): 758.0267
Top of Casing Elevation (ft MSL):
Northing: 159000.1604
Easting: 4050523.438
Depth to ground water:

LEGEND: Cement/grout, #0 Sand Pack, Bentonite, Screen, Riser

DEPTH BELOW GRADE	CORE INTERVAL (ft bg)	PENETR/ RECOVERY (ft bg)	Analytical Sample Interval (ft bg)	SAMPLE DESCRIPTION	STRATUM CHANGE GENERAL DESCRIPT	Equipment Installed	Field Testing PID Headspace
0	0 - 5	full		concrete			
1				aggregate GRAVEL	1'		
2				moderate yellowish brown 10 YR 5/4, damp, silty SAND and some gravel	2'		
3				dark brown 5 YR 2/2 to black, dry, silty SAND with cinder, slag	3'		0.0
4							
5	5 - 10	full		grayish olive 10Y 4/2, damp silty CLAY	5'		
6			*	grayish olive 10Y 4/2 to black, damp, sandy SILT	6'		6.0
7							
8				grayish olive 10Y 4/2, moist, fine SAND	8'		3.0
9				grayish olive 10Y 4/2, light olive gray mottling 5Y 5/2, damp, sandy CLAY	9'		0.0
10	10 - 15	full	*	as above, moist	10'		
11							
12				grayish olive, wet, sandy SILT	12'		
13							
14				light olive gray 5Y 5/2, wet, fine SAND	14'		
15	15 - 20	full					
16							
17				as above, moist, little CLAY	17'		
18				light olive gray 5Y 5/2, damp, silty CLAY, hard, little gravel (1" daimeter)	18'		
19							
20							
21				End of Boring at 20 fbg			
22							
23							

Notes:
1. Subsequent to soil sampling activities the borehole was backfilled with bentonite and topsoil at surface.
2. 5 ft hydraulic probe macro core sampler used, therefore no blow counts.
3. * denotes top of 2-ft discrete soil sample interval collected for laboratory analysis; 6-8' sample included a field dup; 10-12' sample was a MSD/MS
4. Subsequent to soil sampling activities a monitoring well was installed using 2- inch PVC riser flush threaded to a 10 ft. length of 0.010 inch slt PVC well screen; stick up.

O'BRIEN & GERE ENGINEERS, INC.

SOIL BORING LOG

BORING I.D.: OBG-231

PAGE 1 OF 1

CLIENT:	General Motors
PROJECT NAME:	Die Storage Lot Investigation
PROJECT LOCATION:	Flint, Michigan
FILE NO.:	4966/34573
BORING COMPANY:	Prosonic Corporation
FOREMAN:	Chris Barden
OBG GEOLOGIST:	Mike Robison
Boring Location:	In parking lot at central portion of DSL 85' northeast of SVE-1
Drilling equipment:	CME 85, 4.25-inch I.D. hollow-stem auger
Sampling equipment:	Stainless steel macro-core sampler, 5 ft by 2" dia.
Borehole Diameter:	8 inches
Total Depth:	20 feet below grade
Start date:	9/19/2005
Completion date:	9/19/2005

Surface Elevation (ft MSL): 757.5552
Top of Casing Elevation (ft MSL):
Northing: 159073.5514
Easting: 4050495.337
Depth to ground water:

LEGEND: Cement/grout; Screen; #0 Sand Pack; Riser; Bentonite

DEPTH BELOW GRADE	CORE INTERVAL (ft bg)	PENETR/ RECOVERY (ft bg)	Analytical Sample Interval (ft bg)	SAMPLE DESCRIPTION	STRATUM CHANGE GENERAL DESCRIPT	Equipment Installed	Field Testing PID Headspace
0	0 - 5	full		concrete			
1				aggregate GRAVEL	1'		
2				moderate yellowish brown 10 YR 5/4, dry, silty SAND and gravel			
3			*	dark brown 5 YR 2/2 to black, dry, silty SAND, slag, cinder	3'		
4				moderate yellowish brown 10 YR 5/4, damp, silty CLAY, little gravel	3.5'		4.0
5	5 - 10	full					0.0
6			*	dark brown 5 YR 2/2, moist, silty SAND and roots (peat)	6'		0.0
7							
8				grayish olive 10Y 4/2, wet, clayey SAND	8'		0.0
9							
10	10 - 15	full		as above, light olive gray 5Y 5/2	10'		0.0
11							
12							
13				as above, sandy CLAY	13'		
14							
15	15 - 20	full		as above, soft	15'		
16							
17							
18							
19							
20				light olive gray 5Y 5/2, wet, fine to coarse SAND	19.5'		
21				End of Boring at 20 fbg			
22							
23							

Notes:
1. Subsequent to soil sampling activities the borehole was backfilled with bentonite and topsoil at surface.
2. 5 ft hydraulic probe macro core sampler used, therefore no blow counts.
3. * denotes top of 2-ft discrete soil sample interval collected for laboratory analysis (FC & collocated at 3-5')

O'BRIEN & GERE ENGINEERS, INC.

SOIL BORING LOG

BORING I.D.: OBG -MW22

PAGE 1 OF 1

CLIENT:	General Motors
PROJECT NAME:	Die Storage Lot Investigation
PROJECT LOCATION:	Flint, Michigan
FILE NO:	4966/34573
BORING COMPANY:	Prosonic Corporation
FOREMAN:	Chris Barden
OBG GEOLOGIST:	Mike Robison
Boring Location:	In parking lot at northern portion of DSL. Between OBG-MW17 and OBG-MW21
Drilling equipment:	CME 85, 4.25-inch I.D. hollow-stem auger
Sampling equipment:	Stainless steel macro-core sampler, 5 ft by 2" dia.
Borehole Diameter:	8 inches
Total Depth:	20 feet below grade
Start date:	9/19/2005
Completion date:	9/19/2005

Surface Elevation (ft MSL): 756.7430
Top of Casing Elevation (ft MSL): 756.5158
Northing: 159251.0825
Easting: 4050255.6470
Depth to ground water:

LEGEND: Cement/grout, Screen, #0 Sand Pack, Riser, Bentonite

DEPTH BELOW GRADE	CORE INTERVAL (ft bg)	PENETR/ RECOVERY (ft bg)	Analytical Sample Interval (ft bg)	SAMPLE DESCRIPTION	STRATUM CHANGE GENERAL DESCRIPT	Equipment Installed	Field Testing PID Headspace
0	0-1	full		concrete	6"		
				aggregate GRAVEL	1'		
1				moderate yellowish brown 10 YR 5/4, dry, silty SAND, little gravel			0.0
2				no recovery; pushed rock	2'		
3							
4							
5	5 - 10	full		moderate yellowish brown 10 YR 5/4, damp, silty SAND, little gravel	5'		0.0
6				metal pieces in auger cuttings			
7							
8				as above	8'		0.0
9							
10	10 - 15	full		as above, sandy SILT	10'		
11							
12							
13							
14				dark brown 5 YR 2/2, moist, sandy SILT (peat)	14'		0.0
15	15 - 20	full		grayish olive 10Y 4/2, moist, sandy CLAY	15'		
16				grayish olive 10Y 4/2, wet, very fine SAND, little silt	16'		
17							
18				light olive gray 5Y 5/2, damp, hard silty CLAY, little gravel (crumbly)	18'		
19							
20							
				End of Boring at 20 fbg			
21							
22							
23							

Notes:

1. 5 ft hydraulic probe macro core sampler used, therefore no blow counts.
2. * denotes top of 2-ft discrete soil sample interval collected for laboratory analysis.
3. Subsequent to soil sampling activities a monitoring well was installed using 2- inch PVC riser flush threaded to a 10 ft. length of 0.010 inch slt PVC well screen; flush mount.

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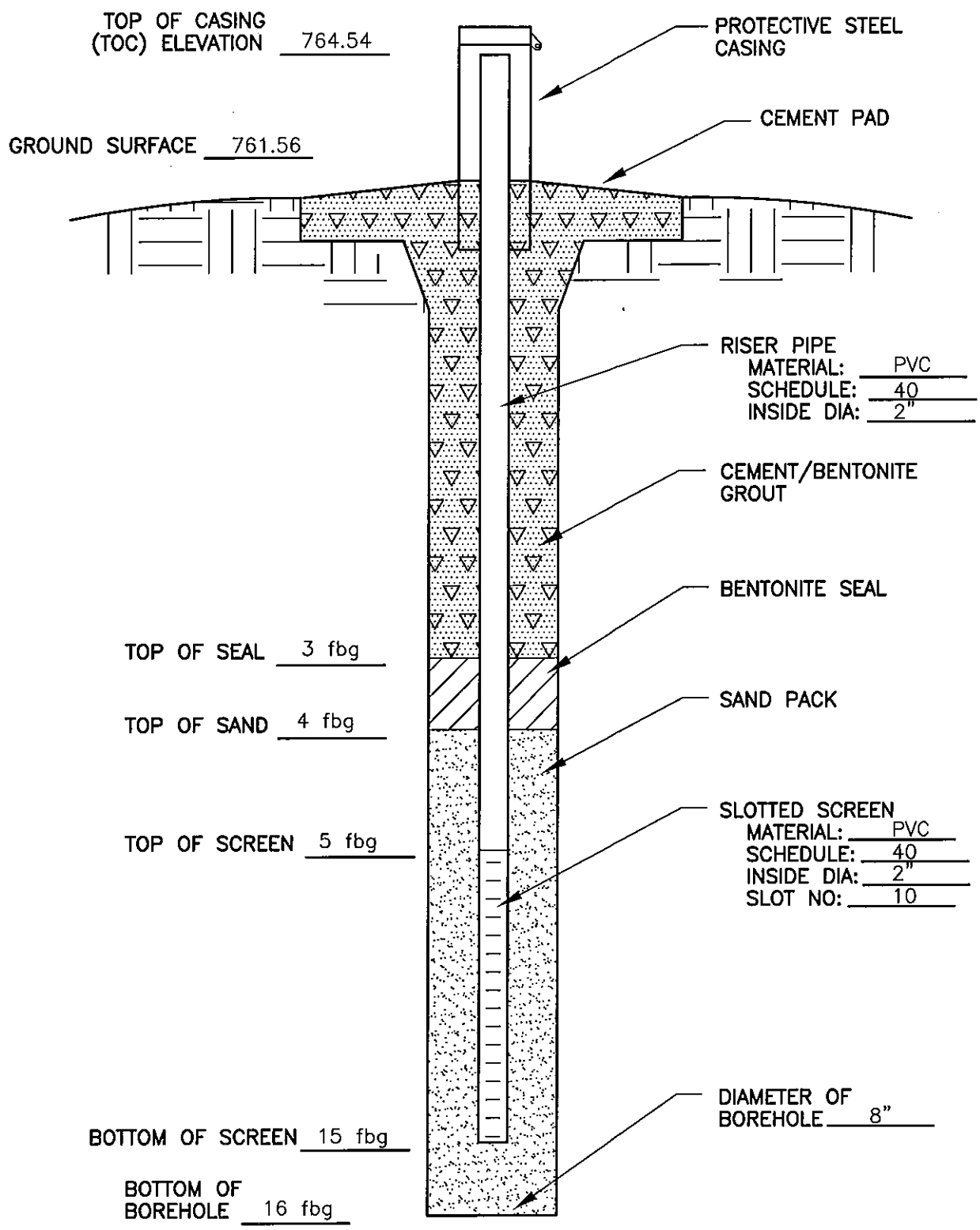

DIE STORAGE LOT
FLINT, MICHIGAN
MONITORING WELL OBG-MW14

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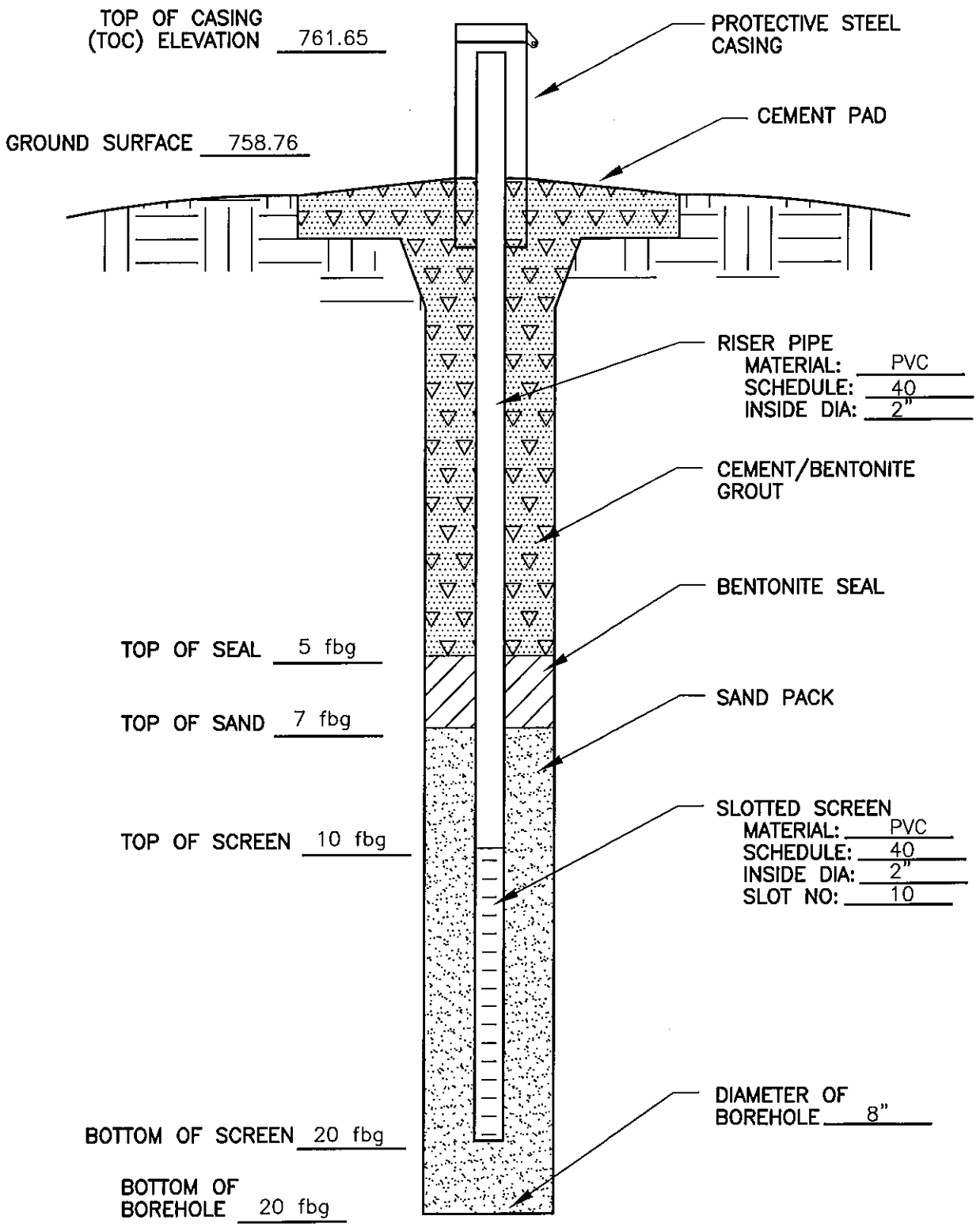

DIE STORAGE LOT
FLINT, MICHIGAN
MONITORING WELL OBG-MW15

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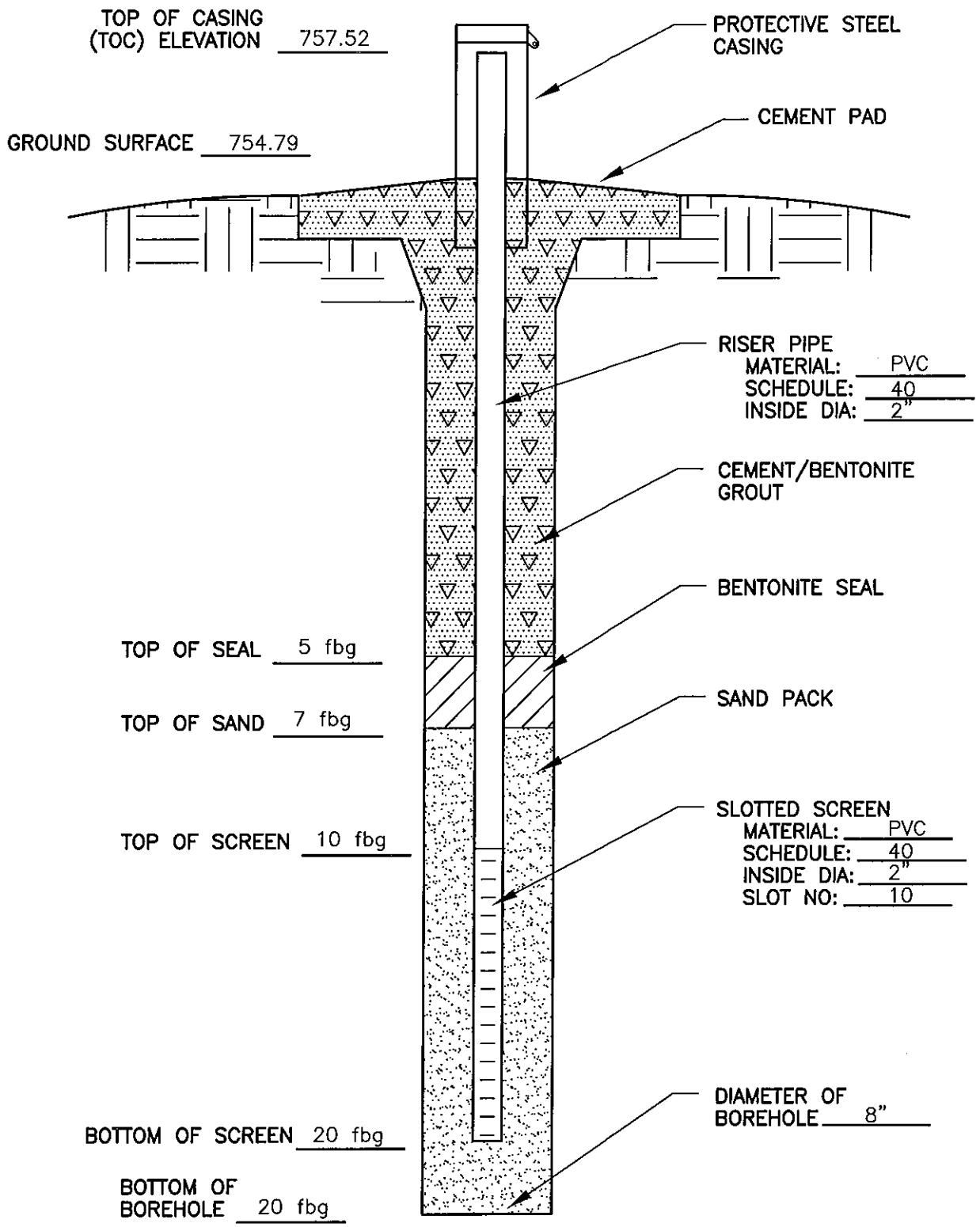
O'BRIEN & GERE
ENGINEERS INC.



DIE STORAGE LOT
FLINT, MICHIGAN
MONITORING WELL OBG-MW16

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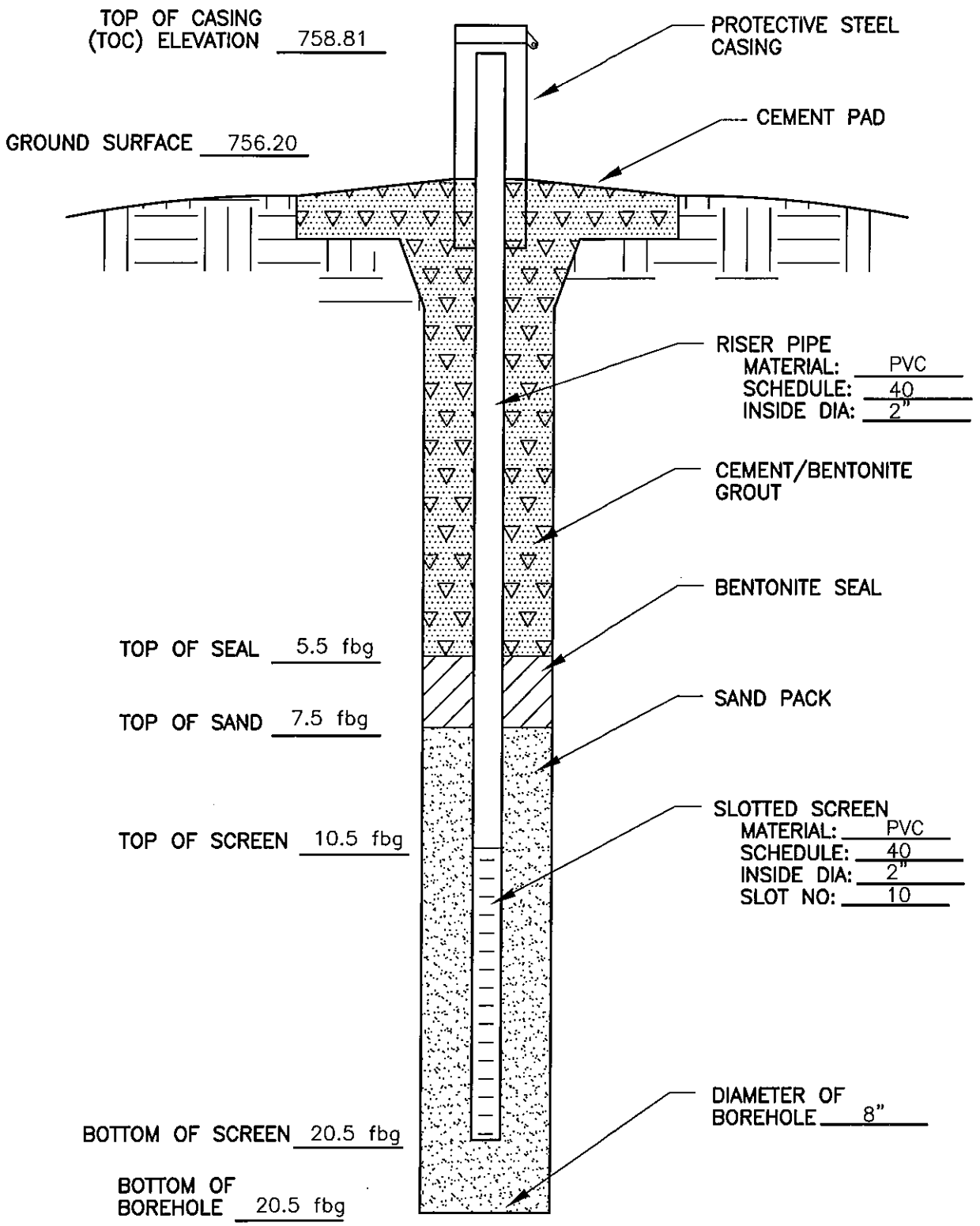
O'BRIEN & GERE
ENGINEERS INC.



DIE STORAGE LOT
FLINT, MICHIGAN
MONITORING WELL OBG-MW17

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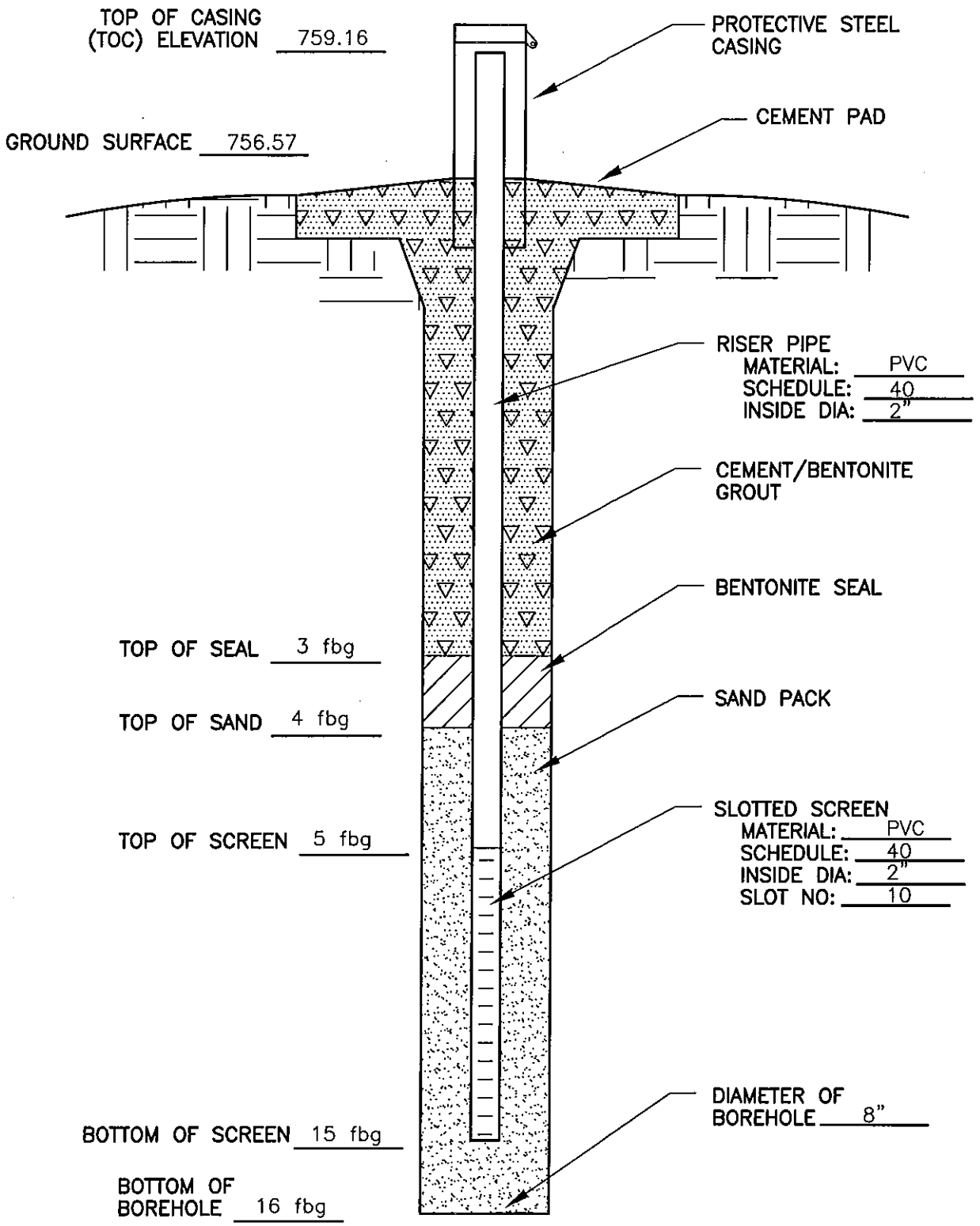
O'BRIEN & GERE
ENGINEERS INC.



DIE STORAGE LOT
FLINT, MICHIGAN
MONITORING WELL OBG-MW18

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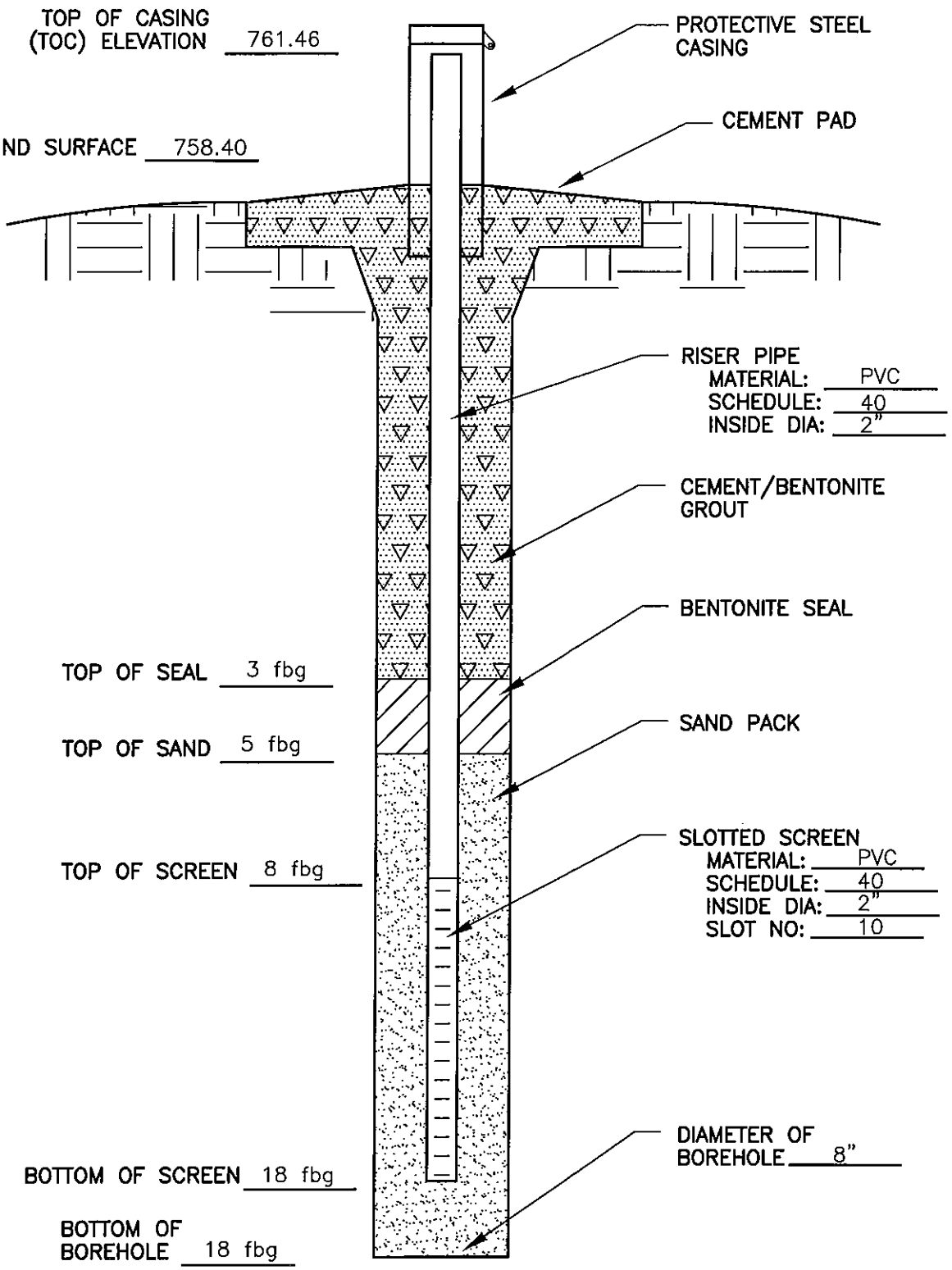
O'BRIEN & GERE
ENGINEERS INC.



DIE STORAGE LOT
FLINT, MICHIGAN
MONITORING WELL OBG-MW19

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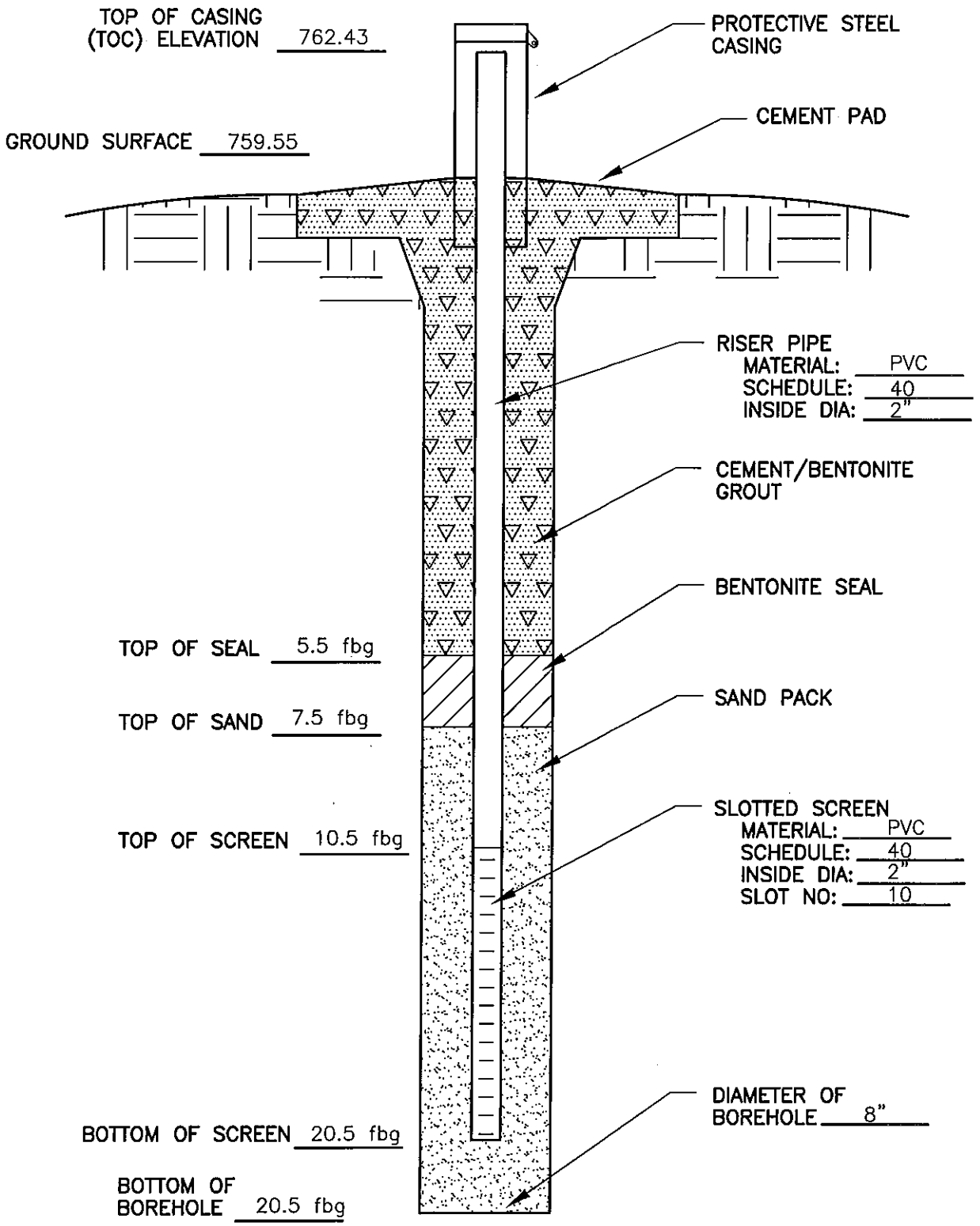
O'BRIEN & GERE
ENGINEERS INC.



DIE STORAGE LOT
FLINT, MICHIGAN
MONITORING WELL OBG-MW20

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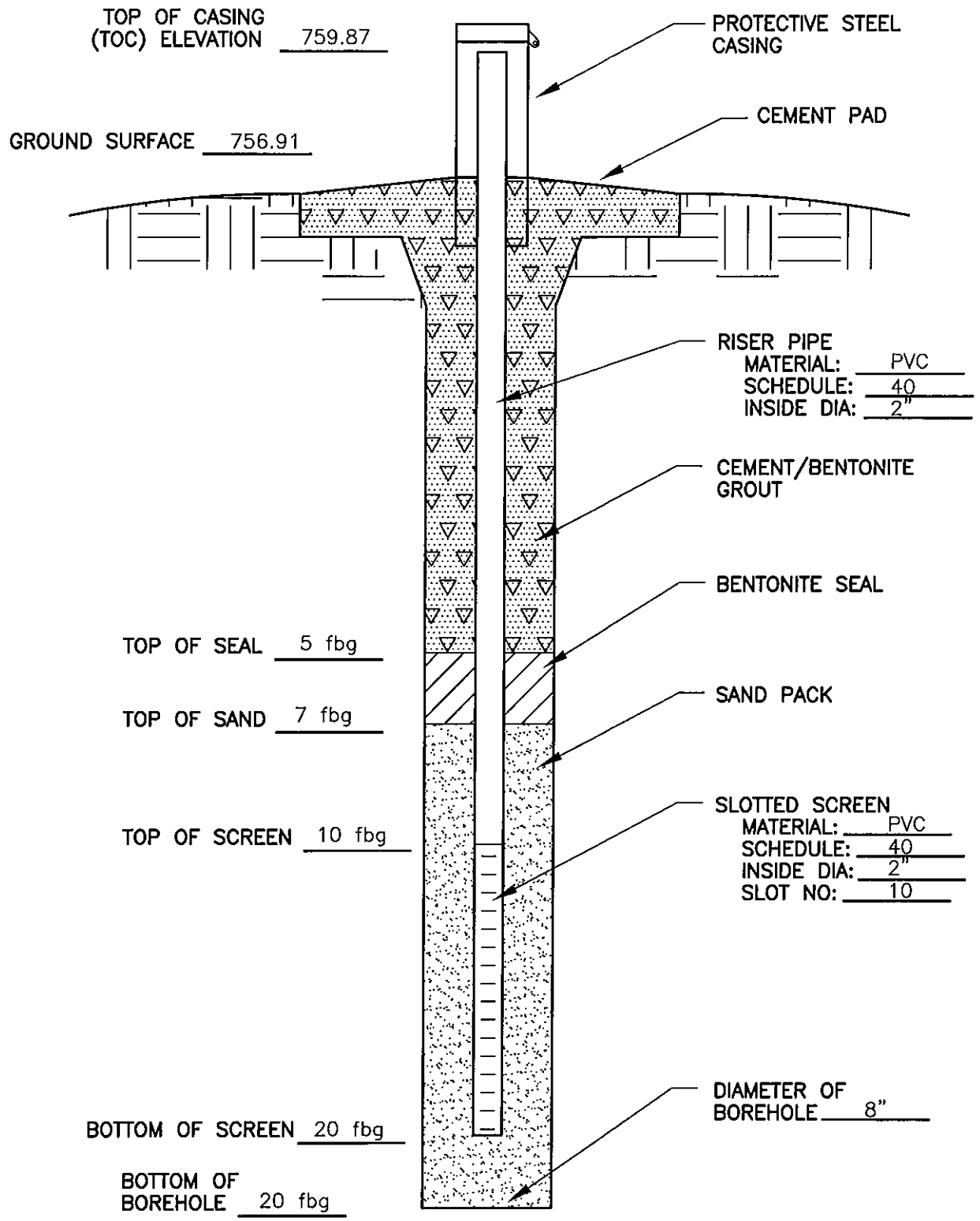
O'BRIEN & GERE
ENGINEERS INC.



DIE STORAGE LOT
FLINT, MICHIGAN
MONITORING WELL OBG-MW21

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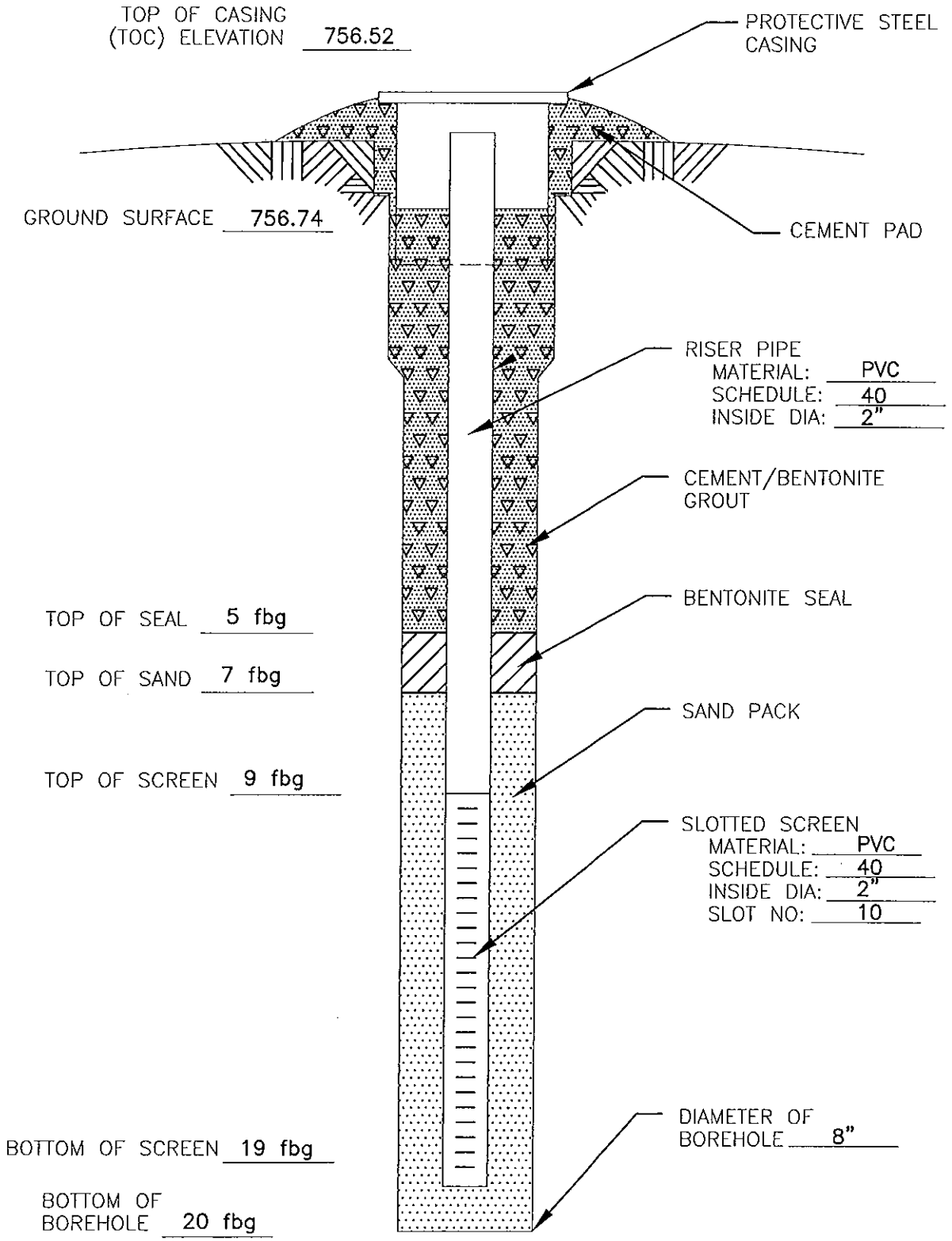
O'BRIEN & GERE
ENGINEERS INC.



DIE STORAGE LOT
FLINT, MICHIGAN
MONITORING WELL OBG-MW22

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Analytical Laboratory Report

Report ID: S21786.01(01)
Generated on 04/28/2005

Report to

Attention: Tony Finch/ Sandy Pelowski
O'Brien & Gere Engineers
33469 West 14 Mile Road, Suite 150
Farmington Hills, MI 48331

Phone: 248-661-3745 FAX: 248-661-4057

Report produced by

Merit Laboratories
2680 East Lansing Drive
East Lansing, MI 48823

Phone: (517) 332-0167 FAX: (517) 332-6333

Report Summary

Lab Sample ID(s): S21786.01-S21786.13
Project: 34573 Die Storage Lot SSOW# R040005
Submitted Date/Time: 04/13/2005 14:45
Sampled by: Mike Robison
P.O. #: 409131

Report Notes

Results relate only to items tested.
Methods may be modified for improved performance.
Results reported on a dry weight basis where applicable.
"Not detected" indicates that parameter was not found at a level equal to or greater than the RDL.
Report shall not be reproduced except in full, without the written approval of Merit Laboratories.

Violetta F. Murshak
Laboratory Director

Lab Sample ID: S21786.01
Sample Tag: SO-041205-001
Collected Date/Time: 04/12/2005 09:15
Matrix: Soil
COC Reference: 04104

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	40 ml Glass	MeOH	Yes	4	3
1	4oz. Glass	None	Yes	4	3

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Lead, Fine and Coarse Digestion	Completed				04/18/05 16:00	PER		
Lead, Fine and Coarse Prep	Completed			3050B	04/15/05 10:00	JRT		
Metal Digestion	Completed			3050B	04/21/05 12:00	PER		
Metals								
% Coarse by Weight	92.1	%			04/15/05 10:00	JRT		
% Fine by Weight	7.9	%			04/15/05 10:00	JRT		
Total Solids	89	%	1	160.3	04/15/05 10:30	JRT		
Barium	22.0	mg/kg	1.0	6020	04/22/05 12:08	SLS	7440-39-3	
Lead, Coarse	4.48	mg/kg	1.0		04/22/05 10:59	SLS		
Lead, Fine	20.3	mg/kg	1.0		04/22/05 10:37	SLS		
Organics - Volatiles								
Volatile Organics OBG								
Acetone	Not detected	ug/kg	800	5035/8260B	04/23/05 18:16	JGH	67-64-1	
Benzene	Not detected	ug/kg	50	5035/8260B	04/23/05 18:16	JGH	71-43-2	
Bromodichloromethane	Not detected	ug/kg	50	5035/8260B	04/23/05 18:16	JGH	75-27-4	
Bromoform	Not detected	ug/kg	50	5035/8260B	04/23/05 18:16	JGH	75-25-2	
Bromomethane	Not detected	ug/kg	300	5035/8260B	04/23/05 18:16	JGH	74-83-9	
2-Butanone (MEK)	Not detected	ug/kg	800	5035/8260B	04/23/05 18:16	JGH	78-93-3	
n-Butylbenzene	Not detected	ug/kg	50	5035/8260B	04/23/05 18:16	JGH	104-51-8	
sec-Butylbenzene	Not detected	ug/kg	50	5035/8260B	04/23/05 18:16	JGH	135-98-8	
tert-Butylbenzene	Not detected	ug/kg	50	5035/8260B	04/23/05 18:16	JGH	98-06-6	
Carbon disulfide	Not detected	ug/kg	300	5035/8260B	04/23/05 18:16	JGH	75-15-0	
Carbon tetrachloride	Not detected	ug/kg	50	5035/8260B	04/23/05 18:16	JGH	56-23-5	
Chlorobenzene	Not detected	ug/kg	50	5035/8260B	04/23/05 18:16	JGH	108-90-7	
Chloroethane	Not detected	ug/kg	300	5035/8260B	04/23/05 18:16	JGH	75-00-3	
2-Chloroethylvinyl ether	Not detected	ug/kg	500	5035/8260B	04/23/05 18:16	JGH	110-75-8	
Chloroform	Not detected	ug/kg	50	5035/8260B	04/23/05 18:16	JGH	67-66-3	
Chloromethane	Not detected	ug/kg	300	5035/8260B	04/23/05 18:16	JGH	74-87-3	
Dibromochloromethane	Not detected	ug/kg	50	5035/8260B	04/23/05 18:16	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/kg	50	5035/8260B	04/23/05 18:16	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/kg	50	5035/8260B	04/23/05 18:16	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/kg	50	5035/8260B	04/23/05 18:16	JGH	106-46-7	
1,1-Dichloroethene	Not detected	ug/kg	50	5035/8260B	04/23/05 18:16	JGH	75-35-4	
1,2-Dichloroethane	Not detected	ug/kg	50	5035/8260B	04/23/05 18:16	JGH	107-06-2	
1,1-Dichloroethane	Not detected	ug/kg	50	5035/8260B	04/23/05 18:16	JGH	75-34-3	
cis-1,2-Dichloroethene	Not detected	ug/kg	50	5035/8260B	04/23/05 18:16	JGH	156-59-2	
trans-1,2-Dichloroethene	Not detected	ug/kg	50	5035/8260B	04/23/05 18:16	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/kg	50	5035/8260B	04/23/05 18:16	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/kg	50	5035/8260B	04/23/05 18:16	JGH	10061-01-5	
trans-1,3-Dichloropropene	Not detected	ug/kg	50	5035/8260B	04/23/05 18:16	JGH	10061-02-6	

Lab Sample ID: S21786.01 (continued)

Sample Tag: SO-041205-001

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics OBG (continued)								
Ethylbenzene	Not detected	ug/kg	50	5035/8260B	04/23/05 18:16	JGH	100-41-4	
2-Hexanone	Not detected	ug/kg	3,000	5035/8260B	04/23/05 18:16	JGH	591-78-6	
Isopropylbenzene	Not detected	ug/kg	50	5035/8260B	04/23/05 18:16	JGH	98-82-8	
p-Isopropyltoluene	Not detected	ug/kg	100	5035/8260B	04/23/05 18:16	JGH	99-87-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/kg	3,000	5035/8260B	04/23/05 18:16	JGH	108-10-1	
Methylene chloride	Not detected	ug/kg	300	5035/8260B	04/23/05 18:16	JGH	75-09-2	
tert-Methyl butyl ether (MTBE)	Not detected	ug/kg	300	5035/8260B	04/23/05 18:16	JGH	1634-04-4	
Naphthalene	Not detected	ug/kg	300	5035/8260B	04/23/05 18:16	JGH	91-20-3	
n-Propylbenzene	Not detected	ug/kg	100	5035/8260B	04/23/05 18:16	JGH	103-65-1	
Styrene	Not detected	ug/kg	50	5035/8260B	04/23/05 18:16	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/kg	50	5035/8260B	04/23/05 18:16	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/kg	50	5035/8260B	04/23/05 18:16	JGH	127-18-4	
Toluene	Not detected	ug/kg	50	5035/8260B	04/23/05 18:16	JGH	108-88-3	
1,1,1-Trichloroethane	Not detected	ug/kg	50	5035/8260B	04/23/05 18:16	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/kg	50	5035/8260B	04/23/05 18:16	JGH	79-00-5	
Trichloroethene	Not detected	ug/kg	50	5035/8260B	04/23/05 18:16	JGH	79-01-6	
Trichlorofluoromethane	Not detected	ug/kg	100	5035/8260B	04/23/05 18:16	JGH	75-69-4	
1,2,4-Trimethylbenzene	Not detected	ug/kg	100	5035/8260B	04/23/05 18:16	JGH	95-63-6	
1,3,5-Trimethylbenzene	Not detected	ug/kg	100	5035/8260B	04/23/05 18:16	JGH	108-67-8	
Vinyl chloride	Not detected	ug/kg	100	5035/8260B	04/23/05 18:16	JGH	75-01-4	
o-Xylene	Not detected	ug/kg	50	5035/8260B	04/23/05 18:16	JGH	95-47-6	
p,m-Xylene	Not detected	ug/kg	50	5035/8260B	04/23/05 18:16	JGH		

Analytical Laboratory Report

Lab Sample ID: S21786.02
Sample Tag: SO-041205-002
Collected Date/Time: 04/12/2005 10:00
Matrix: Soil
COC Reference: 04104

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	40 ml Glass	MeOH	Yes	4	3
1	4oz. Glass	None	Yes	4	3

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Lead, Fine and Coarse Digestion	Completed				04/18/05 16:00	PER		
Lead, Fine and Coarse Prep	Completed			3050B	04/15/05 10:00	JRT		
Metal Digestion	Completed			3050B	04/21/05 12:00	PER		
Metals								
% Coarse by Weight	88.5	%			04/15/05 10:00	JRT		
% Fine by Weight	11.5	%			04/15/05 10:00	JRT		
Total Solids	85	%	1	160.3	04/15/05 10:30	JRT		
Barium	75.8	mg/kg	1.0	6020	04/22/05 12:10	SLS	7440-39-3	
Lead, Coarse	9.95	mg/kg	1.0		04/22/05 11:00	SLS		
Lead, Fine	26.0	mg/kg	1.0		04/22/05 10:39	SLS		
Organics - Volatiles								
Volatile Organics OBG								
Acetone	Not detected	ug/kg	900	5035/8260B	04/23/05 18:49	JGH	67-64-1	
Benzene	Not detected	ug/kg	60	5035/8260B	04/23/05 18:49	JGH	71-43-2	
Bromodichloromethane	Not detected	ug/kg	60	5035/8260B	04/23/05 18:49	JGH	75-27-4	
Bromoform	Not detected	ug/kg	60	5035/8260B	04/23/05 18:49	JGH	75-25-2	
Bromomethane	Not detected	ug/kg	300	5035/8260B	04/23/05 18:49	JGH	74-83-9	
2-Butanone (MEK)	Not detected	ug/kg	900	5035/8260B	04/23/05 18:49	JGH	78-93-3	
n-Butylbenzene	Not detected	ug/kg	60	5035/8260B	04/23/05 18:49	JGH	104-51-8	
sec-Butylbenzene	Not detected	ug/kg	60	5035/8260B	04/23/05 18:49	JGH	135-98-8	
tert-Butylbenzene	Not detected	ug/kg	60	5035/8260B	04/23/05 18:49	JGH	98-06-6	
Carbon disulfide	Not detected	ug/kg	300	5035/8260B	04/23/05 18:49	JGH	75-15-0	
Carbon tetrachloride	Not detected	ug/kg	60	5035/8260B	04/23/05 18:49	JGH	56-23-5	
Chlorobenzene	Not detected	ug/kg	60	5035/8260B	04/23/05 18:49	JGH	108-90-7	
Chloroethane	Not detected	ug/kg	300	5035/8260B	04/23/05 18:49	JGH	75-00-3	
2-Chloroethylvinyl ether	Not detected	ug/kg	600	5035/8260B	04/23/05 18:49	JGH	110-75-8	
Chloroform	Not detected	ug/kg	60	5035/8260B	04/23/05 18:49	JGH	67-66-3	
Chloromethane	Not detected	ug/kg	300	5035/8260B	04/23/05 18:49	JGH	74-87-3	
Dibromochloromethane	Not detected	ug/kg	60	5035/8260B	04/23/05 18:49	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/kg	60	5035/8260B	04/23/05 18:49	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/kg	60	5035/8260B	04/23/05 18:49	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/kg	60	5035/8260B	04/23/05 18:49	JGH	106-46-7	
1,1-Dichloroethene	Not detected	ug/kg	60	5035/8260B	04/23/05 18:49	JGH	75-35-4	
1,2-Dichloroethane	Not detected	ug/kg	60	5035/8260B	04/23/05 18:49	JGH	107-06-2	
1,1-Dichloroethane	Not detected	ug/kg	60	5035/8260B	04/23/05 18:49	JGH	75-34-3	
cis-1,2-Dichloroethene	Not detected	ug/kg	60	5035/8260B	04/23/05 18:49	JGH	156-59-2	
trans-1,2-Dichloroethene	Not detected	ug/kg	60	5035/8260B	04/23/05 18:49	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/kg	60	5035/8260B	04/23/05 18:49	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/kg	60	5035/8260B	04/23/05 18:49	JGH	10061-01-5	
trans-1,3-Dichloropropene	Not detected	ug/kg	60	5035/8260B	04/23/05 18:49	JGH	10061-02-6	

Lab Sample ID: S21786.02 (continued)

Sample Tag: SO-041205-002

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics OBG (continued)								
Ethylbenzene	Not detected	ug/kg	60	5035/8260B	04/23/05 18:49	JGH	100-41-4	
2-Hexanone	Not detected	ug/kg	3,000	5035/8260B	04/23/05 18:49	JGH	591-78-6	
Isopropylbenzene	Not detected	ug/kg	60	5035/8260B	04/23/05 18:49	JGH	98-82-8	
p-Isopropyltoluene	Not detected	ug/kg	100	5035/8260B	04/23/05 18:49	JGH	99-87-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/kg	3,000	5035/8260B	04/23/05 18:49	JGH	108-10-1	
Methylene chloride	Not detected	ug/kg	300	5035/8260B	04/23/05 18:49	JGH	75-09-2	
tert-Methyl butyl ether (MTBE)	Not detected	ug/kg	300	5035/8260B	04/23/05 18:49	JGH	1634-04-4	
Naphthalene	Not detected	ug/kg	400	5035/8260B	04/23/05 18:49	JGH	91-20-3	
n-Propylbenzene	Not detected	ug/kg	100	5035/8260B	04/23/05 18:49	JGH	103-65-1	
Styrene	Not detected	ug/kg	60	5035/8260B	04/23/05 18:49	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/kg	60	5035/8260B	04/23/05 18:49	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/kg	60	5035/8260B	04/23/05 18:49	JGH	127-18-4	
Toluene	Not detected	ug/kg	60	5035/8260B	04/23/05 18:49	JGH	108-88-3	
1,1,1-Trichloroethane	Not detected	ug/kg	60	5035/8260B	04/23/05 18:49	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/kg	60	5035/8260B	04/23/05 18:49	JGH	79-00-5	
Trichloroethene	Not detected	ug/kg	60	5035/8260B	04/23/05 18:49	JGH	79-01-6	
Trichlorofluoromethane	Not detected	ug/kg	100	5035/8260B	04/23/05 18:49	JGH	75-69-4	
1,2,4-Trimethylbenzene	Not detected	ug/kg	100	5035/8260B	04/23/05 18:49	JGH	95-63-6	
1,3,5-Trimethylbenzene	Not detected	ug/kg	100	5035/8260B	04/23/05 18:49	JGH	108-67-8	
Vinyl chloride	Not detected	ug/kg	100	5035/8260B	04/23/05 18:49	JGH	75-01-4	
o-Xylene	Not detected	ug/kg	60	5035/8260B	04/23/05 18:49	JGH	95-47-6	
p,m-Xylene	Not detected	ug/kg	60	5035/8260B	04/23/05 18:49	JGH		

Analytical Laboratory Report

Lab Sample ID: S21786.03
Sample Tag: SO-041205-003
Collected Date/Time: 04/12/2005 11:15
Matrix: Soil
COC Reference: 04104

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	40 ml Glass	MeOH	Yes	4	3
1	4oz. Glass	None	Yes	4	3

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Lead, Fine and Coarse Digestion	Completed				04/18/05 16:00	PER		
Lead, Fine and Coarse Prep	Completed			3050B	04/15/05 10:00	JRT		
Metal Digestion	Completed			3050B	04/21/05 12:00	PER		
Metals								
% Coarse by Weight	90.0	%			04/15/05 10:00	JRT		
% Fine by Weight	10.0	%			04/15/05 10:00	JRT		
Total Solids	86	%	1	160.3	04/15/05 10:30	JRT		
Barium	41.5	mg/kg	1.0	6020	04/22/05 12:12	SLS	7440-39-3	
Lead, Coarse	5.30	mg/kg	1.0		04/22/05 11:02	SLS		
Lead, Fine	20.5	mg/kg	1.0		04/22/05 10:40	SLS		
Organics - Volatiles								
Volatile Organics OBG								
Acetone	Not detected	ug/kg	800	5035/8260B	04/23/05 19:22	JGH	67-64-1	
Benzene	Not detected	ug/kg	50	5035/8260B	04/23/05 19:22	JGH	71-43-2	
Bromodichloromethane	Not detected	ug/kg	50	5035/8260B	04/23/05 19:22	JGH	75-27-4	
Bromoform	Not detected	ug/kg	50	5035/8260B	04/23/05 19:22	JGH	75-25-2	
Bromomethane	Not detected	ug/kg	300	5035/8260B	04/23/05 19:22	JGH	74-83-9	
2-Butanone (MEK)	Not detected	ug/kg	800	5035/8260B	04/23/05 19:22	JGH	78-93-3	
n-Butylbenzene	Not detected	ug/kg	50	5035/8260B	04/23/05 19:22	JGH	104-51-8	
sec-Butylbenzene	Not detected	ug/kg	50	5035/8260B	04/23/05 19:22	JGH	135-98-8	
tert-Butylbenzene	Not detected	ug/kg	50	5035/8260B	04/23/05 19:22	JGH	98-06-6	
Carbon disulfide	Not detected	ug/kg	300	5035/8260B	04/23/05 19:22	JGH	75-15-0	
Carbon tetrachloride	Not detected	ug/kg	50	5035/8260B	04/23/05 19:22	JGH	56-23-5	
Chlorobenzene	Not detected	ug/kg	50	5035/8260B	04/23/05 19:22	JGH	108-90-7	
Chloroethane	Not detected	ug/kg	300	5035/8260B	04/23/05 19:22	JGH	75-00-3	
2-Chloroethylvinyl ether	Not detected	ug/kg	500	5035/8260B	04/23/05 19:22	JGH	110-75-8	
Chloroform	Not detected	ug/kg	50	5035/8260B	04/23/05 19:22	JGH	67-66-3	
Chloromethane	Not detected	ug/kg	300	5035/8260B	04/23/05 19:22	JGH	74-87-3	
Dibromochloromethane	Not detected	ug/kg	50	5035/8260B	04/23/05 19:22	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/kg	50	5035/8260B	04/23/05 19:22	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/kg	50	5035/8260B	04/23/05 19:22	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/kg	50	5035/8260B	04/23/05 19:22	JGH	106-46-7	
1,1-Dichloroethene	Not detected	ug/kg	50	5035/8260B	04/23/05 19:22	JGH	75-35-4	
1,2-Dichloroethane	Not detected	ug/kg	50	5035/8260B	04/23/05 19:22	JGH	107-06-2	
1,1-Dichloroethane	Not detected	ug/kg	50	5035/8260B	04/23/05 19:22	JGH	75-34-3	
cis-1,2-Dichloroethene	Not detected	ug/kg	50	5035/8260B	04/23/05 19:22	JGH	156-59-2	
trans-1,2-Dichloroethene	Not detected	ug/kg	50	5035/8260B	04/23/05 19:22	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/kg	50	5035/8260B	04/23/05 19:22	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/kg	50	5035/8260B	04/23/05 19:22	JGH	10061-01-5	
trans-1,3-Dichloropropene	Not detected	ug/kg	50	5035/8260B	04/23/05 19:22	JGH	10061-02-6	

Lab Sample ID: S21786.03 (continued)

Sample Tag: SO-041205-003

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics OBG (continued)								
Ethylbenzene	Not detected	ug/kg	50	5035/8260B	04/23/05 19:22	JGH	100-41-4	
2-Hexanone	Not detected	ug/kg	3,000	5035/8260B	04/23/05 19:22	JGH	591-78-6	
Isopropylbenzene	Not detected	ug/kg	50	5035/8260B	04/23/05 19:22	JGH	98-82-8	
p-Isopropyltoluene	Not detected	ug/kg	100	5035/8260B	04/23/05 19:22	JGH	99-87-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/kg	3,000	5035/8260B	04/23/05 19:22	JGH	108-10-1	
Methylene chloride	Not detected	ug/kg	300	5035/8260B	04/23/05 19:22	JGH	75-09-2	
tert-Methyl butyl ether (MTBE)	Not detected	ug/kg	300	5035/8260B	04/23/05 19:22	JGH	1634-04-4	
Naphthalene	Not detected	ug/kg	400	5035/8260B	04/23/05 19:22	JGH	91-20-3	
n-Propylbenzene	Not detected	ug/kg	100	5035/8260B	04/23/05 19:22	JGH	103-65-1	
Styrene	Not detected	ug/kg	50	5035/8260B	04/23/05 19:22	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/kg	50	5035/8260B	04/23/05 19:22	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/kg	50	5035/8260B	04/23/05 19:22	JGH	127-18-4	
Toluene	Not detected	ug/kg	50	5035/8260B	04/23/05 19:22	JGH	108-88-3	
1,1,1-Trichloroethane	Not detected	ug/kg	50	5035/8260B	04/23/05 19:22	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/kg	50	5035/8260B	04/23/05 19:22	JGH	79-00-5	
Trichloroethene	Not detected	ug/kg	50	5035/8260B	04/23/05 19:22	JGH	79-01-6	
Trichlorofluoromethane	Not detected	ug/kg	100	5035/8260B	04/23/05 19:22	JGH	75-69-4	
1,2,4-Trimethylbenzene	Not detected	ug/kg	100	5035/8260B	04/23/05 19:22	JGH	95-63-6	
1,3,5-Trimethylbenzene	Not detected	ug/kg	100	5035/8260B	04/23/05 19:22	JGH	108-67-8	
Vinyl chloride	Not detected	ug/kg	100	5035/8260B	04/23/05 19:22	JGH	75-01-4	
o-Xylene	Not detected	ug/kg	50	5035/8260B	04/23/05 19:22	JGH	95-47-6	
p,m-Xylene	Not detected	ug/kg	50	5035/8260B	04/23/05 19:22	JGH		

Analytical Laboratory Report

Lab Sample ID: S21786.04
Sample Tag: SO-041205-004
Collected Date/Time: 04/12/2005 11:15
Matrix: Soil
COC Reference: 04104

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	40 ml Glass	MeOH	Yes	4	3
1	4oz. Glass	None	Yes	4	3

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Lead, Fine and Coarse Digestion	Completed				04/18/05 16:00	PER		
Lead, Fine and Coarse Prep	Completed			3050B	04/15/05 10:00	JRT		
Metal Digestion	Completed			3050B	04/21/05 12:00	PER		
Metals								
% Coarse by Weight	89.1	%			04/15/05 10:00	JRT		
% Fine by Weight	10.9	%			04/15/05 10:00	JRT		
Total Solids	87	%	1	160.3	04/15/05 10:30	JRT		
Barium	41.4	mg/kg	1.0	6020	04/22/05 12:14	SLS	7440-39-3	
Lead, Coarse	4.92	mg/kg	1.0		04/22/05 11:04	SLS		
Lead, Fine	27.8	mg/kg	1.0		04/22/05 10:42	SLS		
Organics - Volatiles								
Volatile Organics OBG								
Acetone	Not detected	ug/kg	800	5035/8260B	04/23/05 19:55	JGH	67-64-1	
Benzene	Not detected	ug/kg	50	5035/8260B	04/23/05 19:55	JGH	71-43-2	
Bromodichloromethane	Not detected	ug/kg	50	5035/8260B	04/23/05 19:55	JGH	75-27-4	
Bromoform	Not detected	ug/kg	50	5035/8260B	04/23/05 19:55	JGH	75-25-2	
Bromomethane	Not detected	ug/kg	300	5035/8260B	04/23/05 19:55	JGH	74-83-9	
2-Butanone (MEK)	Not detected	ug/kg	800	5035/8260B	04/23/05 19:55	JGH	78-93-3	
n-Butylbenzene	Not detected	ug/kg	50	5035/8260B	04/23/05 19:55	JGH	104-51-8	
sec-Butylbenzene	Not detected	ug/kg	50	5035/8260B	04/23/05 19:55	JGH	135-98-8	
tert-Butylbenzene	Not detected	ug/kg	50	5035/8260B	04/23/05 19:55	JGH	98-06-6	
Carbon disulfide	Not detected	ug/kg	300	5035/8260B	04/23/05 19:55	JGH	75-15-0	
Carbon tetrachloride	Not detected	ug/kg	50	5035/8260B	04/23/05 19:55	JGH	56-23-5	
Chlorobenzene	Not detected	ug/kg	50	5035/8260B	04/23/05 19:55	JGH	108-90-7	
Chloroethane	Not detected	ug/kg	300	5035/8260B	04/23/05 19:55	JGH	75-00-3	
2-Chloroethylvinyl ether	Not detected	ug/kg	500	5035/8260B	04/23/05 19:55	JGH	110-75-8	
Chloroform	Not detected	ug/kg	50	5035/8260B	04/23/05 19:55	JGH	67-66-3	
Chloromethane	Not detected	ug/kg	300	5035/8260B	04/23/05 19:55	JGH	74-87-3	
Dibromochloromethane	Not detected	ug/kg	50	5035/8260B	04/23/05 19:55	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/kg	50	5035/8260B	04/23/05 19:55	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/kg	50	5035/8260B	04/23/05 19:55	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/kg	50	5035/8260B	04/23/05 19:55	JGH	106-46-7	
1,1-Dichloroethene	Not detected	ug/kg	50	5035/8260B	04/23/05 19:55	JGH	75-35-4	
1,2-Dichloroethane	Not detected	ug/kg	50	5035/8260B	04/23/05 19:55	JGH	107-06-2	
1,1-Dichloroethane	Not detected	ug/kg	50	5035/8260B	04/23/05 19:55	JGH	75-34-3	
cis-1,2-Dichloroethene	Not detected	ug/kg	50	5035/8260B	04/23/05 19:55	JGH	156-59-2	
trans-1,2-Dichloroethene	Not detected	ug/kg	50	5035/8260B	04/23/05 19:55	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/kg	50	5035/8260B	04/23/05 19:55	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/kg	50	5035/8260B	04/23/05 19:55	JGH	10061-01-5	
trans-1,3-Dichloropropene	Not detected	ug/kg	50	5035/8260B	04/23/05 19:55	JGH	10061-02-6	

Lab Sample ID: S21786.04 (continued)

Sample Tag: SO-041205-004

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics OBG (continued)								
Ethylbenzene	Not detected	ug/kg	50	5035/8260B	04/23/05 19:55	JGH	100-41-4	
2-Hexanone	Not detected	ug/kg	3,000	5035/8260B	04/23/05 19:55	JGH	591-78-6	
Isopropylbenzene	Not detected	ug/kg	50	5035/8260B	04/23/05 19:55	JGH	98-82-8	
p-Isopropyltoluene	Not detected	ug/kg	100	5035/8260B	04/23/05 19:55	JGH	99-87-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/kg	3,000	5035/8260B	04/23/05 19:55	JGH	108-10-1	
Methylene chloride	Not detected	ug/kg	300	5035/8260B	04/23/05 19:55	JGH	75-09-2	
tert-Methyl butyl ether (MTBE)	Not detected	ug/kg	300	5035/8260B	04/23/05 19:55	JGH	1634-04-4	
Naphthalene	Not detected	ug/kg	300	5035/8260B	04/23/05 19:55	JGH	91-20-3	
n-Propylbenzene	Not detected	ug/kg	100	5035/8260B	04/23/05 19:55	JGH	103-65-1	
Styrene	Not detected	ug/kg	50	5035/8260B	04/23/05 19:55	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/kg	50	5035/8260B	04/23/05 19:55	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/kg	50	5035/8260B	04/23/05 19:55	JGH	127-18-4	
Toluene	Not detected	ug/kg	50	5035/8260B	04/23/05 19:55	JGH	108-88-3	
1,1,1-Trichloroethane	Not detected	ug/kg	50	5035/8260B	04/23/05 19:55	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/kg	50	5035/8260B	04/23/05 19:55	JGH	79-00-5	
Trichloroethene	Not detected	ug/kg	50	5035/8260B	04/23/05 19:55	JGH	79-01-6	
Trichlorofluoromethane	Not detected	ug/kg	100	5035/8260B	04/23/05 19:55	JGH	75-69-4	
1,2,4-Trimethylbenzene	Not detected	ug/kg	100	5035/8260B	04/23/05 19:55	JGH	95-63-6	
1,3,5-Trimethylbenzene	Not detected	ug/kg	100	5035/8260B	04/23/05 19:55	JGH	108-67-8	
Vinyl chloride	Not detected	ug/kg	100	5035/8260B	04/23/05 19:55	JGH	75-01-4	
o-Xylene	Not detected	ug/kg	50	5035/8260B	04/23/05 19:55	JGH	95-47-6	
p,m-Xylene	Not detected	ug/kg	50	5035/8260B	04/23/05 19:55	JGH		

Lab Sample ID: S21786.05
Sample Tag: SO-041205-005
Collected Date/Time: 04/12/2005 13:30
Matrix: Soil
COC Reference: 04104

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	40 ml Glass	MeOH	Yes	4	3
1	4oz. Glass	None	Yes	4	3

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Lead, Fine and Coarse Digestion	Completed				04/18/05 16:00	PER		
Lead, Fine and Coarse Prep	Completed			3050B	04/15/05 10:00	JRT		
Metal Digestion	Completed			3050B	04/21/05 12:00	PER		
Metals								
% Coarse by Weight	73.1	%			04/15/05 10:00	JRT		
% Fine by Weight	26.9	%			04/15/05 10:00	JRT		
Total Solids	83	%	1	160.3	04/15/05 10:30	JRT		
Barium	101	mg/kg	1.0	6020	04/22/05 12:16	SLS	7440-39-3	
Lead, Coarse	102	mg/kg	1.0		04/22/05 11:06	SLS		
Lead, Fine	208	mg/kg	1.0		04/22/05 10:44	SLS		
Organics - Volatiles								
Volatile Organics OBG								
Acetone	Not detected	ug/kg	1,000	5035/8260B	04/23/05 20:29	JGH	67-64-1	
Benzene	Not detected	ug/kg	70	5035/8260B	04/23/05 20:29	JGH	71-43-2	
Bromodichloromethane	Not detected	ug/kg	70	5035/8260B	04/23/05 20:29	JGH	75-27-4	
Bromoform	Not detected	ug/kg	70	5035/8260B	04/23/05 20:29	JGH	75-25-2	
Bromomethane	Not detected	ug/kg	300	5035/8260B	04/23/05 20:29	JGH	74-83-9	
2-Butanone (MEK)	Not detected	ug/kg	1,000	5035/8260B	04/23/05 20:29	JGH	78-93-3	
n-Butylbenzene	Not detected	ug/kg	70	5035/8260B	04/23/05 20:29	JGH	104-51-8	
sec-Butylbenzene	Not detected	ug/kg	70	5035/8260B	04/23/05 20:29	JGH	135-98-8	
tert-Butylbenzene	Not detected	ug/kg	70	5035/8260B	04/23/05 20:29	JGH	98-06-6	
Carbon disulfide	Not detected	ug/kg	300	5035/8260B	04/23/05 20:29	JGH	75-15-0	
Carbon tetrachloride	Not detected	ug/kg	70	5035/8260B	04/23/05 20:29	JGH	56-23-5	
Chlorobenzene	Not detected	ug/kg	70	5035/8260B	04/23/05 20:29	JGH	108-90-7	
Chloroethane	Not detected	ug/kg	300	5035/8260B	04/23/05 20:29	JGH	75-00-3	
2-Chloroethylvinyl ether	Not detected	ug/kg	700	5035/8260B	04/23/05 20:29	JGH	110-75-8	
Chloroform	Not detected	ug/kg	70	5035/8260B	04/23/05 20:29	JGH	67-66-3	
Chloromethane	Not detected	ug/kg	300	5035/8260B	04/23/05 20:29	JGH	74-87-3	
Dibromochloromethane	Not detected	ug/kg	70	5035/8260B	04/23/05 20:29	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/kg	70	5035/8260B	04/23/05 20:29	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/kg	70	5035/8260B	04/23/05 20:29	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/kg	70	5035/8260B	04/23/05 20:29	JGH	106-46-7	
1,1-Dichloroethene	Not detected	ug/kg	70	5035/8260B	04/23/05 20:29	JGH	75-35-4	
1,2-Dichloroethane	Not detected	ug/kg	70	5035/8260B	04/23/05 20:29	JGH	107-06-2	
1,1-Dichloroethane	Not detected	ug/kg	70	5035/8260B	04/23/05 20:29	JGH	75-34-3	
cis-1,2-Dichloroethene	Not detected	ug/kg	70	5035/8260B	04/23/05 20:29	JGH	156-59-2	
trans-1,2-Dichloroethene	Not detected	ug/kg	70	5035/8260B	04/23/05 20:29	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/kg	70	5035/8260B	04/23/05 20:29	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/kg	70	5035/8260B	04/23/05 20:29	JGH	10061-01-5	
trans-1,3-Dichloropropene	Not detected	ug/kg	70	5035/8260B	04/23/05 20:29	JGH	10061-02-6	

Lab Sample ID: S21786.05 (continued)

Sample Tag: SO-041205-005

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics OBG (continued)								
Ethylbenzene	10	ug/kg	70	5035/8260B	04/23/05 20:29	JGH	100-41-4	J
2-Hexanone	Not detected	ug/kg	3,000	5035/8260B	04/23/05 20:29	JGH	591-78-6	
Isopropylbenzene	Not detected	ug/kg	70	5035/8260B	04/23/05 20:29	JGH	98-82-8	
p-Isopropyltoluene	Not detected	ug/kg	100	5035/8260B	04/23/05 20:29	JGH	99-87-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/kg	3,000	5035/8260B	04/23/05 20:29	JGH	108-10-1	
Methylene chloride	Not detected	ug/kg	300	5035/8260B	04/23/05 20:29	JGH	75-09-2	
tert-Methyl butyl ether (MTBE)	Not detected	ug/kg	300	5035/8260B	04/23/05 20:29	JGH	1634-04-4	
Naphthalene	Not detected	ug/kg	400	5035/8260B	04/23/05 20:29	JGH	91-20-3	
n-Propylbenzene	Not detected	ug/kg	100	5035/8260B	04/23/05 20:29	JGH	103-65-1	
Styrene	Not detected	ug/kg	70	5035/8260B	04/23/05 20:29	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/kg	70	5035/8260B	04/23/05 20:29	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/kg	70	5035/8260B	04/23/05 20:29	JGH	127-18-4	
Toluene	90	ug/kg	70	5035/8260B	04/23/05 20:29	JGH	108-88-3	
1,1,1-Trichloroethane	Not detected	ug/kg	70	5035/8260B	04/23/05 20:29	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/kg	70	5035/8260B	04/23/05 20:29	JGH	79-00-5	
Trichloroethene	Not detected	ug/kg	70	5035/8260B	04/23/05 20:29	JGH	79-01-6	
Trichlorofluoromethane	Not detected	ug/kg	100	5035/8260B	04/23/05 20:29	JGH	75-69-4	
1,2,4-Trimethylbenzene	Not detected	ug/kg	100	5035/8260B	04/23/05 20:29	JGH	95-63-6	
1,3,5-Trimethylbenzene	Not detected	ug/kg	100	5035/8260B	04/23/05 20:29	JGH	108-67-8	
Vinyl chloride	Not detected	ug/kg	100	5035/8260B	04/23/05 20:29	JGH	75-01-4	
o-Xylene	30	ug/kg	70	5035/8260B	04/23/05 20:29	JGH	95-47-6	J
p,m-Xylene	60	ug/kg	70	5035/8260B	04/23/05 20:29	JGH		J

J-Estimated value less than reporting limit, but greater than MDL

Analytical Laboratory Report

Lab Sample ID: S21786.06
Sample Tag: SO-041205-006
Collected Date/Time: 04/12/2005 15:00
Matrix: Soil
COC Reference: 04104

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	40 ml Glass	MeOH	Yes	4	3
1	4oz. Glass	None	Yes	4	3

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Lead, Fine and Coarse Digestion	Completed				04/18/05 16:00	PER		
Lead, Fine and Coarse Prep	Completed			3050B	04/15/05 10:00	JRT		
Metal Digestion	Completed			3050B	04/21/05 12:00	PER		
Metals								
% Coarse by Weight	91.1	%			04/15/05 10:00	JRT		
% Fine by Weight	8.9	%			04/15/05 10:00	JRT		
Total Solids	88	%	1	160.3	04/15/05 10:30	JRT		
Barium	41.4	mg/kg	1.0	6020	04/22/05 12:18	SLS	7440-39-3	
Lead, Coarse	5.07	mg/kg	1.0		04/22/05 11:08	SLS		
Lead, Fine	35.5	mg/kg	1.0		04/22/05 10:46	SLS		
Organics - Volatiles								
Volatile Organics OBG								
Acetone	Not detected	ug/kg	800	5035/8260B	04/23/05 21:02	JGH	67-64-1	
Benzene	Not detected	ug/kg	60	5035/8260B	04/23/05 21:02	JGH	71-43-2	
Bromodichloromethane	Not detected	ug/kg	60	5035/8260B	04/23/05 21:02	JGH	75-27-4	
Bromoform	Not detected	ug/kg	60	5035/8260B	04/23/05 21:02	JGH	75-25-2	
Bromomethane	Not detected	ug/kg	300	5035/8260B	04/23/05 21:02	JGH	74-83-9	
2-Butanone (MEK)	Not detected	ug/kg	800	5035/8260B	04/23/05 21:02	JGH	78-93-3	
n-Butylbenzene	Not detected	ug/kg	60	5035/8260B	04/23/05 21:02	JGH	104-51-8	
sec-Butylbenzene	Not detected	ug/kg	60	5035/8260B	04/23/05 21:02	JGH	135-98-8	
tert-Butylbenzene	Not detected	ug/kg	60	5035/8260B	04/23/05 21:02	JGH	98-06-6	
Carbon disulfide	Not detected	ug/kg	300	5035/8260B	04/23/05 21:02	JGH	75-15-0	
Carbon tetrachloride	Not detected	ug/kg	60	5035/8260B	04/23/05 21:02	JGH	56-23-5	
Chlorobenzene	Not detected	ug/kg	60	5035/8260B	04/23/05 21:02	JGH	108-90-7	
Chloroethane	Not detected	ug/kg	300	5035/8260B	04/23/05 21:02	JGH	75-00-3	
2-Chloroethylvinyl ether	Not detected	ug/kg	600	5035/8260B	04/23/05 21:02	JGH	110-75-8	
Chloroform	Not detected	ug/kg	60	5035/8260B	04/23/05 21:02	JGH	67-66-3	
Chloromethane	Not detected	ug/kg	300	5035/8260B	04/23/05 21:02	JGH	74-87-3	
Dibromochloromethane	Not detected	ug/kg	60	5035/8260B	04/23/05 21:02	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/kg	60	5035/8260B	04/23/05 21:02	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/kg	60	5035/8260B	04/23/05 21:02	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/kg	60	5035/8260B	04/23/05 21:02	JGH	106-46-7	
1,1-Dichloroethene	Not detected	ug/kg	60	5035/8260B	04/23/05 21:02	JGH	75-35-4	
1,2-Dichloroethane	Not detected	ug/kg	60	5035/8260B	04/23/05 21:02	JGH	107-06-2	
1,1-Dichloroethane	Not detected	ug/kg	60	5035/8260B	04/23/05 21:02	JGH	75-34-3	
cis-1,2-Dichloroethene	Not detected	ug/kg	60	5035/8260B	04/23/05 21:02	JGH	156-59-2	
trans-1,2-Dichloroethene	Not detected	ug/kg	60	5035/8260B	04/23/05 21:02	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/kg	60	5035/8260B	04/23/05 21:02	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/kg	60	5035/8260B	04/23/05 21:02	JGH	10061-01-5	
trans-1,3-Dichloropropene	Not detected	ug/kg	60	5035/8260B	04/23/05 21:02	JGH	10061-02-6	

Lab Sample ID: S21786.06 (continued)
Sample Tag: SO-041205-006

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics OBG (continued)								
Ethylbenzene	Not detected	ug/kg	60	5035/8260B	04/23/05 21:02	JGH	100-41-4	
2-Hexanone	Not detected	ug/kg	3,000	5035/8260B	04/23/05 21:02	JGH	591-78-6	
Isopropylbenzene	Not detected	ug/kg	60	5035/8260B	04/23/05 21:02	JGH	98-82-8	
p-Isopropyltoluene	Not detected	ug/kg	100	5035/8260B	04/23/05 21:02	JGH	99-87-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/kg	3,000	5035/8260B	04/23/05 21:02	JGH	108-10-1	
Methylene chloride	Not detected	ug/kg	300	5035/8260B	04/23/05 21:02	JGH	75-09-2	
tert-Methyl butyl ether (MTBE)	Not detected	ug/kg	300	5035/8260B	04/23/05 21:02	JGH	1634-04-4	
Naphthalene	Not detected	ug/kg	400	5035/8260B	04/23/05 21:02	JGH	91-20-3	
n-Propylbenzene	Not detected	ug/kg	100	5035/8260B	04/23/05 21:02	JGH	103-65-1	
Styrene	Not detected	ug/kg	60	5035/8260B	04/23/05 21:02	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/kg	60	5035/8260B	04/23/05 21:02	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/kg	60	5035/8260B	04/23/05 21:02	JGH	127-18-4	
Toluene	Not detected	ug/kg	60	5035/8260B	04/23/05 21:02	JGH	108-88-3	
1,1,1-Trichloroethane	Not detected	ug/kg	60	5035/8260B	04/23/05 21:02	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/kg	60	5035/8260B	04/23/05 21:02	JGH	79-00-5	
Trichloroethene	Not detected	ug/kg	60	5035/8260B	04/23/05 21:02	JGH	79-01-6	
Trichlorofluoromethane	Not detected	ug/kg	100	5035/8260B	04/23/05 21:02	JGH	75-69-4	
1,2,4-Trimethylbenzene	Not detected	ug/kg	100	5035/8260B	04/23/05 21:02	JGH	95-63-6	
1,3,5-Trimethylbenzene	Not detected	ug/kg	100	5035/8260B	04/23/05 21:02	JGH	108-67-8	
Vinyl chloride	Not detected	ug/kg	100	5035/8260B	04/23/05 21:02	JGH	75-01-4	
o-Xylene	Not detected	ug/kg	60	5035/8260B	04/23/05 21:02	JGH	95-47-6	
p,m-Xylene	Not detected	ug/kg	60	5035/8260B	04/23/05 21:02	JGH		

Analytical Laboratory Report

Lab Sample ID: S21786.07
Sample Tag: SO-041205-007
Collected Date/Time: 04/12/2005 :
Matrix: Soil
COC Reference: 04104

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	40 ml Glass	MeOH	Yes	4	3
1	4oz. Glass	None	Yes	4	3

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Lead, Fine and Coarse Digestion	Completed				04/18/05 16:00	PER		
Lead, Fine and Coarse Prep	Completed			3050B	04/15/05 10:00	JRT		
Metal Digestion	Completed			3050B	04/21/05 12:00	PER		
Metals								
% Coarse by Weight	92.4	%			04/15/05 10:00	JRT		
% Fine by Weight	7.6	%			04/15/05 10:00	JRT		
Total Solids	87	%	1	160.3	04/15/05 10:30	JRT		
Barium	40.2	mg/kg	1.0	6020	04/22/05 12:20	SLS	7440-39-3	
Lead, Coarse	4.96	mg/kg	1.0		04/22/05 11:10	SLS		
Lead, Fine	40.0	mg/kg	1.0		04/22/05 10:47	SLS		
Organics - Volatiles								
Volatile Organics OBG								
Acetone	Not detected	ug/kg	800	5035/8260B	04/23/05 21:35	JGH	67-64-1	
Benzene	Not detected	ug/kg	50	5035/8260B	04/23/05 21:35	JGH	71-43-2	
Bromodichloromethane	Not detected	ug/kg	50	5035/8260B	04/23/05 21:35	JGH	75-27-4	
Bromoform	Not detected	ug/kg	50	5035/8260B	04/23/05 21:35	JGH	75-25-2	
Bromomethane	Not detected	ug/kg	300	5035/8260B	04/23/05 21:35	JGH	74-83-9	
2-Butanone (MEK)	Not detected	ug/kg	800	5035/8260B	04/23/05 21:35	JGH	78-93-3	
n-Butylbenzene	Not detected	ug/kg	50	5035/8260B	04/23/05 21:35	JGH	104-51-8	
sec-Butylbenzene	Not detected	ug/kg	50	5035/8260B	04/23/05 21:35	JGH	135-98-8	
tert-Butylbenzene	Not detected	ug/kg	50	5035/8260B	04/23/05 21:35	JGH	98-06-6	
Carbon disulfide	Not detected	ug/kg	300	5035/8260B	04/23/05 21:35	JGH	75-15-0	
Carbon tetrachloride	Not detected	ug/kg	50	5035/8260B	04/23/05 21:35	JGH	56-23-5	
Chlorobenzene	Not detected	ug/kg	50	5035/8260B	04/23/05 21:35	JGH	108-90-7	
Chloroethane	Not detected	ug/kg	300	5035/8260B	04/23/05 21:35	JGH	75-00-3	
2-Chloroethylvinyl ether	Not detected	ug/kg	500	5035/8260B	04/23/05 21:35	JGH	110-75-8	
Chloroform	Not detected	ug/kg	50	5035/8260B	04/23/05 21:35	JGH	67-66-3	
Chloromethane	Not detected	ug/kg	300	5035/8260B	04/23/05 21:35	JGH	74-87-3	
Dibromochloromethane	Not detected	ug/kg	50	5035/8260B	04/23/05 21:35	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/kg	50	5035/8260B	04/23/05 21:35	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/kg	50	5035/8260B	04/23/05 21:35	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/kg	50	5035/8260B	04/23/05 21:35	JGH	106-46-7	
1,1-Dichloroethene	Not detected	ug/kg	50	5035/8260B	04/23/05 21:35	JGH	75-35-4	
1,2-Dichloroethane	Not detected	ug/kg	50	5035/8260B	04/23/05 21:35	JGH	107-06-2	
1,1-Dichloroethane	Not detected	ug/kg	50	5035/8260B	04/23/05 21:35	JGH	75-34-3	
cis-1,2-Dichloroethene	Not detected	ug/kg	50	5035/8260B	04/23/05 21:35	JGH	156-59-2	
trans-1,2-Dichloroethene	Not detected	ug/kg	50	5035/8260B	04/23/05 21:35	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/kg	50	5035/8260B	04/23/05 21:35	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/kg	50	5035/8260B	04/23/05 21:35	JGH	10061-01-5	
trans-1,3-Dichloropropene	Not detected	ug/kg	50	5035/8260B	04/23/05 21:35	JGH	10061-02-6	

Lab Sample ID: S21786.07 (continued)

Sample Tag: SO-041205-007

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics OBG (continued)								
Ethylbenzene	Not detected	ug/kg	50	5035/8260B	04/23/05 21:35	JGH	100-41-4	
2-Hexanone	Not detected	ug/kg	3,000	5035/8260B	04/23/05 21:35	JGH	591-78-6	
Isopropylbenzene	Not detected	ug/kg	50	5035/8260B	04/23/05 21:35	JGH	98-82-8	
p-Isopropyltoluene	Not detected	ug/kg	100	5035/8260B	04/23/05 21:35	JGH	99-87-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/kg	3,000	5035/8260B	04/23/05 21:35	JGH	108-10-1	
Methylene chloride	Not detected	ug/kg	300	5035/8260B	04/23/05 21:35	JGH	75-09-2	
tert-Methyl butyl ether (MTBE)	Not detected	ug/kg	300	5035/8260B	04/23/05 21:35	JGH	1634-04-4	
Naphthalene	Not detected	ug/kg	300	5035/8260B	04/23/05 21:35	JGH	91-20-3	
n-Propylbenzene	Not detected	ug/kg	100	5035/8260B	04/23/05 21:35	JGH	103-65-1	
Styrene	Not detected	ug/kg	50	5035/8260B	04/23/05 21:35	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/kg	50	5035/8260B	04/23/05 21:35	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/kg	50	5035/8260B	04/23/05 21:35	JGH	127-18-4	
Toluene	40	ug/kg	50	5035/8260B	04/23/05 21:35	JGH	108-88-3	J
1,1,1-Trichloroethane	Not detected	ug/kg	50	5035/8260B	04/23/05 21:35	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/kg	50	5035/8260B	04/23/05 21:35	JGH	79-00-5	
Trichloroethene	Not detected	ug/kg	50	5035/8260B	04/23/05 21:35	JGH	79-01-6	
Trichlorofluoromethane	Not detected	ug/kg	100	5035/8260B	04/23/05 21:35	JGH	75-69-4	
1,2,4-Trimethylbenzene	Not detected	ug/kg	100	5035/8260B	04/23/05 21:35	JGH	95-63-6	
1,3,5-Trimethylbenzene	Not detected	ug/kg	100	5035/8260B	04/23/05 21:35	JGH	108-67-8	
Vinyl chloride	Not detected	ug/kg	100	5035/8260B	04/23/05 21:35	JGH	75-01-4	
o-Xylene	Not detected	ug/kg	50	5035/8260B	04/23/05 21:35	JGH	95-47-6	
p,m-Xylene	Not detected	ug/kg	50	5035/8260B	04/23/05 21:35	JGH		

J-Estimated value less than reporting limit, but greater than MDL

Lab Sample ID: S21786.08
Sample Tag: SO-041205-008
Collected Date/Time: 04/12/2005 16:30
Matrix: Soil
COC Reference: 04104

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	40 ml Glass	MeOH	Yes	4	3
1	4oz. Glass	None	Yes	4	3

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Lead, Fine and Coarse Digestion	Completed				04/18/05 16:00	PER		
Lead, Fine and Coarse Prep	Completed			3050B	04/15/05 10:00	JRT		
Metal Digestion	Completed			3050B	04/21/05 12:00	PER		
Metals								
% Coarse by Weight	70.3	%			04/15/05 10:00	JRT		
% Fine by Weight	29.7	%			04/15/05 10:00	JRT		
Total Solids	93	%	1	160.3	04/15/05 10:30	JRT		
Barium	39.5	mg/kg	1.0	6020	04/22/05 12:22	SLS	7440-39-3	
Lead, Coarse	26.7	mg/kg	1.0		04/22/05 11:11	SLS		
Lead, Fine	44.2	mg/kg	1.0		04/22/05 10:49	SLS		
Organics - Volatiles								
Volatile Organics OBG								
Acetone	Not detected	ug/kg	900	5035/8260B	04/23/05 22:08	JGH	67-64-1	
Benzene	Not detected	ug/kg	60	5035/8260B	04/23/05 22:08	JGH	71-43-2	
Bromodichloromethane	Not detected	ug/kg	60	5035/8260B	04/23/05 22:08	JGH	75-27-4	
Bromoform	Not detected	ug/kg	60	5035/8260B	04/23/05 22:08	JGH	75-25-2	
Bromomethane	Not detected	ug/kg	300	5035/8260B	04/23/05 22:08	JGH	74-83-9	
2-Butanone (MEK)	Not detected	ug/kg	900	5035/8260B	04/23/05 22:08	JGH	78-93-3	
n-Butylbenzene	Not detected	ug/kg	60	5035/8260B	04/23/05 22:08	JGH	104-51-8	
sec-Butylbenzene	Not detected	ug/kg	60	5035/8260B	04/23/05 22:08	JGH	135-98-8	
tert-Butylbenzene	Not detected	ug/kg	60	5035/8260B	04/23/05 22:08	JGH	98-06-6	
Carbon disulfide	Not detected	ug/kg	300	5035/8260B	04/23/05 22:08	JGH	75-15-0	
Carbon tetrachloride	Not detected	ug/kg	60	5035/8260B	04/23/05 22:08	JGH	56-23-5	
Chlorobenzene	Not detected	ug/kg	60	5035/8260B	04/23/05 22:08	JGH	108-90-7	
Chloroethane	Not detected	ug/kg	300	5035/8260B	04/23/05 22:08	JGH	75-00-3	
2-Chloroethylvinyl ether	Not detected	ug/kg	600	5035/8260B	04/23/05 22:08	JGH	110-75-8	
Chloroform	Not detected	ug/kg	60	5035/8260B	04/23/05 22:08	JGH	67-66-3	
Chloromethane	Not detected	ug/kg	300	5035/8260B	04/23/05 22:08	JGH	74-87-3	
Dibromochloromethane	Not detected	ug/kg	60	5035/8260B	04/23/05 22:08	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/kg	60	5035/8260B	04/23/05 22:08	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/kg	60	5035/8260B	04/23/05 22:08	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/kg	60	5035/8260B	04/23/05 22:08	JGH	106-46-7	
1,1-Dichloroethene	Not detected	ug/kg	60	5035/8260B	04/23/05 22:08	JGH	75-35-4	
1,2-Dichloroethane	Not detected	ug/kg	60	5035/8260B	04/23/05 22:08	JGH	107-06-2	
1,1-Dichloroethane	Not detected	ug/kg	60	5035/8260B	04/23/05 22:08	JGH	75-34-3	
cis-1,2-Dichloroethene	Not detected	ug/kg	60	5035/8260B	04/23/05 22:08	JGH	156-59-2	
trans-1,2-Dichloroethene	Not detected	ug/kg	60	5035/8260B	04/23/05 22:08	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/kg	60	5035/8260B	04/23/05 22:08	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/kg	60	5035/8260B	04/23/05 22:08	JGH	10061-01-5	
trans-1,3-Dichloropropene	Not detected	ug/kg	60	5035/8260B	04/23/05 22:08	JGH	10061-02-6	

Lab Sample ID: S21786.08 (continued)

Sample Tag: SO-041205-008

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics OBG (continued)								
Ethylbenzene	Not detected	ug/kg	60	5035/8260B	04/23/05 22:08	JGH	100-41-4	
2-Hexanone	Not detected	ug/kg	3,000	5035/8260B	04/23/05 22:08	JGH	591-78-6	
Isopropylbenzene	Not detected	ug/kg	60	5035/8260B	04/23/05 22:08	JGH	98-82-8	
p-Isopropyltoluene	Not detected	ug/kg	100	5035/8260B	04/23/05 22:08	JGH	99-87-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/kg	3,000	5035/8260B	04/23/05 22:08	JGH	108-10-1	
Methylene chloride	Not detected	ug/kg	300	5035/8260B	04/23/05 22:08	JGH	75-09-2	
tert-Methyl butyl ether (MTBE)	Not detected	ug/kg	300	5035/8260B	04/23/05 22:08	JGH	1634-04-4	
Naphthalene	Not detected	ug/kg	400	5035/8260B	04/23/05 22:08	JGH	91-20-3	
n-Propylbenzene	Not detected	ug/kg	100	5035/8260B	04/23/05 22:08	JGH	103-65-1	
Styrene	Not detected	ug/kg	60	5035/8260B	04/23/05 22:08	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/kg	60	5035/8260B	04/23/05 22:08	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/kg	60	5035/8260B	04/23/05 22:08	JGH	127-18-4	
Toluene	70	ug/kg	60	5035/8260B	04/23/05 22:08	JGH	108-88-3	
1,1,1-Trichloroethane	Not detected	ug/kg	60	5035/8260B	04/23/05 22:08	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/kg	60	5035/8260B	04/23/05 22:08	JGH	79-00-5	
Trichloroethene	Not detected	ug/kg	60	5035/8260B	04/23/05 22:08	JGH	79-01-6	
Trichlorofluoromethane	Not detected	ug/kg	100	5035/8260B	04/23/05 22:08	JGH	75-69-4	
1,2,4-Trimethylbenzene	Not detected	ug/kg	100	5035/8260B	04/23/05 22:08	JGH	95-63-6	
1,3,5-Trimethylbenzene	Not detected	ug/kg	100	5035/8260B	04/23/05 22:08	JGH	108-67-8	
Vinyl chloride	Not detected	ug/kg	100	5035/8260B	04/23/05 22:08	JGH	75-01-4	
o-Xylene	Not detected	ug/kg	60	5035/8260B	04/23/05 22:08	JGH	95-47-6	
p,m-Xylene	Not detected	ug/kg	60	5035/8260B	04/23/05 22:08	JGH		

Lab Sample ID: S21786.09
Sample Tag: SO-041205-009 MS
Collected Date/Time: 04/12/2005 16:30
Matrix: Soil
COC Reference: 04104

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	40 ml Glass	MeOH	Yes	4	3
1	4oz. Glass	None	Yes	4	3

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Lead, Fine and Coarse Digestion	Completed				04/18/05 12:00	PER		
Lead, Fine and Coarse Prep	Completed			3050B	04/15/05 10:00	JRT		
Metal Digestion	Completed			3050B	04/21/05 12:00	PER		
Metals								
% Coarse by Weight	70.3	%			04/15/05 10:00	JRT		
% Fine by Weight	29.7	%			04/15/05 10:00	JRT		
Total Solids	93	%	1	160.3	04/15/05 10:30	JRT		
Barium	67.9	mg/kg	1.0	6020	04/22/05 12:35	SLS	7440-39-3	
Lead, Coarse	57.4	mg/kg	1.0		04/22/05 11:13	SLS		
Lead, Fine	83.6	mg/kg	1.0		04/22/05 10:51	SLS		
Organics - Volatiles								
Volatile Organics OBG								
Acetone	Not detected	ug/kg	800	5035/8260B	04/23/05 22:41	JGH	67-64-1	
Benzene	Not detected	ug/kg	50	5035/8260B	04/23/05 22:41	JGH	71-43-2	
Bromodichloromethane	Not detected	ug/kg	50	5035/8260B	04/23/05 22:41	JGH	75-27-4	
Bromoform	Not detected	ug/kg	50	5035/8260B	04/23/05 22:41	JGH	75-25-2	
Bromomethane	Not detected	ug/kg	300	5035/8260B	04/23/05 22:41	JGH	74-83-9	
2-Butanone (MEK)	Not detected	ug/kg	800	5035/8260B	04/23/05 22:41	JGH	78-93-3	
n-Butylbenzene	Not detected	ug/kg	50	5035/8260B	04/23/05 22:41	JGH	104-51-8	
sec-Butylbenzene	Not detected	ug/kg	50	5035/8260B	04/23/05 22:41	JGH	135-98-8	
tert-Butylbenzene	Not detected	ug/kg	50	5035/8260B	04/23/05 22:41	JGH	98-06-6	
Carbon disulfide	Not detected	ug/kg	300	5035/8260B	04/23/05 22:41	JGH	75-15-0	
Carbon tetrachloride	Not detected	ug/kg	50	5035/8260B	04/23/05 22:41	JGH	56-23-5	
Chlorobenzene	Not detected	ug/kg	50	5035/8260B	04/23/05 22:41	JGH	108-90-7	
Chloroethane	Not detected	ug/kg	300	5035/8260B	04/23/05 22:41	JGH	75-00-3	
2-Chloroethylvinyl ether	Not detected	ug/kg	500	5035/8260B	04/23/05 22:41	JGH	110-75-8	
Chloroform	Not detected	ug/kg	50	5035/8260B	04/23/05 22:41	JGH	67-66-3	
Chloromethane	Not detected	ug/kg	300	5035/8260B	04/23/05 22:41	JGH	74-87-3	
Dibromochloromethane	Not detected	ug/kg	50	5035/8260B	04/23/05 22:41	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/kg	50	5035/8260B	04/23/05 22:41	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/kg	50	5035/8260B	04/23/05 22:41	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/kg	50	5035/8260B	04/23/05 22:41	JGH	106-46-7	
1,1-Dichloroethene	Not detected	ug/kg	50	5035/8260B	04/23/05 22:41	JGH	75-35-4	
1,2-Dichloroethane	Not detected	ug/kg	50	5035/8260B	04/23/05 22:41	JGH	107-06-2	
1,1-Dichloroethane	Not detected	ug/kg	50	5035/8260B	04/23/05 22:41	JGH	75-34-3	
cis-1,2-Dichloroethene	Not detected	ug/kg	50	5035/8260B	04/23/05 22:41	JGH	156-59-2	
trans-1,2-Dichloroethene	Not detected	ug/kg	50	5035/8260B	04/23/05 22:41	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/kg	50	5035/8260B	04/23/05 22:41	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/kg	50	5035/8260B	04/23/05 22:41	JGH	10061-01-5	
trans-1,3-Dichloropropene	Not detected	ug/kg	50	5035/8260B	04/23/05 22:41	JGH	10061-02-6	

Lab Sample ID: S21786.09 (continued)
Sample Tag: SO-041205-009 MS

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics OBG (continued)								
Ethylbenzene	Not detected	ug/kg	50	5035/8260B	04/23/05 22:41	JGH	100-41-4	
2-Hexanone	Not detected	ug/kg	3,000	5035/8260B	04/23/05 22:41	JGH	591-78-6	
Isopropylbenzene	Not detected	ug/kg	50	5035/8260B	04/23/05 22:41	JGH	98-82-8	
p-Isopropyltoluene	Not detected	ug/kg	100	5035/8260B	04/23/05 22:41	JGH	99-87-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/kg	3,000	5035/8260B	04/23/05 22:41	JGH	108-10-1	
Methylene chloride	Not detected	ug/kg	300	5035/8260B	04/23/05 22:41	JGH	75-09-2	
tert-Methyl butyl ether (MTBE)	Not detected	ug/kg	300	5035/8260B	04/23/05 22:41	JGH	1634-04-4	
Naphthalene	Not detected	ug/kg	400	5035/8260B	04/23/05 22:41	JGH	91-20-3	
n-Propylbenzene	Not detected	ug/kg	100	5035/8260B	04/23/05 22:41	JGH	103-65-1	
Styrene	Not detected	ug/kg	50	5035/8260B	04/23/05 22:41	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/kg	50	5035/8260B	04/23/05 22:41	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/kg	50	5035/8260B	04/23/05 22:41	JGH	127-18-4	
Toluene	40	ug/kg	50	5035/8260B	04/23/05 22:41	JGH	108-88-3	J
1,1,1-Trichloroethane	Not detected	ug/kg	50	5035/8260B	04/23/05 22:41	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/kg	50	5035/8260B	04/23/05 22:41	JGH	79-00-5	
Trichloroethene	Not detected	ug/kg	50	5035/8260B	04/23/05 22:41	JGH	79-01-6	
Trichlorofluoromethane	Not detected	ug/kg	100	5035/8260B	04/23/05 22:41	JGH	75-69-4	
1,2,4-Trimethylbenzene	Not detected	ug/kg	100	5035/8260B	04/23/05 22:41	JGH	95-63-6	
1,3,5-Trimethylbenzene	Not detected	ug/kg	100	5035/8260B	04/23/05 22:41	JGH	108-67-8	
Vinyl chloride	Not detected	ug/kg	100	5035/8260B	04/23/05 22:41	JGH	75-01-4	
o-Xylene	Not detected	ug/kg	50	5035/8260B	04/23/05 22:41	JGH	95-47-6	
p,m-Xylene	Not detected	ug/kg	50	5035/8260B	04/23/05 22:41	JGH		

J-Estimated value less than reporting limit, but greater than MDL

Lab Sample ID: S21786.10
Sample Tag: SO-041205-010 MSD
Collected Date/Time: 04/12/2005 16:30
Matrix: Soil
COC Reference: 04104

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	40 ml Glass	MeOH	Yes	4	3
1	4oz. Glass	None	Yes	4	3

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Lead, Fine and Coarse Digestion	Completed				04/18/05 12:00	PER		
Lead, Fine and Coarse Prep	Completed			3050B	04/15/05 10:00	JRT		
Metal Digestion	Completed			3050B	04/21/05 12:00	PER		
Metals								
% Coarse by Weight	70.3	%			04/15/05 10:00	JRT		
% Fine by Weight	29.7	%			04/15/05 10:00	JRT		
Total Solids	93	%	1	160.3	04/15/05 10:30	JRT		
Barium	66.1	mg/kg	1.0	6020	04/22/05 12:37	SLS	7440-39-3	
Lead, Coarse	64.2	mg/kg	1.0		04/22/05 11:15	SLS		
Lead, Fine	84.9	mg/kg	1.0		04/22/05 10:53	SLS		
Organics - Volatiles								
Volatile Organics OBG								
Acetone	Not detected	ug/kg	900	5035/8260B	04/23/05 23:14	JGH	67-64-1	
Benzene	Not detected	ug/kg	60	5035/8260B	04/23/05 23:14	JGH	71-43-2	
Bromodichloromethane	Not detected	ug/kg	60	5035/8260B	04/23/05 23:14	JGH	75-27-4	
Bromoform	Not detected	ug/kg	60	5035/8260B	04/23/05 23:14	JGH	75-25-2	
Bromomethane	Not detected	ug/kg	300	5035/8260B	04/23/05 23:14	JGH	74-83-9	
2-Butanone (MEK)	Not detected	ug/kg	900	5035/8260B	04/23/05 23:14	JGH	78-93-3	
n-Butylbenzene	Not detected	ug/kg	60	5035/8260B	04/23/05 23:14	JGH	104-51-8	
sec-Butylbenzene	Not detected	ug/kg	60	5035/8260B	04/23/05 23:14	JGH	135-98-8	
tert-Butylbenzene	Not detected	ug/kg	60	5035/8260B	04/23/05 23:14	JGH	98-06-6	
Carbon disulfide	Not detected	ug/kg	300	5035/8260B	04/23/05 23:14	JGH	75-15-0	
Carbon tetrachloride	Not detected	ug/kg	60	5035/8260B	04/23/05 23:14	JGH	56-23-5	
Chlorobenzene	Not detected	ug/kg	60	5035/8260B	04/23/05 23:14	JGH	108-90-7	
Chloroethane	Not detected	ug/kg	300	5035/8260B	04/23/05 23:14	JGH	75-00-3	
2-Chloroethylvinyl ether	Not detected	ug/kg	600	5035/8260B	04/23/05 23:14	JGH	110-75-8	
Chloroform	Not detected	ug/kg	60	5035/8260B	04/23/05 23:14	JGH	67-66-3	
Chloromethane	Not detected	ug/kg	300	5035/8260B	04/23/05 23:14	JGH	74-87-3	
Dibromochloromethane	Not detected	ug/kg	60	5035/8260B	04/23/05 23:14	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/kg	60	5035/8260B	04/23/05 23:14	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/kg	60	5035/8260B	04/23/05 23:14	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/kg	60	5035/8260B	04/23/05 23:14	JGH	106-46-7	
1,1-Dichloroethene	Not detected	ug/kg	60	5035/8260B	04/23/05 23:14	JGH	75-35-4	
1,2-Dichloroethane	Not detected	ug/kg	60	5035/8260B	04/23/05 23:14	JGH	107-06-2	
1,1-Dichloroethane	Not detected	ug/kg	60	5035/8260B	04/23/05 23:14	JGH	75-34-3	
cis-1,2-Dichloroethene	Not detected	ug/kg	60	5035/8260B	04/23/05 23:14	JGH	156-59-2	
trans-1,2-Dichloroethene	Not detected	ug/kg	60	5035/8260B	04/23/05 23:14	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/kg	60	5035/8260B	04/23/05 23:14	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/kg	60	5035/8260B	04/23/05 23:14	JGH	10061-01-5	
trans-1,3-Dichloropropene	Not detected	ug/kg	60	5035/8260B	04/23/05 23:14	JGH	10061-02-6	

Lab Sample ID: S21786.10 (continued)
Sample Tag: SO-041205-010 MSD

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics OBG (continued)								
Ethylbenzene	Not detected	ug/kg	60	5035/8260B	04/23/05 23:14	JGH	100-41-4	
2-Hexanone	Not detected	ug/kg	3,000	5035/8260B	04/23/05 23:14	JGH	591-78-6	
Isopropylbenzene	Not detected	ug/kg	60	5035/8260B	04/23/05 23:14	JGH	98-82-8	
p-Isopropyltoluene	Not detected	ug/kg	100	5035/8260B	04/23/05 23:14	JGH	99-87-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/kg	3,000	5035/8260B	04/23/05 23:14	JGH	108-10-1	
Methylene chloride	Not detected	ug/kg	300	5035/8260B	04/23/05 23:14	JGH	75-09-2	
tert-Methyl butyl ether (MTBE)	Not detected	ug/kg	300	5035/8260B	04/23/05 23:14	JGH	1634-04-4	
Naphthalene	Not detected	ug/kg	400	5035/8260B	04/23/05 23:14	JGH	91-20-3	
n-Propylbenzene	Not detected	ug/kg	100	5035/8260B	04/23/05 23:14	JGH	103-65-1	
Styrene	Not detected	ug/kg	60	5035/8260B	04/23/05 23:14	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/kg	60	5035/8260B	04/23/05 23:14	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/kg	60	5035/8260B	04/23/05 23:14	JGH	127-18-4	
Toluene	Not detected	ug/kg	60	5035/8260B	04/23/05 23:14	JGH	108-88-3	
1,1,1-Trichloroethane	Not detected	ug/kg	60	5035/8260B	04/23/05 23:14	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/kg	60	5035/8260B	04/23/05 23:14	JGH	79-00-5	
Trichloroethene	Not detected	ug/kg	60	5035/8260B	04/23/05 23:14	JGH	79-01-6	
Trichlorofluoromethane	Not detected	ug/kg	100	5035/8260B	04/23/05 23:14	JGH	75-69-4	
1,2,4-Trimethylbenzene	Not detected	ug/kg	100	5035/8260B	04/23/05 23:14	JGH	95-63-6	
1,3,5-Trimethylbenzene	Not detected	ug/kg	100	5035/8260B	04/23/05 23:14	JGH	108-67-8	
Vinyl chloride	Not detected	ug/kg	100	5035/8260B	04/23/05 23:14	JGH	75-01-4	
o-Xylene	Not detected	ug/kg	60	5035/8260B	04/23/05 23:14	JGH	95-47-6	
p,m-Xylene	Not detected	ug/kg	60	5035/8260B	04/23/05 23:14	JGH		

Merit Laboratories, Inc.

Analytical Laboratory Report

Lab Sample ID: S21786.11
Sample Tag: EB-041205
Collected Date/Time: 04/12/2005 17:00
Matrix: Water Quality
COC Reference: 04104

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	40 ml Glass	HCL	Yes	4	3
1	125ml Plastic	HNO3	Yes	4	3

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Metal Digestion	Completed			3015A	04/21/05 10:00	PER		
Metals								
Barium	0.002	mg/L	0.01	200.8	04/22/05 12:44	SLS	7440-39-3	b
Lead	Not detected	mg/L	0.003	200.8	04/22/05 11:25	SLS	7439-92-1	
Organics - Volatiles								
Volatile Organics OBG Water								
Acetone	4	ug/L	30	8260B	04/24/05 05:18	JGH	67-64-1	J
Benzene	Not detected	ug/L	1	8260B	04/24/05 05:18	JGH	71-43-2	
Bromodichloromethane	Not detected	ug/L	1	8260B	04/24/05 05:18	JGH	75-27-4	
Bromoform	Not detected	ug/L	1	8260B	04/24/05 05:18	JGH	75-25-2	
Bromomethane	Not detected	ug/L	2	8260B	04/24/05 05:18	JGH	74-83-9	
2-Butanone (MEK)	Not detected	ug/L	30	8260B	04/24/05 05:18	JGH	78-93-3	
n-Butylbenzene	Not detected	ug/L	1	8260B	04/24/05 05:18	JGH	104-51-8	
sec-Butylbenzene	Not detected	ug/L	1	8260B	04/24/05 05:18	JGH	135-98-8	
tert-Butylbenzene	Not detected	ug/L	1	8260B	04/24/05 05:18	JGH	98-06-6	
Carbon disulfide	Not detected	ug/L	5	8260B	04/24/05 05:18	JGH	75-15-0	
Carbon tetrachloride	Not detected	ug/L	1	8260B	04/24/05 05:18	JGH	56-23-5	
Chlorobenzene	Not detected	ug/L	1	8260B	04/24/05 05:18	JGH	108-90-7	
Chloroethane	Not detected	ug/L	1	8260B	04/24/05 05:18	JGH	75-00-3	
2-Chloroethylvinyl ether	Not detected	ug/L	10	8260B	04/24/05 05:18	JGH	110-75-8	
Chloroform	0.8	ug/L	1	8260B	04/24/05 05:18	JGH	67-66-3	J
Chloromethane	2	ug/L	1	8260B	04/24/05 05:18	JGH	74-87-3	
Dibromochloromethane	Not detected	ug/L	1	8260B	04/24/05 05:18	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/L	1	8260B	04/24/05 05:18	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/L	1	8260B	04/24/05 05:18	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/L	1	8260B	04/24/05 05:18	JGH	106-46-7	
1,1-Dichloroethene	Not detected	ug/L	1	8260B	04/24/05 05:18	JGH	75-35-4	
1,2-Dichloroethane	Not detected	ug/L	1	8260B	04/24/05 05:18	JGH	107-06-2	
1,1-Dichloroethane	Not detected	ug/L	1	8260B	04/24/05 05:18	JGH	75-34-3	
cis-1,2-Dichloroethene	Not detected	ug/L	1	8260B	04/24/05 05:18	JGH	156-59-2	
trans-1,2-Dichloroethene	Not detected	ug/L	1	8260B	04/24/05 05:18	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/L	1	8260B	04/24/05 05:18	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/L	1	8260B	04/24/05 05:18	JGH	10061-01-5	
trans-1,3-Dichloropropene	Not detected	ug/L	1	8260B	04/24/05 05:18	JGH	10061-02-6	
Ethylbenzene	Not detected	ug/L	1	8260B	04/24/05 05:18	JGH	100-41-4	
2-Hexanone	Not detected	ug/L	50	8260B	04/24/05 05:18	JGH	591-78-6	
Isopropylbenzene	Not detected	ug/L	1	8260B	04/24/05 05:18	JGH	98-82-8	
p-Isopropyltoluene	Not detected	ug/L	5	8260B	04/24/05 05:18	JGH	99-87-6	

b-Value detected less than reporting limit, but greater than MDL
J-Estimated value less than reporting limit, but greater than MDL

Lab Sample ID: S21786.11 (continued)
Sample Tag: EB-041205

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics OBG Water (continued)								
4-Methyl-2-pentanone (MIBK)	Not detected	ug/L	1	8260B	04/24/05 05:18	JGH	108-10-1	
Methylene chloride	Not detected	ug/L	5	8260B	04/24/05 05:18	JGH	75-09-2	
tert-Methyl butyl ether (MTBE)	Not detected	ug/L	5	8260B	04/24/05 05:18	JGH	1634-04-4	
Naphthalene	Not detected	ug/L	5	8260B	04/24/05 05:18	JGH	91-20-3	
n-Propylbenzene	Not detected	ug/L	5	8260B	04/24/05 05:18	JGH	103-65-1	
Styrene	Not detected	ug/L	1	8260B	04/24/05 05:18	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/L	1	8260B	04/24/05 05:18	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/L	1	8260B	04/24/05 05:18	JGH	127-18-4	
Toluene	Not detected	ug/L	1	8260B	04/24/05 05:18	JGH	108-88-3	
1,1,1-Trichloroethane	Not detected	ug/L	1	8260B	04/24/05 05:18	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/L	1	8260B	04/24/05 05:18	JGH	79-00-5	
Trichloroethene	Not detected	ug/L	1	8260B	04/24/05 05:18	JGH	79-01-6	
Trichlorofluoromethane	Not detected	ug/L	1	8260B	04/24/05 05:18	JGH	75-69-4	
1,2,4-Trimethylbenzene	Not detected	ug/L	1	8260B	04/24/05 05:18	JGH	95-63-6	
1,3,5-Trimethylbenzene	Not detected	ug/L	1	8260B	04/24/05 05:18	JGH	108-67-8	
Vinyl chloride	Not detected	ug/L	1	8260B	04/24/05 05:18	JGH	75-01-4	
o-Xylene	Not detected	ug/L	1	8260B	04/24/05 05:18	JGH	95-47-6	
p,m-Xylene	Not detected	ug/L	1	8260B	04/24/05 05:18	JGH		

Analytical Laboratory Report

Lab Sample ID: S21786.12
Sample Tag: FB-041205
Collected Date/Time: 04/12/2005 17:15
Matrix: Water Quality
COC Reference: 04104

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	40 ml Glass	HCL	Yes	4	3
1	125ml Plastic	HNO3	Yes	4	3

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Metal Digestion	Completed			3015A	04/21/05 10:00	PER		
Metals								
Barium	0.002	mg/L	0.01	200.8	04/22/05 12:46	SLS	7440-39-3	b
Lead	Not detected	mg/L	0.003	200.8	04/22/05 11:26	SLS	7439-92-1	
Organics - Volatiles								
Volatile Organics OBG Water								
Acetone	3	ug/L	30	8260B	04/24/05 05:51	JGH	67-64-1	J
Benzene	Not detected	ug/L	1	8260B	04/24/05 05:51	JGH	71-43-2	
Bromodichloromethane	Not detected	ug/L	1	8260B	04/24/05 05:51	JGH	75-27-4	
Bromoform	Not detected	ug/L	1	8260B	04/24/05 05:51	JGH	75-25-2	
Bromomethane	Not detected	ug/L	2	8260B	04/24/05 05:51	JGH	74-83-9	
2-Butanone (MEK)	Not detected	ug/L	30	8260B	04/24/05 05:51	JGH	78-93-3	
n-Butylbenzene	Not detected	ug/L	1	8260B	04/24/05 05:51	JGH	104-51-8	
sec-Butylbenzene	Not detected	ug/L	1	8260B	04/24/05 05:51	JGH	135-98-8	
tert-Butylbenzene	Not detected	ug/L	1	8260B	04/24/05 05:51	JGH	98-06-6	
Carbon disulfide	Not detected	ug/L	5	8260B	04/24/05 05:51	JGH	75-15-0	
Carbon tetrachloride	Not detected	ug/L	1	8260B	04/24/05 05:51	JGH	56-23-5	
Chlorobenzene	Not detected	ug/L	1	8260B	04/24/05 05:51	JGH	108-90-7	
Chloroethane	Not detected	ug/L	1	8260B	04/24/05 05:51	JGH	75-00-3	
2-Chloroethylvinyl ether	Not detected	ug/L	10	8260B	04/24/05 05:51	JGH	110-75-8	
Chloroform	0.7	ug/L	1	8260B	04/24/05 05:51	JGH	67-66-3	J
Chloromethane	Not detected	ug/L	1	8260B	04/24/05 05:51	JGH	74-87-3	
Dibromochloromethane	Not detected	ug/L	1	8260B	04/24/05 05:51	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/L	1	8260B	04/24/05 05:51	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/L	1	8260B	04/24/05 05:51	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/L	1	8260B	04/24/05 05:51	JGH	106-46-7	
1,1-Dichloroethene	Not detected	ug/L	1	8260B	04/24/05 05:51	JGH	75-35-4	
1,2-Dichloroethane	Not detected	ug/L	1	8260B	04/24/05 05:51	JGH	107-06-2	
1,1-Dichloroethane	Not detected	ug/L	1	8260B	04/24/05 05:51	JGH	75-34-3	
cis-1,2-Dichloroethene	Not detected	ug/L	1	8260B	04/24/05 05:51	JGH	156-59-2	
trans-1,2-Dichloroethene	Not detected	ug/L	1	8260B	04/24/05 05:51	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/L	1	8260B	04/24/05 05:51	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/L	1	8260B	04/24/05 05:51	JGH	10061-01-5	
trans-1,3-Dichloropropene	Not detected	ug/L	1	8260B	04/24/05 05:51	JGH	10061-02-6	
Ethylbenzene	Not detected	ug/L	1	8260B	04/24/05 05:51	JGH	100-41-4	
2-Hexanone	Not detected	ug/L	50	8260B	04/24/05 05:51	JGH	591-78-6	
Isopropylbenzene	Not detected	ug/L	1	8260B	04/24/05 05:51	JGH	98-82-8	
p-Isopropyltoluene	Not detected	ug/L	5	8260B	04/24/05 05:51	JGH	99-87-6	

b-Value detected less than reporting limit, but greater than MDL
J-Estimated value less than reporting limit, but greater than MDL

Lab Sample ID: S21786.12 (continued)
Sample Tag: FB-041205

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics OBG Water (continued)								
4-Methyl-2-pentanone (MIBK)	Not detected	ug/L	1	8260B	04/24/05 05:51	JGH	108-10-1	
Methylene chloride	Not detected	ug/L	5	8260B	04/24/05 05:51	JGH	75-09-2	
tert-Methyl butyl ether (MTBE)	Not detected	ug/L	5	8260B	04/24/05 05:51	JGH	1634-04-4	
Naphthalene	Not detected	ug/L	5	8260B	04/24/05 05:51	JGH	91-20-3	
n-Propylbenzene	Not detected	ug/L	5	8260B	04/24/05 05:51	JGH	103-65-1	
Styrene	Not detected	ug/L	1	8260B	04/24/05 05:51	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/L	1	8260B	04/24/05 05:51	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/L	1	8260B	04/24/05 05:51	JGH	127-18-4	
Toluene	Not detected	ug/L	1	8260B	04/24/05 05:51	JGH	108-88-3	
1,1,1-Trichloroethane	Not detected	ug/L	1	8260B	04/24/05 05:51	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/L	1	8260B	04/24/05 05:51	JGH	79-00-5	
Trichloroethene	Not detected	ug/L	1	8260B	04/24/05 05:51	JGH	79-01-6	
Trichlorofluoromethane	Not detected	ug/L	1	8260B	04/24/05 05:51	JGH	75-69-4	
1,2,4-Trimethylbenzene	Not detected	ug/L	1	8260B	04/24/05 05:51	JGH	95-63-6	
1,3,5-Trimethylbenzene	Not detected	ug/L	1	8260B	04/24/05 05:51	JGH	108-67-8	
Vinyl chloride	Not detected	ug/L	1	8260B	04/24/05 05:51	JGH	75-01-4	
o-Xylene	Not detected	ug/L	1	8260B	04/24/05 05:51	JGH	95-47-6	
p,m-Xylene	Not detected	ug/L	1	8260B	04/24/05 05:51	JGH		

Analytical Laboratory Report

Lab Sample ID: S21786.13
Sample Tag: TB-041205
Collected Date/Time: 04/12/2005 17:30
Matrix: Water Quality
COC Reference: 04104

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	40 ml Glass	HCL	Yes	4	3

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles								
Volatile Organics OBG Water								
Acetone	Not detected	ug/L	30	8260B	04/24/05 06:24	JGH	67-64-1	
Benzene	Not detected	ug/L	1	8260B	04/24/05 06:24	JGH	71-43-2	
Bromodichloromethane	Not detected	ug/L	1	8260B	04/24/05 06:24	JGH	75-27-4	
Bromoform	Not detected	ug/L	1	8260B	04/24/05 06:24	JGH	75-25-2	
Bromomethane	Not detected	ug/L	2	8260B	04/24/05 06:24	JGH	74-83-9	
2-Butanone (MEK)	Not detected	ug/L	30	8260B	04/24/05 06:24	JGH	78-93-3	
n-Butylbenzene	Not detected	ug/L	1	8260B	04/24/05 06:24	JGH	104-51-8	
sec-Butylbenzene	Not detected	ug/L	1	8260B	04/24/05 06:24	JGH	135-98-8	
tert-Butylbenzene	Not detected	ug/L	1	8260B	04/24/05 06:24	JGH	98-06-6	
Carbon disulfide	Not detected	ug/L	5	8260B	04/24/05 06:24	JGH	75-15-0	
Carbon tetrachloride	Not detected	ug/L	1	8260B	04/24/05 06:24	JGH	56-23-5	
Chlorobenzene	Not detected	ug/L	1	8260B	04/24/05 06:24	JGH	108-90-7	
Chloroethane	Not detected	ug/L	1	8260B	04/24/05 06:24	JGH	75-00-3	
2-Chloroethylvinyl ether	Not detected	ug/L	10	8260B	04/24/05 06:24	JGH	110-75-8	
Chloroform	Not detected	ug/L	1	8260B	04/24/05 06:24	JGH	67-66-3	
Chloromethane	Not detected	ug/L	1	8260B	04/24/05 06:24	JGH	74-87-3	
Dibromochloromethane	Not detected	ug/L	1	8260B	04/24/05 06:24	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/L	1	8260B	04/24/05 06:24	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/L	1	8260B	04/24/05 06:24	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/L	1	8260B	04/24/05 06:24	JGH	106-46-7	
1,1-Dichloroethene	Not detected	ug/L	1	8260B	04/24/05 06:24	JGH	75-35-4	
1,2-Dichloroethane	Not detected	ug/L	1	8260B	04/24/05 06:24	JGH	107-06-2	
1,1-Dichloroethane	Not detected	ug/L	1	8260B	04/24/05 06:24	JGH	75-34-3	
cis-1,2-Dichloroethene	Not detected	ug/L	1	8260B	04/24/05 06:24	JGH	156-59-2	
trans-1,2-Dichloroethene	Not detected	ug/L	1	8260B	04/24/05 06:24	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/L	1	8260B	04/24/05 06:24	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/L	1	8260B	04/24/05 06:24	JGH	10061-01-5	
trans-1,3-Dichloropropene	Not detected	ug/L	1	8260B	04/24/05 06:24	JGH	10061-02-6	
Ethylbenzene	Not detected	ug/L	1	8260B	04/24/05 06:24	JGH	100-41-4	
2-Hexanone	Not detected	ug/L	50	8260B	04/24/05 06:24	JGH	591-78-6	
Isopropylbenzene	Not detected	ug/L	1	8260B	04/24/05 06:24	JGH	98-82-8	
p-Isopropyltoluene	Not detected	ug/L	5	8260B	04/24/05 06:24	JGH	99-87-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/L	1	8260B	04/24/05 06:24	JGH	108-10-1	
Methylene chloride	Not detected	ug/L	5	8260B	04/24/05 06:24	JGH	75-09-2	
tert-Methyl butyl ether (MTBE)	Not detected	ug/L	5	8260B	04/24/05 06:24	JGH	1634-04-4	
Naphthalene	Not detected	ug/L	5	8260B	04/24/05 06:24	JGH	91-20-3	
n-Propylbenzene	Not detected	ug/L	5	8260B	04/24/05 06:24	JGH	103-65-1	
Styrene	Not detected	ug/L	1	8260B	04/24/05 06:24	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/L	1	8260B	04/24/05 06:24	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/L	1	8260B	04/24/05 06:24	JGH	127-18-4	
Toluene	0.3	ug/L	1	8260B	04/24/05 06:24	JGH	108-88-3	J

J-Estimated value less than reporting limit, but greater than MDL

Lab Sample ID: S21786.13 (continued)

Sample Tag: TB-041205

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics OBG Water (continued)								
1,1,1-Trichloroethane	Not detected	ug/L	1	8260B	04/24/05 06:24	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/L	1	8260B	04/24/05 06:24	JGH	79-00-5	
Trichloroethene	Not detected	ug/L	1	8260B	04/24/05 06:24	JGH	79-01-6	
Trichlorofluoromethane	Not detected	ug/L	1	8260B	04/24/05 06:24	JGH	75-69-4	
1,2,4-Trimethylbenzene	Not detected	ug/L	1	8260B	04/24/05 06:24	JGH	95-63-6	
1,3,5-Trimethylbenzene	Not detected	ug/L	1	8260B	04/24/05 06:24	JGH	108-67-8	
Vinyl chloride	Not detected	ug/L	1	8260B	04/24/05 06:24	JGH	75-01-4	
o-Xylene	Not detected	ug/L	1	8260B	04/24/05 06:24	JGH	95-47-6	
p,m-Xylene	Not detected	ug/L	1	8260B	04/24/05 06:24	JGH		

Analytical Laboratory Report

Report ID: S21805.01(01)
Generated on 05/03/2005

Report to

Attention: Tony Finch/ Sandy Pelowski
O'Brien & Gere Engineers
33469 West 14 Mile Road, Suite 150
Farmington Hills, MI 48331

Phone: 248-661-3745 FAX: 248-661-4057

Report produced by

Merit Laboratories
2680 East Lansing Drive
East Lansing, MI 48823

Phone: (517) 332-0167 FAX: (517) 332-6333

Report Summary

Lab Sample ID(s): S21805.01-S21805.15
Project: 34573 Die Storage Lot SSOW# R040005
Submitted Date/Time: 04/14/2005 14:45
Sampled by: Mike Robison
P.O. #: 409131

Report Notes

Results relate only to items tested.
Methods may be modified for improved performance.
Results reported on a dry weight basis where applicable.
"Not detected" indicates that parameter was not found at a level equal to or greater than the RDL.
Report shall not be reproduced except in full, without the written approval of Merit Laboratories.

Violetta F. Murshak
Laboratory Director

Merit Laboratories, Inc.

Analytical Laboratory Report

Lab Sample ID: S21805.01
Sample Tag: SO-041305-014
Collected Date/Time: 04/13/2005 09:10
Matrix: Soil
COC Reference: 04105

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	40 ml Glass	MeOH	Yes	4	3
1	4oz. Glass	None	Yes	4	3

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Lead, Fine and Coarse Digestion	Completed				04/28/05 12:00	PER		
Lead, Fine and Coarse Prep	Completed			3050B	04/19/05 09:00	JRT		
Metal Digestion	Completed			3050B	04/28/05 15:00	MSH		
Metals								
% Coarse by Weight	85.0	%			04/19/05 09:00	JRT		
% Fine by Weight	15.0	%			04/19/05 09:00	JRT		
Total Solids	88	%	1	160.3	04/19/05 09:00	JRT		
Barium	29.4	mg/kg	1.0	6020	05/02/05 18:22	SLS	7440-39-3	
Lead, Coarse	5.86	mg/kg	1.0		05/02/05 18:24	PER		
Lead, Fine	21.4	mg/kg	1.0		05/02/05 17:22	PER		
Organics - Volatiles								
Volatile Organics OBG								
Acetone	Not detected	ug/kg	800	5035/8260B	04/23/05 23:47	JGH	67-64-1	
Benzene	Not detected	ug/kg	50	5035/8260B	04/23/05 23:47	JGH	71-43-2	
Bromodichloromethane	Not detected	ug/kg	50	5035/8260B	04/23/05 23:47	JGH	75-27-4	
Bromoform	Not detected	ug/kg	50	5035/8260B	04/23/05 23:47	JGH	75-25-2	
Bromomethane	Not detected	ug/kg	300	5035/8260B	04/23/05 23:47	JGH	74-83-9	
2-Butanone (MEK)	Not detected	ug/kg	800	5035/8260B	04/23/05 23:47	JGH	78-93-3	
n-Butylbenzene	Not detected	ug/kg	50	5035/8260B	04/23/05 23:47	JGH	104-51-8	
sec-Butylbenzene	Not detected	ug/kg	50	5035/8260B	04/23/05 23:47	JGH	135-98-8	
tert-Butylbenzene	Not detected	ug/kg	50	5035/8260B	04/23/05 23:47	JGH	98-06-6	
Carbon disulfide	Not detected	ug/kg	300	5035/8260B	04/23/05 23:47	JGH	75-15-0	
Carbon tetrachloride	Not detected	ug/kg	50	5035/8260B	04/23/05 23:47	JGH	56-23-5	
Chlorobenzene	Not detected	ug/kg	50	5035/8260B	04/23/05 23:47	JGH	108-90-7	
Chloroethane	Not detected	ug/kg	300	5035/8260B	04/23/05 23:47	JGH	75-00-3	
2-Chloroethylvinyl ether	Not detected	ug/kg	500	5035/8260B	04/23/05 23:47	JGH	110-75-8	
Chloroform	Not detected	ug/kg	50	5035/8260B	04/23/05 23:47	JGH	67-66-3	
Chloromethane	Not detected	ug/kg	300	5035/8260B	04/23/05 23:47	JGH	74-87-3	
Dibromochloromethane	Not detected	ug/kg	50	5035/8260B	04/23/05 23:47	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/kg	50	5035/8260B	04/23/05 23:47	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/kg	50	5035/8260B	04/23/05 23:47	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/kg	50	5035/8260B	04/23/05 23:47	JGH	106-46-7	
1,1-Dichloroethene	Not detected	ug/kg	50	5035/8260B	04/23/05 23:47	JGH	75-35-4	
1,2-Dichloroethane	Not detected	ug/kg	50	5035/8260B	04/23/05 23:47	JGH	107-06-2	
1,1-Dichloroethane	Not detected	ug/kg	50	5035/8260B	04/23/05 23:47	JGH	75-34-3	
cis-1,2-Dichloroethene	Not detected	ug/kg	50	5035/8260B	04/23/05 23:47	JGH	156-59-2	
trans-1,2-Dichloroethene	Not detected	ug/kg	50	5035/8260B	04/23/05 23:47	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/kg	50	5035/8260B	04/23/05 23:47	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/kg	50	5035/8260B	04/23/05 23:47	JGH	10061-01-5	
trans-1,3-Dichloropropene	Not detected	ug/kg	50	5035/8260B	04/23/05 23:47	JGH	10061-02-6	

Lab Sample ID: S21805.01 (continued)

Sample Tag: SO-041305-014

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics OBG (continued)								
Ethylbenzene	Not detected	ug/kg	50	5035/8260B	04/23/05 23:47	JGH	100-41-4	
2-Hexanone	Not detected	ug/kg	3,000	5035/8260B	04/23/05 23:47	JGH	591-78-6	
Isopropylbenzene	Not detected	ug/kg	50	5035/8260B	04/23/05 23:47	JGH	98-82-8	
p-Isopropyltoluene	Not detected	ug/kg	100	5035/8260B	04/23/05 23:47	JGH	99-87-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/kg	3,000	5035/8260B	04/23/05 23:47	JGH	108-10-1	
Methylene chloride	Not detected	ug/kg	300	5035/8260B	04/23/05 23:47	JGH	75-09-2	
tert-Methyl butyl ether (MTBE)	Not detected	ug/kg	300	5035/8260B	04/23/05 23:47	JGH	1634-04-4	
Naphthalene	Not detected	ug/kg	300	5035/8260B	04/23/05 23:47	JGH	91-20-3	
n-Propylbenzene	Not detected	ug/kg	100	5035/8260B	04/23/05 23:47	JGH	103-65-1	
Styrene	Not detected	ug/kg	50	5035/8260B	04/23/05 23:47	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/kg	50	5035/8260B	04/23/05 23:47	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/kg	50	5035/8260B	04/23/05 23:47	JGH	127-18-4	
Toluene	Not detected	ug/kg	50	5035/8260B	04/23/05 23:47	JGH	108-88-3	
1,1,1-Trichloroethane	Not detected	ug/kg	50	5035/8260B	04/23/05 23:47	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/kg	50	5035/8260B	04/23/05 23:47	JGH	79-00-5	
Trichloroethene	Not detected	ug/kg	50	5035/8260B	04/23/05 23:47	JGH	79-01-6	
Trichlorofluoromethane	Not detected	ug/kg	100	5035/8260B	04/23/05 23:47	JGH	75-69-4	
1,2,4-Trimethylbenzene	Not detected	ug/kg	100	5035/8260B	04/23/05 23:47	JGH	95-63-6	
1,3,5-Trimethylbenzene	Not detected	ug/kg	100	5035/8260B	04/23/05 23:47	JGH	108-67-8	
Vinyl chloride	Not detected	ug/kg	100	5035/8260B	04/23/05 23:47	JGH	75-01-4	
o-Xylene	Not detected	ug/kg	50	5035/8260B	04/23/05 23:47	JGH	95-47-6	
p,m-Xylene	Not detected	ug/kg	50	5035/8260B	04/23/05 23:47	JGH		

Analytical Laboratory Report

Lab Sample ID: S21805.02
Sample Tag: SO-041305-015
Collected Date/Time: 04/13/2005 09:10
Matrix: Soil
COC Reference: 04105

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	40 ml Glass	MeOH	Yes	4	3
1	4oz. Glass	None	Yes	4	3

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Lead, Fine and Coarse Digestion	Completed				04/28/05 12:00	PER		
Lead, Fine and Coarse Prep	Completed			3050B	04/19/05 09:00	JRT		
Metal Digestion	Completed			3050B	04/28/05 15:00	MSH		
Metals								
% Coarse by Weight	82.3	%			04/19/05 09:00	JRT		
% Fine by Weight	17.7	%			04/19/05 09:00	JRT		
Total Solids	89	%	1	160.3	04/19/05 09:00	JRT		
Barium	39.2	mg/kg	1.0	6020	05/02/05 18:24	SLS	7440-39-3	
Lead, Coarse	6.01	mg/kg	1.0		05/02/05 18:26	PER		
Lead, Fine	12.4	mg/kg	1.0		05/02/05 17:25	PER		
Organics - Volatiles								
Volatile Organics OBG								
Acetone	Not detected	ug/kg	800	5035/8260B	04/24/05 00:20	JGH	67-64-1	
Benzene	Not detected	ug/kg	50	5035/8260B	04/24/05 00:20	JGH	71-43-2	
Bromodichloromethane	Not detected	ug/kg	50	5035/8260B	04/24/05 00:20	JGH	75-27-4	
Bromoform	Not detected	ug/kg	50	5035/8260B	04/24/05 00:20	JGH	75-25-2	
Bromomethane	Not detected	ug/kg	300	5035/8260B	04/24/05 00:20	JGH	74-83-9	
2-Butanone (MEK)	Not detected	ug/kg	800	5035/8260B	04/24/05 00:20	JGH	78-93-3	
n-Butylbenzene	Not detected	ug/kg	50	5035/8260B	04/24/05 00:20	JGH	104-51-8	
sec-Butylbenzene	Not detected	ug/kg	50	5035/8260B	04/24/05 00:20	JGH	135-98-8	
tert-Butylbenzene	Not detected	ug/kg	50	5035/8260B	04/24/05 00:20	JGH	98-06-6	
Carbon disulfide	Not detected	ug/kg	300	5035/8260B	04/24/05 00:20	JGH	75-15-0	
Carbon tetrachloride	Not detected	ug/kg	50	5035/8260B	04/24/05 00:20	JGH	56-23-5	
Chlorobenzene	Not detected	ug/kg	50	5035/8260B	04/24/05 00:20	JGH	108-90-7	
Chloroethane	Not detected	ug/kg	300	5035/8260B	04/24/05 00:20	JGH	75-00-3	
2-Chloroethylvinyl ether	Not detected	ug/kg	500	5035/8260B	04/24/05 00:20	JGH	110-75-8	
Chloroform	Not detected	ug/kg	50	5035/8260B	04/24/05 00:20	JGH	67-66-3	
Chloromethane	Not detected	ug/kg	300	5035/8260B	04/24/05 00:20	JGH	74-87-3	
Dibromochloromethane	Not detected	ug/kg	50	5035/8260B	04/24/05 00:20	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/kg	50	5035/8260B	04/24/05 00:20	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/kg	50	5035/8260B	04/24/05 00:20	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/kg	50	5035/8260B	04/24/05 00:20	JGH	106-46-7	
1,1-Dichloroethene	Not detected	ug/kg	50	5035/8260B	04/24/05 00:20	JGH	75-35-4	
1,2-Dichloroethane	Not detected	ug/kg	50	5035/8260B	04/24/05 00:20	JGH	107-06-2	
1,1-Dichloroethane	Not detected	ug/kg	50	5035/8260B	04/24/05 00:20	JGH	75-34-3	
cis-1,2-Dichloroethene	Not detected	ug/kg	50	5035/8260B	04/24/05 00:20	JGH	156-59-2	
trans-1,2-Dichloroethene	Not detected	ug/kg	50	5035/8260B	04/24/05 00:20	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/kg	50	5035/8260B	04/24/05 00:20	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/kg	50	5035/8260B	04/24/05 00:20	JGH	10061-01-5	
trans-1,3-Dichloropropene	Not detected	ug/kg	50	5035/8260B	04/24/05 00:20	JGH	10061-02-6	

Lab Sample ID: S21805.02 (continued)

Sample Tag: SO-041305-015

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics OBG (continued)								
Ethylbenzene	Not detected	ug/kg	50	5035/8260B	04/24/05 00:20	JGH	100-41-4	
2-Hexanone	Not detected	ug/kg	3,000	5035/8260B	04/24/05 00:20	JGH	591-78-6	
Isopropylbenzene	Not detected	ug/kg	50	5035/8260B	04/24/05 00:20	JGH	98-82-8	
p-Isopropyltoluene	Not detected	ug/kg	100	5035/8260B	04/24/05 00:20	JGH	99-87-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/kg	3,000	5035/8260B	04/24/05 00:20	JGH	108-10-1	
Methylene chloride	Not detected	ug/kg	300	5035/8260B	04/24/05 00:20	JGH	75-09-2	
tert-Methyl butyl ether (MTBE)	Not detected	ug/kg	300	5035/8260B	04/24/05 00:20	JGH	1634-04-4	
Naphthalene	Not detected	ug/kg	300	5035/8260B	04/24/05 00:20	JGH	91-20-3	
n-Propylbenzene	Not detected	ug/kg	100	5035/8260B	04/24/05 00:20	JGH	103-65-1	
Styrene	Not detected	ug/kg	50	5035/8260B	04/24/05 00:20	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/kg	50	5035/8260B	04/24/05 00:20	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/kg	50	5035/8260B	04/24/05 00:20	JGH	127-18-4	
Toluene	30	ug/kg	50	5035/8260B	04/24/05 00:20	JGH	108-88-3	J
1,1,1-Trichloroethane	Not detected	ug/kg	50	5035/8260B	04/24/05 00:20	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/kg	50	5035/8260B	04/24/05 00:20	JGH	79-00-5	
Trichloroethene	Not detected	ug/kg	50	5035/8260B	04/24/05 00:20	JGH	79-01-6	
Trichlorofluoromethane	Not detected	ug/kg	100	5035/8260B	04/24/05 00:20	JGH	75-69-4	
1,2,4-Trimethylbenzene	Not detected	ug/kg	100	5035/8260B	04/24/05 00:20	JGH	95-63-6	
1,3,5-Trimethylbenzene	Not detected	ug/kg	100	5035/8260B	04/24/05 00:20	JGH	108-67-8	
Vinyl chloride	Not detected	ug/kg	100	5035/8260B	04/24/05 00:20	JGH	75-01-4	
o-Xylene	Not detected	ug/kg	50	5035/8260B	04/24/05 00:20	JGH	95-47-6	
p,m-Xylene	Not detected	ug/kg	50	5035/8260B	04/24/05 00:20	JGH		

J-Estimated value less than reporting limit, but greater than MDL

Analytical Laboratory Report

Lab Sample ID: S21805.03
Sample Tag: SO-041305-016
Collected Date/Time: 04/13/2005 10:00
Matrix: Soil
COC Reference: 04105

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	40 ml Glass	MeOH	Yes	4	3
1	4oz. Glass	None	Yes	4	3

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Lead, Fine and Coarse Digestion	Completed				04/28/05 12:00	PER		
Lead, Fine and Coarse Prep	Completed			3050B	04/19/05 09:00	JRT		
Metal Digestion	Completed			3050B	04/28/05 15:00	MSH		
Metals								
% Coarse by Weight	87.5	%			04/19/05 09:00	JRT		
% Fine by Weight	12.5	%			04/19/05 09:00	JRT		
Total Solids	88	%	1	160.3	04/19/05 09:00	JRT		
Barium	61.0	mg/kg	1.0	6020	05/02/05 18:42	SLS	7440-39-3	
Lead, Coarse	5.34	mg/kg	1.0		05/02/05 18:27	PER		
Lead, Fine	16.7	mg/kg	1.0		05/02/05 17:26	PER		
Organics - Volatiles								
Volatile Organics OBG								
Acetone	Not detected	ug/kg	800	5035/8260B	04/24/05 00:53	JGH	67-64-1	
Benzene	Not detected	ug/kg	60	5035/8260B	04/24/05 00:53	JGH	71-43-2	
Bromodichloromethane	Not detected	ug/kg	60	5035/8260B	04/24/05 00:53	JGH	75-27-4	
Bromoform	Not detected	ug/kg	60	5035/8260B	04/24/05 00:53	JGH	75-25-2	
Bromomethane	Not detected	ug/kg	300	5035/8260B	04/24/05 00:53	JGH	74-83-9	
2-Butanone (MEK)	Not detected	ug/kg	800	5035/8260B	04/24/05 00:53	JGH	78-93-3	
n-Butylbenzene	Not detected	ug/kg	60	5035/8260B	04/24/05 00:53	JGH	104-51-8	
sec-Butylbenzene	Not detected	ug/kg	60	5035/8260B	04/24/05 00:53	JGH	135-98-8	
tert-Butylbenzene	Not detected	ug/kg	60	5035/8260B	04/24/05 00:53	JGH	98-06-6	
Carbon disulfide	Not detected	ug/kg	300	5035/8260B	04/24/05 00:53	JGH	75-15-0	
Carbon tetrachloride	Not detected	ug/kg	60	5035/8260B	04/24/05 00:53	JGH	56-23-5	
Chlorobenzene	Not detected	ug/kg	60	5035/8260B	04/24/05 00:53	JGH	108-90-7	
Chloroethane	Not detected	ug/kg	300	5035/8260B	04/24/05 00:53	JGH	75-00-3	
2-Chloroethylvinyl ether	Not detected	ug/kg	600	5035/8260B	04/24/05 00:53	JGH	110-75-8	
Chloroform	Not detected	ug/kg	60	5035/8260B	04/24/05 00:53	JGH	67-66-3	
Chloromethane	Not detected	ug/kg	300	5035/8260B	04/24/05 00:53	JGH	74-87-3	
Dibromochloromethane	Not detected	ug/kg	60	5035/8260B	04/24/05 00:53	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/kg	60	5035/8260B	04/24/05 00:53	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/kg	60	5035/8260B	04/24/05 00:53	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/kg	60	5035/8260B	04/24/05 00:53	JGH	106-46-7	
1,1-Dichloroethene	Not detected	ug/kg	60	5035/8260B	04/24/05 00:53	JGH	75-35-4	
1,2-Dichloroethane	Not detected	ug/kg	60	5035/8260B	04/24/05 00:53	JGH	107-06-2	
1,1-Dichloroethane	Not detected	ug/kg	60	5035/8260B	04/24/05 00:53	JGH	75-34-3	
cis-1,2-Dichloroethene	Not detected	ug/kg	60	5035/8260B	04/24/05 00:53	JGH	156-59-2	
trans-1,2-Dichloroethene	Not detected	ug/kg	60	5035/8260B	04/24/05 00:53	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/kg	60	5035/8260B	04/24/05 00:53	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/kg	60	5035/8260B	04/24/05 00:53	JGH	10061-01-5	
trans-1,3-Dichloropropene	Not detected	ug/kg	60	5035/8260B	04/24/05 00:53	JGH	10061-02-6	

Lab Sample ID: S21805.03 (continued)

Sample Tag: SO-041305-016

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics OBG (continued)								
Ethylbenzene	Not detected	ug/kg	60	5035/8260B	04/24/05 00:53	JGH	100-41-4	
2-Hexanone	Not detected	ug/kg	3,000	5035/8260B	04/24/05 00:53	JGH	591-78-6	
Isopropylbenzene	Not detected	ug/kg	60	5035/8260B	04/24/05 00:53	JGH	98-82-8	
p-Isopropyltoluene	Not detected	ug/kg	100	5035/8260B	04/24/05 00:53	JGH	99-87-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/kg	3,000	5035/8260B	04/24/05 00:53	JGH	108-10-1	
Methylene chloride	Not detected	ug/kg	300	5035/8260B	04/24/05 00:53	JGH	75-09-2	
tert-Methyl butyl ether (MTBE)	Not detected	ug/kg	300	5035/8260B	04/24/05 00:53	JGH	1634-04-4	
Naphthalene	Not detected	ug/kg	400	5035/8260B	04/24/05 00:53	JGH	91-20-3	
n-Propylbenzene	Not detected	ug/kg	100	5035/8260B	04/24/05 00:53	JGH	103-65-1	
Styrene	Not detected	ug/kg	60	5035/8260B	04/24/05 00:53	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/kg	60	5035/8260B	04/24/05 00:53	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/kg	60	5035/8260B	04/24/05 00:53	JGH	127-18-4	
Toluene	Not detected	ug/kg	60	5035/8260B	04/24/05 00:53	JGH	108-88-3	
1,1,1-Trichloroethane	Not detected	ug/kg	60	5035/8260B	04/24/05 00:53	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/kg	60	5035/8260B	04/24/05 00:53	JGH	79-00-5	
Trichloroethene	Not detected	ug/kg	60	5035/8260B	04/24/05 00:53	JGH	79-01-6	
Trichlorofluoromethane	Not detected	ug/kg	100	5035/8260B	04/24/05 00:53	JGH	75-69-4	
1,2,4-Trimethylbenzene	Not detected	ug/kg	100	5035/8260B	04/24/05 00:53	JGH	95-63-6	
1,3,5-Trimethylbenzene	Not detected	ug/kg	100	5035/8260B	04/24/05 00:53	JGH	108-67-8	
Vinyl chloride	Not detected	ug/kg	100	5035/8260B	04/24/05 00:53	JGH	75-01-4	
o-Xylene	Not detected	ug/kg	60	5035/8260B	04/24/05 00:53	JGH	95-47-6	
p,m-Xylene	Not detected	ug/kg	60	5035/8260B	04/24/05 00:53	JGH		

Analytical Laboratory Report

Lab Sample ID: S21805.04
Sample Tag: SO-041305-017 MS
Collected Date/Time: 04/13/2005 10:00
Matrix: Soil
COC Reference: 04105

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	40 ml Glass	MeOH	Yes	4	3
1	4oz. Glass	None	Yes	4	3

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Lead, Fine and Coarse Digestion	Completed				04/28/05 12:00	PER		
Lead, Fine and Coarse Prep	Completed			3050B	04/19/05 09:00	JRT		
Metal Digestion	Completed			3050B	04/28/05 15:00	MSH		
Metals								
% Coarse by Weight	87.5	%			04/19/05 09:00	JRT		
% Fine by Weight	12.5	%			04/19/05 09:00	JRT		
Total Solids	88	%	1	160.3	04/19/05 09:00	JRT		
Barium	78.6	mg/kg	1.0	6020	05/02/05 18:44	SLS	7440-39-3	
Lead, Coarse	42.6	mg/kg	1.0		05/02/05 18:28	PER		
Lead, Fine	67.1	mg/kg	1.0		05/02/05 17:27	PER		
Organics - Volatiles								
Volatile Organics OBG								
Acetone	900	ug/kg	800	5035/8260B	04/25/05 17:14	JGH	67-64-1	1T
Benzene	1,240	ug/kg	50	5035/8260B	04/25/05 17:14	JGH	71-43-2	1T
Bromodichloromethane	1,080	ug/kg	50	5035/8260B	04/25/05 17:14	JGH	75-27-4	1T
Bromoform	910	ug/kg	50	5035/8260B	04/25/05 17:14	JGH	75-25-2	1T
Bromomethane	800	ug/kg	300	5035/8260B	04/25/05 17:14	JGH	74-83-9	1T
2-Butanone (MEK)	800	ug/kg	800	5035/8260B	04/25/05 17:14	JGH	78-93-3	1T
n-Butylbenzene	1,050	ug/kg	50	5035/8260B	04/25/05 17:14	JGH	104-51-8	1T
sec-Butylbenzene	980	ug/kg	50	5035/8260B	04/25/05 17:14	JGH	135-98-8	1T
tert-Butylbenzene	1,200	ug/kg	50	5035/8260B	04/25/05 17:14	JGH	98-06-6	1T
Carbon disulfide	800	ug/kg	300	5035/8260B	04/25/05 17:14	JGH	75-15-0	1T
Carbon tetrachloride	980	ug/kg	50	5035/8260B	04/25/05 17:14	JGH	56-23-5	1T
Chlorobenzene	1,250	ug/kg	50	5035/8260B	04/25/05 17:14	JGH	108-90-7	1T
Chloroethane	200	ug/kg	300	5035/8260B	04/25/05 17:14	JGH	75-00-3	J1T
2-Chloroethylvinyl ether	1,200	ug/kg	500	5035/8260B	04/25/05 17:14	JGH	110-75-8	1T
Chloroform	1,050	ug/kg	50	5035/8260B	04/25/05 17:14	JGH	67-66-3	1T
Chloromethane	700	ug/kg	300	5035/8260B	04/25/05 17:14	JGH	74-87-3	1T
Dibromochloromethane	1,070	ug/kg	50	5035/8260B	04/25/05 17:14	JGH	124-48-1	1T
1,2-Dichlorobenzene	1,170	ug/kg	50	5035/8260B	04/25/05 17:14	JGH	95-50-1	1T
1,3-Dichlorobenzene	1,200	ug/kg	50	5035/8260B	04/25/05 17:14	JGH	541-73-1	1T
1,4-Dichlorobenzene	1,160	ug/kg	50	5035/8260B	04/25/05 17:14	JGH	106-46-7	1T
1,1-Dichloroethene	850	ug/kg	50	5035/8260B	04/25/05 17:14	JGH	75-35-4	1T
1,2-Dichloroethane	1,210	ug/kg	50	5035/8260B	04/25/05 17:14	JGH	107-06-2	1T
1,1-Dichloroethane	1,020	ug/kg	50	5035/8260B	04/25/05 17:14	JGH	75-34-3	1T
cis-1,2-Dichloroethene	1,060	ug/kg	50	5035/8260B	04/25/05 17:14	JGH	156-59-2	1T
trans-1,2-Dichloroethene	850	ug/kg	50	5035/8260B	04/25/05 17:14	JGH	156-60-5	1T
1,2-Dichloropropane	1,220	ug/kg	50	5035/8260B	04/25/05 17:14	JGH	78-87-5	1T

1-Spiked at 1.25mg/kg T-No correction for total solids
J-Estimated value less than reporting limit, but greater than MDL

Lab Sample ID: S21805.04 (continued)

Sample Tag: SO-041305-017 MS

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics OBG (continued)								
cis-1,3-Dichloropropene	1,140	ug/kg	50	5035/8260B	04/25/05 17:14	JGH	10061-01-5	1T
trans-1,3-Dichloropropene	1,120	ug/kg	50	5035/8260B	04/25/05 17:14	JGH	10061-02-6	1T
Ethylbenzene	1,250	ug/kg	50	5035/8260B	04/25/05 17:14	JGH	100-41-4	1T
2-Hexanone	900	ug/kg	3,000	5035/8260B	04/25/05 17:14	JGH	591-78-6	J1T
Isopropylbenzene	1,260	ug/kg	50	5035/8260B	04/25/05 17:14	JGH	98-82-8	1T
p-Isopropyltoluene	1,200	ug/kg	100	5035/8260B	04/25/05 17:14	JGH	99-87-6	1T
4-Methyl-2-pentanone (MIBK)	1,000	ug/kg	3,000	5035/8260B	04/25/05 17:14	JGH	108-10-1	J1T
Methylene chloride	1,100	ug/kg	300	5035/8260B	04/25/05 17:14	JGH	75-09-2	1T
tert-Methyl butyl ether (MTBE)	800	ug/kg	300	5035/8260B	04/25/05 17:14	JGH	1634-04-4	1T
Naphthalene	1,000	ug/kg	300	5035/8260B	04/25/05 17:14	JGH	91-20-3	1T
n-Propylbenzene	1,100	ug/kg	100	5035/8260B	04/25/05 17:14	JGH	103-65-1	1T
Styrene	1,210	ug/kg	50	5035/8260B	04/25/05 17:14	JGH	100-42-5	1T
1,1,2,2-Tetrachloroethane	1,060	ug/kg	50	5035/8260B	04/25/05 17:14	JGH	79-34-5	1T
Tetrachloroethene	1,350	ug/kg	50	5035/8260B	04/25/05 17:14	JGH	127-18-4	1T
Toluene	1,280	ug/kg	50	5035/8260B	04/25/05 17:14	JGH	108-88-3	1T
1,1,1-Trichloroethane	970	ug/kg	50	5035/8260B	04/25/05 17:14	JGH	71-55-6	1T
1,1,2-Trichloroethane	1,200	ug/kg	50	5035/8260B	04/25/05 17:14	JGH	79-00-5	1T
Trichloroethene	1,210	ug/kg	50	5035/8260B	04/25/05 17:14	JGH	79-01-6	1T
Trichlorofluoromethane	800	ug/kg	100	5035/8260B	04/25/05 17:14	JGH	75-69-4	1T
1,2,4-Trimethylbenzene	1,200	ug/kg	100	5035/8260B	04/25/05 17:14	JGH	95-63-6	1T
1,3,5-Trimethylbenzene	1,200	ug/kg	100	5035/8260B	04/25/05 17:14	JGH	108-67-8	1T
Vinyl chloride	1,000	ug/kg	100	5035/8260B	04/25/05 17:14	JGH	75-01-4	1T
o-Xylene	1,270	ug/kg	50	5035/8260B	04/25/05 17:14	JGH	95-47-6	1T
p,m-Xylene	2,560	ug/kg	50	5035/8260B	04/25/05 17:14	JGH		1T

1-Spiked at 1.25mg/kg T-No correction for total solids

J-Estimated value less than reporting limit, but greater than MDL

Analytical Laboratory Report

Lab Sample ID: S21805.05
Sample Tag: SO-041305-018 MSD
Collected Date/Time: 04/13/2005 10:00
Matrix: Soil
COC Reference: 04105

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	40 ml Glass	MeOH	Yes	4	3
1	4oz. Glass	None	Yes	4	3

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Lead, Fine and Coarse Digestion	Completed				04/28/05 12:00	PER		
Lead, Fine and Coarse Prep	Completed			3050B	04/19/05 09:00	JRT		
Metal Digestion	Completed			3050B	04/28/05 15:00	MSH		
Metals								
% Coarse by Weight	87.5	%			04/19/05 09:00	JRT		
% Fine by Weight	12.5	%			04/19/05 09:00	JRT		
Total Solids	88	%	1	160.3	04/19/05 09:00	JRT		
Barium	78.5	mg/kg	1.0	6020	05/02/05 18:46	SLS	7440-39-3	
Lead, Coarse	40.0	mg/kg	1.0		05/02/05 18:29	PER		
Lead, Fine	67.9	mg/kg	1.0		05/02/05 17:28	PER		
Organics - Volatiles								
Volatile Organics OBG								
Acetone	900	ug/kg	800	5035/8260B	04/25/05 17:47	JGH	67-64-1	1T
Benzene	1,230	ug/kg	50	5035/8260B	04/25/05 17:47	JGH	71-43-2	1T
Bromodichloromethane	1,080	ug/kg	50	5035/8260B	04/25/05 17:47	JGH	75-27-4	1T
Bromoform	920	ug/kg	50	5035/8260B	04/25/05 17:47	JGH	75-25-2	1T
Bromomethane	900	ug/kg	300	5035/8260B	04/25/05 17:47	JGH	74-83-9	1T
2-Butanone (MEK)	900	ug/kg	800	5035/8260B	04/25/05 17:47	JGH	78-93-3	1T
n-Butylbenzene	1,050	ug/kg	50	5035/8260B	04/25/05 17:47	JGH	104-51-8	1T
sec-Butylbenzene	1,000	ug/kg	50	5035/8260B	04/25/05 17:47	JGH	135-98-8	1T
tert-Butylbenzene	1,180	ug/kg	50	5035/8260B	04/25/05 17:47	JGH	98-06-6	1T
Carbon disulfide	900	ug/kg	300	5035/8260B	04/25/05 17:47	JGH	75-15-0	1T
Carbon tetrachloride	940	ug/kg	50	5035/8260B	04/25/05 17:47	JGH	56-23-5	1T
Chlorobenzene	1,250	ug/kg	50	5035/8260B	04/25/05 17:47	JGH	108-90-7	1T
Chloroethane	200	ug/kg	300	5035/8260B	04/25/05 17:47	JGH	75-00-3	J1T
2-Chloroethylvinyl ether	1,200	ug/kg	500	5035/8260B	04/25/05 17:47	JGH	110-75-8	1T
Chloroform	1,090	ug/kg	50	5035/8260B	04/25/05 17:47	JGH	67-66-3	1T
Chloromethane	700	ug/kg	300	5035/8260B	04/25/05 17:47	JGH	74-87-3	1T
Dibromochloromethane	1,050	ug/kg	50	5035/8260B	04/25/05 17:47	JGH	124-48-1	1T
1,2-Dichlorobenzene	1,200	ug/kg	50	5035/8260B	04/25/05 17:47	JGH	95-50-1	1T
1,3-Dichlorobenzene	1,190	ug/kg	50	5035/8260B	04/25/05 17:47	JGH	541-73-1	1T
1,4-Dichlorobenzene	1,180	ug/kg	50	5035/8260B	04/25/05 17:47	JGH	106-46-7	1T
1,1-Dichloroethene	860	ug/kg	50	5035/8260B	04/25/05 17:47	JGH	75-35-4	1T
1,2-Dichloroethane	1,290	ug/kg	50	5035/8260B	04/25/05 17:47	JGH	107-06-2	1T
1,1-Dichloroethane	1,070	ug/kg	50	5035/8260B	04/25/05 17:47	JGH	75-34-3	1T
cis-1,2-Dichloroethene	1,100	ug/kg	50	5035/8260B	04/25/05 17:47	JGH	156-59-2	1T
trans-1,2-Dichloroethene	900	ug/kg	50	5035/8260B	04/25/05 17:47	JGH	156-60-5	1T
1,2-Dichloropropane	1,260	ug/kg	50	5035/8260B	04/25/05 17:47	JGH	78-87-5	1T

1-Spiked at 1.25mg/kg T-No correction for total solids
J-Estimated value less than reporting limit, but greater than MDL

Lab Sample ID: S21805.05 (continued)

Sample Tag: SO-041305-018 MSD

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics OBG (continued)								
cis-1,3-Dichloropropene	1,200	ug/kg	50	5035/8260B	04/25/05 17:47	JGH	10061-01-5	1T
trans-1,3-Dichloropropene	1,160	ug/kg	50	5035/8260B	04/25/05 17:47	JGH	10061-02-6	1T
Ethylbenzene	1,240	ug/kg	50	5035/8260B	04/25/05 17:47	JGH	100-41-4	1T
2-Hexanone	1,000	ug/kg	3,000	5035/8260B	04/25/05 17:47	JGH	591-78-6	J1T
Isopropylbenzene	1,280	ug/kg	50	5035/8260B	04/25/05 17:47	JGH	98-82-8	1T
p-Isopropyltoluene	1,100	ug/kg	100	5035/8260B	04/25/05 17:47	JGH	99-87-6	1T
4-Methyl-2-pentanone (MIBK)	1,000	ug/kg	3,000	5035/8260B	04/25/05 17:47	JGH	108-10-1	J1T
Methylene chloride	1,100	ug/kg	300	5035/8260B	04/25/05 17:47	JGH	75-09-2	1T
tert-Methyl butyl ether (MTBE)	900	ug/kg	300	5035/8260B	04/25/05 17:47	JGH	1634-04-4	1T
Naphthalene	1,200	ug/kg	300	5035/8260B	04/25/05 17:47	JGH	91-20-3	1T
n-Propylbenzene	1,100	ug/kg	100	5035/8260B	04/25/05 17:47	JGH	103-65-1	1T
Styrene	1,200	ug/kg	50	5035/8260B	04/25/05 17:47	JGH	100-42-5	1T
1,1,2,2-Tetrachloroethane	1,120	ug/kg	50	5035/8260B	04/25/05 17:47	JGH	79-34-5	1T
Tetrachloroethene	1,300	ug/kg	50	5035/8260B	04/25/05 17:47	JGH	127-18-4	1T
Toluene	1,270	ug/kg	50	5035/8260B	04/25/05 17:47	JGH	108-88-3	1T
1,1,1-Trichloroethane	1,030	ug/kg	50	5035/8260B	04/25/05 17:47	JGH	71-55-6	1T
1,1,2-Trichloroethane	1,230	ug/kg	50	5035/8260B	04/25/05 17:47	JGH	79-00-5	1T
Trichloroethene	1,190	ug/kg	50	5035/8260B	04/25/05 17:47	JGH	79-01-6	1T
Trichlorofluoromethane	800	ug/kg	100	5035/8260B	04/25/05 17:47	JGH	75-69-4	1T
1,2,4-Trimethylbenzene	1,200	ug/kg	100	5035/8260B	04/25/05 17:47	JGH	95-63-6	1T
1,3,5-Trimethylbenzene	1,200	ug/kg	100	5035/8260B	04/25/05 17:47	JGH	108-67-8	1T
Vinyl chloride	1,000	ug/kg	100	5035/8260B	04/25/05 17:47	JGH	75-01-4	1T
o-Xylene	1,270	ug/kg	50	5035/8260B	04/25/05 17:47	JGH	95-47-6	1T
p,m-Xylene	2,620	ug/kg	50	5035/8260B	04/25/05 17:47	JGH		1T

1-Spiked at 1.25mg/kg T-No correction for total solids

J-Estimated value less than reporting limit, but greater than MDL

Analytical Laboratory Report

Lab Sample ID: S21805.06
Sample Tag: SO-041305-019
Collected Date/Time: 04/13/2005 11:00
Matrix: Soil
COC Reference: 04105

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	40 ml Glass	MeOH	Yes	4	3
1	4oz. Glass	None	Yes	4	3

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Lead, Fine and Coarse Digestion	Completed				04/28/05 12:00	PER		
Lead, Fine and Coarse Prep	Completed			3050B	04/19/05 09:00	JRT		
Metal Digestion	Completed			3050B	04/28/05 15:00	MSH		
Metals								
% Coarse by Weight	52.1	%			04/19/05 09:00	JRT		
% Fine by Weight	47.9	%			04/19/05 09:00	JRT		
Total Solids	91	%	1	160.3	04/19/05 09:00	JRT		
Barium	20.9	mg/kg	1.0	6020	05/02/05 18:26	SLS	7440-39-3	
Lead, Coarse	4.09	mg/kg	1.0		05/02/05 18:30	PER		
Lead, Fine	10.3	mg/kg	1.0		05/02/05 17:29	PER		
Organics - Volatiles								
Volatile Organics OBG								
Acetone	Not detected	ug/kg	800	5035/8260B	04/27/05 22:01	JGH	67-64-1	
Benzene	Not detected	ug/kg	60	5035/8260B	04/27/05 22:01	JGH	71-43-2	
Bromodichloromethane	Not detected	ug/kg	60	5035/8260B	04/27/05 22:01	JGH	75-27-4	
Bromoform	Not detected	ug/kg	60	5035/8260B	04/27/05 22:01	JGH	75-25-2	
Bromomethane	Not detected	ug/kg	300	5035/8260B	04/27/05 22:01	JGH	74-83-9	
2-Butanone (MEK)	Not detected	ug/kg	800	5035/8260B	04/27/05 22:01	JGH	78-93-3	
n-Butylbenzene	Not detected	ug/kg	60	5035/8260B	04/27/05 22:01	JGH	104-51-8	
sec-Butylbenzene	Not detected	ug/kg	60	5035/8260B	04/27/05 22:01	JGH	135-98-8	
tert-Butylbenzene	Not detected	ug/kg	60	5035/8260B	04/27/05 22:01	JGH	98-06-6	
Carbon disulfide	Not detected	ug/kg	300	5035/8260B	04/27/05 22:01	JGH	75-15-0	
Carbon tetrachloride	Not detected	ug/kg	60	5035/8260B	04/27/05 22:01	JGH	56-23-5	
Chlorobenzene	Not detected	ug/kg	60	5035/8260B	04/27/05 22:01	JGH	108-90-7	
Chloroethane	Not detected	ug/kg	300	5035/8260B	04/27/05 22:01	JGH	75-00-3	
2-Chloroethylvinyl ether	Not detected	ug/kg	600	5035/8260B	04/27/05 22:01	JGH	110-75-8	
Chloroform	Not detected	ug/kg	60	5035/8260B	04/27/05 22:01	JGH	67-66-3	
Chloromethane	Not detected	ug/kg	300	5035/8260B	04/27/05 22:01	JGH	74-87-3	
Dibromochloromethane	Not detected	ug/kg	60	5035/8260B	04/27/05 22:01	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/kg	60	5035/8260B	04/27/05 22:01	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/kg	60	5035/8260B	04/27/05 22:01	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/kg	60	5035/8260B	04/27/05 22:01	JGH	106-46-7	
1,1-Dichloroethene	Not detected	ug/kg	60	5035/8260B	04/27/05 22:01	JGH	75-35-4	
1,2-Dichloroethane	Not detected	ug/kg	60	5035/8260B	04/27/05 22:01	JGH	107-06-2	
1,1-Dichloroethane	Not detected	ug/kg	60	5035/8260B	04/27/05 22:01	JGH	75-34-3	
cis-1,2-Dichloroethene	Not detected	ug/kg	60	5035/8260B	04/27/05 22:01	JGH	156-59-2	
trans-1,2-Dichloroethene	Not detected	ug/kg	60	5035/8260B	04/27/05 22:01	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/kg	60	5035/8260B	04/27/05 22:01	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/kg	60	5035/8260B	04/27/05 22:01	JGH	10061-01-5	
trans-1,3-Dichloropropene	Not detected	ug/kg	60	5035/8260B	04/27/05 22:01	JGH	10061-02-6	

Lab Sample ID: S21805.06 (continued)

Sample Tag: SO-041305-019

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics OBG (continued)								
Ethylbenzene	Not detected	ug/kg	60	5035/8260B	04/27/05 22:01	JGH	100-41-4	
2-Hexanone	Not detected	ug/kg	3,000	5035/8260B	04/27/05 22:01	JGH	591-78-6	
Isopropylbenzene	Not detected	ug/kg	60	5035/8260B	04/27/05 22:01	JGH	98-82-8	
p-Isopropyltoluene	Not detected	ug/kg	100	5035/8260B	04/27/05 22:01	JGH	99-87-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/kg	3,000	5035/8260B	04/27/05 22:01	JGH	108-10-1	
Methylene chloride	Not detected	ug/kg	300	5035/8260B	04/27/05 22:01	JGH	75-09-2	
tert-Methyl butyl ether (MTBE)	Not detected	ug/kg	300	5035/8260B	04/27/05 22:01	JGH	1634-04-4	
Naphthalene	Not detected	ug/kg	400	5035/8260B	04/27/05 22:01	JGH	91-20-3	
n-Propylbenzene	Not detected	ug/kg	100	5035/8260B	04/27/05 22:01	JGH	103-65-1	
Styrene	Not detected	ug/kg	60	5035/8260B	04/27/05 22:01	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/kg	60	5035/8260B	04/27/05 22:01	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/kg	60	5035/8260B	04/27/05 22:01	JGH	127-18-4	
Toluene	290	ug/kg	60	5035/8260B	04/27/05 22:01	JGH	108-88-3	
1,1,1-Trichloroethane	Not detected	ug/kg	60	5035/8260B	04/27/05 22:01	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/kg	60	5035/8260B	04/27/05 22:01	JGH	79-00-5	
Trichloroethene	Not detected	ug/kg	60	5035/8260B	04/27/05 22:01	JGH	79-01-6	
Trichlorofluoromethane	Not detected	ug/kg	100	5035/8260B	04/27/05 22:01	JGH	75-69-4	
1,2,4-Trimethylbenzene	Not detected	ug/kg	100	5035/8260B	04/27/05 22:01	JGH	95-63-6	
1,3,5-Trimethylbenzene	Not detected	ug/kg	100	5035/8260B	04/27/05 22:01	JGH	108-67-8	
Vinyl chloride	Not detected	ug/kg	100	5035/8260B	04/27/05 22:01	JGH	75-01-4	
o-Xylene	Not detected	ug/kg	60	5035/8260B	04/27/05 22:01	JGH	95-47-6	
p,m-Xylene	40	ug/kg	60	5035/8260B	04/27/05 22:01	JGH		J

J-Estimated value less than reporting limit, but greater than MDL

Analytical Laboratory Report

Lab Sample ID: S21805.07
Sample Tag: SO-041305-020
Collected Date/Time: 04/13/2005 12:30
Matrix: Soil
COC Reference: 04105

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	40 ml Glass	MeOH	Yes	4	3
1	4oz. Glass	None	Yes	4	3

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Lead, Fine and Coarse Digestion	Completed				04/28/05 12:00	PER		
Lead, Fine and Coarse Prep	Completed			3050B	04/19/05 09:00	JRT		
Metal Digestion	Completed			3050B	04/28/05 15:00	MSH		
Metals								
% Coarse by Weight	66.0	%			04/19/05 09:00	JRT		
% Fine by Weight	34.0	%			04/19/05 09:00	JRT		
Total Solids	91	%	1	160.3	04/19/05 09:00	JRT		
Barium	27.8	mg/kg	1.0	6020	05/02/05 18:28	SLS	7440-39-3	
Lead, Coarse	5.50	mg/kg	1.0		05/02/05 18:32	PER		
Lead, Fine	11.1	mg/kg	1.0		05/02/05 17:30	PER		
Organics - Volatiles								
Volatile Organics OBG								
Acetone	Not detected	ug/kg	800	5035/8260B	04/27/05 22:34	JGH	67-64-1	
Benzene	Not detected	ug/kg	50	5035/8260B	04/27/05 22:34	JGH	71-43-2	
Bromodichloromethane	Not detected	ug/kg	50	5035/8260B	04/27/05 22:34	JGH	75-27-4	
Bromoform	Not detected	ug/kg	50	5035/8260B	04/27/05 22:34	JGH	75-25-2	
Bromomethane	Not detected	ug/kg	300	5035/8260B	04/27/05 22:34	JGH	74-83-9	
2-Butanone (MEK)	Not detected	ug/kg	800	5035/8260B	04/27/05 22:34	JGH	78-93-3	
n-Butylbenzene	Not detected	ug/kg	50	5035/8260B	04/27/05 22:34	JGH	104-51-8	
sec-Butylbenzene	Not detected	ug/kg	50	5035/8260B	04/27/05 22:34	JGH	135-98-8	
tert-Butylbenzene	Not detected	ug/kg	50	5035/8260B	04/27/05 22:34	JGH	98-06-6	
Carbon disulfide	Not detected	ug/kg	300	5035/8260B	04/27/05 22:34	JGH	75-15-0	
Carbon tetrachloride	Not detected	ug/kg	50	5035/8260B	04/27/05 22:34	JGH	56-23-5	
Chlorobenzene	Not detected	ug/kg	50	5035/8260B	04/27/05 22:34	JGH	108-90-7	
Chloroethane	Not detected	ug/kg	300	5035/8260B	04/27/05 22:34	JGH	75-00-3	
2-Chloroethylvinyl ether	Not detected	ug/kg	500	5035/8260B	04/27/05 22:34	JGH	110-75-8	
Chloroform	Not detected	ug/kg	50	5035/8260B	04/27/05 22:34	JGH	67-66-3	
Chloromethane	Not detected	ug/kg	300	5035/8260B	04/27/05 22:34	JGH	74-87-3	
Dibromochloromethane	Not detected	ug/kg	50	5035/8260B	04/27/05 22:34	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/kg	50	5035/8260B	04/27/05 22:34	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/kg	50	5035/8260B	04/27/05 22:34	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/kg	50	5035/8260B	04/27/05 22:34	JGH	106-46-7	
1,1-Dichloroethene	Not detected	ug/kg	50	5035/8260B	04/27/05 22:34	JGH	75-35-4	
1,2-Dichloroethane	Not detected	ug/kg	50	5035/8260B	04/27/05 22:34	JGH	107-06-2	
1,1-Dichloroethane	Not detected	ug/kg	50	5035/8260B	04/27/05 22:34	JGH	75-34-3	
cis-1,2-Dichloroethene	Not detected	ug/kg	50	5035/8260B	04/27/05 22:34	JGH	156-59-2	
trans-1,2-Dichloroethene	Not detected	ug/kg	50	5035/8260B	04/27/05 22:34	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/kg	50	5035/8260B	04/27/05 22:34	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/kg	50	5035/8260B	04/27/05 22:34	JGH	10061-01-5	
trans-1,3-Dichloropropene	Not detected	ug/kg	50	5035/8260B	04/27/05 22:34	JGH	10061-02-6	

Lab Sample ID: S21805.07 (continued)

Sample Tag: SO-041305-020

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics OBG (continued)								
Ethylbenzene	Not detected	ug/kg	50	5035/8260B	04/27/05 22:34	JGH	100-41-4	
2-Hexanone	Not detected	ug/kg	3,000	5035/8260B	04/27/05 22:34	JGH	591-78-6	
Isopropylbenzene	Not detected	ug/kg	50	5035/8260B	04/27/05 22:34	JGH	98-82-8	
p-Isopropyltoluene	Not detected	ug/kg	100	5035/8260B	04/27/05 22:34	JGH	99-87-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/kg	3,000	5035/8260B	04/27/05 22:34	JGH	108-10-1	
Methylene chloride	Not detected	ug/kg	300	5035/8260B	04/27/05 22:34	JGH	75-09-2	
tert-Methyl butyl ether (MTBE)	Not detected	ug/kg	300	5035/8260B	04/27/05 22:34	JGH	1634-04-4	
Naphthalene	70	ug/kg	400	5035/8260B	04/27/05 22:34	JGH	91-20-3	J
n-Propylbenzene	Not detected	ug/kg	100	5035/8260B	04/27/05 22:34	JGH	103-65-1	
Styrene	Not detected	ug/kg	50	5035/8260B	04/27/05 22:34	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/kg	50	5035/8260B	04/27/05 22:34	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/kg	50	5035/8260B	04/27/05 22:34	JGH	127-18-4	
Toluene	50	ug/kg	50	5035/8260B	04/27/05 22:34	JGH	108-88-3	J
1,1,1-Trichloroethane	Not detected	ug/kg	50	5035/8260B	04/27/05 22:34	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/kg	50	5035/8260B	04/27/05 22:34	JGH	79-00-5	
Trichloroethene	Not detected	ug/kg	50	5035/8260B	04/27/05 22:34	JGH	79-01-6	
Trichlorofluoromethane	Not detected	ug/kg	100	5035/8260B	04/27/05 22:34	JGH	75-69-4	
1,2,4-Trimethylbenzene	40	ug/kg	100	5035/8260B	04/27/05 22:34	JGH	95-63-6	J
1,3,5-Trimethylbenzene	Not detected	ug/kg	100	5035/8260B	04/27/05 22:34	JGH	108-67-8	
Vinyl chloride	Not detected	ug/kg	100	5035/8260B	04/27/05 22:34	JGH	75-01-4	
o-Xylene	40	ug/kg	50	5035/8260B	04/27/05 22:34	JGH	95-47-6	J
p,m-Xylene	60	ug/kg	50	5035/8260B	04/27/05 22:34	JGH		

J-Estimated value less than reporting limit, but greater than MDL

Analytical Laboratory Report

Lab Sample ID: S21805.08
Sample Tag: SO-041305-021
Collected Date/Time: 04/13/2005 13:30
Matrix: Soil
COC Reference: 04105

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	40 ml Glass	MeOH	Yes	4	3
1	4oz. Glass	None	Yes	4	3

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Lead, Fine and Coarse Digestion	Completed				04/28/05 12:00	PER		
Lead, Fine and Coarse Prep	Completed			3050B	04/19/05 09:00	JRT		
Metal Digestion	Completed			3050B	04/28/05 15:00	MSH		
Metals								
% Coarse by Weight	66.2	%			04/19/05 09:00	JRT		
% Fine by Weight	33.8	%			04/19/05 09:00	JRT		
Total Solids	85	%	1	160.3	04/19/05 09:00	JRT		
Barium	75.7	mg/kg	1.0	6020	05/02/05 18:30	SLS	7440-39-3	
Lead, Coarse	7.24	mg/kg	1.0		05/02/05 18:33	PER		
Lead, Fine	17.4	mg/kg	1.0		05/02/05 17:31	PER		
Organics - Volatiles								
Volatile Organics OBG								
Acetone	Not detected	ug/kg	800	5035/8260B	04/25/05 14:30	JGH	67-64-1	
Benzene	Not detected	ug/kg	50	5035/8260B	04/25/05 14:30	JGH	71-43-2	
Bromodichloromethane	Not detected	ug/kg	50	5035/8260B	04/25/05 14:30	JGH	75-27-4	
Bromoform	Not detected	ug/kg	50	5035/8260B	04/25/05 14:30	JGH	75-25-2	
Bromomethane	Not detected	ug/kg	300	5035/8260B	04/25/05 14:30	JGH	74-83-9	
2-Butanone (MEK)	Not detected	ug/kg	800	5035/8260B	04/25/05 14:30	JGH	78-93-3	
n-Butylbenzene	Not detected	ug/kg	50	5035/8260B	04/25/05 14:30	JGH	104-51-8	
sec-Butylbenzene	Not detected	ug/kg	50	5035/8260B	04/25/05 14:30	JGH	135-98-8	
tert-Butylbenzene	Not detected	ug/kg	50	5035/8260B	04/25/05 14:30	JGH	98-06-6	
Carbon disulfide	Not detected	ug/kg	300	5035/8260B	04/25/05 14:30	JGH	75-15-0	
Carbon tetrachloride	Not detected	ug/kg	50	5035/8260B	04/25/05 14:30	JGH	56-23-5	
Chlorobenzene	Not detected	ug/kg	50	5035/8260B	04/25/05 14:30	JGH	108-90-7	
Chloroethane	Not detected	ug/kg	300	5035/8260B	04/25/05 14:30	JGH	75-00-3	
2-Chloroethylvinyl ether	Not detected	ug/kg	500	5035/8260B	04/25/05 14:30	JGH	110-75-8	
Chloroform	Not detected	ug/kg	50	5035/8260B	04/25/05 14:30	JGH	67-66-3	
Chloromethane	Not detected	ug/kg	300	5035/8260B	04/25/05 14:30	JGH	74-87-3	
Dibromochloromethane	Not detected	ug/kg	50	5035/8260B	04/25/05 14:30	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/kg	50	5035/8260B	04/25/05 14:30	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/kg	50	5035/8260B	04/25/05 14:30	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/kg	50	5035/8260B	04/25/05 14:30	JGH	106-46-7	
1,1-Dichloroethene	Not detected	ug/kg	50	5035/8260B	04/25/05 14:30	JGH	75-35-4	
1,2-Dichloroethane	Not detected	ug/kg	50	5035/8260B	04/25/05 14:30	JGH	107-06-2	
1,1-Dichloroethane	Not detected	ug/kg	50	5035/8260B	04/25/05 14:30	JGH	75-34-3	
cis-1,2-Dichloroethene	Not detected	ug/kg	50	5035/8260B	04/25/05 14:30	JGH	156-59-2	
trans-1,2-Dichloroethene	Not detected	ug/kg	50	5035/8260B	04/25/05 14:30	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/kg	50	5035/8260B	04/25/05 14:30	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/kg	50	5035/8260B	04/25/05 14:30	JGH	10061-01-5	
trans-1,3-Dichloropropene	Not detected	ug/kg	50	5035/8260B	04/25/05 14:30	JGH	10061-02-6	

Lab Sample ID: S21805.08 (continued)

Sample Tag: SO-041305-021

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics OBG (continued)								
Ethylbenzene	Not detected	ug/kg	50	5035/8260B	04/25/05 14:30	JGH	100-41-4	
2-Hexanone	Not detected	ug/kg	3,000	5035/8260B	04/25/05 14:30	JGH	591-78-6	
Isopropylbenzene	Not detected	ug/kg	50	5035/8260B	04/25/05 14:30	JGH	98-82-8	
p-Isopropyltoluene	Not detected	ug/kg	100	5035/8260B	04/25/05 14:30	JGH	99-87-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/kg	3,000	5035/8260B	04/25/05 14:30	JGH	108-10-1	
Methylene chloride	Not detected	ug/kg	300	5035/8260B	04/25/05 14:30	JGH	75-09-2	
tert-Methyl butyl ether (MTBE)	Not detected	ug/kg	300	5035/8260B	04/25/05 14:30	JGH	1634-04-4	
Naphthalene	Not detected	ug/kg	300	5035/8260B	04/25/05 14:30	JGH	91-20-3	
n-Propylbenzene	Not detected	ug/kg	100	5035/8260B	04/25/05 14:30	JGH	103-65-1	
Styrene	Not detected	ug/kg	50	5035/8260B	04/25/05 14:30	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/kg	50	5035/8260B	04/25/05 14:30	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/kg	50	5035/8260B	04/25/05 14:30	JGH	127-18-4	
Toluene	20	ug/kg	50	5035/8260B	04/25/05 14:30	JGH	108-88-3	J
1,1,1-Trichloroethane	Not detected	ug/kg	50	5035/8260B	04/25/05 14:30	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/kg	50	5035/8260B	04/25/05 14:30	JGH	79-00-5	
Trichloroethene	Not detected	ug/kg	50	5035/8260B	04/25/05 14:30	JGH	79-01-6	
Trichlorofluoromethane	Not detected	ug/kg	100	5035/8260B	04/25/05 14:30	JGH	75-69-4	
1,2,4-Trimethylbenzene	Not detected	ug/kg	100	5035/8260B	04/25/05 14:30	JGH	95-63-6	
1,3,5-Trimethylbenzene	Not detected	ug/kg	100	5035/8260B	04/25/05 14:30	JGH	108-67-8	
Vinyl chloride	Not detected	ug/kg	100	5035/8260B	04/25/05 14:30	JGH	75-01-4	
o-Xylene	Not detected	ug/kg	50	5035/8260B	04/25/05 14:30	JGH	95-47-6	
p,m-Xylene	Not detected	ug/kg	50	5035/8260B	04/25/05 14:30	JGH		

J-Estimated value less than reporting limit, but greater than MDL

Lab Sample ID: S21805.09
Sample Tag: SO-041305-022 Field Duplicate
Collected Date/Time: 04/13/2005 :
Matrix: Soil
COC Reference: 04105

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	40 ml Glass	MeOH	Yes	4	3
1	4oz. Glass	None	Yes	4	3

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Lead, Fine and Coarse Digestion	Completed				04/28/05 12:00	PER		
Lead, Fine and Coarse Prep	Completed			3050B	04/19/05 09:00	JRT		
Metal Digestion	Completed			3050B	04/28/05 15:00	MSH		
Metals								
% Coarse by Weight	70.8	%			04/19/05 09:00	JRT		
% Fine by Weight	29.2	%			04/19/05 09:00	JRT		
Total Solids	88	%	1	160.3	04/19/05 09:00	JRT		
Barium	44.8	mg/kg	1.0	6020	05/02/05 18:32	SLS	7440-39-3	
Lead, Coarse	6.70	mg/kg	1.0		05/02/05 18:34	PER		
Lead, Fine	12.0	mg/kg	1.0		05/02/05 17:32	PER		
Organics - Volatiles								
Volatile Organics OBG								
Acetone	Not detected	ug/kg	800	5035/8260B	04/25/05 15:03	JGH	67-64-1	
Benzene	Not detected	ug/kg	50	5035/8260B	04/25/05 15:03	JGH	71-43-2	
Bromodichloromethane	Not detected	ug/kg	50	5035/8260B	04/25/05 15:03	JGH	75-27-4	
Bromoform	Not detected	ug/kg	50	5035/8260B	04/25/05 15:03	JGH	75-25-2	
Bromomethane	Not detected	ug/kg	300	5035/8260B	04/25/05 15:03	JGH	74-83-9	
2-Butanone (MEK)	Not detected	ug/kg	800	5035/8260B	04/25/05 15:03	JGH	78-93-3	
n-Butylbenzene	Not detected	ug/kg	50	5035/8260B	04/25/05 15:03	JGH	104-51-8	
sec-Butylbenzene	Not detected	ug/kg	50	5035/8260B	04/25/05 15:03	JGH	135-98-8	
tert-Butylbenzene	Not detected	ug/kg	50	5035/8260B	04/25/05 15:03	JGH	98-06-6	
Carbon disulfide	Not detected	ug/kg	300	5035/8260B	04/25/05 15:03	JGH	75-15-0	
Carbon tetrachloride	Not detected	ug/kg	50	5035/8260B	04/25/05 15:03	JGH	56-23-5	
Chlorobenzene	Not detected	ug/kg	50	5035/8260B	04/25/05 15:03	JGH	108-90-7	
Chloroethane	Not detected	ug/kg	300	5035/8260B	04/25/05 15:03	JGH	75-00-3	
2-Chloroethylvinyl ether	Not detected	ug/kg	500	5035/8260B	04/25/05 15:03	JGH	110-75-8	
Chloroform	Not detected	ug/kg	50	5035/8260B	04/25/05 15:03	JGH	67-66-3	
Chloromethane	Not detected	ug/kg	300	5035/8260B	04/25/05 15:03	JGH	74-87-3	
Dibromochloromethane	Not detected	ug/kg	50	5035/8260B	04/25/05 15:03	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/kg	50	5035/8260B	04/25/05 15:03	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/kg	50	5035/8260B	04/25/05 15:03	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/kg	50	5035/8260B	04/25/05 15:03	JGH	106-46-7	
1,1-Dichloroethene	Not detected	ug/kg	50	5035/8260B	04/25/05 15:03	JGH	75-35-4	
1,2-Dichloroethane	Not detected	ug/kg	50	5035/8260B	04/25/05 15:03	JGH	107-06-2	
1,1-Dichloroethane	Not detected	ug/kg	50	5035/8260B	04/25/05 15:03	JGH	75-34-3	
cis-1,2-Dichloroethene	Not detected	ug/kg	50	5035/8260B	04/25/05 15:03	JGH	156-59-2	
trans-1,2-Dichloroethene	Not detected	ug/kg	50	5035/8260B	04/25/05 15:03	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/kg	50	5035/8260B	04/25/05 15:03	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/kg	50	5035/8260B	04/25/05 15:03	JGH	10061-01-5	
trans-1,3-Dichloropropene	Not detected	ug/kg	50	5035/8260B	04/25/05 15:03	JGH	10061-02-6	

Lab Sample ID: S21805.09 (continued)

Sample Tag: SO-041305-022 Field Duplicate

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics OBG (continued)								
Ethylbenzene	Not detected	ug/kg	50	5035/8260B	04/25/05 15:03	JGH	100-41-4	
2-Hexanone	Not detected	ug/kg	3,000	5035/8260B	04/25/05 15:03	JGH	591-78-6	
Isopropylbenzene	Not detected	ug/kg	50	5035/8260B	04/25/05 15:03	JGH	98-82-8	
p-Isopropyltoluene	Not detected	ug/kg	100	5035/8260B	04/25/05 15:03	JGH	99-87-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/kg	3,000	5035/8260B	04/25/05 15:03	JGH	108-10-1	
Methylene chloride	Not detected	ug/kg	300	5035/8260B	04/25/05 15:03	JGH	75-09-2	
tert-Methyl butyl ether (MTBE)	Not detected	ug/kg	300	5035/8260B	04/25/05 15:03	JGH	1634-04-4	
Naphthalene	Not detected	ug/kg	300	5035/8260B	04/25/05 15:03	JGH	91-20-3	
n-Propylbenzene	Not detected	ug/kg	100	5035/8260B	04/25/05 15:03	JGH	103-65-1	
Styrene	Not detected	ug/kg	50	5035/8260B	04/25/05 15:03	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/kg	50	5035/8260B	04/25/05 15:03	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/kg	50	5035/8260B	04/25/05 15:03	JGH	127-18-4	
Toluene	Not detected	ug/kg	50	5035/8260B	04/25/05 15:03	JGH	108-88-3	
1,1,1-Trichloroethane	Not detected	ug/kg	50	5035/8260B	04/25/05 15:03	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/kg	50	5035/8260B	04/25/05 15:03	JGH	79-00-5	
Trichloroethene	Not detected	ug/kg	50	5035/8260B	04/25/05 15:03	JGH	79-01-6	
Trichlorofluoromethane	Not detected	ug/kg	100	5035/8260B	04/25/05 15:03	JGH	75-69-4	
1,2,4-Trimethylbenzene	Not detected	ug/kg	100	5035/8260B	04/25/05 15:03	JGH	95-63-6	
1,3,5-Trimethylbenzene	Not detected	ug/kg	100	5035/8260B	04/25/05 15:03	JGH	108-67-8	
Vinyl chloride	Not detected	ug/kg	100	5035/8260B	04/25/05 15:03	JGH	75-01-4	
o-Xylene	Not detected	ug/kg	50	5035/8260B	04/25/05 15:03	JGH	95-47-6	
p,m-Xylene	Not detected	ug/kg	50	5035/8260B	04/25/05 15:03	JGH		

Analytical Laboratory Report

Lab Sample ID: S21805.10
Sample Tag: SO-041305-023
Collected Date/Time: 04/13/2005 14:00
Matrix: Soil
COC Reference: 04105

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	40 ml Glass	MeOH	Yes	4	3
1	4oz. Glass	None	Yes	4	3

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Lead, Fine and Coarse Digestion	Completed				04/28/05 12:00	PER		
Lead, Fine and Coarse Prep	Completed			3050B	04/19/05 09:00	JRT		
Metal Digestion	Completed			3050B	04/28/05 15:00	MSH		
Metals								
% Coarse by Weight	78.6	%			04/19/05 09:00	JRT		
% Fine by Weight	21.4	%			04/19/05 09:00	JRT		
Total Solids	77	%	1	160.3	04/19/05 09:00	JRT		
Barium	76.1	mg/kg	1.0	6020	05/02/05 18:37	SLS	7440-39-3	
Lead, Coarse	9.74	mg/kg	1.0		05/02/05 18:35	PER		
Lead, Fine	27.6	mg/kg	1.0		05/02/05 17:33	PER		
Organics - Volatiles								
Volatile Organics OBG								
Acetone	Not detected	ug/kg	800	5035/8260B	04/25/05 15:35	JGH	67-64-1	
Benzene	Not detected	ug/kg	60	5035/8260B	04/25/05 15:35	JGH	71-43-2	
Bromodichloromethane	Not detected	ug/kg	60	5035/8260B	04/25/05 15:35	JGH	75-27-4	
Bromoform	Not detected	ug/kg	60	5035/8260B	04/25/05 15:35	JGH	75-25-2	
Bromomethane	Not detected	ug/kg	300	5035/8260B	04/25/05 15:35	JGH	74-83-9	
2-Butanone (MEK)	Not detected	ug/kg	800	5035/8260B	04/25/05 15:35	JGH	78-93-3	
n-Butylbenzene	Not detected	ug/kg	60	5035/8260B	04/25/05 15:35	JGH	104-51-8	
sec-Butylbenzene	Not detected	ug/kg	60	5035/8260B	04/25/05 15:35	JGH	135-98-8	
tert-Butylbenzene	Not detected	ug/kg	60	5035/8260B	04/25/05 15:35	JGH	98-06-6	
Carbon disulfide	Not detected	ug/kg	300	5035/8260B	04/25/05 15:35	JGH	75-15-0	
Carbon tetrachloride	Not detected	ug/kg	60	5035/8260B	04/25/05 15:35	JGH	56-23-5	
Chlorobenzene	Not detected	ug/kg	60	5035/8260B	04/25/05 15:35	JGH	108-90-7	
Chloroethane	Not detected	ug/kg	300	5035/8260B	04/25/05 15:35	JGH	75-00-3	
2-Chloroethylvinyl ether	Not detected	ug/kg	600	5035/8260B	04/25/05 15:35	JGH	110-75-8	
Chloroform	Not detected	ug/kg	60	5035/8260B	04/25/05 15:35	JGH	67-66-3	
Chloromethane	Not detected	ug/kg	300	5035/8260B	04/25/05 15:35	JGH	74-87-3	
Dibromochloromethane	Not detected	ug/kg	60	5035/8260B	04/25/05 15:35	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/kg	60	5035/8260B	04/25/05 15:35	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/kg	60	5035/8260B	04/25/05 15:35	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/kg	60	5035/8260B	04/25/05 15:35	JGH	106-46-7	
1,1-Dichloroethene	Not detected	ug/kg	60	5035/8260B	04/25/05 15:35	JGH	75-35-4	
1,2-Dichloroethane	Not detected	ug/kg	60	5035/8260B	04/25/05 15:35	JGH	107-06-2	
1,1-Dichloroethane	Not detected	ug/kg	60	5035/8260B	04/25/05 15:35	JGH	75-34-3	
cis-1,2-Dichloroethene	Not detected	ug/kg	60	5035/8260B	04/25/05 15:35	JGH	156-59-2	
trans-1,2-Dichloroethene	Not detected	ug/kg	60	5035/8260B	04/25/05 15:35	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/kg	60	5035/8260B	04/25/05 15:35	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/kg	60	5035/8260B	04/25/05 15:35	JGH	10061-01-5	
trans-1,3-Dichloropropene	Not detected	ug/kg	60	5035/8260B	04/25/05 15:35	JGH	10061-02-6	

Lab Sample ID: S21805.10 (continued)

Sample Tag: SO-041305-023

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics OBG (continued)								
Ethylbenzene	Not detected	ug/kg	60	5035/8260B	04/25/05 15:35	JGH	100-41-4	
2-Hexanone	Not detected	ug/kg	3,000	5035/8260B	04/25/05 15:35	JGH	591-78-6	
Isopropylbenzene	Not detected	ug/kg	60	5035/8260B	04/25/05 15:35	JGH	98-82-8	
p-Isopropyltoluene	Not detected	ug/kg	100	5035/8260B	04/25/05 15:35	JGH	99-87-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/kg	3,000	5035/8260B	04/25/05 15:35	JGH	108-10-1	
Methylene chloride	Not detected	ug/kg	300	5035/8260B	04/25/05 15:35	JGH	75-09-2	
tert-Methyl butyl ether (MTBE)	Not detected	ug/kg	300	5035/8260B	04/25/05 15:35	JGH	1634-04-4	
Naphthalene	Not detected	ug/kg	400	5035/8260B	04/25/05 15:35	JGH	91-20-3	
n-Propylbenzene	Not detected	ug/kg	100	5035/8260B	04/25/05 15:35	JGH	103-65-1	
Styrene	Not detected	ug/kg	60	5035/8260B	04/25/05 15:35	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/kg	60	5035/8260B	04/25/05 15:35	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/kg	60	5035/8260B	04/25/05 15:35	JGH	127-18-4	
Toluene	Not detected	ug/kg	60	5035/8260B	04/25/05 15:35	JGH	108-88-3	
1,1,1-Trichloroethane	Not detected	ug/kg	60	5035/8260B	04/25/05 15:35	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/kg	60	5035/8260B	04/25/05 15:35	JGH	79-00-5	
Trichloroethene	Not detected	ug/kg	60	5035/8260B	04/25/05 15:35	JGH	79-01-6	
Trichlorofluoromethane	Not detected	ug/kg	100	5035/8260B	04/25/05 15:35	JGH	75-69-4	
1,2,4-Trimethylbenzene	Not detected	ug/kg	100	5035/8260B	04/25/05 15:35	JGH	95-63-6	
1,3,5-Trimethylbenzene	Not detected	ug/kg	100	5035/8260B	04/25/05 15:35	JGH	108-67-8	
Vinyl chloride	Not detected	ug/kg	100	5035/8260B	04/25/05 15:35	JGH	75-01-4	
o-Xylene	Not detected	ug/kg	60	5035/8260B	04/25/05 15:35	JGH	95-47-6	
p,m-Xylene	Not detected	ug/kg	60	5035/8260B	04/25/05 15:35	JGH		

Analytical Laboratory Report

Lab Sample ID: S21805.11
Sample Tag: SO-041305-024
Collected Date/Time: 04/13/2005 15:00
Matrix: Soil
COC Reference: 04105

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	40 ml Glass	MeOH	Yes	4	3
1	4oz. Glass	None	Yes	4	3

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Lead, Fine and Coarse Digestion	Completed				04/28/05 12:00	PER		
Lead, Fine and Coarse Prep	Completed			3050B	04/19/05 09:00	JRT		
Metal Digestion	Completed			3050B	04/28/05 15:00	MSH		
Metals								
% Coarse by Weight	88.4	%			04/19/05 09:00	JRT		
% Fine by Weight	11.6	%			04/19/05 09:00	JRT		
Total Solids	80	%	1	160.3	04/19/05 09:00	JRT		
Barium	53.5	mg/kg	1.0	6020	05/02/05 18:39	SLS	7440-39-3	
Lead, Coarse	6.66	mg/kg	1.0		05/02/05 18:36	PER		
Lead, Fine	30.9	mg/kg	1.0		05/02/05 17:34	PER		
Organics - Volatiles								
Volatile Organics OBG								
Acetone	Not detected	ug/kg	800	5035/8260B	04/25/05 16:08	JGH	67-64-1	
Benzene	Not detected	ug/kg	60	5035/8260B	04/25/05 16:08	JGH	71-43-2	
Bromodichloromethane	Not detected	ug/kg	60	5035/8260B	04/25/05 16:08	JGH	75-27-4	
Bromoform	Not detected	ug/kg	60	5035/8260B	04/25/05 16:08	JGH	75-25-2	
Bromomethane	Not detected	ug/kg	300	5035/8260B	04/25/05 16:08	JGH	74-83-9	
2-Butanone (MEK)	Not detected	ug/kg	800	5035/8260B	04/25/05 16:08	JGH	78-93-3	
n-Butylbenzene	Not detected	ug/kg	60	5035/8260B	04/25/05 16:08	JGH	104-51-8	
sec-Butylbenzene	Not detected	ug/kg	60	5035/8260B	04/25/05 16:08	JGH	135-98-8	
tert-Butylbenzene	Not detected	ug/kg	60	5035/8260B	04/25/05 16:08	JGH	98-06-6	
Carbon disulfide	Not detected	ug/kg	300	5035/8260B	04/25/05 16:08	JGH	75-15-0	
Carbon tetrachloride	Not detected	ug/kg	60	5035/8260B	04/25/05 16:08	JGH	56-23-5	
Chlorobenzene	Not detected	ug/kg	60	5035/8260B	04/25/05 16:08	JGH	108-90-7	
Chloroethane	Not detected	ug/kg	300	5035/8260B	04/25/05 16:08	JGH	75-00-3	
2-Chloroethylvinyl ether	Not detected	ug/kg	600	5035/8260B	04/25/05 16:08	JGH	110-75-8	
Chloroform	Not detected	ug/kg	60	5035/8260B	04/25/05 16:08	JGH	67-66-3	
Chloromethane	Not detected	ug/kg	300	5035/8260B	04/25/05 16:08	JGH	74-87-3	
Dibromochloromethane	Not detected	ug/kg	60	5035/8260B	04/25/05 16:08	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/kg	60	5035/8260B	04/25/05 16:08	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/kg	60	5035/8260B	04/25/05 16:08	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/kg	60	5035/8260B	04/25/05 16:08	JGH	106-46-7	
1,1-Dichloroethene	Not detected	ug/kg	60	5035/8260B	04/25/05 16:08	JGH	75-35-4	
1,2-Dichloroethane	Not detected	ug/kg	60	5035/8260B	04/25/05 16:08	JGH	107-06-2	
1,1-Dichloroethane	Not detected	ug/kg	60	5035/8260B	04/25/05 16:08	JGH	75-34-3	
cis-1,2-Dichloroethene	Not detected	ug/kg	60	5035/8260B	04/25/05 16:08	JGH	156-59-2	
trans-1,2-Dichloroethene	Not detected	ug/kg	60	5035/8260B	04/25/05 16:08	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/kg	60	5035/8260B	04/25/05 16:08	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/kg	60	5035/8260B	04/25/05 16:08	JGH	10061-01-5	
trans-1,3-Dichloropropene	Not detected	ug/kg	60	5035/8260B	04/25/05 16:08	JGH	10061-02-6	

Lab Sample ID: S21805.11 (continued)

Sample Tag: SO-041305-024

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics OBG (continued)								
Ethylbenzene	Not detected	ug/kg	60	5035/8260B	04/25/05 16:08	JGH	100-41-4	
2-Hexanone	Not detected	ug/kg	3,000	5035/8260B	04/25/05 16:08	JGH	591-78-6	
Isopropylbenzene	Not detected	ug/kg	60	5035/8260B	04/25/05 16:08	JGH	98-82-8	
p-Isopropyltoluene	Not detected	ug/kg	100	5035/8260B	04/25/05 16:08	JGH	99-87-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/kg	3,000	5035/8260B	04/25/05 16:08	JGH	108-10-1	
Methylene chloride	Not detected	ug/kg	300	5035/8260B	04/25/05 16:08	JGH	75-09-2	
tert-Methyl butyl ether (MTBE)	Not detected	ug/kg	300	5035/8260B	04/25/05 16:08	JGH	1634-04-4	
Naphthalene	Not detected	ug/kg	400	5035/8260B	04/25/05 16:08	JGH	91-20-3	
n-Propylbenzene	Not detected	ug/kg	100	5035/8260B	04/25/05 16:08	JGH	103-65-1	
Styrene	Not detected	ug/kg	60	5035/8260B	04/25/05 16:08	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/kg	60	5035/8260B	04/25/05 16:08	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/kg	60	5035/8260B	04/25/05 16:08	JGH	127-18-4	
Toluene	30	ug/kg	60	5035/8260B	04/25/05 16:08	JGH	108-88-3	J
1,1,1-Trichloroethane	Not detected	ug/kg	60	5035/8260B	04/25/05 16:08	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/kg	60	5035/8260B	04/25/05 16:08	JGH	79-00-5	
Trichloroethene	Not detected	ug/kg	60	5035/8260B	04/25/05 16:08	JGH	79-01-6	
Trichlorofluoromethane	Not detected	ug/kg	100	5035/8260B	04/25/05 16:08	JGH	75-69-4	
1,2,4-Trimethylbenzene	Not detected	ug/kg	100	5035/8260B	04/25/05 16:08	JGH	95-63-6	
1,3,5-Trimethylbenzene	Not detected	ug/kg	100	5035/8260B	04/25/05 16:08	JGH	108-67-8	
Vinyl chloride	Not detected	ug/kg	100	5035/8260B	04/25/05 16:08	JGH	75-01-4	
o-Xylene	Not detected	ug/kg	60	5035/8260B	04/25/05 16:08	JGH	95-47-6	
p,m-Xylene	Not detected	ug/kg	60	5035/8260B	04/25/05 16:08	JGH		

J-Estimated value less than reporting limit, but greater than MDL

Analytical Laboratory Report

Lab Sample ID: S21805.12
Sample Tag: SO-041305-025
Collected Date/Time: 04/13/2005 16:00
Matrix: Soil
COC Reference: 04105

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	40 ml Glass	MeOH	Yes	4	3
1	4oz. Glass	None	Yes	4	3

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Lead, Fine and Coarse Digestion	Completed				04/28/05 12:00	PER		
Lead, Fine and Coarse Prep	Completed			3050B	04/19/05 09:00	JRT		
Metal Digestion	Completed			3050B	04/28/05 15:00	MSH		
Metals								
% Coarse by Weight	31.6	%			04/19/05 09:00	JRT		
% Fine by Weight	68.4	%			04/19/05 09:00	JRT		
Total Solids	85	%	1	160.3	04/19/05 09:00	JRT		
Barium	8.7	mg/kg	1.0	6020	05/02/05 18:41	SLS	7440-39-3	
Lead, Coarse	2.91	mg/kg	1.0		05/02/05 18:37	PER		
Lead, Fine	11.1	mg/kg	1.0		05/02/05 17:35	PER		
Organics - Volatiles								
Volatile Organics OBG								
Acetone	Not detected	ug/kg	800	5035/8260B	04/25/05 16:41	JGH	67-64-1	
Benzene	Not detected	ug/kg	50	5035/8260B	04/25/05 16:41	JGH	71-43-2	
Bromodichloromethane	Not detected	ug/kg	50	5035/8260B	04/25/05 16:41	JGH	75-27-4	
Bromoform	Not detected	ug/kg	50	5035/8260B	04/25/05 16:41	JGH	75-25-2	
Bromomethane	Not detected	ug/kg	300	5035/8260B	04/25/05 16:41	JGH	74-83-9	
2-Butanone (MEK)	Not detected	ug/kg	800	5035/8260B	04/25/05 16:41	JGH	78-93-3	
n-Butylbenzene	Not detected	ug/kg	50	5035/8260B	04/25/05 16:41	JGH	104-51-8	
sec-Butylbenzene	Not detected	ug/kg	50	5035/8260B	04/25/05 16:41	JGH	135-98-8	
tert-Butylbenzene	Not detected	ug/kg	50	5035/8260B	04/25/05 16:41	JGH	98-06-6	
Carbon disulfide	Not detected	ug/kg	300	5035/8260B	04/25/05 16:41	JGH	75-15-0	
Carbon tetrachloride	Not detected	ug/kg	50	5035/8260B	04/25/05 16:41	JGH	56-23-5	
Chlorobenzene	Not detected	ug/kg	50	5035/8260B	04/25/05 16:41	JGH	108-90-7	
Chloroethane	Not detected	ug/kg	300	5035/8260B	04/25/05 16:41	JGH	75-00-3	
2-Chloroethylvinyl ether	Not detected	ug/kg	500	5035/8260B	04/25/05 16:41	JGH	110-75-8	
Chloroform	Not detected	ug/kg	50	5035/8260B	04/25/05 16:41	JGH	67-66-3	
Chloromethane	Not detected	ug/kg	300	5035/8260B	04/25/05 16:41	JGH	74-87-3	
Dibromochloromethane	Not detected	ug/kg	50	5035/8260B	04/25/05 16:41	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/kg	50	5035/8260B	04/25/05 16:41	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/kg	50	5035/8260B	04/25/05 16:41	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/kg	50	5035/8260B	04/25/05 16:41	JGH	106-46-7	
1,1-Dichloroethene	Not detected	ug/kg	50	5035/8260B	04/25/05 16:41	JGH	75-35-4	
1,2-Dichloroethane	Not detected	ug/kg	50	5035/8260B	04/25/05 16:41	JGH	107-06-2	
1,1-Dichloroethane	Not detected	ug/kg	50	5035/8260B	04/25/05 16:41	JGH	75-34-3	
cis-1,2-Dichloroethene	Not detected	ug/kg	50	5035/8260B	04/25/05 16:41	JGH	156-59-2	
trans-1,2-Dichloroethene	Not detected	ug/kg	50	5035/8260B	04/25/05 16:41	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/kg	50	5035/8260B	04/25/05 16:41	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/kg	50	5035/8260B	04/25/05 16:41	JGH	10061-01-5	
trans-1,3-Dichloropropene	Not detected	ug/kg	50	5035/8260B	04/25/05 16:41	JGH	10061-02-6	

Lab Sample ID: S21805.12 (continued)

Sample Tag: SO-041305-025

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics OBG (continued)								
Ethylbenzene	Not detected	ug/kg	50	5035/8260B	04/25/05 16:41	JGH	100-41-4	
2-Hexanone	Not detected	ug/kg	3,000	5035/8260B	04/25/05 16:41	JGH	591-78-6	
Isopropylbenzene	Not detected	ug/kg	50	5035/8260B	04/25/05 16:41	JGH	98-82-8	
p-Isopropyltoluene	Not detected	ug/kg	100	5035/8260B	04/25/05 16:41	JGH	99-87-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/kg	3,000	5035/8260B	04/25/05 16:41	JGH	108-10-1	
Methylene chloride	Not detected	ug/kg	300	5035/8260B	04/25/05 16:41	JGH	75-09-2	
tert-Methyl butyl ether (MTBE)	Not detected	ug/kg	300	5035/8260B	04/25/05 16:41	JGH	1634-04-4	
Naphthalene	Not detected	ug/kg	300	5035/8260B	04/25/05 16:41	JGH	91-20-3	
n-Propylbenzene	Not detected	ug/kg	100	5035/8260B	04/25/05 16:41	JGH	103-65-1	
Styrene	Not detected	ug/kg	50	5035/8260B	04/25/05 16:41	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/kg	50	5035/8260B	04/25/05 16:41	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/kg	50	5035/8260B	04/25/05 16:41	JGH	127-18-4	
Toluene	50	ug/kg	50	5035/8260B	04/25/05 16:41	JGH	108-88-3	
1,1,1-Trichloroethane	Not detected	ug/kg	50	5035/8260B	04/25/05 16:41	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/kg	50	5035/8260B	04/25/05 16:41	JGH	79-00-5	
Trichloroethene	Not detected	ug/kg	50	5035/8260B	04/25/05 16:41	JGH	79-01-6	
Trichlorofluoromethane	Not detected	ug/kg	100	5035/8260B	04/25/05 16:41	JGH	75-69-4	
1,2,4-Trimethylbenzene	Not detected	ug/kg	100	5035/8260B	04/25/05 16:41	JGH	95-63-6	
1,3,5-Trimethylbenzene	Not detected	ug/kg	100	5035/8260B	04/25/05 16:41	JGH	108-67-8	
Vinyl chloride	Not detected	ug/kg	100	5035/8260B	04/25/05 16:41	JGH	75-01-4	
o-Xylene	Not detected	ug/kg	50	5035/8260B	04/25/05 16:41	JGH	95-47-6	
p,m-Xylene	Not detected	ug/kg	50	5035/8260B	04/25/05 16:41	JGH		

Analytical Laboratory Report

Lab Sample ID: S21805.13
Sample Tag: FB-041305
Collected Date/Time: 04/13/2005 17:00
Matrix: Water Quality
COC Reference: 04105

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	40 ml Glass	HCL	Yes	4	3
1	125ml Plastic	HNO3	Yes	4	3

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Metal Digestion	Completed			3015A	05/02/05 12:00	PER		
Metals								
Barium	Not detected	mg/L	0.010	200.8	05/02/05 20:14	PER	7440-39-3	
Lead	Not detected	mg/L	0.003	200.8	05/02/05 20:14	PER	7439-92-1	
Organics - Volatiles								
Volatile Organics OBG Water								
Acetone	4	ug/L	30	8260B	04/24/05 06:58	JGH	67-64-1	J
Benzene	Not detected	ug/L	1	8260B	04/24/05 06:58	JGH	71-43-2	
Bromodichloromethane	Not detected	ug/L	1	8260B	04/24/05 06:58	JGH	75-27-4	
Bromoform	Not detected	ug/L	1	8260B	04/24/05 06:58	JGH	75-25-2	
Bromomethane	Not detected	ug/L	2	8260B	04/24/05 06:58	JGH	74-83-9	
2-Butanone (MEK)	Not detected	ug/L	30	8260B	04/24/05 06:58	JGH	78-93-3	
n-Butylbenzene	Not detected	ug/L	1	8260B	04/24/05 06:58	JGH	104-51-8	
sec-Butylbenzene	Not detected	ug/L	1	8260B	04/24/05 06:58	JGH	135-98-8	
tert-Butylbenzene	Not detected	ug/L	1	8260B	04/24/05 06:58	JGH	98-06-6	
Carbon disulfide	Not detected	ug/L	5	8260B	04/24/05 06:58	JGH	75-15-0	
Carbon tetrachloride	Not detected	ug/L	1	8260B	04/24/05 06:58	JGH	56-23-5	
Chlorobenzene	Not detected	ug/L	1	8260B	04/24/05 06:58	JGH	108-90-7	
Chloroethane	Not detected	ug/L	1	8260B	04/24/05 06:58	JGH	75-00-3	
2-Chloroethylvinyl ether	Not detected	ug/L	10	8260B	04/24/05 06:58	JGH	110-75-8	
Chloroform	0.6	ug/L	1	8260B	04/24/05 06:58	JGH	67-66-3	J
Chloromethane	Not detected	ug/L	1	8260B	04/24/05 06:58	JGH	74-87-3	
Dibromochloromethane	Not detected	ug/L	1	8260B	04/24/05 06:58	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/L	1	8260B	04/24/05 06:58	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/L	1	8260B	04/24/05 06:58	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/L	1	8260B	04/24/05 06:58	JGH	106-46-7	
1,1-Dichloroethene	Not detected	ug/L	1	8260B	04/24/05 06:58	JGH	75-35-4	
1,2-Dichloroethane	Not detected	ug/L	1	8260B	04/24/05 06:58	JGH	107-06-2	
1,1-Dichloroethane	Not detected	ug/L	1	8260B	04/24/05 06:58	JGH	75-34-3	
cis-1,2-Dichloroethene	Not detected	ug/L	1	8260B	04/24/05 06:58	JGH	156-59-2	
trans-1,2-Dichloroethene	Not detected	ug/L	1	8260B	04/24/05 06:58	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/L	1	8260B	04/24/05 06:58	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/L	1	8260B	04/24/05 06:58	JGH	10061-01-5	
trans-1,3-Dichloropropene	Not detected	ug/L	1	8260B	04/24/05 06:58	JGH	10061-02-6	
Ethylbenzene	Not detected	ug/L	1	8260B	04/24/05 06:58	JGH	100-41-4	
2-Hexanone	Not detected	ug/L	50	8260B	04/24/05 06:58	JGH	591-78-6	
Isopropylbenzene	Not detected	ug/L	1	8260B	04/24/05 06:58	JGH	98-82-8	
p-Isopropyltoluene	Not detected	ug/L	5	8260B	04/24/05 06:58	JGH	99-87-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/L	1	8260B	04/24/05 06:58	JGH	108-10-1	

J-Estimated value less than reporting limit, but greater than MDL

Lab Sample ID: S21805.13 (continued)

Sample Tag: FB-041305

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics OBG Water (continued)								
Methylene chloride	Not detected	ug/L	5	8260B	04/24/05 06:58	JGH	75-09-2	
tert-Methyl butyl ether (MTBE)	Not detected	ug/L	5	8260B	04/24/05 06:58	JGH	1634-04-4	
Naphthalene	Not detected	ug/L	5	8260B	04/24/05 06:58	JGH	91-20-3	
n-Propylbenzene	Not detected	ug/L	5	8260B	04/24/05 06:58	JGH	103-65-1	
Styrene	Not detected	ug/L	1	8260B	04/24/05 06:58	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/L	1	8260B	04/24/05 06:58	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/L	1	8260B	04/24/05 06:58	JGH	127-18-4	
Toluene	Not detected	ug/L	1	8260B	04/24/05 06:58	JGH	108-88-3	
1,1,1-Trichloroethane	Not detected	ug/L	1	8260B	04/24/05 06:58	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/L	1	8260B	04/24/05 06:58	JGH	79-00-5	
Trichloroethene	Not detected	ug/L	1	8260B	04/24/05 06:58	JGH	79-01-6	
Trichlorofluoromethane	Not detected	ug/L	1	8260B	04/24/05 06:58	JGH	75-69-4	
1,2,4-Trimethylbenzene	Not detected	ug/L	1	8260B	04/24/05 06:58	JGH	95-63-6	
1,3,5-Trimethylbenzene	Not detected	ug/L	1	8260B	04/24/05 06:58	JGH	108-67-8	
Vinyl chloride	Not detected	ug/L	1	8260B	04/24/05 06:58	JGH	75-01-4	
o-Xylene	Not detected	ug/L	1	8260B	04/24/05 06:58	JGH	95-47-6	
p,m-Xylene	Not detected	ug/L	1	8260B	04/24/05 06:58	JGH		

Analytical Laboratory Report

Lab Sample ID: S21805.14
Sample Tag: EB-041305
Collected Date/Time: 04/13/2005 17:30
Matrix: Water Quality
COC Reference: 04105

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	40 ml Glass	HCL	Yes	4	3
1	125ml Plastic	HNO3	Yes	4	3

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Metal Digestion	Completed			3015A	05/02/05 12:00	PER		
Metals								
Barium	Not detected	mg/L	0.010	200.8	05/02/05 20:15	PER	7440-39-3	
Lead	Not detected	mg/L	0.003	200.8	05/02/05 20:15	PER	7439-92-1	
Organics - Volatiles								
Volatile Organics OBG Water								
Acetone	7	ug/L	30	8260B	04/24/05 07:31	JGH	67-64-1	J
Benzene	Not detected	ug/L	1	8260B	04/24/05 07:31	JGH	71-43-2	
Bromodichloromethane	Not detected	ug/L	1	8260B	04/24/05 07:31	JGH	75-27-4	
Bromoform	Not detected	ug/L	1	8260B	04/24/05 07:31	JGH	75-25-2	
Bromomethane	Not detected	ug/L	2	8260B	04/24/05 07:31	JGH	74-83-9	
2-Butanone (MEK)	Not detected	ug/L	30	8260B	04/24/05 07:31	JGH	78-93-3	
n-Butylbenzene	Not detected	ug/L	1	8260B	04/24/05 07:31	JGH	104-51-8	
sec-Butylbenzene	Not detected	ug/L	1	8260B	04/24/05 07:31	JGH	135-98-8	
tert-Butylbenzene	Not detected	ug/L	1	8260B	04/24/05 07:31	JGH	98-06-6	
Carbon disulfide	Not detected	ug/L	5	8260B	04/24/05 07:31	JGH	75-15-0	
Carbon tetrachloride	Not detected	ug/L	1	8260B	04/24/05 07:31	JGH	56-23-5	
Chlorobenzene	Not detected	ug/L	1	8260B	04/24/05 07:31	JGH	108-90-7	
Chloroethane	Not detected	ug/L	1	8260B	04/24/05 07:31	JGH	75-00-3	
2-Chloroethylvinyl ether	Not detected	ug/L	10	8260B	04/24/05 07:31	JGH	110-75-8	
Chloroform	0.4	ug/L	1	8260B	04/24/05 07:31	JGH	67-66-3	J
Chloromethane	Not detected	ug/L	1	8260B	04/24/05 07:31	JGH	74-87-3	
Dibromochloromethane	Not detected	ug/L	1	8260B	04/24/05 07:31	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/L	1	8260B	04/24/05 07:31	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/L	1	8260B	04/24/05 07:31	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/L	1	8260B	04/24/05 07:31	JGH	106-46-7	
1,1-Dichloroethene	Not detected	ug/L	1	8260B	04/24/05 07:31	JGH	75-35-4	
1,2-Dichloroethane	Not detected	ug/L	1	8260B	04/24/05 07:31	JGH	107-06-2	
1,1-Dichloroethane	Not detected	ug/L	1	8260B	04/24/05 07:31	JGH	75-34-3	
cis-1,2-Dichloroethene	Not detected	ug/L	1	8260B	04/24/05 07:31	JGH	156-59-2	
trans-1,2-Dichloroethene	Not detected	ug/L	1	8260B	04/24/05 07:31	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/L	1	8260B	04/24/05 07:31	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/L	1	8260B	04/24/05 07:31	JGH	10061-01-5	
trans-1,3-Dichloropropene	Not detected	ug/L	1	8260B	04/24/05 07:31	JGH	10061-02-6	
Ethylbenzene	Not detected	ug/L	1	8260B	04/24/05 07:31	JGH	100-41-4	
2-Hexanone	Not detected	ug/L	50	8260B	04/24/05 07:31	JGH	591-78-6	
Isopropylbenzene	Not detected	ug/L	1	8260B	04/24/05 07:31	JGH	98-82-8	
p-Isopropyltoluene	Not detected	ug/L	5	8260B	04/24/05 07:31	JGH	99-87-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/L	1	8260B	04/24/05 07:31	JGH	108-10-1	

J-Estimated value less than reporting limit, but greater than MDL

Lab Sample ID: S21805.14 (continued)

Sample Tag: EB-041305

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics OBG Water (continued)								
Methylene chloride	Not detected	ug/L	5	8260B	04/24/05 07:31	JGH	75-09-2	
tert-Methyl butyl ether (MTBE)	Not detected	ug/L	5	8260B	04/24/05 07:31	JGH	1634-04-4	
Naphthalene	Not detected	ug/L	5	8260B	04/24/05 07:31	JGH	91-20-3	
n-Propylbenzene	Not detected	ug/L	5	8260B	04/24/05 07:31	JGH	103-65-1	
Styrene	Not detected	ug/L	1	8260B	04/24/05 07:31	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/L	1	8260B	04/24/05 07:31	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/L	1	8260B	04/24/05 07:31	JGH	127-18-4	
Toluene	Not detected	ug/L	1	8260B	04/24/05 07:31	JGH	108-88-3	
1,1,1-Trichloroethane	Not detected	ug/L	1	8260B	04/24/05 07:31	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/L	1	8260B	04/24/05 07:31	JGH	79-00-5	
Trichloroethene	Not detected	ug/L	1	8260B	04/24/05 07:31	JGH	79-01-6	
Trichlorofluoromethane	Not detected	ug/L	1	8260B	04/24/05 07:31	JGH	75-69-4	
1,2,4-Trimethylbenzene	Not detected	ug/L	1	8260B	04/24/05 07:31	JGH	95-63-6	
1,3,5-Trimethylbenzene	Not detected	ug/L	1	8260B	04/24/05 07:31	JGH	108-67-8	
Vinyl chloride	Not detected	ug/L	1	8260B	04/24/05 07:31	JGH	75-01-4	
o-Xylene	Not detected	ug/L	1	8260B	04/24/05 07:31	JGH	95-47-6	
p,m-Xylene	Not detected	ug/L	1	8260B	04/24/05 07:31	JGH		

Analytical Laboratory Report

Lab Sample ID: S21805.15
Sample Tag: TB-041305
Collected Date/Time: 04/13/2005 18:00
Matrix: Water Quality
COC Reference: 04105

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	40 ml Glass	HCL	Yes	4	3

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles								
Volatile Organics OBG Water								
Acetone	Not detected	ug/L	30	8260B	04/24/05 08:04	JGH	67-64-1	
Benzene	Not detected	ug/L	1	8260B	04/24/05 08:04	JGH	71-43-2	
Bromodichloromethane	Not detected	ug/L	1	8260B	04/24/05 08:04	JGH	75-27-4	
Bromoform	Not detected	ug/L	1	8260B	04/24/05 08:04	JGH	75-25-2	
Bromomethane	Not detected	ug/L	2	8260B	04/24/05 08:04	JGH	74-83-9	
2-Butanone (MEK)	Not detected	ug/L	30	8260B	04/24/05 08:04	JGH	78-93-3	
n-Butylbenzene	Not detected	ug/L	1	8260B	04/24/05 08:04	JGH	104-51-8	
sec-Butylbenzene	Not detected	ug/L	1	8260B	04/24/05 08:04	JGH	135-98-8	
tert-Butylbenzene	Not detected	ug/L	1	8260B	04/24/05 08:04	JGH	98-06-6	
Carbon disulfide	Not detected	ug/L	5	8260B	04/24/05 08:04	JGH	75-15-0	
Carbon tetrachloride	Not detected	ug/L	1	8260B	04/24/05 08:04	JGH	56-23-5	
Chlorobenzene	Not detected	ug/L	1	8260B	04/24/05 08:04	JGH	108-90-7	
Chloroethane	Not detected	ug/L	1	8260B	04/24/05 08:04	JGH	75-00-3	
2-Chloroethylvinyl ether	Not detected	ug/L	10	8260B	04/24/05 08:04	JGH	110-75-8	
Chloroform	Not detected	ug/L	1	8260B	04/24/05 08:04	JGH	67-66-3	
Chloromethane	Not detected	ug/L	1	8260B	04/24/05 08:04	JGH	74-87-3	
Dibromochloromethane	Not detected	ug/L	1	8260B	04/24/05 08:04	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/L	1	8260B	04/24/05 08:04	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/L	1	8260B	04/24/05 08:04	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/L	1	8260B	04/24/05 08:04	JGH	106-46-7	
1,1-Dichloroethene	Not detected	ug/L	1	8260B	04/24/05 08:04	JGH	75-35-4	
1,2-Dichloroethane	Not detected	ug/L	1	8260B	04/24/05 08:04	JGH	107-06-2	
1,1-Dichloroethane	Not detected	ug/L	1	8260B	04/24/05 08:04	JGH	75-34-3	
cis-1,2-Dichloroethene	Not detected	ug/L	1	8260B	04/24/05 08:04	JGH	156-59-2	
trans-1,2-Dichloroethene	Not detected	ug/L	1	8260B	04/24/05 08:04	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/L	1	8260B	04/24/05 08:04	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/L	1	8260B	04/24/05 08:04	JGH	10061-01-5	
trans-1,3-Dichloropropene	Not detected	ug/L	1	8260B	04/24/05 08:04	JGH	10061-02-6	
Ethylbenzene	Not detected	ug/L	1	8260B	04/24/05 08:04	JGH	100-41-4	
2-Hexanone	Not detected	ug/L	50	8260B	04/24/05 08:04	JGH	591-78-6	
Isopropylbenzene	Not detected	ug/L	1	8260B	04/24/05 08:04	JGH	98-82-8	
p-Isopropyltoluene	Not detected	ug/L	5	8260B	04/24/05 08:04	JGH	99-87-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/L	1	8260B	04/24/05 08:04	JGH	108-10-1	
Methylene chloride	Not detected	ug/L	5	8260B	04/24/05 08:04	JGH	75-09-2	
tert-Methyl butyl ether (MTBE)	Not detected	ug/L	5	8260B	04/24/05 08:04	JGH	1634-04-4	
Naphthalene	Not detected	ug/L	5	8260B	04/24/05 08:04	JGH	91-20-3	
n-Propylbenzene	Not detected	ug/L	5	8260B	04/24/05 08:04	JGH	103-65-1	
Styrene	Not detected	ug/L	1	8260B	04/24/05 08:04	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/L	1	8260B	04/24/05 08:04	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/L	1	8260B	04/24/05 08:04	JGH	127-18-4	
Toluene	0.2	ug/L	1	8260B	04/24/05 08:04	JGH	108-88-3	J

J-Estimated value less than reporting limit, but greater than MDL

Lab Sample ID: S21805.15 (continued)

Sample Tag: TB-041305

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics OBG Water (continued)								
1,1,1-Trichloroethane	Not detected	ug/L	1	8260B	04/24/05 08:04	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/L	1	8260B	04/24/05 08:04	JGH	79-00-5	
Trichloroethene	Not detected	ug/L	1	8260B	04/24/05 08:04	JGH	79-01-6	
Trichlorofluoromethane	Not detected	ug/L	1	8260B	04/24/05 08:04	JGH	75-69-4	
1,2,4-Trimethylbenzene	Not detected	ug/L	1	8260B	04/24/05 08:04	JGH	95-63-6	
1,3,5-Trimethylbenzene	Not detected	ug/L	1	8260B	04/24/05 08:04	JGH	108-67-8	
Vinyl chloride	Not detected	ug/L	1	8260B	04/24/05 08:04	JGH	75-01-4	
o-Xylene	Not detected	ug/L	1	8260B	04/24/05 08:04	JGH	95-47-6	
p,m-Xylene	Not detected	ug/L	1	8260B	04/24/05 08:04	JGH		

Analytical Laboratory Report

Report ID: S21830.01(01)
Generated on 05/03/2005

Report to

Attention: Tony Finch/ Sandy Pelowski
O'Brien & Gere Engineers
33469 West 14 Mile Road, Suite 150
Farmington Hills, MI 48331

Phone: 248-661-3745 FAX: 248-661-4057

Report produced by

Merit Laboratories
2680 East Lansing Drive
East Lansing, MI 48823

Phone: (517) 332-0167 FAX: (517) 332-6333

Report Summary

Lab Sample ID(s): S21830.01-S21830.15
Project: 34573 Die Storage Lot SSOW# R040005
Submitted Date/Time: 04/15/2005 12:30
Sampled by: Mike Robison
P.O. #: 409131

Report Notes

Results relate only to items tested.
Methods may be modified for improved performance.
Results reported on a dry weight basis where applicable.
"Not detected" indicates that parameter was not found at a level equal to or greater than the RDL.
Report shall not be reproduced except in full, without the written approval of Merit Laboratories.

Violetta F. Murshak
Laboratory Director

Analytical Laboratory Report

Lab Sample ID: S21830.01
Sample Tag: SO-041405-026
Collected Date/Time: 04/14/2005 08:45
Matrix: Soil
COC Reference: 04106

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	40 ml Glass	MeOH	Yes	4	3
1	4oz. Glass	None	Yes	4	3

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Lead, Fine and Coarse Digestion	Completed				04/28/05 12:00	PER		
Lead, Fine and Coarse Prep	Completed			3050B	04/20/05 11:00	JRT		
Metal Digestion	Completed			3050B	04/28/05 15:00	MSH		
Metals								
% Coarse by Weight	71.0	%			04/20/05 11:00	JRT		
% Fine by Weight	29.0	%			04/20/05 11:00	JRT		
Total Solids	89	%	1	160.3	04/20/05 11:00	JRT		
Barium	35.3	mg/kg	1.0	6020	05/02/05 18:54	SLS	7440-39-3	
Lead, Coarse	5.69	mg/kg	1.0		05/02/05 18:40	PER		
Lead, Fine	11.4	mg/kg	1.0		05/02/05 17:45	PER		
Organics - Volatiles								
Volatile Organics OBG								
Acetone	Not detected	ug/kg	800	5035/8260B	04/28/05 13:36	JGH	67-64-1	
Benzene	Not detected	ug/kg	50	5035/8260B	04/28/05 13:36	JGH	71-43-2	
Bromodichloromethane	Not detected	ug/kg	50	5035/8260B	04/28/05 13:36	JGH	75-27-4	
Bromoform	Not detected	ug/kg	50	5035/8260B	04/28/05 13:36	JGH	75-25-2	
Bromomethane	Not detected	ug/kg	300	5035/8260B	04/28/05 13:36	JGH	74-83-9	
2-Butanone (MEK)	Not detected	ug/kg	800	5035/8260B	04/28/05 13:36	JGH	78-93-3	
n-Butylbenzene	Not detected	ug/kg	50	5035/8260B	04/28/05 13:36	JGH	104-51-8	
sec-Butylbenzene	Not detected	ug/kg	50	5035/8260B	04/28/05 13:36	JGH	135-98-8	
tert-Butylbenzene	Not detected	ug/kg	50	5035/8260B	04/28/05 13:36	JGH	98-06-6	
Carbon disulfide	Not detected	ug/kg	300	5035/8260B	04/28/05 13:36	JGH	75-15-0	
Carbon tetrachloride	Not detected	ug/kg	50	5035/8260B	04/28/05 13:36	JGH	56-23-5	
Chlorobenzene	Not detected	ug/kg	50	5035/8260B	04/28/05 13:36	JGH	108-90-7	
Chloroethane	Not detected	ug/kg	300	5035/8260B	04/28/05 13:36	JGH	75-00-3	
2-Chloroethylvinyl ether	Not detected	ug/kg	500	5035/8260B	04/28/05 13:36	JGH	110-75-8	
Chloroform	Not detected	ug/kg	50	5035/8260B	04/28/05 13:36	JGH	67-66-3	
Chloromethane	Not detected	ug/kg	300	5035/8260B	04/28/05 13:36	JGH	74-87-3	
Dibromochloromethane	Not detected	ug/kg	50	5035/8260B	04/28/05 13:36	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/kg	50	5035/8260B	04/28/05 13:36	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/kg	50	5035/8260B	04/28/05 13:36	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/kg	50	5035/8260B	04/28/05 13:36	JGH	106-46-7	
1,1-Dichloroethene	Not detected	ug/kg	50	5035/8260B	04/28/05 13:36	JGH	75-35-4	
1,2-Dichloroethane	Not detected	ug/kg	50	5035/8260B	04/28/05 13:36	JGH	107-06-2	
1,1-Dichloroethane	Not detected	ug/kg	50	5035/8260B	04/28/05 13:36	JGH	75-34-3	
cis-1,2-Dichloroethene	Not detected	ug/kg	50	5035/8260B	04/28/05 13:36	JGH	156-59-2	
trans-1,2-Dichloroethene	Not detected	ug/kg	50	5035/8260B	04/28/05 13:36	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/kg	50	5035/8260B	04/28/05 13:36	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/kg	50	5035/8260B	04/28/05 13:36	JGH	10061-01-5	
trans-1,3-Dichloropropene	Not detected	ug/kg	50	5035/8260B	04/28/05 13:36	JGH	10061-02-6	

Lab Sample ID: S21830.01 (continued)

Sample Tag: SO-041405-026

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics OBG (continued)								
Ethylbenzene	Not detected	ug/kg	50	5035/8260B	04/28/05 13:36	JGH	100-41-4	
2-Hexanone	Not detected	ug/kg	3,000	5035/8260B	04/28/05 13:36	JGH	591-78-6	
Isopropylbenzene	Not detected	ug/kg	50	5035/8260B	04/28/05 13:36	JGH	98-82-8	
p-Isopropyltoluene	Not detected	ug/kg	100	5035/8260B	04/28/05 13:36	JGH	99-87-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/kg	3,000	5035/8260B	04/28/05 13:36	JGH	108-10-1	
Methylene chloride	Not detected	ug/kg	300	5035/8260B	04/28/05 13:36	JGH	75-09-2	
tert-Methyl butyl ether (MTBE)	Not detected	ug/kg	300	5035/8260B	04/28/05 13:36	JGH	1634-04-4	
Naphthalene	Not detected	ug/kg	300	5035/8260B	04/28/05 13:36	JGH	91-20-3	
n-Propylbenzene	Not detected	ug/kg	100	5035/8260B	04/28/05 13:36	JGH	103-65-1	
Styrene	Not detected	ug/kg	50	5035/8260B	04/28/05 13:36	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/kg	50	5035/8260B	04/28/05 13:36	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/kg	50	5035/8260B	04/28/05 13:36	JGH	127-18-4	
Toluene	200	ug/kg	50	5035/8260B	04/28/05 13:36	JGH	108-88-3	
1,1,1-Trichloroethane	Not detected	ug/kg	50	5035/8260B	04/28/05 13:36	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/kg	50	5035/8260B	04/28/05 13:36	JGH	79-00-5	
Trichloroethene	Not detected	ug/kg	50	5035/8260B	04/28/05 13:36	JGH	79-01-6	
Trichlorofluoromethane	Not detected	ug/kg	100	5035/8260B	04/28/05 13:36	JGH	75-69-4	
1,2,4-Trimethylbenzene	Not detected	ug/kg	100	5035/8260B	04/28/05 13:36	JGH	95-63-6	
1,3,5-Trimethylbenzene	Not detected	ug/kg	100	5035/8260B	04/28/05 13:36	JGH	108-67-8	
Vinyl chloride	Not detected	ug/kg	100	5035/8260B	04/28/05 13:36	JGH	75-01-4	
o-Xylene	Not detected	ug/kg	50	5035/8260B	04/28/05 13:36	JGH	95-47-6	
p,m-Xylene	Not detected	ug/kg	50	5035/8260B	04/28/05 13:36	JGH		

Analytical Laboratory Report

Lab Sample ID: S21830.02
Sample Tag: SO-041405-027
Collected Date/Time: 04/14/2005 :
Matrix: Soil
COC Reference: 04106

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	40 ml Glass	MeOH	Yes	4	3
1	4oz. Glass	None	Yes	4	3

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Lead, Fine and Coarse Digestion	Completed				04/28/05 12:00	PER		
Lead, Fine and Coarse Prep	Completed			3050B	04/20/05 11:00	JRT		
Metal Digestion	Completed			3050B	04/28/05 15:00	MSH		
Metals								
% Coarse by Weight	72.3	%			04/20/05 11:00	JRT		
% Fine by Weight	27.7	%			04/20/05 11:00	JRT		
Total Solids	89	%	1	160.3	04/20/05 11:00	JRT		
Barium	30.6	mg/kg	1.0	6020	05/02/05 18:56	SLS	7440-39-3	
Lead, Coarse	5.36	mg/kg	1.0		05/02/05 18:42	PER		
Lead, Fine	8.98	mg/kg	1.0		05/02/05 17:46	PER		
Organics - Volatiles								
Volatile Organics OBG								
Acetone	Not detected	ug/kg	800	5035/8260B	04/25/05 22:42	JGH	67-64-1	
Benzene	Not detected	ug/kg	60	5035/8260B	04/25/05 22:42	JGH	71-43-2	
Bromodichloromethane	Not detected	ug/kg	60	5035/8260B	04/25/05 22:42	JGH	75-27-4	
Bromoform	Not detected	ug/kg	60	5035/8260B	04/25/05 22:42	JGH	75-25-2	
Bromomethane	Not detected	ug/kg	300	5035/8260B	04/25/05 22:42	JGH	74-83-9	
2-Butanone (MEK)	Not detected	ug/kg	800	5035/8260B	04/25/05 22:42	JGH	78-93-3	
n-Butylbenzene	Not detected	ug/kg	60	5035/8260B	04/25/05 22:42	JGH	104-51-8	
sec-Butylbenzene	Not detected	ug/kg	60	5035/8260B	04/25/05 22:42	JGH	135-98-8	
tert-Butylbenzene	Not detected	ug/kg	60	5035/8260B	04/25/05 22:42	JGH	98-06-6	
Carbon disulfide	Not detected	ug/kg	300	5035/8260B	04/25/05 22:42	JGH	75-15-0	
Carbon tetrachloride	Not detected	ug/kg	60	5035/8260B	04/25/05 22:42	JGH	56-23-5	
Chlorobenzene	Not detected	ug/kg	60	5035/8260B	04/25/05 22:42	JGH	108-90-7	
Chloroethane	Not detected	ug/kg	300	5035/8260B	04/25/05 22:42	JGH	75-00-3	
2-Chloroethylvinyl ether	Not detected	ug/kg	600	5035/8260B	04/25/05 22:42	JGH	110-75-8	
Chloroform	Not detected	ug/kg	60	5035/8260B	04/25/05 22:42	JGH	67-66-3	
Chloromethane	Not detected	ug/kg	300	5035/8260B	04/25/05 22:42	JGH	74-87-3	
Dibromochloromethane	Not detected	ug/kg	60	5035/8260B	04/25/05 22:42	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/kg	60	5035/8260B	04/25/05 22:42	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/kg	60	5035/8260B	04/25/05 22:42	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/kg	60	5035/8260B	04/25/05 22:42	JGH	106-46-7	
1,1-Dichloroethene	Not detected	ug/kg	60	5035/8260B	04/25/05 22:42	JGH	75-35-4	
1,2-Dichloroethane	Not detected	ug/kg	60	5035/8260B	04/25/05 22:42	JGH	107-06-2	
1,1-Dichloroethane	Not detected	ug/kg	60	5035/8260B	04/25/05 22:42	JGH	75-34-3	
cis-1,2-Dichloroethene	Not detected	ug/kg	60	5035/8260B	04/25/05 22:42	JGH	156-59-2	
trans-1,2-Dichloroethene	Not detected	ug/kg	60	5035/8260B	04/25/05 22:42	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/kg	60	5035/8260B	04/25/05 22:42	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/kg	60	5035/8260B	04/25/05 22:42	JGH	10061-01-5	
trans-1,3-Dichloropropene	Not detected	ug/kg	60	5035/8260B	04/25/05 22:42	JGH	10061-02-6	

Lab Sample ID: S21830.02 (continued)

Sample Tag: SO-041405-027

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics OBG (continued)								
Ethylbenzene	Not detected	ug/kg	60	5035/8260B	04/25/05 22:42	JGH	100-41-4	
2-Hexanone	Not detected	ug/kg	3,000	5035/8260B	04/25/05 22:42	JGH	591-78-6	
Isopropylbenzene	Not detected	ug/kg	60	5035/8260B	04/25/05 22:42	JGH	98-82-8	
p-Isopropyltoluene	Not detected	ug/kg	100	5035/8260B	04/25/05 22:42	JGH	99-87-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/kg	3,000	5035/8260B	04/25/05 22:42	JGH	108-10-1	
Methylene chloride	Not detected	ug/kg	300	5035/8260B	04/25/05 22:42	JGH	75-09-2	
tert-Methyl butyl ether (MTBE)	Not detected	ug/kg	300	5035/8260B	04/25/05 22:42	JGH	1634-04-4	
Naphthalene	Not detected	ug/kg	400	5035/8260B	04/25/05 22:42	JGH	91-20-3	
n-Propylbenzene	Not detected	ug/kg	100	5035/8260B	04/25/05 22:42	JGH	103-65-1	
Styrene	Not detected	ug/kg	60	5035/8260B	04/25/05 22:42	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/kg	60	5035/8260B	04/25/05 22:42	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/kg	60	5035/8260B	04/25/05 22:42	JGH	127-18-4	
Toluene	30	ug/kg	60	5035/8260B	04/25/05 22:42	JGH	108-88-3	J
1,1,1-Trichloroethane	Not detected	ug/kg	60	5035/8260B	04/25/05 22:42	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/kg	60	5035/8260B	04/25/05 22:42	JGH	79-00-5	
Trichloroethene	Not detected	ug/kg	60	5035/8260B	04/25/05 22:42	JGH	79-01-6	
Trichlorofluoromethane	Not detected	ug/kg	100	5035/8260B	04/25/05 22:42	JGH	75-69-4	
1,2,4-Trimethylbenzene	Not detected	ug/kg	100	5035/8260B	04/25/05 22:42	JGH	95-63-6	
1,3,5-Trimethylbenzene	Not detected	ug/kg	100	5035/8260B	04/25/05 22:42	JGH	108-67-8	
Vinyl chloride	Not detected	ug/kg	100	5035/8260B	04/25/05 22:42	JGH	75-01-4	
o-Xylene	Not detected	ug/kg	60	5035/8260B	04/25/05 22:42	JGH	95-47-6	
p,m-Xylene	Not detected	ug/kg	60	5035/8260B	04/25/05 22:42	JGH		

J-Estimated value less than reporting limit, but greater than MDL

Analytical Laboratory Report

Lab Sample ID: S21830.03
Sample Tag: SO-041405-028
Collected Date/Time: 04/14/2005 10:00
Matrix: Soil
COC Reference: 04106

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	40 ml Glass	MeOH	Yes	4	3
1	4oz. Glass	None	Yes	4	3

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Lead, Fine and Coarse Digestion	Completed				04/28/05 12:00	PER		
Lead, Fine and Coarse Prep	Completed			3050B	04/20/05 11:00	JRT		
Metal Digestion	Completed			3050B	04/28/05 15:00	MSH		
Metals								
% Coarse by Weight	87.1	%			04/20/05 11:00	JRT		
% Fine by Weight	12.9	%			04/20/05 11:00	JRT		
Total Solids	87	%	1	160.3	04/20/05 11:00	JRT		
Barium	44.0	mg/kg	1.0	6020	05/02/05 18:58	SLS	7440-39-3	
Lead, Coarse	4.78	mg/kg	1.0		05/02/05 18:43	PER		
Lead, Fine	17.1	mg/kg	1.0		05/02/05 17:47	PER		
Organics - Volatiles								
Volatile Organics OBG								
Acetone	Not detected	ug/kg	800	5035/8260B	04/25/05 23:15	JGH	67-64-1	
Benzene	Not detected	ug/kg	50	5035/8260B	04/25/05 23:15	JGH	71-43-2	
Bromodichloromethane	Not detected	ug/kg	50	5035/8260B	04/25/05 23:15	JGH	75-27-4	
Bromoform	Not detected	ug/kg	50	5035/8260B	04/25/05 23:15	JGH	75-25-2	
Bromomethane	Not detected	ug/kg	300	5035/8260B	04/25/05 23:15	JGH	74-83-9	
2-Butanone (MEK)	Not detected	ug/kg	800	5035/8260B	04/25/05 23:15	JGH	78-93-3	
n-Butylbenzene	Not detected	ug/kg	50	5035/8260B	04/25/05 23:15	JGH	104-51-8	
sec-Butylbenzene	Not detected	ug/kg	50	5035/8260B	04/25/05 23:15	JGH	135-98-8	
tert-Butylbenzene	Not detected	ug/kg	50	5035/8260B	04/25/05 23:15	JGH	98-06-6	
Carbon disulfide	Not detected	ug/kg	300	5035/8260B	04/25/05 23:15	JGH	75-15-0	
Carbon tetrachloride	Not detected	ug/kg	50	5035/8260B	04/25/05 23:15	JGH	56-23-5	
Chlorobenzene	Not detected	ug/kg	50	5035/8260B	04/25/05 23:15	JGH	108-90-7	
Chloroethane	Not detected	ug/kg	300	5035/8260B	04/25/05 23:15	JGH	75-00-3	
2-Chloroethylvinyl ether	Not detected	ug/kg	500	5035/8260B	04/25/05 23:15	JGH	110-75-8	
Chloroform	Not detected	ug/kg	50	5035/8260B	04/25/05 23:15	JGH	67-66-3	
Chloromethane	Not detected	ug/kg	300	5035/8260B	04/25/05 23:15	JGH	74-87-3	
Dibromochloromethane	Not detected	ug/kg	50	5035/8260B	04/25/05 23:15	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/kg	50	5035/8260B	04/25/05 23:15	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/kg	50	5035/8260B	04/25/05 23:15	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/kg	50	5035/8260B	04/25/05 23:15	JGH	106-46-7	
1,1-Dichloroethene	Not detected	ug/kg	50	5035/8260B	04/25/05 23:15	JGH	75-35-4	
1,2-Dichloroethane	Not detected	ug/kg	50	5035/8260B	04/25/05 23:15	JGH	107-06-2	
1,1-Dichloroethane	Not detected	ug/kg	50	5035/8260B	04/25/05 23:15	JGH	75-34-3	
cis-1,2-Dichloroethene	Not detected	ug/kg	50	5035/8260B	04/25/05 23:15	JGH	156-59-2	
trans-1,2-Dichloroethene	Not detected	ug/kg	50	5035/8260B	04/25/05 23:15	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/kg	50	5035/8260B	04/25/05 23:15	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/kg	50	5035/8260B	04/25/05 23:15	JGH	10061-01-5	
trans-1,3-Dichloropropene	Not detected	ug/kg	50	5035/8260B	04/25/05 23:15	JGH	10061-02-6	

Lab Sample ID: S21830.03 (continued)

Sample Tag: SO-041405-028

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics OBG (continued)								
Ethylbenzene	Not detected	ug/kg	50	5035/8260B	04/25/05 23:15	JGH	100-41-4	
2-Hexanone	Not detected	ug/kg	3,000	5035/8260B	04/25/05 23:15	JGH	591-78-6	
Isopropylbenzene	Not detected	ug/kg	50	5035/8260B	04/25/05 23:15	JGH	98-82-8	
p-Isopropyltoluene	Not detected	ug/kg	100	5035/8260B	04/25/05 23:15	JGH	99-87-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/kg	3,000	5035/8260B	04/25/05 23:15	JGH	108-10-1	
Methylene chloride	Not detected	ug/kg	300	5035/8260B	04/25/05 23:15	JGH	75-09-2	
tert-Methyl butyl ether (MTBE)	Not detected	ug/kg	300	5035/8260B	04/25/05 23:15	JGH	1634-04-4	
Naphthalene	Not detected	ug/kg	400	5035/8260B	04/25/05 23:15	JGH	91-20-3	
n-Propylbenzene	Not detected	ug/kg	100	5035/8260B	04/25/05 23:15	JGH	103-65-1	
Styrene	Not detected	ug/kg	50	5035/8260B	04/25/05 23:15	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/kg	50	5035/8260B	04/25/05 23:15	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/kg	50	5035/8260B	04/25/05 23:15	JGH	127-18-4	
Toluene	10	ug/kg	50	5035/8260B	04/25/05 23:15	JGH	108-88-3	J
1,1,1-Trichloroethane	Not detected	ug/kg	50	5035/8260B	04/25/05 23:15	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/kg	50	5035/8260B	04/25/05 23:15	JGH	79-00-5	
Trichloroethene	Not detected	ug/kg	50	5035/8260B	04/25/05 23:15	JGH	79-01-6	
Trichlorofluoromethane	Not detected	ug/kg	100	5035/8260B	04/25/05 23:15	JGH	75-69-4	
1,2,4-Trimethylbenzene	Not detected	ug/kg	100	5035/8260B	04/25/05 23:15	JGH	95-63-6	
1,3,5-Trimethylbenzene	Not detected	ug/kg	100	5035/8260B	04/25/05 23:15	JGH	108-67-8	
Vinyl chloride	Not detected	ug/kg	100	5035/8260B	04/25/05 23:15	JGH	75-01-4	
o-Xylene	Not detected	ug/kg	50	5035/8260B	04/25/05 23:15	JGH	95-47-6	
p,m-Xylene	Not detected	ug/kg	50	5035/8260B	04/25/05 23:15	JGH		

J-Estimated value less than reporting limit, but greater than MDL

Analytical Laboratory Report

Lab Sample ID: S21830.04
Sample Tag: SO-041405-029
Collected Date/Time: 04/14/2005 10:40
Matrix: Soil
COC Reference: 04106

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	40 ml Glass	MeOH	Yes	4	3
1	4oz. Glass	None	Yes	4	3

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Lead, Fine and Coarse Digestion	Completed				04/28/05 12:00	PER		
Lead, Fine and Coarse Prep	Completed			3050B	04/20/05 11:00	JRT		
Metal Digestion	Completed			3050B	04/28/05 15:00	MSH		
Metals								
% Coarse by Weight	89.0	%			04/20/05 11:00	JRT		
% Fine by Weight	11.0	%			04/20/05 11:00	JRT		
Total Solids	88	%	1	160.3	04/20/05 11:00	JRT		
Barium	48.9	mg/kg	1.0	6020	05/02/05 19:05	SLS	7440-39-3	
Lead, Coarse	5.38	mg/kg	1.0		05/02/05 18:44	PER		
Lead, Fine	27.1	mg/kg	1.0		05/02/05 17:48	PER		
Organics - Volatiles								
Volatile Organics OBG								
Acetone	Not detected	ug/kg	800	5035/8260B	04/25/05 23:48	JGH	67-64-1	
Benzene	Not detected	ug/kg	60	5035/8260B	04/25/05 23:48	JGH	71-43-2	
Bromodichloromethane	Not detected	ug/kg	60	5035/8260B	04/25/05 23:48	JGH	75-27-4	
Bromoform	Not detected	ug/kg	60	5035/8260B	04/25/05 23:48	JGH	75-25-2	
Bromomethane	Not detected	ug/kg	300	5035/8260B	04/25/05 23:48	JGH	74-83-9	
2-Butanone (MEK)	Not detected	ug/kg	800	5035/8260B	04/25/05 23:48	JGH	78-93-3	
n-Butylbenzene	Not detected	ug/kg	60	5035/8260B	04/25/05 23:48	JGH	104-51-8	
sec-Butylbenzene	Not detected	ug/kg	60	5035/8260B	04/25/05 23:48	JGH	135-98-8	
tert-Butylbenzene	Not detected	ug/kg	60	5035/8260B	04/25/05 23:48	JGH	98-06-6	
Carbon disulfide	Not detected	ug/kg	300	5035/8260B	04/25/05 23:48	JGH	75-15-0	
Carbon tetrachloride	Not detected	ug/kg	60	5035/8260B	04/25/05 23:48	JGH	56-23-5	
Chlorobenzene	Not detected	ug/kg	60	5035/8260B	04/25/05 23:48	JGH	108-90-7	
Chloroethane	Not detected	ug/kg	300	5035/8260B	04/25/05 23:48	JGH	75-00-3	
2-Chloroethylvinyl ether	Not detected	ug/kg	600	5035/8260B	04/25/05 23:48	JGH	110-75-8	
Chloroform	Not detected	ug/kg	60	5035/8260B	04/25/05 23:48	JGH	67-66-3	
Chloromethane	Not detected	ug/kg	300	5035/8260B	04/25/05 23:48	JGH	74-87-3	
Dibromochloromethane	Not detected	ug/kg	60	5035/8260B	04/25/05 23:48	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/kg	60	5035/8260B	04/25/05 23:48	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/kg	60	5035/8260B	04/25/05 23:48	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/kg	60	5035/8260B	04/25/05 23:48	JGH	106-46-7	
1,1-Dichloroethene	Not detected	ug/kg	60	5035/8260B	04/25/05 23:48	JGH	75-35-4	
1,2-Dichloroethane	Not detected	ug/kg	60	5035/8260B	04/25/05 23:48	JGH	107-06-2	
1,1-Dichloroethane	Not detected	ug/kg	60	5035/8260B	04/25/05 23:48	JGH	75-34-3	
cis-1,2-Dichloroethene	Not detected	ug/kg	60	5035/8260B	04/25/05 23:48	JGH	156-59-2	
trans-1,2-Dichloroethene	Not detected	ug/kg	60	5035/8260B	04/25/05 23:48	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/kg	60	5035/8260B	04/25/05 23:48	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/kg	60	5035/8260B	04/25/05 23:48	JGH	10061-01-5	
trans-1,3-Dichloropropene	Not detected	ug/kg	60	5035/8260B	04/25/05 23:48	JGH	10061-02-6	

Lab Sample ID: S21830.04 (continued)

Sample Tag: SO-041405-029

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics OBG (continued)								
Ethylbenzene	Not detected	ug/kg	60	5035/8260B	04/25/05 23:48	JGH	100-41-4	
2-Hexanone	Not detected	ug/kg	3,000	5035/8260B	04/25/05 23:48	JGH	591-78-6	
Isopropylbenzene	Not detected	ug/kg	60	5035/8260B	04/25/05 23:48	JGH	98-82-8	
p-Isopropyltoluene	Not detected	ug/kg	100	5035/8260B	04/25/05 23:48	JGH	99-87-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/kg	3,000	5035/8260B	04/25/05 23:48	JGH	108-10-1	
Methylene chloride	Not detected	ug/kg	300	5035/8260B	04/25/05 23:48	JGH	75-09-2	
tert-Methyl butyl ether (MTBE)	Not detected	ug/kg	300	5035/8260B	04/25/05 23:48	JGH	1634-04-4	
Naphthalene	Not detected	ug/kg	400	5035/8260B	04/25/05 23:48	JGH	91-20-3	
n-Propylbenzene	Not detected	ug/kg	100	5035/8260B	04/25/05 23:48	JGH	103-65-1	
Styrene	Not detected	ug/kg	60	5035/8260B	04/25/05 23:48	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/kg	60	5035/8260B	04/25/05 23:48	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/kg	60	5035/8260B	04/25/05 23:48	JGH	127-18-4	
Toluene	Not detected	ug/kg	60	5035/8260B	04/25/05 23:48	JGH	108-88-3	
1,1,1-Trichloroethane	Not detected	ug/kg	60	5035/8260B	04/25/05 23:48	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/kg	60	5035/8260B	04/25/05 23:48	JGH	79-00-5	
Trichloroethene	Not detected	ug/kg	60	5035/8260B	04/25/05 23:48	JGH	79-01-6	
Trichlorofluoromethane	Not detected	ug/kg	100	5035/8260B	04/25/05 23:48	JGH	75-69-4	
1,2,4-Trimethylbenzene	Not detected	ug/kg	100	5035/8260B	04/25/05 23:48	JGH	95-63-6	
1,3,5-Trimethylbenzene	Not detected	ug/kg	100	5035/8260B	04/25/05 23:48	JGH	108-67-8	
Vinyl chloride	Not detected	ug/kg	100	5035/8260B	04/25/05 23:48	JGH	75-01-4	
o-Xylene	Not detected	ug/kg	60	5035/8260B	04/25/05 23:48	JGH	95-47-6	
p,m-Xylene	Not detected	ug/kg	60	5035/8260B	04/25/05 23:48	JGH		

Lab Sample ID: S21830.05
Sample Tag: SO-041405-030MS
Collected Date/Time: 04/14/2005 10:40
Matrix: Soil
COC Reference: 04106

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	40 ml Glass	MeOH	Yes	4	3
1	4oz. Glass	None	Yes	4	3

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Lead, Fine and Coarse Digestion	Completed				04/28/05 12:00	PER		
Lead, Fine and Coarse Prep	Completed			3050B	04/20/05 11:00	JRT		
Metal Digestion	Completed			3050B	04/28/05 15:00	MSH		
Metals								
% Coarse by Weight	89.0	%			04/20/05 11:00	JRT		
% Fine by Weight	11.0	%			04/20/05 11:00	JRT		
Total Solids	88	%	1	160.3	04/20/05 11:00	JRT		
Barium	65.5	mg/kg	1.0	6020	05/02/05 19:07	SLS	7440-39-3	
Lead, Coarse	40.7	mg/kg	1.0		05/02/05 18:45	PER		
Lead, Fine	79.8	mg/kg	1.0		05/02/05 17:49	PER		
Organics - Volatiles								
Volatile Organics OBG								
Acetone	1,500	ug/kg	800	5035/8260B	04/28/05 14:09	JGH	67-64-1	1
Benzene	1,620	ug/kg	50	5035/8260B	04/28/05 14:09	JGH	71-43-2	1
Bromodichloromethane	1,320	ug/kg	50	5035/8260B	04/28/05 14:09	JGH	75-27-4	1
Bromoform	1,070	ug/kg	50	5035/8260B	04/28/05 14:09	JGH	75-25-2	1
Bromomethane	1,300	ug/kg	300	5035/8260B	04/28/05 14:09	JGH	74-83-9	1
2-Butanone (MEK)	1,200	ug/kg	800	5035/8260B	04/28/05 14:09	JGH	78-93-3	1
n-Butylbenzene	1,310	ug/kg	50	5035/8260B	04/28/05 14:09	JGH	104-51-8	1
sec-Butylbenzene	1,210	ug/kg	50	5035/8260B	04/28/05 14:09	JGH	135-98-8	1
tert-Butylbenzene	1,550	ug/kg	50	5035/8260B	04/28/05 14:09	JGH	98-06-6	1
Carbon disulfide	1,000	ug/kg	300	5035/8260B	04/28/05 14:09	JGH	75-15-0	1
Carbon tetrachloride	1,380	ug/kg	50	5035/8260B	04/28/05 14:09	JGH	56-23-5	1
Chlorobenzene	1,470	ug/kg	50	5035/8260B	04/28/05 14:09	JGH	108-90-7	1
Chloroethane	200	ug/kg	300	5035/8260B	04/28/05 14:09	JGH	75-00-3	J1
2-Chloroethylvinyl ether	1,300	ug/kg	500	5035/8260B	04/28/05 14:09	JGH	110-75-8	1
Chloroform	1,430	ug/kg	50	5035/8260B	04/28/05 14:09	JGH	67-66-3	1
Chloromethane	1,400	ug/kg	300	5035/8260B	04/28/05 14:09	JGH	74-87-3	1
Dibromochloromethane	1,140	ug/kg	50	5035/8260B	04/28/05 14:09	JGH	124-48-1	1
1,2-Dichlorobenzene	1,340	ug/kg	50	5035/8260B	04/28/05 14:09	JGH	95-50-1	1
1,3-Dichlorobenzene	1,380	ug/kg	50	5035/8260B	04/28/05 14:09	JGH	541-73-1	1
1,4-Dichlorobenzene	1,360	ug/kg	50	5035/8260B	04/28/05 14:09	JGH	106-46-7	1
1,1-Dichloroethene	1,320	ug/kg	50	5035/8260B	04/28/05 14:09	JGH	75-35-4	1
1,2-Dichloroethane	1,580	ug/kg	50	5035/8260B	04/28/05 14:09	JGH	107-06-2	1
1,1-Dichloroethane	1,510	ug/kg	50	5035/8260B	04/28/05 14:09	JGH	75-34-3	1
cis-1,2-Dichloroethene	1,480	ug/kg	50	5035/8260B	04/28/05 14:09	JGH	156-59-2	1
trans-1,2-Dichloroethene	1,340	ug/kg	50	5035/8260B	04/28/05 14:09	JGH	156-60-5	1
1,2-Dichloropropane	1,570	ug/kg	50	5035/8260B	04/28/05 14:09	JGH	78-87-5	1

1-Spiked at 1.25mg/kg
J-Estimated value less than reporting limit, but greater than MDL

Lab Sample ID: S21830.05 (continued)

Sample Tag: SO-041405-030MS

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics OBG (continued)								
cis-1,3-Dichloropropene	1,430	ug/kg	50	5035/8260B	04/28/05 14:09	JGH	10061-01-5	1
trans-1,3-Dichloropropene	1,410	ug/kg	50	5035/8260B	04/28/05 14:09	JGH	10061-02-6	1
Ethylbenzene	1,480	ug/kg	50	5035/8260B	04/28/05 14:09	JGH	100-41-4	1
2-Hexanone	1,000	ug/kg	3,000	5035/8260B	04/28/05 14:09	JGH	591-78-6	J1
Isopropylbenzene	1,610	ug/kg	50	5035/8260B	04/28/05 14:09	JGH	98-82-8	1
p-Isopropyltoluene	1,400	ug/kg	100	5035/8260B	04/28/05 14:09	JGH	99-87-6	1
4-Methyl-2-pentanone (MIBK)	1,000	ug/kg	3,000	5035/8260B	04/28/05 14:09	JGH	108-10-1	J1
Methylene chloride	1,500	ug/kg	300	5035/8260B	04/28/05 14:09	JGH	75-09-2	1
tert-Methyl butyl ether (MTBE)	1,100	ug/kg	300	5035/8260B	04/28/05 14:09	JGH	1634-04-4	1
Naphthalene	1,100	ug/kg	300	5035/8260B	04/28/05 14:09	JGH	91-20-3	1
n-Propylbenzene	1,500	ug/kg	100	5035/8260B	04/28/05 14:09	JGH	103-65-1	1
Styrene	1,450	ug/kg	50	5035/8260B	04/28/05 14:09	JGH	100-42-5	1
1,1,2,2-Tetrachloroethane	1,390	ug/kg	50	5035/8260B	04/28/05 14:09	JGH	79-34-5	1
Tetrachloroethene	1,640	ug/kg	50	5035/8260B	04/28/05 14:09	JGH	127-18-4	1
Toluene	1,580	ug/kg	50	5035/8260B	04/28/05 14:09	JGH	108-88-3	1
1,1,1-Trichloroethane	1,370	ug/kg	50	5035/8260B	04/28/05 14:09	JGH	71-55-6	1
1,1,2-Trichloroethane	1,440	ug/kg	50	5035/8260B	04/28/05 14:09	JGH	79-00-5	1
Trichloroethene	1,520	ug/kg	50	5035/8260B	04/28/05 14:09	JGH	79-01-6	1
Trichlorofluoromethane	1,400	ug/kg	100	5035/8260B	04/28/05 14:09	JGH	75-69-4	1
1,2,4-Trimethylbenzene	1,500	ug/kg	100	5035/8260B	04/28/05 14:09	JGH	95-63-6	1
1,3,5-Trimethylbenzene	1,600	ug/kg	100	5035/8260B	04/28/05 14:09	JGH	108-67-8	1
Vinyl chloride	1,700	ug/kg	100	5035/8260B	04/28/05 14:09	JGH	75-01-4	1
o-Xylene	1,560	ug/kg	50	5035/8260B	04/28/05 14:09	JGH	95-47-6	1
p,m-Xylene	3,170	ug/kg	50	5035/8260B	04/28/05 14:09	JGH		1

1-Spiked at 1.25mg/kg

J-Estimated value less than reporting limit, but greater than MDL

Analytical Laboratory Report

Lab Sample ID: S21830.06
Sample Tag: SO-041405-0301MSD
Collected Date/Time: 04/14/2005 10:40
Matrix: Soil
COC Reference: 04106

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	40 ml Glass	MeOH	Yes	4	3
1	4oz. Glass	None	Yes	4	3

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Lead, Fine and Coarse Digestion	Completed				04/28/05 12:00	PER		
Lead, Fine and Coarse Prep	Completed			3050B	04/20/05 11:00	JRT		
Metal Digestion	Completed			3050B	04/28/05 15:00	MSH		
Metals								
% Coarse by Weight	89.0	%			04/20/05 11:00	JRT		
% Fine by Weight	11.0	%			04/20/05 11:00	JRT		
Total Solids	88	%	1	160.3	04/20/05 11:00	JRT		
Barium	66.6	mg/kg	1.0	6020	05/02/05 19:08	SLS	7440-39-3	
Lead, Coarse	41.7	mg/kg	1.0		05/02/05 18:46	PER		
Lead, Fine	82.2	mg/kg	1.0		05/02/05 17:50	PER		
Organics - Volatiles								
Volatile Organics OBG								
Acetone	1,400	ug/kg	800	5035/8260B	04/28/05 14:42	JGH	67-64-1	1
Benzene	1,650	ug/kg	50	5035/8260B	04/28/05 14:42	JGH	71-43-2	1
Bromodichloromethane	1,410	ug/kg	50	5035/8260B	04/28/05 14:42	JGH	75-27-4	1
Bromoform	1,140	ug/kg	50	5035/8260B	04/28/05 14:42	JGH	75-25-2	1
Bromomethane	1,300	ug/kg	300	5035/8260B	04/28/05 14:42	JGH	74-83-9	1
2-Butanone (MEK)	1,300	ug/kg	800	5035/8260B	04/28/05 14:42	JGH	78-93-3	1
n-Butylbenzene	1,320	ug/kg	50	5035/8260B	04/28/05 14:42	JGH	104-51-8	1
sec-Butylbenzene	1,200	ug/kg	50	5035/8260B	04/28/05 14:42	JGH	135-98-8	1
tert-Butylbenzene	1,520	ug/kg	50	5035/8260B	04/28/05 14:42	JGH	98-06-6	1
Carbon disulfide	1,000	ug/kg	300	5035/8260B	04/28/05 14:42	JGH	75-15-0	1
Carbon tetrachloride	1,320	ug/kg	50	5035/8260B	04/28/05 14:42	JGH	56-23-5	1
Chlorobenzene	1,520	ug/kg	50	5035/8260B	04/28/05 14:42	JGH	108-90-7	1
Chloroethane	300	ug/kg	300	5035/8260B	04/28/05 14:42	JGH	75-00-3	1
2-Chloroethylvinyl ether	1,500	ug/kg	500	5035/8260B	04/28/05 14:42	JGH	110-75-8	1
Chloroform	1,490	ug/kg	50	5035/8260B	04/28/05 14:42	JGH	67-66-3	1
Chloromethane	1,300	ug/kg	300	5035/8260B	04/28/05 14:42	JGH	74-87-3	1
Dibromochloromethane	1,170	ug/kg	50	5035/8260B	04/28/05 14:42	JGH	124-48-1	1
1,2-Dichlorobenzene	1,400	ug/kg	50	5035/8260B	04/28/05 14:42	JGH	95-50-1	1
1,3-Dichlorobenzene	1,400	ug/kg	50	5035/8260B	04/28/05 14:42	JGH	541-73-1	1
1,4-Dichlorobenzene	1,390	ug/kg	50	5035/8260B	04/28/05 14:42	JGH	106-46-7	1
1,1-Dichloroethene	1,210	ug/kg	50	5035/8260B	04/28/05 14:42	JGH	75-35-4	1
1,2-Dichloroethane	1,660	ug/kg	50	5035/8260B	04/28/05 14:42	JGH	107-06-2	1
1,1-Dichloroethane	1,480	ug/kg	50	5035/8260B	04/28/05 14:42	JGH	75-34-3	1
cis-1,2-Dichloroethene	1,450	ug/kg	50	5035/8260B	04/28/05 14:42	JGH	156-59-2	1
trans-1,2-Dichloroethene	1,310	ug/kg	50	5035/8260B	04/28/05 14:42	JGH	156-60-5	1
1,2-Dichloropropane	1,650	ug/kg	50	5035/8260B	04/28/05 14:42	JGH	78-87-5	1
cis-1,3-Dichloropropene	1,510	ug/kg	50	5035/8260B	04/28/05 14:42	JGH	10061-01-5	1

1-Spiked at 1.25mg/kg

Lab Sample ID: S21830.06 (continued)

Sample Tag: SO-041405-0301MSD

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics OBG (continued)								
trans-1,3-Dichloropropene	1,530	ug/kg	50	5035/8260B	04/28/05 14:42	JGH	10061-02-6	1
Ethylbenzene	1,500	ug/kg	50	5035/8260B	04/28/05 14:42	JGH	100-41-4	1
2-Hexanone	1,000	ug/kg	3,000	5035/8260B	04/28/05 14:42	JGH	591-78-6	J1
Isopropylbenzene	1,600	ug/kg	50	5035/8260B	04/28/05 14:42	JGH	98-82-8	1
p-Isopropyltoluene	1,300	ug/kg	100	5035/8260B	04/28/05 14:42	JGH	99-87-6	1
4-Methyl-2-pentanone (MIBK)	1,000	ug/kg	3,000	5035/8260B	04/28/05 14:42	JGH	108-10-1	J1
Methylene chloride	1,500	ug/kg	300	5035/8260B	04/28/05 14:42	JGH	75-09-2	1
tert-Methyl butyl ether (MTBE)	1,100	ug/kg	300	5035/8260B	04/28/05 14:42	JGH	1634-04-4	1
Naphthalene	1,300	ug/kg	300	5035/8260B	04/28/05 14:42	JGH	91-20-3	1
n-Propylbenzene	1,500	ug/kg	100	5035/8260B	04/28/05 14:42	JGH	103-65-1	1
Styrene	1,500	ug/kg	50	5035/8260B	04/28/05 14:42	JGH	100-42-5	1
1,1,2,2-Tetrachloroethane	1,450	ug/kg	50	5035/8260B	04/28/05 14:42	JGH	79-34-5	1
Tetrachloroethene	1,600	ug/kg	50	5035/8260B	04/28/05 14:42	JGH	127-18-4	1
Toluene	1,630	ug/kg	50	5035/8260B	04/28/05 14:42	JGH	108-88-3	1
1,1,1-Trichloroethane	1,340	ug/kg	50	5035/8260B	04/28/05 14:42	JGH	71-55-6	1
1,1,2-Trichloroethane	1,540	ug/kg	50	5035/8260B	04/28/05 14:42	JGH	79-00-5	1
Trichloroethene	1,550	ug/kg	50	5035/8260B	04/28/05 14:42	JGH	79-01-6	1
Trichlorofluoromethane	1,400	ug/kg	100	5035/8260B	04/28/05 14:42	JGH	75-69-4	1
1,2,4-Trimethylbenzene	1,500	ug/kg	100	5035/8260B	04/28/05 14:42	JGH	95-63-6	1
1,3,5-Trimethylbenzene	1,600	ug/kg	100	5035/8260B	04/28/05 14:42	JGH	108-67-8	1
Vinyl chloride	1,700	ug/kg	100	5035/8260B	04/28/05 14:42	JGH	75-01-4	1
o-Xylene	1,570	ug/kg	50	5035/8260B	04/28/05 14:42	JGH	95-47-6	1
p,m-Xylene	3,120	ug/kg	50	5035/8260B	04/28/05 14:42	JGH		1

1-Spiked at 1.25mg/kg

J-Estimated value less than reporting limit, but greater than MDL

Analytical Laboratory Report

Lab Sample ID: S21830.07
Sample Tag: SO-041405-032
Collected Date/Time: 04/14/2005 11:30
Matrix: Soil
COC Reference: 04106

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	40 ml Glass	MeOH	Yes	4	3
1	4oz. Glass	None	Yes	4	3

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Lead, Fine and Coarse Digestion	Completed				04/28/05 12:00	PER		
Lead, Fine and Coarse Prep	Completed			3050B	04/20/05 11:00	JRT		
Metal Digestion	Completed			3050B	04/28/05 15:00	MSH		
Metals								
% Coarse by Weight	93.2	%			04/20/05 11:00	JRT		
% Fine by Weight	6.8	%			04/20/05 11:00	JRT		
Total Solids	88	%	1	160.3	04/20/05 11:00	JRT		
Barium	47.5	mg/kg	1.0	6020	05/02/05 19:00	SLS	7440-39-3	
Lead, Coarse	6.78	mg/kg	1.0		05/02/05 18:47	PER		
Lead, Fine	34.9	mg/kg	1.0		05/02/05 17:51	PER		
Organics - Volatiles								
Volatile Organics OBG								
Acetone	Not detected	ug/kg	900	5035/8260B	04/26/05 01:26	JGH	67-64-1	
Benzene	Not detected	ug/kg	60	5035/8260B	04/26/05 01:26	JGH	71-43-2	
Bromodichloromethane	Not detected	ug/kg	60	5035/8260B	04/26/05 01:26	JGH	75-27-4	
Bromoform	Not detected	ug/kg	60	5035/8260B	04/26/05 01:26	JGH	75-25-2	
Bromomethane	Not detected	ug/kg	300	5035/8260B	04/26/05 01:26	JGH	74-83-9	
2-Butanone (MEK)	Not detected	ug/kg	900	5035/8260B	04/26/05 01:26	JGH	78-93-3	
n-Butylbenzene	Not detected	ug/kg	60	5035/8260B	04/26/05 01:26	JGH	104-51-8	
sec-Butylbenzene	Not detected	ug/kg	60	5035/8260B	04/26/05 01:26	JGH	135-98-8	
tert-Butylbenzene	Not detected	ug/kg	60	5035/8260B	04/26/05 01:26	JGH	98-06-6	
Carbon disulfide	Not detected	ug/kg	300	5035/8260B	04/26/05 01:26	JGH	75-15-0	
Carbon tetrachloride	Not detected	ug/kg	60	5035/8260B	04/26/05 01:26	JGH	56-23-5	
Chlorobenzene	Not detected	ug/kg	60	5035/8260B	04/26/05 01:26	JGH	108-90-7	
Chloroethane	Not detected	ug/kg	300	5035/8260B	04/26/05 01:26	JGH	75-00-3	
2-Chloroethylvinyl ether	Not detected	ug/kg	600	5035/8260B	04/26/05 01:26	JGH	110-75-8	
Chloroform	Not detected	ug/kg	60	5035/8260B	04/26/05 01:26	JGH	67-66-3	
Chloromethane	Not detected	ug/kg	300	5035/8260B	04/26/05 01:26	JGH	74-87-3	
Dibromochloromethane	Not detected	ug/kg	60	5035/8260B	04/26/05 01:26	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/kg	60	5035/8260B	04/26/05 01:26	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/kg	60	5035/8260B	04/26/05 01:26	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/kg	60	5035/8260B	04/26/05 01:26	JGH	106-46-7	
1,1-Dichloroethene	Not detected	ug/kg	60	5035/8260B	04/26/05 01:26	JGH	75-35-4	
1,2-Dichloroethane	Not detected	ug/kg	60	5035/8260B	04/26/05 01:26	JGH	107-06-2	
1,1-Dichloroethane	Not detected	ug/kg	60	5035/8260B	04/26/05 01:26	JGH	75-34-3	
cis-1,2-Dichloroethene	Not detected	ug/kg	60	5035/8260B	04/26/05 01:26	JGH	156-59-2	
trans-1,2-Dichloroethene	Not detected	ug/kg	60	5035/8260B	04/26/05 01:26	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/kg	60	5035/8260B	04/26/05 01:26	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/kg	60	5035/8260B	04/26/05 01:26	JGH	10061-01-5	
trans-1,3-Dichloropropene	Not detected	ug/kg	60	5035/8260B	04/26/05 01:26	JGH	10061-02-6	

Lab Sample ID: S21830.07 (continued)

Sample Tag: SO-041405-032

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics OBG (continued)								
Ethylbenzene	Not detected	ug/kg	60	5035/8260B	04/26/05 01:26	JGH	100-41-4	
2-Hexanone	Not detected	ug/kg	3,000	5035/8260B	04/26/05 01:26	JGH	591-78-6	
Isopropylbenzene	Not detected	ug/kg	60	5035/8260B	04/26/05 01:26	JGH	98-82-8	
p-Isopropyltoluene	Not detected	ug/kg	100	5035/8260B	04/26/05 01:26	JGH	99-87-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/kg	3,000	5035/8260B	04/26/05 01:26	JGH	108-10-1	
Methylene chloride	Not detected	ug/kg	300	5035/8260B	04/26/05 01:26	JGH	75-09-2	
tert-Methyl butyl ether (MTBE)	Not detected	ug/kg	300	5035/8260B	04/26/05 01:26	JGH	1634-04-4	
Naphthalene	Not detected	ug/kg	400	5035/8260B	04/26/05 01:26	JGH	91-20-3	
n-Propylbenzene	Not detected	ug/kg	100	5035/8260B	04/26/05 01:26	JGH	103-65-1	
Styrene	Not detected	ug/kg	60	5035/8260B	04/26/05 01:26	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/kg	60	5035/8260B	04/26/05 01:26	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/kg	60	5035/8260B	04/26/05 01:26	JGH	127-18-4	
Toluene	50	ug/kg	60	5035/8260B	04/26/05 01:26	JGH	108-88-3	J
1,1,1-Trichloroethane	Not detected	ug/kg	60	5035/8260B	04/26/05 01:26	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/kg	60	5035/8260B	04/26/05 01:26	JGH	79-00-5	
Trichloroethene	Not detected	ug/kg	60	5035/8260B	04/26/05 01:26	JGH	79-01-6	
Trichlorofluoromethane	Not detected	ug/kg	100	5035/8260B	04/26/05 01:26	JGH	75-69-4	
1,2,4-Trimethylbenzene	Not detected	ug/kg	100	5035/8260B	04/26/05 01:26	JGH	95-63-6	
1,3,5-Trimethylbenzene	Not detected	ug/kg	100	5035/8260B	04/26/05 01:26	JGH	108-67-8	
Vinyl chloride	Not detected	ug/kg	100	5035/8260B	04/26/05 01:26	JGH	75-01-4	
o-Xylene	Not detected	ug/kg	60	5035/8260B	04/26/05 01:26	JGH	95-47-6	
p,m-Xylene	Not detected	ug/kg	60	5035/8260B	04/26/05 01:26	JGH		

J-Estimated value less than reporting limit, but greater than MDL

Analytical Laboratory Report

Lab Sample ID: S21830.08
Sample Tag: SO-041405-033
Collected Date/Time: 04/14/2005 11:30
Matrix: Soil
COC Reference: 04106

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	40 ml Glass	MeOH	Yes	4	3
1	4oz. Glass	None	Yes	4	3

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Lead, Fine and Coarse Digestion	Completed				04/28/05 12:00	PER		
Lead, Fine and Coarse Prep	Completed			3050B	04/20/05 11:00	JRT		
Metal Digestion	Completed			3050B	04/28/05 15:00	MSH		
Metals								
% Coarse by Weight	90.7	%			04/20/05 11:00	JRT		
% Fine by Weight	9.3	%			04/20/05 11:00	JRT		
Total Solids	88	%	1	160.3	04/20/05 11:00	JRT		
Barium	101	mg/kg	1.0	6020	05/02/05 19:01	SLS	7440-39-3	
Lead, Coarse	8.62	mg/kg	1.0		05/02/05 18:48	PER		
Lead, Fine	37.7	mg/kg	1.0		05/02/05 17:53	PER		
Organics - Volatiles								
Volatile Organics OBG								
Acetone	Not detected	ug/kg	900	5035/8260B	04/26/05 01:59	JGH	67-64-1	
Benzene	Not detected	ug/kg	60	5035/8260B	04/26/05 01:59	JGH	71-43-2	
Bromodichloromethane	Not detected	ug/kg	60	5035/8260B	04/26/05 01:59	JGH	75-27-4	
Bromoform	Not detected	ug/kg	60	5035/8260B	04/26/05 01:59	JGH	75-25-2	
Bromomethane	Not detected	ug/kg	300	5035/8260B	04/26/05 01:59	JGH	74-83-9	
2-Butanone (MEK)	Not detected	ug/kg	900	5035/8260B	04/26/05 01:59	JGH	78-93-3	
n-Butylbenzene	Not detected	ug/kg	60	5035/8260B	04/26/05 01:59	JGH	104-51-8	
sec-Butylbenzene	Not detected	ug/kg	60	5035/8260B	04/26/05 01:59	JGH	135-98-8	
tert-Butylbenzene	Not detected	ug/kg	60	5035/8260B	04/26/05 01:59	JGH	98-06-6	
Carbon disulfide	Not detected	ug/kg	300	5035/8260B	04/26/05 01:59	JGH	75-15-0	
Carbon tetrachloride	Not detected	ug/kg	60	5035/8260B	04/26/05 01:59	JGH	56-23-5	
Chlorobenzene	Not detected	ug/kg	60	5035/8260B	04/26/05 01:59	JGH	108-90-7	
Chloroethane	Not detected	ug/kg	300	5035/8260B	04/26/05 01:59	JGH	75-00-3	
2-Chloroethylvinyl ether	Not detected	ug/kg	600	5035/8260B	04/26/05 01:59	JGH	110-75-8	
Chloroform	Not detected	ug/kg	60	5035/8260B	04/26/05 01:59	JGH	67-66-3	
Chloromethane	Not detected	ug/kg	300	5035/8260B	04/26/05 01:59	JGH	74-87-3	
Dibromochloromethane	Not detected	ug/kg	60	5035/8260B	04/26/05 01:59	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/kg	60	5035/8260B	04/26/05 01:59	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/kg	60	5035/8260B	04/26/05 01:59	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/kg	60	5035/8260B	04/26/05 01:59	JGH	106-46-7	
1,1-Dichloroethene	Not detected	ug/kg	60	5035/8260B	04/26/05 01:59	JGH	75-35-4	
1,2-Dichloroethane	Not detected	ug/kg	60	5035/8260B	04/26/05 01:59	JGH	107-06-2	
1,1-Dichloroethane	Not detected	ug/kg	60	5035/8260B	04/26/05 01:59	JGH	75-34-3	
cis-1,2-Dichloroethene	Not detected	ug/kg	60	5035/8260B	04/26/05 01:59	JGH	156-59-2	
trans-1,2-Dichloroethene	Not detected	ug/kg	60	5035/8260B	04/26/05 01:59	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/kg	60	5035/8260B	04/26/05 01:59	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/kg	60	5035/8260B	04/26/05 01:59	JGH	10061-01-5	
trans-1,3-Dichloropropene	Not detected	ug/kg	60	5035/8260B	04/26/05 01:59	JGH	10061-02-6	

Lab Sample ID: S21830.08 (continued)

Sample Tag: SO-041405-033

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics OBG (continued)								
Ethylbenzene	Not detected	ug/kg	60	5035/8260B	04/26/05 01:59	JGH	100-41-4	
2-Hexanone	Not detected	ug/kg	3,000	5035/8260B	04/26/05 01:59	JGH	591-78-6	
Isopropylbenzene	Not detected	ug/kg	60	5035/8260B	04/26/05 01:59	JGH	98-82-8	
p-Isopropyltoluene	Not detected	ug/kg	100	5035/8260B	04/26/05 01:59	JGH	99-87-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/kg	3,000	5035/8260B	04/26/05 01:59	JGH	108-10-1	
Methylene chloride	Not detected	ug/kg	300	5035/8260B	04/26/05 01:59	JGH	75-09-2	
tert-Methyl butyl ether (MTBE)	Not detected	ug/kg	300	5035/8260B	04/26/05 01:59	JGH	1634-04-4	
Naphthalene	Not detected	ug/kg	400	5035/8260B	04/26/05 01:59	JGH	91-20-3	
n-Propylbenzene	Not detected	ug/kg	100	5035/8260B	04/26/05 01:59	JGH	103-65-1	
Styrene	Not detected	ug/kg	60	5035/8260B	04/26/05 01:59	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/kg	60	5035/8260B	04/26/05 01:59	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/kg	60	5035/8260B	04/26/05 01:59	JGH	127-18-4	
Toluene	Not detected	ug/kg	60	5035/8260B	04/26/05 01:59	JGH	108-88-3	
1,1,1-Trichloroethane	Not detected	ug/kg	60	5035/8260B	04/26/05 01:59	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/kg	60	5035/8260B	04/26/05 01:59	JGH	79-00-5	
Trichloroethene	Not detected	ug/kg	60	5035/8260B	04/26/05 01:59	JGH	79-01-6	
Trichlorofluoromethane	Not detected	ug/kg	100	5035/8260B	04/26/05 01:59	JGH	75-69-4	
1,2,4-Trimethylbenzene	Not detected	ug/kg	100	5035/8260B	04/26/05 01:59	JGH	95-63-6	
1,3,5-Trimethylbenzene	Not detected	ug/kg	100	5035/8260B	04/26/05 01:59	JGH	108-67-8	
Vinyl chloride	Not detected	ug/kg	100	5035/8260B	04/26/05 01:59	JGH	75-01-4	
o-Xylene	Not detected	ug/kg	60	5035/8260B	04/26/05 01:59	JGH	95-47-6	
p,m-Xylene	Not detected	ug/kg	60	5035/8260B	04/26/05 01:59	JGH		

Analytical Laboratory Report

Lab Sample ID: S21830.09
Sample Tag: SO-041405-034
Collected Date/Time: 04/14/2005 13:30
Matrix: Soil
COC Reference: 04106

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	40 ml Glass	MeOH	Yes	4	3
1	4oz. Glass	None	Yes	4	3

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Lead, Fine and Coarse Digestion	Completed				04/28/05 12:00	PER		
Lead, Fine and Coarse Prep	Completed			3050B	04/20/05 11:00	JRT		
Metal Digestion	Completed			3050B	04/28/05 15:00	MSH		
Metals								
% Coarse by Weight	81.1	%			04/20/05 11:00	JRT		
% Fine by Weight	18.9	%			04/20/05 11:00	JRT		
Total Solids	87	%	1	160.3	04/20/05 11:00	JRT		
Barium	48.0	mg/kg	1.0	6020	05/02/05 19:03	SLS	7440-39-3	
Lead, Coarse	8.46	mg/kg	1.0		05/02/05 18:49	PER		
Lead, Fine	29.8	mg/kg	1.0		05/02/05 17:54	PER		
Organics - Volatiles								
Volatile Organics OBG								
Acetone	Not detected	ug/kg	900	5035/8260B	04/26/05 02:31	JGH	67-64-1	
Benzene	Not detected	ug/kg	60	5035/8260B	04/26/05 02:31	JGH	71-43-2	
Bromodichloromethane	Not detected	ug/kg	60	5035/8260B	04/26/05 02:31	JGH	75-27-4	
Bromoform	Not detected	ug/kg	60	5035/8260B	04/26/05 02:31	JGH	75-25-2	
Bromomethane	Not detected	ug/kg	300	5035/8260B	04/26/05 02:31	JGH	74-83-9	
2-Butanone (MEK)	Not detected	ug/kg	900	5035/8260B	04/26/05 02:31	JGH	78-93-3	
n-Butylbenzene	Not detected	ug/kg	60	5035/8260B	04/26/05 02:31	JGH	104-51-8	
sec-Butylbenzene	Not detected	ug/kg	60	5035/8260B	04/26/05 02:31	JGH	135-98-8	
tert-Butylbenzene	Not detected	ug/kg	60	5035/8260B	04/26/05 02:31	JGH	98-06-6	
Carbon disulfide	Not detected	ug/kg	300	5035/8260B	04/26/05 02:31	JGH	75-15-0	
Carbon tetrachloride	Not detected	ug/kg	60	5035/8260B	04/26/05 02:31	JGH	56-23-5	
Chlorobenzene	Not detected	ug/kg	60	5035/8260B	04/26/05 02:31	JGH	108-90-7	
Chloroethane	Not detected	ug/kg	300	5035/8260B	04/26/05 02:31	JGH	75-00-3	
2-Chloroethylvinyl ether	Not detected	ug/kg	600	5035/8260B	04/26/05 02:31	JGH	110-75-8	
Chloroform	Not detected	ug/kg	60	5035/8260B	04/26/05 02:31	JGH	67-66-3	
Chloromethane	Not detected	ug/kg	300	5035/8260B	04/26/05 02:31	JGH	74-87-3	
Dibromochloromethane	Not detected	ug/kg	60	5035/8260B	04/26/05 02:31	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/kg	60	5035/8260B	04/26/05 02:31	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/kg	60	5035/8260B	04/26/05 02:31	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/kg	60	5035/8260B	04/26/05 02:31	JGH	106-46-7	
1,1-Dichloroethene	Not detected	ug/kg	60	5035/8260B	04/26/05 02:31	JGH	75-35-4	
1,2-Dichloroethane	Not detected	ug/kg	60	5035/8260B	04/26/05 02:31	JGH	107-06-2	
1,1-Dichloroethane	Not detected	ug/kg	60	5035/8260B	04/26/05 02:31	JGH	75-34-3	
cis-1,2-Dichloroethene	Not detected	ug/kg	60	5035/8260B	04/26/05 02:31	JGH	156-59-2	
trans-1,2-Dichloroethene	Not detected	ug/kg	60	5035/8260B	04/26/05 02:31	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/kg	60	5035/8260B	04/26/05 02:31	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/kg	60	5035/8260B	04/26/05 02:31	JGH	10061-01-5	
trans-1,3-Dichloropropene	Not detected	ug/kg	60	5035/8260B	04/26/05 02:31	JGH	10061-02-6	

Lab Sample ID: S21830.09 (continued)

Sample Tag: SO-041405-034

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics OBG (continued)								
Ethylbenzene	Not detected	ug/kg	60	5035/8260B	04/26/05 02:31	JGH	100-41-4	
2-Hexanone	Not detected	ug/kg	3,000	5035/8260B	04/26/05 02:31	JGH	591-78-6	
Isopropylbenzene	Not detected	ug/kg	60	5035/8260B	04/26/05 02:31	JGH	98-82-8	
p-Isopropyltoluene	Not detected	ug/kg	100	5035/8260B	04/26/05 02:31	JGH	99-87-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/kg	3,000	5035/8260B	04/26/05 02:31	JGH	108-10-1	
Methylene chloride	Not detected	ug/kg	300	5035/8260B	04/26/05 02:31	JGH	75-09-2	
tert-Methyl butyl ether (MTBE)	Not detected	ug/kg	300	5035/8260B	04/26/05 02:31	JGH	1634-04-4	
Naphthalene	Not detected	ug/kg	400	5035/8260B	04/26/05 02:31	JGH	91-20-3	
n-Propylbenzene	Not detected	ug/kg	100	5035/8260B	04/26/05 02:31	JGH	103-65-1	
Styrene	Not detected	ug/kg	60	5035/8260B	04/26/05 02:31	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/kg	60	5035/8260B	04/26/05 02:31	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/kg	60	5035/8260B	04/26/05 02:31	JGH	127-18-4	
Toluene	Not detected	ug/kg	60	5035/8260B	04/26/05 02:31	JGH	108-88-3	
1,1,1-Trichloroethane	Not detected	ug/kg	60	5035/8260B	04/26/05 02:31	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/kg	60	5035/8260B	04/26/05 02:31	JGH	79-00-5	
Trichloroethene	Not detected	ug/kg	60	5035/8260B	04/26/05 02:31	JGH	79-01-6	
Trichlorofluoromethane	Not detected	ug/kg	100	5035/8260B	04/26/05 02:31	JGH	75-69-4	
1,2,4-Trimethylbenzene	Not detected	ug/kg	100	5035/8260B	04/26/05 02:31	JGH	95-63-6	
1,3,5-Trimethylbenzene	Not detected	ug/kg	100	5035/8260B	04/26/05 02:31	JGH	108-67-8	
Vinyl chloride	Not detected	ug/kg	100	5035/8260B	04/26/05 02:31	JGH	75-01-4	
o-Xylene	Not detected	ug/kg	60	5035/8260B	04/26/05 02:31	JGH	95-47-6	
p,m-Xylene	Not detected	ug/kg	60	5035/8260B	04/26/05 02:31	JGH		

Analytical Laboratory Report

Lab Sample ID: S21830.10
Sample Tag: SO-041405-035
Collected Date/Time: 04/14/2005 14:30
Matrix: Soil
COC Reference: 04106

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	40 ml Glass	MeOH	Yes	4	3
1	4oz. Glass	None	Yes	4	3

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Lead, Fine and Coarse Digestion	Completed				04/28/05 12:00	PER		
Lead, Fine and Coarse Prep	Completed			3050B	04/20/05 11:00	JRT		
Metal Digestion	Completed			3050B	04/28/05 15:30	MSH		
Metals								
% Coarse by Weight	85.0	%			04/20/05 11:00	JRT		
% Fine by Weight	15.0	%			04/20/05 11:00	JRT		
Total Solids	85	%	1	160.3	04/20/05 11:00	JRT		
Barium	40.0	mg/kg	1.0	6020	05/02/05 19:19	SLS	7440-39-3	
Lead, Coarse	5.60	mg/kg	1.0		05/02/05 18:50	PER		
Lead, Fine	27.5	mg/kg	1.0		05/02/05 17:55	PER		
Organics - Volatiles								
Volatile Organics OBG								
Acetone	Not detected	ug/kg	800	5035/8260B	04/26/05 03:04	JGH	67-64-1	
Benzene	Not detected	ug/kg	60	5035/8260B	04/26/05 03:04	JGH	71-43-2	
Bromodichloromethane	Not detected	ug/kg	60	5035/8260B	04/26/05 03:04	JGH	75-27-4	
Bromoform	Not detected	ug/kg	60	5035/8260B	04/26/05 03:04	JGH	75-25-2	
Bromomethane	Not detected	ug/kg	300	5035/8260B	04/26/05 03:04	JGH	74-83-9	
2-Butanone (MEK)	Not detected	ug/kg	800	5035/8260B	04/26/05 03:04	JGH	78-93-3	
n-Butylbenzene	Not detected	ug/kg	60	5035/8260B	04/26/05 03:04	JGH	104-51-8	
sec-Butylbenzene	Not detected	ug/kg	60	5035/8260B	04/26/05 03:04	JGH	135-98-8	
tert-Butylbenzene	Not detected	ug/kg	60	5035/8260B	04/26/05 03:04	JGH	98-06-6	
Carbon disulfide	Not detected	ug/kg	300	5035/8260B	04/26/05 03:04	JGH	75-15-0	
Carbon tetrachloride	Not detected	ug/kg	60	5035/8260B	04/26/05 03:04	JGH	56-23-5	
Chlorobenzene	Not detected	ug/kg	60	5035/8260B	04/26/05 03:04	JGH	108-90-7	
Chloroethane	Not detected	ug/kg	300	5035/8260B	04/26/05 03:04	JGH	75-00-3	
2-Chloroethylvinyl ether	Not detected	ug/kg	600	5035/8260B	04/26/05 03:04	JGH	110-75-8	
Chloroform	Not detected	ug/kg	60	5035/8260B	04/26/05 03:04	JGH	67-66-3	
Chloromethane	Not detected	ug/kg	300	5035/8260B	04/26/05 03:04	JGH	74-87-3	
Dibromochloromethane	Not detected	ug/kg	60	5035/8260B	04/26/05 03:04	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/kg	60	5035/8260B	04/26/05 03:04	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/kg	60	5035/8260B	04/26/05 03:04	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/kg	60	5035/8260B	04/26/05 03:04	JGH	106-46-7	
1,1-Dichloroethene	Not detected	ug/kg	60	5035/8260B	04/26/05 03:04	JGH	75-35-4	
1,2-Dichloroethane	Not detected	ug/kg	60	5035/8260B	04/26/05 03:04	JGH	107-06-2	
1,1-Dichloroethane	Not detected	ug/kg	60	5035/8260B	04/26/05 03:04	JGH	75-34-3	
cis-1,2-Dichloroethene	Not detected	ug/kg	60	5035/8260B	04/26/05 03:04	JGH	156-59-2	
trans-1,2-Dichloroethene	Not detected	ug/kg	60	5035/8260B	04/26/05 03:04	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/kg	60	5035/8260B	04/26/05 03:04	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/kg	60	5035/8260B	04/26/05 03:04	JGH	10061-01-5	
trans-1,3-Dichloropropene	Not detected	ug/kg	60	5035/8260B	04/26/05 03:04	JGH	10061-02-6	

Lab Sample ID: S21830.10 (continued)

Sample Tag: SO-041405-035

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics OBG (continued)								
Ethylbenzene	Not detected	ug/kg	60	5035/8260B	04/26/05 03:04	JGH	100-41-4	
2-Hexanone	Not detected	ug/kg	3,000	5035/8260B	04/26/05 03:04	JGH	591-78-6	
Isopropylbenzene	Not detected	ug/kg	60	5035/8260B	04/26/05 03:04	JGH	98-82-8	
p-Isopropyltoluene	Not detected	ug/kg	100	5035/8260B	04/26/05 03:04	JGH	99-87-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/kg	3,000	5035/8260B	04/26/05 03:04	JGH	108-10-1	
Methylene chloride	Not detected	ug/kg	300	5035/8260B	04/26/05 03:04	JGH	75-09-2	
tert-Methyl butyl ether (MTBE)	Not detected	ug/kg	300	5035/8260B	04/26/05 03:04	JGH	1634-04-4	
Naphthalene	Not detected	ug/kg	400	5035/8260B	04/26/05 03:04	JGH	91-20-3	
n-Propylbenzene	Not detected	ug/kg	100	5035/8260B	04/26/05 03:04	JGH	103-65-1	
Styrene	Not detected	ug/kg	60	5035/8260B	04/26/05 03:04	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/kg	60	5035/8260B	04/26/05 03:04	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/kg	60	5035/8260B	04/26/05 03:04	JGH	127-18-4	
Toluene	80	ug/kg	60	5035/8260B	04/26/05 03:04	JGH	108-88-3	
1,1,1-Trichloroethane	Not detected	ug/kg	60	5035/8260B	04/26/05 03:04	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/kg	60	5035/8260B	04/26/05 03:04	JGH	79-00-5	
Trichloroethene	Not detected	ug/kg	60	5035/8260B	04/26/05 03:04	JGH	79-01-6	
Trichlorofluoromethane	Not detected	ug/kg	100	5035/8260B	04/26/05 03:04	JGH	75-69-4	
1,2,4-Trimethylbenzene	Not detected	ug/kg	100	5035/8260B	04/26/05 03:04	JGH	95-63-6	
1,3,5-Trimethylbenzene	Not detected	ug/kg	100	5035/8260B	04/26/05 03:04	JGH	108-67-8	
Vinyl chloride	Not detected	ug/kg	100	5035/8260B	04/26/05 03:04	JGH	75-01-4	
o-Xylene	Not detected	ug/kg	60	5035/8260B	04/26/05 03:04	JGH	95-47-6	
p,m-Xylene	Not detected	ug/kg	60	5035/8260B	04/26/05 03:04	JGH		

Analytical Laboratory Report

Lab Sample ID: S21830.11
Sample Tag: SO-041405-036
Collected Date/Time: 04/14/2005 15:30
Matrix: Soil
COC Reference: 04106

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	40 ml Glass	MeOH	Yes	4	3
1	4oz. Glass	None	Yes	4	3

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Lead, Fine and Coarse Digestion	Completed				04/28/05 12:00	PER		
Lead, Fine and Coarse Prep	Completed			3050B	04/20/05 11:00	JRT		
Metal Digestion	Completed			3050B	04/28/05 15:30	MSH		
Metals								
% Coarse by Weight	86.8	%			04/20/05 11:00	JRT		
% Fine by Weight	13.2	%			04/20/05 11:00	JRT		
Total Solids	87	%	1	160.3	04/20/05 11:00	JRT		
Barium	55.5	mg/kg	1.0	6020	05/02/05 19:21	SLS	7440-39-3	
Lead, Coarse	5.73	mg/kg	1.0		05/02/05 18:53	PER		
Lead, Fine	23.9	mg/kg	1.0		05/02/05 17:57	PER		
Organics - Volatiles								
Volatile Organics OBG								
Acetone	Not detected	ug/kg	900	5035/8260B	04/26/05 03:37	JGH	67-64-1	
Benzene	Not detected	ug/kg	60	5035/8260B	04/26/05 03:37	JGH	71-43-2	
Bromodichloromethane	Not detected	ug/kg	60	5035/8260B	04/26/05 03:37	JGH	75-27-4	
Bromoform	Not detected	ug/kg	60	5035/8260B	04/26/05 03:37	JGH	75-25-2	
Bromomethane	Not detected	ug/kg	300	5035/8260B	04/26/05 03:37	JGH	74-83-9	
2-Butanone (MEK)	Not detected	ug/kg	900	5035/8260B	04/26/05 03:37	JGH	78-93-3	
n-Butylbenzene	Not detected	ug/kg	60	5035/8260B	04/26/05 03:37	JGH	104-51-8	
sec-Butylbenzene	Not detected	ug/kg	60	5035/8260B	04/26/05 03:37	JGH	135-98-8	
tert-Butylbenzene	Not detected	ug/kg	60	5035/8260B	04/26/05 03:37	JGH	98-06-6	
Carbon disulfide	Not detected	ug/kg	300	5035/8260B	04/26/05 03:37	JGH	75-15-0	
Carbon tetrachloride	Not detected	ug/kg	60	5035/8260B	04/26/05 03:37	JGH	56-23-5	
Chlorobenzene	Not detected	ug/kg	60	5035/8260B	04/26/05 03:37	JGH	108-90-7	
Chloroethane	Not detected	ug/kg	300	5035/8260B	04/26/05 03:37	JGH	75-00-3	
2-Chloroethylvinyl ether	Not detected	ug/kg	600	5035/8260B	04/26/05 03:37	JGH	110-75-8	
Chloroform	Not detected	ug/kg	60	5035/8260B	04/26/05 03:37	JGH	67-66-3	
Chloromethane	Not detected	ug/kg	300	5035/8260B	04/26/05 03:37	JGH	74-87-3	
Dibromochloromethane	Not detected	ug/kg	60	5035/8260B	04/26/05 03:37	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/kg	60	5035/8260B	04/26/05 03:37	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/kg	60	5035/8260B	04/26/05 03:37	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/kg	60	5035/8260B	04/26/05 03:37	JGH	106-46-7	
1,1-Dichloroethene	Not detected	ug/kg	60	5035/8260B	04/26/05 03:37	JGH	75-35-4	
1,2-Dichloroethane	Not detected	ug/kg	60	5035/8260B	04/26/05 03:37	JGH	107-06-2	
1,1-Dichloroethane	Not detected	ug/kg	60	5035/8260B	04/26/05 03:37	JGH	75-34-3	
cis-1,2-Dichloroethene	Not detected	ug/kg	60	5035/8260B	04/26/05 03:37	JGH	156-59-2	
trans-1,2-Dichloroethene	Not detected	ug/kg	60	5035/8260B	04/26/05 03:37	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/kg	60	5035/8260B	04/26/05 03:37	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/kg	60	5035/8260B	04/26/05 03:37	JGH	10061-01-5	
trans-1,3-Dichloropropene	Not detected	ug/kg	60	5035/8260B	04/26/05 03:37	JGH	10061-02-6	

Lab Sample ID: S21830.11 (continued)

Sample Tag: SO-041405-036

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics OBG (continued)								
Ethylbenzene	Not detected	ug/kg	60	5035/8260B	04/26/05 03:37	JGH	100-41-4	
2-Hexanone	Not detected	ug/kg	3,000	5035/8260B	04/26/05 03:37	JGH	591-78-6	
Isopropylbenzene	Not detected	ug/kg	60	5035/8260B	04/26/05 03:37	JGH	98-82-8	
p-Isopropyltoluene	Not detected	ug/kg	100	5035/8260B	04/26/05 03:37	JGH	99-87-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/kg	3,000	5035/8260B	04/26/05 03:37	JGH	108-10-1	
Methylene chloride	Not detected	ug/kg	300	5035/8260B	04/26/05 03:37	JGH	75-09-2	
tert-Methyl butyl ether (MTBE)	Not detected	ug/kg	300	5035/8260B	04/26/05 03:37	JGH	1634-04-4	
Naphthalene	Not detected	ug/kg	400	5035/8260B	04/26/05 03:37	JGH	91-20-3	
n-Propylbenzene	Not detected	ug/kg	100	5035/8260B	04/26/05 03:37	JGH	103-65-1	
Styrene	Not detected	ug/kg	60	5035/8260B	04/26/05 03:37	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/kg	60	5035/8260B	04/26/05 03:37	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/kg	60	5035/8260B	04/26/05 03:37	JGH	127-18-4	
Toluene	20	ug/kg	60	5035/8260B	04/26/05 03:37	JGH	108-88-3	J
1,1,1-Trichloroethane	Not detected	ug/kg	60	5035/8260B	04/26/05 03:37	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/kg	60	5035/8260B	04/26/05 03:37	JGH	79-00-5	
Trichloroethene	Not detected	ug/kg	60	5035/8260B	04/26/05 03:37	JGH	79-01-6	
Trichlorofluoromethane	Not detected	ug/kg	100	5035/8260B	04/26/05 03:37	JGH	75-69-4	
1,2,4-Trimethylbenzene	Not detected	ug/kg	100	5035/8260B	04/26/05 03:37	JGH	95-63-6	
1,3,5-Trimethylbenzene	Not detected	ug/kg	100	5035/8260B	04/26/05 03:37	JGH	108-67-8	
Vinyl chloride	Not detected	ug/kg	100	5035/8260B	04/26/05 03:37	JGH	75-01-4	
o-Xylene	Not detected	ug/kg	60	5035/8260B	04/26/05 03:37	JGH	95-47-6	
p,m-Xylene	Not detected	ug/kg	60	5035/8260B	04/26/05 03:37	JGH		

J-Estimated value less than reporting limit, but greater than MDL

Analytical Laboratory Report

Lab Sample ID: S21830.12
Sample Tag: SO-041405-037
Collected Date/Time: 04/14/2005 16:30
Matrix: Soil
COC Reference: 04106

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	40 ml Glass	MeOH	Yes	4	3
1	4oz. Glass	None	Yes	4	3

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Lead, Fine and Coarse Digestion	Completed				04/28/05 12:00	PER		
Lead, Fine and Coarse Prep	Completed			3050B	04/20/05 11:00	JRT		
Metal Digestion	Completed			3050B	04/28/05 15:30	MSH		
Metals								
% Coarse by Weight	93.0	%			04/20/05 11:00	JRT		
% Fine by Weight	7.0	%			04/20/05 11:00	JRT		
Total Solids	82	%	1	160.3	04/20/05 11:00	JRT		
Barium	96.3	mg/kg	1.0	6020	05/02/05 19:23	SLS	7440-39-3	
Lead, Coarse	13.2	mg/kg	1.0		05/02/05 18:54	PER		
Lead, Fine	62.2	mg/kg	1.0		05/02/05 17:58	PER		
Organics - Volatiles								
Volatile Organics OBG								
Acetone	Not detected	ug/kg	1,000	5035/8260B	04/26/05 04:09	JGH	67-64-1	
Benzene	Not detected	ug/kg	70	5035/8260B	04/26/05 04:09	JGH	71-43-2	
Bromodichloromethane	Not detected	ug/kg	70	5035/8260B	04/26/05 04:09	JGH	75-27-4	
Bromoform	Not detected	ug/kg	70	5035/8260B	04/26/05 04:09	JGH	75-25-2	
Bromomethane	Not detected	ug/kg	300	5035/8260B	04/26/05 04:09	JGH	74-83-9	
2-Butanone (MEK)	Not detected	ug/kg	1,000	5035/8260B	04/26/05 04:09	JGH	78-93-3	
n-Butylbenzene	Not detected	ug/kg	70	5035/8260B	04/26/05 04:09	JGH	104-51-8	
sec-Butylbenzene	Not detected	ug/kg	70	5035/8260B	04/26/05 04:09	JGH	135-98-8	
tert-Butylbenzene	Not detected	ug/kg	70	5035/8260B	04/26/05 04:09	JGH	98-06-6	
Carbon disulfide	Not detected	ug/kg	300	5035/8260B	04/26/05 04:09	JGH	75-15-0	
Carbon tetrachloride	Not detected	ug/kg	70	5035/8260B	04/26/05 04:09	JGH	56-23-5	
Chlorobenzene	Not detected	ug/kg	70	5035/8260B	04/26/05 04:09	JGH	108-90-7	
Chloroethane	Not detected	ug/kg	300	5035/8260B	04/26/05 04:09	JGH	75-00-3	
2-Chloroethylvinyl ether	Not detected	ug/kg	700	5035/8260B	04/26/05 04:09	JGH	110-75-8	
Chloroform	Not detected	ug/kg	70	5035/8260B	04/26/05 04:09	JGH	67-66-3	
Chloromethane	Not detected	ug/kg	300	5035/8260B	04/26/05 04:09	JGH	74-87-3	
Dibromochloromethane	Not detected	ug/kg	70	5035/8260B	04/26/05 04:09	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/kg	70	5035/8260B	04/26/05 04:09	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/kg	70	5035/8260B	04/26/05 04:09	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/kg	70	5035/8260B	04/26/05 04:09	JGH	106-46-7	
1,1-Dichloroethene	Not detected	ug/kg	70	5035/8260B	04/26/05 04:09	JGH	75-35-4	
1,2-Dichloroethane	Not detected	ug/kg	70	5035/8260B	04/26/05 04:09	JGH	107-06-2	
1,1-Dichloroethane	Not detected	ug/kg	70	5035/8260B	04/26/05 04:09	JGH	75-34-3	
cis-1,2-Dichloroethene	Not detected	ug/kg	70	5035/8260B	04/26/05 04:09	JGH	156-59-2	
trans-1,2-Dichloroethene	Not detected	ug/kg	70	5035/8260B	04/26/05 04:09	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/kg	70	5035/8260B	04/26/05 04:09	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/kg	70	5035/8260B	04/26/05 04:09	JGH	10061-01-5	
trans-1,3-Dichloropropene	Not detected	ug/kg	70	5035/8260B	04/26/05 04:09	JGH	10061-02-6	

Lab Sample ID: S21830.12 (continued)

Sample Tag: SO-041405-037

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics OBG (continued)								
Ethylbenzene	Not detected	ug/kg	70	5035/8260B	04/26/05 04:09	JGH	100-41-4	
2-Hexanone	Not detected	ug/kg	3,000	5035/8260B	04/26/05 04:09	JGH	591-78-6	
Isopropylbenzene	Not detected	ug/kg	70	5035/8260B	04/26/05 04:09	JGH	98-82-8	
p-Isopropyltoluene	Not detected	ug/kg	100	5035/8260B	04/26/05 04:09	JGH	99-87-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/kg	3,000	5035/8260B	04/26/05 04:09	JGH	108-10-1	
Methylene chloride	Not detected	ug/kg	300	5035/8260B	04/26/05 04:09	JGH	75-09-2	
tert-Methyl butyl ether (MTBE)	Not detected	ug/kg	300	5035/8260B	04/26/05 04:09	JGH	1634-04-4	
Naphthalene	Not detected	ug/kg	400	5035/8260B	04/26/05 04:09	JGH	91-20-3	
n-Propylbenzene	Not detected	ug/kg	100	5035/8260B	04/26/05 04:09	JGH	103-65-1	
Styrene	Not detected	ug/kg	70	5035/8260B	04/26/05 04:09	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/kg	70	5035/8260B	04/26/05 04:09	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/kg	70	5035/8260B	04/26/05 04:09	JGH	127-18-4	
Toluene	Not detected	ug/kg	70	5035/8260B	04/26/05 04:09	JGH	108-88-3	
1,1,1-Trichloroethane	Not detected	ug/kg	70	5035/8260B	04/26/05 04:09	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/kg	70	5035/8260B	04/26/05 04:09	JGH	79-00-5	
Trichloroethene	Not detected	ug/kg	70	5035/8260B	04/26/05 04:09	JGH	79-01-6	
Trichlorofluoromethane	Not detected	ug/kg	100	5035/8260B	04/26/05 04:09	JGH	75-69-4	
1,2,4-Trimethylbenzene	Not detected	ug/kg	100	5035/8260B	04/26/05 04:09	JGH	95-63-6	
1,3,5-Trimethylbenzene	Not detected	ug/kg	100	5035/8260B	04/26/05 04:09	JGH	108-67-8	
Vinyl chloride	Not detected	ug/kg	100	5035/8260B	04/26/05 04:09	JGH	75-01-4	
o-Xylene	Not detected	ug/kg	70	5035/8260B	04/26/05 04:09	JGH	95-47-6	
p,m-Xylene	Not detected	ug/kg	70	5035/8260B	04/26/05 04:09	JGH		

Analytical Laboratory Report

Lab Sample ID: S21830.13
Sample Tag: EB-041405
Collected Date/Time: 04/14/2005 17:00
Matrix: Water Quality
COC Reference: 04106

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	40 ml Glass	HCL	Yes	4	3
1	125ml Plastic	HNO3	Yes	4	3

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Metal Digestion	Completed			3015A	05/02/05 12:00	PER		
Metals								
Barium	Not detected	mg/L	0.010	200.8	05/02/05 20:17	PER	7440-39-3	
Lead	Not detected	mg/L	0.003	200.8	05/02/05 20:17	PER	7439-92-1	
Organics - Volatiles								
Volatile Organics OBG Water								
Acetone	6	ug/L	30	8260B	04/26/05 04:42	JGH	67-64-1	J
Benzene	Not detected	ug/L	1	8260B	04/26/05 04:42	JGH	71-43-2	
Bromodichloromethane	Not detected	ug/L	1	8260B	04/26/05 04:42	JGH	75-27-4	
Bromoform	Not detected	ug/L	1	8260B	04/26/05 04:42	JGH	75-25-2	
Bromomethane	Not detected	ug/L	2	8260B	04/26/05 04:42	JGH	74-83-9	
2-Butanone (MEK)	Not detected	ug/L	30	8260B	04/26/05 04:42	JGH	78-93-3	
n-Butylbenzene	Not detected	ug/L	1	8260B	04/26/05 04:42	JGH	104-51-8	
sec-Butylbenzene	Not detected	ug/L	1	8260B	04/26/05 04:42	JGH	135-98-8	
tert-Butylbenzene	Not detected	ug/L	1	8260B	04/26/05 04:42	JGH	98-06-6	
Carbon disulfide	Not detected	ug/L	5	8260B	04/26/05 04:42	JGH	75-15-0	
Carbon tetrachloride	Not detected	ug/L	1	8260B	04/26/05 04:42	JGH	56-23-5	
Chlorobenzene	Not detected	ug/L	1	8260B	04/26/05 04:42	JGH	108-90-7	
Chloroethane	Not detected	ug/L	1	8260B	04/26/05 04:42	JGH	75-00-3	
2-Chloroethylvinyl ether	Not detected	ug/L	10	8260B	04/26/05 04:42	JGH	110-75-8	
Chloroform	0.3	ug/L	1	8260B	04/26/05 04:42	JGH	67-66-3	J
Chloromethane	Not detected	ug/L	1	8260B	04/26/05 04:42	JGH	74-87-3	
Dibromochloromethane	Not detected	ug/L	1	8260B	04/26/05 04:42	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/L	1	8260B	04/26/05 04:42	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/L	1	8260B	04/26/05 04:42	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/L	1	8260B	04/26/05 04:42	JGH	106-46-7	
1,1-Dichloroethene	Not detected	ug/L	1	8260B	04/26/05 04:42	JGH	75-35-4	
1,2-Dichloroethane	Not detected	ug/L	1	8260B	04/26/05 04:42	JGH	107-06-2	
1,1-Dichloroethane	Not detected	ug/L	1	8260B	04/26/05 04:42	JGH	75-34-3	
cis-1,2-Dichloroethene	Not detected	ug/L	1	8260B	04/26/05 04:42	JGH	156-59-2	
trans-1,2-Dichloroethene	Not detected	ug/L	1	8260B	04/26/05 04:42	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/L	1	8260B	04/26/05 04:42	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/L	1	8260B	04/26/05 04:42	JGH	10061-01-5	
trans-1,3-Dichloropropene	Not detected	ug/L	1	8260B	04/26/05 04:42	JGH	10061-02-6	
Ethylbenzene	Not detected	ug/L	1	8260B	04/26/05 04:42	JGH	100-41-4	
2-Hexanone	Not detected	ug/L	50	8260B	04/26/05 04:42	JGH	591-78-6	
Isopropylbenzene	Not detected	ug/L	1	8260B	04/26/05 04:42	JGH	98-82-8	
p-Isopropyltoluene	Not detected	ug/L	5	8260B	04/26/05 04:42	JGH	99-87-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/L	1	8260B	04/26/05 04:42	JGH	108-10-1	

J-Estimated value less than reporting limit, but greater than MDL

Lab Sample ID: S21830.13 (continued)
Sample Tag: EB-041405

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics OBG Water (continued)								
Methylene chloride	Not detected	ug/L	5	8260B	04/26/05 04:42	JGH	75-09-2	
tert-Methyl butyl ether (MTBE)	Not detected	ug/L	5	8260B	04/26/05 04:42	JGH	1634-04-4	
Naphthalene	Not detected	ug/L	5	8260B	04/26/05 04:42	JGH	91-20-3	
n-Propylbenzene	Not detected	ug/L	5	8260B	04/26/05 04:42	JGH	103-65-1	
Styrene	Not detected	ug/L	1	8260B	04/26/05 04:42	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/L	1	8260B	04/26/05 04:42	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/L	1	8260B	04/26/05 04:42	JGH	127-18-4	
Toluene	Not detected	ug/L	1	8260B	04/26/05 04:42	JGH	108-88-3	
1,1,1-Trichloroethane	Not detected	ug/L	1	8260B	04/26/05 04:42	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/L	1	8260B	04/26/05 04:42	JGH	79-00-5	
Trichloroethene	Not detected	ug/L	1	8260B	04/26/05 04:42	JGH	79-01-6	
Trichlorofluoromethane	Not detected	ug/L	1	8260B	04/26/05 04:42	JGH	75-69-4	
1,2,4-Trimethylbenzene	Not detected	ug/L	1	8260B	04/26/05 04:42	JGH	95-63-6	
1,3,5-Trimethylbenzene	Not detected	ug/L	1	8260B	04/26/05 04:42	JGH	108-67-8	
Vinyl chloride	Not detected	ug/L	1	8260B	04/26/05 04:42	JGH	75-01-4	
o-Xylene	Not detected	ug/L	1	8260B	04/26/05 04:42	JGH	95-47-6	
p,m-Xylene	Not detected	ug/L	1	8260B	04/26/05 04:42	JGH		

Analytical Laboratory Report

Lab Sample ID: S21830.14
Sample Tag: FB-041405
Collected Date/Time: 04/14/2005 17:15
Matrix: Water Quality
COC Reference: 04106

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	40 ml Glass	HCL	Yes	4	3
1	125ml Plastic	HNO3	Yes	4	3

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Metal Digestion	Completed			3015A	05/02/05 12:00	PER		
Metals								
Barium	Not detected	mg/L	0.010	200.8	05/02/05 20:18	PER	7440-39-3	
Lead	Not detected	mg/L	0.003	200.8	05/02/05 20:18	PER	7439-92-1	
Organics - Volatiles								
Volatile Organics OBG Water								
Acetone	5	ug/L	30	8260B	04/26/05 05:15	JGH	67-64-1	J
Benzene	Not detected	ug/L	1	8260B	04/26/05 05:15	JGH	71-43-2	
Bromodichloromethane	Not detected	ug/L	1	8260B	04/26/05 05:15	JGH	75-27-4	
Bromoform	Not detected	ug/L	1	8260B	04/26/05 05:15	JGH	75-25-2	
Bromomethane	Not detected	ug/L	2	8260B	04/26/05 05:15	JGH	74-83-9	
2-Butanone (MEK)	Not detected	ug/L	30	8260B	04/26/05 05:15	JGH	78-93-3	
n-Butylbenzene	Not detected	ug/L	1	8260B	04/26/05 05:15	JGH	104-51-8	
sec-Butylbenzene	Not detected	ug/L	1	8260B	04/26/05 05:15	JGH	135-98-8	
tert-Butylbenzene	Not detected	ug/L	1	8260B	04/26/05 05:15	JGH	98-06-6	
Carbon disulfide	Not detected	ug/L	5	8260B	04/26/05 05:15	JGH	75-15-0	
Carbon tetrachloride	Not detected	ug/L	1	8260B	04/26/05 05:15	JGH	56-23-5	
Chlorobenzene	Not detected	ug/L	1	8260B	04/26/05 05:15	JGH	108-90-7	
Chloroethane	Not detected	ug/L	1	8260B	04/26/05 05:15	JGH	75-00-3	
2-Chloroethylvinyl ether	Not detected	ug/L	10	8260B	04/26/05 05:15	JGH	110-75-8	
Chloroform	0.4	ug/L	1	8260B	04/26/05 05:15	JGH	67-66-3	J
Chloromethane	Not detected	ug/L	1	8260B	04/26/05 05:15	JGH	74-87-3	
Dibromochloromethane	Not detected	ug/L	1	8260B	04/26/05 05:15	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/L	1	8260B	04/26/05 05:15	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/L	1	8260B	04/26/05 05:15	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/L	1	8260B	04/26/05 05:15	JGH	106-46-7	
1,1-Dichloroethene	Not detected	ug/L	1	8260B	04/26/05 05:15	JGH	75-35-4	
1,2-Dichloroethane	Not detected	ug/L	1	8260B	04/26/05 05:15	JGH	107-06-2	
1,1-Dichloroethane	Not detected	ug/L	1	8260B	04/26/05 05:15	JGH	75-34-3	
cis-1,2-Dichloroethene	Not detected	ug/L	1	8260B	04/26/05 05:15	JGH	156-59-2	
trans-1,2-Dichloroethene	Not detected	ug/L	1	8260B	04/26/05 05:15	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/L	1	8260B	04/26/05 05:15	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/L	1	8260B	04/26/05 05:15	JGH	10061-01-5	
trans-1,3-Dichloropropene	Not detected	ug/L	1	8260B	04/26/05 05:15	JGH	10061-02-6	
Ethylbenzene	Not detected	ug/L	1	8260B	04/26/05 05:15	JGH	100-41-4	
2-Hexanone	Not detected	ug/L	50	8260B	04/26/05 05:15	JGH	591-78-6	
Isopropylbenzene	Not detected	ug/L	1	8260B	04/26/05 05:15	JGH	98-82-8	
p-Isopropyltoluene	Not detected	ug/L	5	8260B	04/26/05 05:15	JGH	99-87-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/L	1	8260B	04/26/05 05:15	JGH	108-10-1	

J-Estimated value less than reporting limit, but greater than MDL

Lab Sample ID: S21830.14 (continued)

Sample Tag: FB-041405

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics OBG Water (continued)								
Methylene chloride	Not detected	ug/L	5	8260B	04/26/05 05:15	JGH	75-09-2	
tert-Methyl butyl ether (MTBE)	Not detected	ug/L	5	8260B	04/26/05 05:15	JGH	1634-04-4	
Naphthalene	Not detected	ug/L	5	8260B	04/26/05 05:15	JGH	91-20-3	
n-Propylbenzene	Not detected	ug/L	5	8260B	04/26/05 05:15	JGH	103-65-1	
Styrene	Not detected	ug/L	1	8260B	04/26/05 05:15	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/L	1	8260B	04/26/05 05:15	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/L	1	8260B	04/26/05 05:15	JGH	127-18-4	
Toluene	Not detected	ug/L	1	8260B	04/26/05 05:15	JGH	108-88-3	
1,1,1-Trichloroethane	Not detected	ug/L	1	8260B	04/26/05 05:15	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/L	1	8260B	04/26/05 05:15	JGH	79-00-5	
Trichloroethene	Not detected	ug/L	1	8260B	04/26/05 05:15	JGH	79-01-6	
Trichlorofluoromethane	Not detected	ug/L	1	8260B	04/26/05 05:15	JGH	75-69-4	
1,2,4-Trimethylbenzene	Not detected	ug/L	1	8260B	04/26/05 05:15	JGH	95-63-6	
1,3,5-Trimethylbenzene	Not detected	ug/L	1	8260B	04/26/05 05:15	JGH	108-67-8	
Vinyl chloride	Not detected	ug/L	1	8260B	04/26/05 05:15	JGH	75-01-4	
o-Xylene	Not detected	ug/L	1	8260B	04/26/05 05:15	JGH	95-47-6	
p,m-Xylene	Not detected	ug/L	1	8260B	04/26/05 05:15	JGH		

Analytical Laboratory Report

Lab Sample ID: S21830.15
Sample Tag: TB-041405
Collected Date/Time: 04/14/2005 18:00
Matrix: Water Quality
COC Reference: 04106

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	40 ml Glass	HCL	Yes	4	3

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles								
Volatile Organics OBG Water								
Acetone	7	ug/L	30	8260B	04/26/05 05:48	JGH	67-64-1	J
Benzene	Not detected	ug/L	1	8260B	04/26/05 05:48	JGH	71-43-2	
Bromodichloromethane	Not detected	ug/L	1	8260B	04/26/05 05:48	JGH	75-27-4	
Bromoform	Not detected	ug/L	1	8260B	04/26/05 05:48	JGH	75-25-2	
Bromomethane	Not detected	ug/L	2	8260B	04/26/05 05:48	JGH	74-83-9	
2-Butanone (MEK)	Not detected	ug/L	30	8260B	04/26/05 05:48	JGH	78-93-3	
n-Butylbenzene	Not detected	ug/L	1	8260B	04/26/05 05:48	JGH	104-51-8	
sec-Butylbenzene	Not detected	ug/L	1	8260B	04/26/05 05:48	JGH	135-98-8	
tert-Butylbenzene	Not detected	ug/L	1	8260B	04/26/05 05:48	JGH	98-06-6	
Carbon disulfide	Not detected	ug/L	5	8260B	04/26/05 05:48	JGH	75-15-0	
Carbon tetrachloride	Not detected	ug/L	1	8260B	04/26/05 05:48	JGH	56-23-5	
Chlorobenzene	Not detected	ug/L	1	8260B	04/26/05 05:48	JGH	108-90-7	
Chloroethane	Not detected	ug/L	1	8260B	04/26/05 05:48	JGH	75-00-3	
2-Chloroethylvinyl ether	Not detected	ug/L	10	8260B	04/26/05 05:48	JGH	110-75-8	
Chloroform	Not detected	ug/L	1	8260B	04/26/05 05:48	JGH	67-66-3	
Chloromethane	Not detected	ug/L	1	8260B	04/26/05 05:48	JGH	74-87-3	
Dibromochloromethane	Not detected	ug/L	1	8260B	04/26/05 05:48	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/L	1	8260B	04/26/05 05:48	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/L	1	8260B	04/26/05 05:48	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/L	1	8260B	04/26/05 05:48	JGH	106-46-7	
1,1-Dichloroethene	Not detected	ug/L	1	8260B	04/26/05 05:48	JGH	75-35-4	
1,2-Dichloroethane	Not detected	ug/L	1	8260B	04/26/05 05:48	JGH	107-06-2	
1,1-Dichloroethane	Not detected	ug/L	1	8260B	04/26/05 05:48	JGH	75-34-3	
cis-1,2-Dichloroethene	Not detected	ug/L	1	8260B	04/26/05 05:48	JGH	156-59-2	
trans-1,2-Dichloroethene	Not detected	ug/L	1	8260B	04/26/05 05:48	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/L	1	8260B	04/26/05 05:48	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/L	1	8260B	04/26/05 05:48	JGH	10061-01-5	
trans-1,3-Dichloropropene	Not detected	ug/L	1	8260B	04/26/05 05:48	JGH	10061-02-6	
Ethylbenzene	Not detected	ug/L	1	8260B	04/26/05 05:48	JGH	100-41-4	
2-Hexanone	Not detected	ug/L	50	8260B	04/26/05 05:48	JGH	591-78-6	
Isopropylbenzene	Not detected	ug/L	1	8260B	04/26/05 05:48	JGH	98-82-8	
p-Isopropyltoluene	Not detected	ug/L	5	8260B	04/26/05 05:48	JGH	99-87-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/L	1	8260B	04/26/05 05:48	JGH	108-10-1	
Methylene chloride	Not detected	ug/L	5	8260B	04/26/05 05:48	JGH	75-09-2	
tert-Methyl butyl ether (MTBE)	Not detected	ug/L	5	8260B	04/26/05 05:48	JGH	1634-04-4	
Naphthalene	Not detected	ug/L	5	8260B	04/26/05 05:48	JGH	91-20-3	
n-Propylbenzene	Not detected	ug/L	5	8260B	04/26/05 05:48	JGH	103-65-1	
Styrene	Not detected	ug/L	1	8260B	04/26/05 05:48	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/L	1	8260B	04/26/05 05:48	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/L	1	8260B	04/26/05 05:48	JGH	127-18-4	
Toluene	Not detected	ug/L	1	8260B	04/26/05 05:48	JGH	108-88-3	

J-Estimated value less than reporting limit, but greater than MDL

Lab Sample ID: S21830.15 (continued)

Sample Tag: TB-041405

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics OBG Water (continued)								
1,1,1-Trichloroethane	Not detected	ug/L	1	8260B	04/26/05 05:48	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/L	1	8260B	04/26/05 05:48	JGH	79-00-5	
Trichloroethene	Not detected	ug/L	1	8260B	04/26/05 05:48	JGH	79-01-6	
Trichlorofluoromethane	Not detected	ug/L	1	8260B	04/26/05 05:48	JGH	75-69-4	
1,2,4-Trimethylbenzene	Not detected	ug/L	1	8260B	04/26/05 05:48	JGH	95-63-6	
1,3,5-Trimethylbenzene	Not detected	ug/L	1	8260B	04/26/05 05:48	JGH	108-67-8	
Vinyl chloride	Not detected	ug/L	1	8260B	04/26/05 05:48	JGH	75-01-4	
o-Xylene	Not detected	ug/L	1	8260B	04/26/05 05:48	JGH	95-47-6	
p,m-Xylene	Not detected	ug/L	1	8260B	04/26/05 05:48	JGH		

GM REALM ENCORE

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

PAGE | OF

ID # Nº 04106

SSOW Ref. Code: R040005

Required Client Information:

Company: OBRIEN & GERE	Report To: TONY FINCH
Address: 33469 W. 14 MILE STE 150, FARMINGTON HILLS	Copy To: SANDY PILOWSKI
	Invoice To: SANDY PILOWSKI
	P.O.:
Phone: 248 661 3745	Project Name: DIX STORAGE LOT
Fax: 248 661 4057	Project Number: 34573
E-mail: pilowssm@obg.com	

Laboratory: MERIT LABS	
Laboratory Location: EAST LANSING, MI	
Laboratory Contact: MAYA MURSHAK	
Requested Due Date: 5/3/05	TAT: ROUTINE
QA/QC Requirements: LEVEL III DATA PACKAGE	

Valid Matrix Codes: WG Groundwater; WB Borehole Water; WS Surface Water; SO Soil; SE Sediment; SW Shake Test Water; WQ Water QC

Analysis and Method

Sample Identification:	QA/QC Code	Matrix Code	Date Collected	Time Collected	# Containers	Preservative: Unpreserved	HCl	H2SO4	HNO3	NaOH	Other: MeOH	VOCs 8260B	Barium 200.8	LEAD, TOTAL/DISSOLVED	Remarks/Lab ID
21830 SO-041405-026		SO	4/14/05	0845	3	1					2	X	X	X	OB6-214 4-6
,01 SO-041405-027	(FD)	SO			3	1					2	X	X	X	
,02 SO-041405-028		SO		1000	3	1					2	X	X	X	OB6-215 4-6
,03 SO-041405-029		SO		1040	3	1					2	X	X	X	OB6-216 8-10
,04 SO-041405-030	(MS/MSD)	SO		1040	6	2					4	X	X	X	OB6-216 8-10
,05 SO-041405-031	(MSD)	SO		1040	3	1					2	X	X	X	OB6-216 8-10
,07 SO-041405-032		SO		1130	3	1					2	X	X	X	OB6-217 6-8
,06 SO-041405-033	(FC)	SO		1130	3	1					2	X	X	X	OB6-217 6-8
,09 SO-041405-034		SO		1330	3	1					2	X	X	X	OB6-218 3-5
,10 SO-041405-035		SO		1430	3	1					2	X	X	X	OB6-219 3-5
,11 SO-041405-036		SO		1530	3	1			5		3	X	X	X	OB6-220 5-7
,12 SO-041405-037		SO		1630	3	1			5		2	X	X	X	OB6-221 5-7
,13 EB-041405		WQ		1700	3		2		1			X	X	X	
,14 FB-041405		WQ		1715	3		2		1			X	X	X	
,15 TB-041405		WQ		1800	2		2					X			
TOTAL NUMBER OF CONTAINERS					44										

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
MERIT PICKUP	1	OBRIEN & GERE	4/15/05	1100		4-15-05	1100
AIRBILL NO.			4-15-05	1230		4-15-05	1230

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

LEVEL III DATA PACKAGE

FD = FIELD DUPLICATE
FC = FIELD COLLOCATED

Sampler Name: MIKE ROBISON

Sampler Signature: Date: 4/14/05

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV. 0 (6/04)

Analytical Laboratory Report

Report ID: S21831.01(01)
Generated on 05/03/2005

Report to

Attention: Tony Finch/ Sandy Pelowski
O'Brien & Gere Engineers
33469 West 14 Mile Road, Suite 150
Farmington Hills, MI 48331

Phone: 248-661-3745 FAX: 248-661-4057

Report produced by

Merit Laboratories
2680 East Lansing Drive
East Lansing, MI 48823

Phone: (517) 332-0167 FAX: (517) 332-6333

Report Summary

Lab Sample ID(s): S21831.01-S21831.11
Project: 34573 Die Storage Lot SSOW# R040005
Submitted Date/Time: 04/15/2005 12:30
Sampled by: Mike Robison
P.O. #: 409131

Report Notes

Results relate only to items tested.
Methods may be modified for improved performance.
Results reported on a dry weight basis where applicable.
""Not detected"" indicates that parameter was not found at a level equal to or greater than the RDL.
Report shall not be reproduced except in full, without the written approval of Merit Laboratories.

Violetta F. Murshak
Laboratory Director

Lab Sample ID: S21831.01
Sample Tag: SO-041505-038
Collected Date/Time: 04/15/2005 08:00
Matrix: Soil
COC Reference: 04108

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	40 ml Glass	MeOH	Yes	4	3
1	4oz. Glass	None	Yes	4	3

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Lead, Fine and Coarse Digestion	Completed				04/28/05 12:00	PER		
Lead, Fine and Coarse Prep	Completed			3050B	04/20/05 11:00	JRT		
Metal Digestion	Completed			3050B	04/28/05 15:30	MSH		
Metals								
% Coarse by Weight	83.3	%			04/20/05 11:00	JRT		
% Fine by Weight	16.7	%			04/20/05 11:00	JRT		
Total Solids	85	%	1	160.3	04/20/05 11:00	JRT		
Barium	46.1	mg/kg	1.0	6020	05/02/05 19:33	SLS	7440-39-3	
Lead, Coarse	6.84	mg/kg	1.0		05/02/05 19:00	PER		
Lead, Fine	22.2	mg/kg	1.0		05/02/05 18:04	PER		
Organics - Volatiles								
Volatile Organics OBG								
Acetone	Not detected	ug/kg	800	5035/8260B	04/27/05 23:07	JGH	67-64-1	
Benzene	Not detected	ug/kg	50	5035/8260B	04/27/05 23:07	JGH	71-43-2	
Bromodichloromethane	Not detected	ug/kg	50	5035/8260B	04/27/05 23:07	JGH	75-27-4	
Bromoform	Not detected	ug/kg	50	5035/8260B	04/27/05 23:07	JGH	75-25-2	
Bromomethane	Not detected	ug/kg	300	5035/8260B	04/27/05 23:07	JGH	74-83-9	
2-Butanone (MEK)	Not detected	ug/kg	800	5035/8260B	04/27/05 23:07	JGH	78-93-3	
n-Butylbenzene	Not detected	ug/kg	50	5035/8260B	04/27/05 23:07	JGH	104-51-8	
sec-Butylbenzene	Not detected	ug/kg	50	5035/8260B	04/27/05 23:07	JGH	135-98-8	
tert-Butylbenzene	Not detected	ug/kg	50	5035/8260B	04/27/05 23:07	JGH	98-06-6	
Carbon disulfide	Not detected	ug/kg	300	5035/8260B	04/27/05 23:07	JGH	75-15-0	
Carbon tetrachloride	Not detected	ug/kg	50	5035/8260B	04/27/05 23:07	JGH	56-23-5	
Chlorobenzene	Not detected	ug/kg	50	5035/8260B	04/27/05 23:07	JGH	108-90-7	
Chloroethane	Not detected	ug/kg	300	5035/8260B	04/27/05 23:07	JGH	75-00-3	
2-Chloroethylvinyl ether	Not detected	ug/kg	500	5035/8260B	04/27/05 23:07	JGH	110-75-8	
Chloroform	Not detected	ug/kg	50	5035/8260B	04/27/05 23:07	JGH	67-66-3	
Chloromethane	Not detected	ug/kg	300	5035/8260B	04/27/05 23:07	JGH	74-87-3	
Dibromochloromethane	Not detected	ug/kg	50	5035/8260B	04/27/05 23:07	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/kg	50	5035/8260B	04/27/05 23:07	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/kg	50	5035/8260B	04/27/05 23:07	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/kg	50	5035/8260B	04/27/05 23:07	JGH	106-46-7	
1,1-Dichloroethene	Not detected	ug/kg	50	5035/8260B	04/27/05 23:07	JGH	75-35-4	
1,2-Dichloroethane	Not detected	ug/kg	50	5035/8260B	04/27/05 23:07	JGH	107-06-2	
1,1-Dichloroethane	Not detected	ug/kg	50	5035/8260B	04/27/05 23:07	JGH	75-34-3	
cis-1,2-Dichloroethene	Not detected	ug/kg	50	5035/8260B	04/27/05 23:07	JGH	156-59-2	
trans-1,2-Dichloroethene	Not detected	ug/kg	50	5035/8260B	04/27/05 23:07	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/kg	50	5035/8260B	04/27/05 23:07	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/kg	50	5035/8260B	04/27/05 23:07	JGH	10061-01-5	
trans-1,3-Dichloropropene	Not detected	ug/kg	50	5035/8260B	04/27/05 23:07	JGH	10061-02-6	

Lab Sample ID: S21831.01 (continued)

Sample Tag: SO-041505-038

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics OBG (continued)								
Ethylbenzene	Not detected	ug/kg	50	5035/8260B	04/27/05 23:07	JGH	100-41-4	
2-Hexanone	Not detected	ug/kg	3,000	5035/8260B	04/27/05 23:07	JGH	591-78-6	
Isopropylbenzene	Not detected	ug/kg	50	5035/8260B	04/27/05 23:07	JGH	98-82-8	
p-Isopropyltoluene	Not detected	ug/kg	100	5035/8260B	04/27/05 23:07	JGH	99-87-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/kg	3,000	5035/8260B	04/27/05 23:07	JGH	108-10-1	
Methylene chloride	Not detected	ug/kg	300	5035/8260B	04/27/05 23:07	JGH	75-09-2	
tert-Methyl butyl ether (MTBE)	Not detected	ug/kg	300	5035/8260B	04/27/05 23:07	JGH	1634-04-4	
Naphthalene	Not detected	ug/kg	300	5035/8260B	04/27/05 23:07	JGH	91-20-3	
n-Propylbenzene	Not detected	ug/kg	100	5035/8260B	04/27/05 23:07	JGH	103-65-1	
Styrene	Not detected	ug/kg	50	5035/8260B	04/27/05 23:07	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/kg	50	5035/8260B	04/27/05 23:07	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/kg	50	5035/8260B	04/27/05 23:07	JGH	127-18-4	
Toluene	Not detected	ug/kg	50	5035/8260B	04/27/05 23:07	JGH	108-88-3	
1,1,1-Trichloroethane	Not detected	ug/kg	50	5035/8260B	04/27/05 23:07	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/kg	50	5035/8260B	04/27/05 23:07	JGH	79-00-5	
Trichloroethene	Not detected	ug/kg	50	5035/8260B	04/27/05 23:07	JGH	79-01-6	
Trichlorofluoromethane	Not detected	ug/kg	100	5035/8260B	04/27/05 23:07	JGH	75-69-4	
1,2,4-Trimethylbenzene	Not detected	ug/kg	100	5035/8260B	04/27/05 23:07	JGH	95-63-6	
1,3,5-Trimethylbenzene	Not detected	ug/kg	100	5035/8260B	04/27/05 23:07	JGH	108-67-8	
Vinyl chloride	Not detected	ug/kg	100	5035/8260B	04/27/05 23:07	JGH	75-01-4	
o-Xylene	Not detected	ug/kg	50	5035/8260B	04/27/05 23:07	JGH	95-47-6	
p,m-Xylene	Not detected	ug/kg	50	5035/8260B	04/27/05 23:07	JGH		

Analytical Laboratory Report

Lab Sample ID: S21831.02
Sample Tag: SO-041505-039MS
Collected Date/Time: 04/15/2005 08:00
Matrix: Soil
COC Reference: 04108

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	40 ml Glass	MeOH	Yes	4	3
1	4oz. Glass	None	Yes	4	3

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Lead, Fine and Coarse Digestion	Completed				04/28/05 12:00	PER		
Lead, Fine and Coarse Prep	Completed			3050B	04/20/05 11:00	JRT		
Metal Digestion	Completed			3050B	04/28/05 15:30	MSH		
Metals								
% Coarse by Weight	83.3	%			04/20/05 11:00	JRT		
% Fine by Weight	16.7	%			04/20/05 11:00	JRT		
Total Solids	85	%	1	160.3	04/20/05 11:00	JRT		
Barium	62.8	mg/kg	1.0	6020	05/02/05 19:56	SLS	7440-39-3	
Lead, Coarse	43.4	mg/kg	1.0		05/02/05 19:01	PER		
Lead, Fine	72.8	mg/kg	1.0		05/02/05 18:05	PER		
Organics - Volatiles								
Volatile Organics OBG								
Acetone	1,300	ug/kg	800	5035/8260B	04/28/05 02:26	JGH	67-64-1	1
Benzene	1,480	ug/kg	50	5035/8260B	04/28/05 02:26	JGH	71-43-2	1
Bromodichloromethane	1,290	ug/kg	50	5035/8260B	04/28/05 02:26	JGH	75-27-4	1
Bromoform	1,050	ug/kg	50	5035/8260B	04/28/05 02:26	JGH	75-25-2	1
Bromomethane	1,300	ug/kg	300	5035/8260B	04/28/05 02:26	JGH	74-83-9	1
2-Butanone (MEK)	1,200	ug/kg	800	5035/8260B	04/28/05 02:26	JGH	78-93-3	1
n-Butylbenzene	1,160	ug/kg	50	5035/8260B	04/28/05 02:26	JGH	104-51-8	1
sec-Butylbenzene	1,120	ug/kg	50	5035/8260B	04/28/05 02:26	JGH	135-98-8	1
tert-Butylbenzene	1,360	ug/kg	50	5035/8260B	04/28/05 02:26	JGH	98-06-6	1
Carbon disulfide	800	ug/kg	300	5035/8260B	04/28/05 02:26	JGH	75-15-0	1
Carbon tetrachloride	1,150	ug/kg	50	5035/8260B	04/28/05 02:26	JGH	56-23-5	1
Chlorobenzene	1,420	ug/kg	50	5035/8260B	04/28/05 02:26	JGH	108-90-7	1
Chloroethane	200	ug/kg	300	5035/8260B	04/28/05 02:26	JGH	75-00-3	J1
2-Chloroethylvinyl ether	1,400	ug/kg	500	5035/8260B	04/28/05 02:26	JGH	110-75-8	1
Chloroform	1,300	ug/kg	50	5035/8260B	04/28/05 02:26	JGH	67-66-3	1
Chloromethane	1,300	ug/kg	300	5035/8260B	04/28/05 02:26	JGH	74-87-3	1
Dibromochloromethane	1,140	ug/kg	50	5035/8260B	04/28/05 02:26	JGH	124-48-1	1
1,2-Dichlorobenzene	1,350	ug/kg	50	5035/8260B	04/28/05 02:26	JGH	95-50-1	1
1,3-Dichlorobenzene	1,300	ug/kg	50	5035/8260B	04/28/05 02:26	JGH	541-73-1	1
1,4-Dichlorobenzene	1,300	ug/kg	50	5035/8260B	04/28/05 02:26	JGH	106-46-7	1
1,1-Dichloroethene	1,130	ug/kg	50	5035/8260B	04/28/05 02:26	JGH	75-35-4	1
1,2-Dichloroethane	1,570	ug/kg	50	5035/8260B	04/28/05 02:26	JGH	107-06-2	1
1,1-Dichloroethane	1,330	ug/kg	50	5035/8260B	04/28/05 02:26	JGH	75-34-3	1
cis-1,2-Dichloroethene	1,340	ug/kg	50	5035/8260B	04/28/05 02:26	JGH	156-59-2	1
trans-1,2-Dichloroethene	1,150	ug/kg	50	5035/8260B	04/28/05 02:26	JGH	156-60-5	1
1,2-Dichloropropane	1,550	ug/kg	50	5035/8260B	04/28/05 02:26	JGH	78-87-5	1

1-Spiked at 1.25mg/kg
J-Estimated value less than reporting limit, but greater than MDL

Lab Sample ID: S21831.02 (continued)

Sample Tag: SO-041505-039MS

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics OBG (continued)								
cis-1,3-Dichloropropene	1,370	ug/kg	50	5035/8260B	04/28/05 02:26	JGH	10061-01-5	1
trans-1,3-Dichloropropene	1,410	ug/kg	50	5035/8260B	04/28/05 02:26	JGH	10061-02-6	1
Ethylbenzene	1,430	ug/kg	50	5035/8260B	04/28/05 02:26	JGH	100-41-4	1
2-Hexanone	1,000	ug/kg	3,000	5035/8260B	04/28/05 02:26	JGH	591-78-6	J1
Isopropylbenzene	1,490	ug/kg	50	5035/8260B	04/28/05 02:26	JGH	98-82-8	1
p-Isopropyltoluene	1,300	ug/kg	100	5035/8260B	04/28/05 02:26	JGH	99-87-6	1
4-Methyl-2-pentanone (MIBK)	1,000	ug/kg	3,000	5035/8260B	04/28/05 02:26	JGH	108-10-1	J1
Methylene chloride	1,500	ug/kg	300	5035/8260B	04/28/05 02:26	JGH	75-09-2	1
tert-Methyl butyl ether (MTBE)	1,000	ug/kg	300	5035/8260B	04/28/05 02:26	JGH	1634-04-4	1
Naphthalene	1,200	ug/kg	300	5035/8260B	04/28/05 02:26	JGH	91-20-3	1
n-Propylbenzene	1,400	ug/kg	100	5035/8260B	04/28/05 02:26	JGH	103-65-1	1
Styrene	1,360	ug/kg	50	5035/8260B	04/28/05 02:26	JGH	100-42-5	1
1,1,2,2-Tetrachloroethane	1,410	ug/kg	50	5035/8260B	04/28/05 02:26	JGH	79-34-5	1
Tetrachloroethene	1,540	ug/kg	50	5035/8260B	04/28/05 02:26	JGH	127-18-4	1
Toluene	1,560	ug/kg	50	5035/8260B	04/28/05 02:26	JGH	108-88-3	1
1,1,1-Trichloroethane	1,180	ug/kg	50	5035/8260B	04/28/05 02:26	JGH	71-55-6	1
1,1,2-Trichloroethane	1,480	ug/kg	50	5035/8260B	04/28/05 02:26	JGH	79-00-5	1
Trichloroethene	1,390	ug/kg	50	5035/8260B	04/28/05 02:26	JGH	79-01-6	1
Trichlorofluoromethane	1,300	ug/kg	100	5035/8260B	04/28/05 02:26	JGH	75-69-4	1
1,2,4-Trimethylbenzene	1,400	ug/kg	100	5035/8260B	04/28/05 02:26	JGH	95-63-6	1
1,3,5-Trimethylbenzene	1,400	ug/kg	100	5035/8260B	04/28/05 02:26	JGH	108-67-8	1
Vinyl chloride	1,600	ug/kg	100	5035/8260B	04/28/05 02:26	JGH	75-01-4	1
o-Xylene	1,460	ug/kg	50	5035/8260B	04/28/05 02:26	JGH	95-47-6	1
p,m-Xylene	2,940	ug/kg	50	5035/8260B	04/28/05 02:26	JGH		1

1-Spiked at 1.25mg/kg

J-Estimated value less than reporting limit, but greater than MDL

Analytical Laboratory Report

Lab Sample ID: S21831.03
Sample Tag: SO-041505-039MSD
Collected Date/Time: 04/15/2005 08:00
Matrix: Soil
COC Reference: 04108

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	40 ml Glass	MeOH	Yes	4	3
1	4oz. Glass	None	Yes	4	3

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Lead, Fine and Coarse Digestion	Completed				04/28/05 12:00	PER		
Lead, Fine and Coarse Prep	Completed			3050B	04/20/05 11:00	JRT		
Metal Digestion	Completed			3050B	04/28/05 15:30	MSH		
Metals								
% Coarse by Weight	83.3	%			04/20/05 11:00	JRT		
% Fine by Weight	16.7	%			04/20/05 11:00	JRT		
Total Solids	85	%	1	160.3	04/20/05 11:00	JRT		
Barium	62.0	mg/kg	1.0	6020	05/02/05 19:57	SLS	7440-39-3	
Lead, Coarse	40.9	mg/kg	1.0		05/02/05 19:02	PER		
Lead, Fine	73.6	mg/kg	1.0		05/02/05 18:06	PER		
Organics - Volatiles								
Volatile Organics OBG								
Acetone	1,300	ug/kg	800	5035/8260B	04/28/05 02:59	JGH	67-64-1	1
Benzene	1,610	ug/kg	50	5035/8260B	04/28/05 02:59	JGH	71-43-2	1
Bromodichloromethane	1,380	ug/kg	50	5035/8260B	04/28/05 02:59	JGH	75-27-4	1
Bromoform	1,040	ug/kg	50	5035/8260B	04/28/05 02:59	JGH	75-25-2	1
Bromomethane	1,400	ug/kg	300	5035/8260B	04/28/05 02:59	JGH	74-83-9	1
2-Butanone (MEK)	1,200	ug/kg	800	5035/8260B	04/28/05 02:59	JGH	78-93-3	1
n-Butylbenzene	1,340	ug/kg	50	5035/8260B	04/28/05 02:59	JGH	104-51-8	1
sec-Butylbenzene	1,280	ug/kg	50	5035/8260B	04/28/05 02:59	JGH	135-98-8	1
tert-Butylbenzene	1,480	ug/kg	50	5035/8260B	04/28/05 02:59	JGH	98-06-6	1
Carbon disulfide	900	ug/kg	300	5035/8260B	04/28/05 02:59	JGH	75-15-0	1
Carbon tetrachloride	1,240	ug/kg	50	5035/8260B	04/28/05 02:59	JGH	56-23-5	1
Chlorobenzene	1,500	ug/kg	50	5035/8260B	04/28/05 02:59	JGH	108-90-7	1
Chloroethane	300	ug/kg	300	5035/8260B	04/28/05 02:59	JGH	75-00-3	1
2-Chloroethylvinyl ether	1,400	ug/kg	500	5035/8260B	04/28/05 02:59	JGH	110-75-8	1
Chloroform	1,460	ug/kg	50	5035/8260B	04/28/05 02:59	JGH	67-66-3	1
Chloromethane	1,500	ug/kg	300	5035/8260B	04/28/05 02:59	JGH	74-87-3	1
Dibromochloromethane	1,170	ug/kg	50	5035/8260B	04/28/05 02:59	JGH	124-48-1	1
1,2-Dichlorobenzene	1,390	ug/kg	50	5035/8260B	04/28/05 02:59	JGH	95-50-1	1
1,3-Dichlorobenzene	1,400	ug/kg	50	5035/8260B	04/28/05 02:59	JGH	541-73-1	1
1,4-Dichlorobenzene	1,360	ug/kg	50	5035/8260B	04/28/05 02:59	JGH	106-46-7	1
1,1-Dichloroethene	1,320	ug/kg	50	5035/8260B	04/28/05 02:59	JGH	75-35-4	1
1,2-Dichloroethane	1,570	ug/kg	50	5035/8260B	04/28/05 02:59	JGH	107-06-2	1
1,1-Dichloroethane	1,440	ug/kg	50	5035/8260B	04/28/05 02:59	JGH	75-34-3	1
cis-1,2-Dichloroethene	1,470	ug/kg	50	5035/8260B	04/28/05 02:59	JGH	156-59-2	1
trans-1,2-Dichloroethene	1,260	ug/kg	50	5035/8260B	04/28/05 02:59	JGH	156-60-5	1
1,2-Dichloropropane	1,590	ug/kg	50	5035/8260B	04/28/05 02:59	JGH	78-87-5	1
cis-1,3-Dichloropropene	1,420	ug/kg	50	5035/8260B	04/28/05 02:59	JGH	10061-01-5	1

1-Spiked at 1.25mg/kg

Lab Sample ID: S21831.03 (continued)

Sample Tag: SO-041505-039MSD

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics OBG (continued)								
trans-1,3-Dichloropropene	1,400	ug/kg	50	5035/8260B	04/28/05 02:59	JGH	10061-02-6	1
Ethylbenzene	1,520	ug/kg	50	5035/8260B	04/28/05 02:59	JGH	100-41-4	1
2-Hexanone	1,000	ug/kg	3,000	5035/8260B	04/28/05 02:59	JGH	591-78-6	J1
Isopropylbenzene	1,570	ug/kg	50	5035/8260B	04/28/05 02:59	JGH	98-82-8	1
p-Isopropyltoluene	1,400	ug/kg	100	5035/8260B	04/28/05 02:59	JGH	99-87-6	1
4-Methyl-2-pentanone (MIBK)	1,000	ug/kg	3,000	5035/8260B	04/28/05 02:59	JGH	108-10-1	J1
Methylene chloride	1,600	ug/kg	300	5035/8260B	04/28/05 02:59	JGH	75-09-2	1
tert-Methyl butyl ether (MTBE)	1,000	ug/kg	300	5035/8260B	04/28/05 02:59	JGH	1634-04-4	1
Naphthalene	1,300	ug/kg	300	5035/8260B	04/28/05 02:59	JGH	91-20-3	1
n-Propylbenzene	1,400	ug/kg	100	5035/8260B	04/28/05 02:59	JGH	103-65-1	1
Styrene	1,440	ug/kg	50	5035/8260B	04/28/05 02:59	JGH	100-42-5	1
1,1,2,2-Tetrachloroethane	1,340	ug/kg	50	5035/8260B	04/28/05 02:59	JGH	79-34-5	1
Tetrachloroethene	1,710	ug/kg	50	5035/8260B	04/28/05 02:59	JGH	127-18-4	1
Toluene	1,640	ug/kg	50	5035/8260B	04/28/05 02:59	JGH	108-88-3	1
1,1,1-Trichloroethane	1,410	ug/kg	50	5035/8260B	04/28/05 02:59	JGH	71-55-6	1
1,1,2-Trichloroethane	1,460	ug/kg	50	5035/8260B	04/28/05 02:59	JGH	79-00-5	1
Trichloroethene	1,550	ug/kg	50	5035/8260B	04/28/05 02:59	JGH	79-01-6	1
Trichlorofluoromethane	1,500	ug/kg	100	5035/8260B	04/28/05 02:59	JGH	75-69-4	1
1,2,4-Trimethylbenzene	1,400	ug/kg	100	5035/8260B	04/28/05 02:59	JGH	95-63-6	1
1,3,5-Trimethylbenzene	1,500	ug/kg	100	5035/8260B	04/28/05 02:59	JGH	108-67-8	1
Vinyl chloride	1,900	ug/kg	100	5035/8260B	04/28/05 02:59	JGH	75-01-4	1
o-Xylene	1,550	ug/kg	50	5035/8260B	04/28/05 02:59	JGH	95-47-6	1
p,m-Xylene	3,140	ug/kg	50	5035/8260B	04/28/05 02:59	JGH		1

1-Spiked at 1.25mg/kg

J-Estimated value less than reporting limit, but greater than MDL

Analytical Laboratory Report

Lab Sample ID: S21831.04
Sample Tag: SO-041505-040
Collected Date/Time: 04/15/2005 09:00
Matrix: Soil
COC Reference: 04108

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	40 ml Glass	MeOH	Yes	4	3
1	4oz. Glass	None	Yes	4	3

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Lead, Fine and Coarse Digestion	Completed				04/28/05 12:00	PER		
Lead, Fine and Coarse Prep	Completed			3050B	04/20/05 11:00	JRT		
Metal Digestion	Completed			3050B	04/28/05 15:30	MSH		
Metals								
% Coarse by Weight	85.7	%			04/20/05 11:00	JRT		
% Fine by Weight	14.3	%			04/20/05 11:00	JRT		
Total Solids	87	%	1	160.3	04/20/05 11:00	JRT		
Barium	60.9	mg/kg	1.0	6020	05/02/05 19:24	SLS	7440-39-3	
Lead, Coarse	5.95	mg/kg	1.0		05/02/05 19:03	PER		
Lead, Fine	27.2	mg/kg	1.0		05/02/05 18:07	PER		
Organics - Volatiles								
Volatile Organics OBG								
Acetone	Not detected	ug/kg	900	5035/8260B	04/27/05 23:41	JGH	67-64-1	
Benzene	Not detected	ug/kg	60	5035/8260B	04/27/05 23:41	JGH	71-43-2	
Bromodichloromethane	Not detected	ug/kg	60	5035/8260B	04/27/05 23:41	JGH	75-27-4	
Bromoform	Not detected	ug/kg	60	5035/8260B	04/27/05 23:41	JGH	75-25-2	
Bromomethane	Not detected	ug/kg	300	5035/8260B	04/27/05 23:41	JGH	74-83-9	
2-Butanone (MEK)	Not detected	ug/kg	900	5035/8260B	04/27/05 23:41	JGH	78-93-3	
n-Butylbenzene	Not detected	ug/kg	60	5035/8260B	04/27/05 23:41	JGH	104-51-8	
sec-Butylbenzene	Not detected	ug/kg	60	5035/8260B	04/27/05 23:41	JGH	135-98-8	
tert-Butylbenzene	Not detected	ug/kg	60	5035/8260B	04/27/05 23:41	JGH	98-06-6	
Carbon disulfide	Not detected	ug/kg	300	5035/8260B	04/27/05 23:41	JGH	75-15-0	
Carbon tetrachloride	Not detected	ug/kg	60	5035/8260B	04/27/05 23:41	JGH	56-23-5	
Chlorobenzene	Not detected	ug/kg	60	5035/8260B	04/27/05 23:41	JGH	108-90-7	
Chloroethane	Not detected	ug/kg	300	5035/8260B	04/27/05 23:41	JGH	75-00-3	
2-Chloroethylvinyl ether	Not detected	ug/kg	600	5035/8260B	04/27/05 23:41	JGH	110-75-8	
Chloroform	Not detected	ug/kg	60	5035/8260B	04/27/05 23:41	JGH	67-66-3	
Chloromethane	Not detected	ug/kg	300	5035/8260B	04/27/05 23:41	JGH	74-87-3	
Dibromochloromethane	Not detected	ug/kg	60	5035/8260B	04/27/05 23:41	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/kg	60	5035/8260B	04/27/05 23:41	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/kg	60	5035/8260B	04/27/05 23:41	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/kg	60	5035/8260B	04/27/05 23:41	JGH	106-46-7	
1,1-Dichloroethene	Not detected	ug/kg	60	5035/8260B	04/27/05 23:41	JGH	75-35-4	
1,2-Dichloroethane	Not detected	ug/kg	60	5035/8260B	04/27/05 23:41	JGH	107-06-2	
1,1-Dichloroethane	Not detected	ug/kg	60	5035/8260B	04/27/05 23:41	JGH	75-34-3	
cis-1,2-Dichloroethene	Not detected	ug/kg	60	5035/8260B	04/27/05 23:41	JGH	156-59-2	
trans-1,2-Dichloroethene	Not detected	ug/kg	60	5035/8260B	04/27/05 23:41	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/kg	60	5035/8260B	04/27/05 23:41	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/kg	60	5035/8260B	04/27/05 23:41	JGH	10061-01-5	
trans-1,3-Dichloropropene	Not detected	ug/kg	60	5035/8260B	04/27/05 23:41	JGH	10061-02-6	

Lab Sample ID: S21831.04 (continued)

Sample Tag: SO-041505-040

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics OBG (continued)								
Ethylbenzene	Not detected	ug/kg	60	5035/8260B	04/27/05 23:41	JGH	100-41-4	
2-Hexanone	Not detected	ug/kg	3,000	5035/8260B	04/27/05 23:41	JGH	591-78-6	
Isopropylbenzene	Not detected	ug/kg	60	5035/8260B	04/27/05 23:41	JGH	98-82-8	
p-Isopropyltoluene	Not detected	ug/kg	100	5035/8260B	04/27/05 23:41	JGH	99-87-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/kg	3,000	5035/8260B	04/27/05 23:41	JGH	108-10-1	
Methylene chloride	Not detected	ug/kg	300	5035/8260B	04/27/05 23:41	JGH	75-09-2	
tert-Methyl butyl ether (MTBE)	Not detected	ug/kg	300	5035/8260B	04/27/05 23:41	JGH	1634-04-4	
Naphthalene	Not detected	ug/kg	400	5035/8260B	04/27/05 23:41	JGH	91-20-3	
n-Propylbenzene	Not detected	ug/kg	100	5035/8260B	04/27/05 23:41	JGH	103-65-1	
Styrene	Not detected	ug/kg	60	5035/8260B	04/27/05 23:41	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/kg	60	5035/8260B	04/27/05 23:41	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/kg	60	5035/8260B	04/27/05 23:41	JGH	127-18-4	
Toluene	Not detected	ug/kg	60	5035/8260B	04/27/05 23:41	JGH	108-88-3	
1,1,1-Trichloroethane	Not detected	ug/kg	60	5035/8260B	04/27/05 23:41	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/kg	60	5035/8260B	04/27/05 23:41	JGH	79-00-5	
Trichloroethene	Not detected	ug/kg	60	5035/8260B	04/27/05 23:41	JGH	79-01-6	
Trichlorofluoromethane	Not detected	ug/kg	100	5035/8260B	04/27/05 23:41	JGH	75-69-4	
1,2,4-Trimethylbenzene	Not detected	ug/kg	100	5035/8260B	04/27/05 23:41	JGH	95-63-6	
1,3,5-Trimethylbenzene	Not detected	ug/kg	100	5035/8260B	04/27/05 23:41	JGH	108-67-8	
Vinyl chloride	Not detected	ug/kg	100	5035/8260B	04/27/05 23:41	JGH	75-01-4	
o-Xylene	Not detected	ug/kg	60	5035/8260B	04/27/05 23:41	JGH	95-47-6	
p,m-Xylene	Not detected	ug/kg	60	5035/8260B	04/27/05 23:41	JGH		

Analytical Laboratory Report

Lab Sample ID: S21831.05
Sample Tag: SO-041505-041
Collected Date/Time: 04/15/2005 09:00
Matrix: Soil
COC Reference: 04108

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	40 ml Glass	MeOH	Yes	4	3
1	4oz. Glass	None	Yes	4	3

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Lead, Fine and Coarse Digestion	Completed				04/28/05 12:00	PER		
Lead, Fine and Coarse Prep	Completed			3050B	04/20/05 11:00	JRT		
Metal Digestion	Completed			3050B	04/28/05 15:30	MSH		
Metals								
% Coarse by Weight	84.9	%			04/20/05 11:00	JRT		
% Fine by Weight	15.1	%			04/20/05 11:00	JRT		
Total Solids	86	%	1	160.3	04/20/05 11:00	JRT		
Barium	55.1	mg/kg	1.0	6020	05/02/05 19:26	SLS	7440-39-3	
Lead, Coarse	5.99	mg/kg	1.0		05/02/05 19:04	PER		
Lead, Fine	23.4	mg/kg	1.0		05/02/05 18:08	PER		
Organics - Volatiles								
Volatile Organics OBG								
Acetone	Not detected	ug/kg	1,000	5035/8260B	04/28/05 00:14	JGH	67-64-1	
Benzene	Not detected	ug/kg	70	5035/8260B	04/28/05 00:14	JGH	71-43-2	
Bromodichloromethane	Not detected	ug/kg	70	5035/8260B	04/28/05 00:14	JGH	75-27-4	
Bromoform	Not detected	ug/kg	70	5035/8260B	04/28/05 00:14	JGH	75-25-2	
Bromomethane	Not detected	ug/kg	300	5035/8260B	04/28/05 00:14	JGH	74-83-9	
2-Butanone (MEK)	Not detected	ug/kg	1,000	5035/8260B	04/28/05 00:14	JGH	78-93-3	
n-Butylbenzene	Not detected	ug/kg	70	5035/8260B	04/28/05 00:14	JGH	104-51-8	
sec-Butylbenzene	Not detected	ug/kg	70	5035/8260B	04/28/05 00:14	JGH	135-98-8	
tert-Butylbenzene	Not detected	ug/kg	70	5035/8260B	04/28/05 00:14	JGH	98-06-6	
Carbon disulfide	Not detected	ug/kg	300	5035/8260B	04/28/05 00:14	JGH	75-15-0	
Carbon tetrachloride	Not detected	ug/kg	70	5035/8260B	04/28/05 00:14	JGH	56-23-5	
Chlorobenzene	Not detected	ug/kg	70	5035/8260B	04/28/05 00:14	JGH	108-90-7	
Chloroethane	Not detected	ug/kg	300	5035/8260B	04/28/05 00:14	JGH	75-00-3	
2-Chloroethylvinyl ether	Not detected	ug/kg	700	5035/8260B	04/28/05 00:14	JGH	110-75-8	
Chloroform	Not detected	ug/kg	70	5035/8260B	04/28/05 00:14	JGH	67-66-3	
Chloromethane	Not detected	ug/kg	300	5035/8260B	04/28/05 00:14	JGH	74-87-3	
Dibromochloromethane	Not detected	ug/kg	70	5035/8260B	04/28/05 00:14	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/kg	70	5035/8260B	04/28/05 00:14	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/kg	70	5035/8260B	04/28/05 00:14	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/kg	70	5035/8260B	04/28/05 00:14	JGH	106-46-7	
1,1-Dichloroethene	Not detected	ug/kg	70	5035/8260B	04/28/05 00:14	JGH	75-35-4	
1,2-Dichloroethane	Not detected	ug/kg	70	5035/8260B	04/28/05 00:14	JGH	107-06-2	
1,1-Dichloroethane	Not detected	ug/kg	70	5035/8260B	04/28/05 00:14	JGH	75-34-3	
cis-1,2-Dichloroethene	Not detected	ug/kg	70	5035/8260B	04/28/05 00:14	JGH	156-59-2	
trans-1,2-Dichloroethene	Not detected	ug/kg	70	5035/8260B	04/28/05 00:14	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/kg	70	5035/8260B	04/28/05 00:14	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/kg	70	5035/8260B	04/28/05 00:14	JGH	10061-01-5	
trans-1,3-Dichloropropene	Not detected	ug/kg	70	5035/8260B	04/28/05 00:14	JGH	10061-02-6	

Lab Sample ID: S21831.05 (continued)

Sample Tag: SO-041505-041

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics OBG (continued)								
Ethylbenzene	Not detected	ug/kg	70	5035/8260B	04/28/05 00:14	JGH	100-41-4	
2-Hexanone	Not detected	ug/kg	3,000	5035/8260B	04/28/05 00:14	JGH	591-78-6	
Isopropylbenzene	Not detected	ug/kg	70	5035/8260B	04/28/05 00:14	JGH	98-82-8	
p-Isopropyltoluene	Not detected	ug/kg	100	5035/8260B	04/28/05 00:14	JGH	99-87-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/kg	3,000	5035/8260B	04/28/05 00:14	JGH	108-10-1	
Methylene chloride	Not detected	ug/kg	300	5035/8260B	04/28/05 00:14	JGH	75-09-2	
tert-Methyl butyl ether (MTBE)	Not detected	ug/kg	300	5035/8260B	04/28/05 00:14	JGH	1634-04-4	
Naphthalene	Not detected	ug/kg	400	5035/8260B	04/28/05 00:14	JGH	91-20-3	
n-Propylbenzene	Not detected	ug/kg	100	5035/8260B	04/28/05 00:14	JGH	103-65-1	
Styrene	Not detected	ug/kg	70	5035/8260B	04/28/05 00:14	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/kg	70	5035/8260B	04/28/05 00:14	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/kg	70	5035/8260B	04/28/05 00:14	JGH	127-18-4	
Toluene	110	ug/kg	70	5035/8260B	04/28/05 00:14	JGH	108-88-3	
1,1,1-Trichloroethane	Not detected	ug/kg	70	5035/8260B	04/28/05 00:14	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/kg	70	5035/8260B	04/28/05 00:14	JGH	79-00-5	
Trichloroethene	Not detected	ug/kg	70	5035/8260B	04/28/05 00:14	JGH	79-01-6	
Trichlorofluoromethane	Not detected	ug/kg	100	5035/8260B	04/28/05 00:14	JGH	75-69-4	
1,2,4-Trimethylbenzene	Not detected	ug/kg	100	5035/8260B	04/28/05 00:14	JGH	95-63-6	
1,3,5-Trimethylbenzene	Not detected	ug/kg	100	5035/8260B	04/28/05 00:14	JGH	108-67-8	
Vinyl chloride	Not detected	ug/kg	100	5035/8260B	04/28/05 00:14	JGH	75-01-4	
o-Xylene	Not detected	ug/kg	70	5035/8260B	04/28/05 00:14	JGH	95-47-6	
p,m-Xylene	Not detected	ug/kg	70	5035/8260B	04/28/05 00:14	JGH		

Analytical Laboratory Report

Lab Sample ID: S21831.06
Sample Tag: SO-041505-042
Collected Date/Time: 04/15/2005 10:00
Matrix: Soil
COC Reference: 04108

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	40 ml Glass	MeOH	Yes	4	3
1	4oz. Glass	None	Yes	4	3

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Lead, Fine and Coarse Digestion	Completed				04/28/05 12:00	PER		
Lead, Fine and Coarse Prep	Completed			3050B	04/20/05 11:00	JRT		
Metal Digestion	Completed			3050B	04/28/05 15:30	MSH		
Metals								
% Coarse by Weight	86.2	%			04/20/05 11:00	JRT		
% Fine by Weight	13.8	%			04/20/05 11:00	JRT		
Total Solids	84	%	1	160.3	04/20/05 11:00	JRT		
Barium	79.3	mg/kg	1.0	6020	05/02/05 19:28	SLS	7440-39-3	
Lead, Coarse	16.9	mg/kg	1.0		05/02/05 19:05	PER		
Lead, Fine	30.4	mg/kg	1.0		05/02/05 18:10	PER		
Organics - Volatiles								
Volatile Organics OBG								
Acetone	Not detected	ug/kg	900	5035/8260B	04/28/05 00:47	JGH	67-64-1	
Benzene	Not detected	ug/kg	60	5035/8260B	04/28/05 00:47	JGH	71-43-2	
Bromodichloromethane	Not detected	ug/kg	60	5035/8260B	04/28/05 00:47	JGH	75-27-4	
Bromoform	Not detected	ug/kg	60	5035/8260B	04/28/05 00:47	JGH	75-25-2	
Bromomethane	Not detected	ug/kg	300	5035/8260B	04/28/05 00:47	JGH	74-83-9	
2-Butanone (MEK)	Not detected	ug/kg	900	5035/8260B	04/28/05 00:47	JGH	78-93-3	
n-Butylbenzene	Not detected	ug/kg	60	5035/8260B	04/28/05 00:47	JGH	104-51-8	
sec-Butylbenzene	Not detected	ug/kg	60	5035/8260B	04/28/05 00:47	JGH	135-98-8	
tert-Butylbenzene	Not detected	ug/kg	60	5035/8260B	04/28/05 00:47	JGH	98-06-6	
Carbon disulfide	Not detected	ug/kg	300	5035/8260B	04/28/05 00:47	JGH	75-15-0	
Carbon tetrachloride	Not detected	ug/kg	60	5035/8260B	04/28/05 00:47	JGH	56-23-5	
Chlorobenzene	Not detected	ug/kg	60	5035/8260B	04/28/05 00:47	JGH	108-90-7	
Chloroethane	Not detected	ug/kg	300	5035/8260B	04/28/05 00:47	JGH	75-00-3	
2-Chloroethylvinyl ether	Not detected	ug/kg	600	5035/8260B	04/28/05 00:47	JGH	110-75-8	
Chloroform	Not detected	ug/kg	60	5035/8260B	04/28/05 00:47	JGH	67-66-3	
Chloromethane	Not detected	ug/kg	300	5035/8260B	04/28/05 00:47	JGH	74-87-3	
Dibromochloromethane	Not detected	ug/kg	60	5035/8260B	04/28/05 00:47	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/kg	60	5035/8260B	04/28/05 00:47	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/kg	60	5035/8260B	04/28/05 00:47	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/kg	60	5035/8260B	04/28/05 00:47	JGH	106-46-7	
1,1-Dichloroethene	Not detected	ug/kg	60	5035/8260B	04/28/05 00:47	JGH	75-35-4	
1,2-Dichloroethane	Not detected	ug/kg	60	5035/8260B	04/28/05 00:47	JGH	107-06-2	
1,1-Dichloroethane	Not detected	ug/kg	60	5035/8260B	04/28/05 00:47	JGH	75-34-3	
cis-1,2-Dichloroethene	Not detected	ug/kg	60	5035/8260B	04/28/05 00:47	JGH	156-59-2	
trans-1,2-Dichloroethene	Not detected	ug/kg	60	5035/8260B	04/28/05 00:47	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/kg	60	5035/8260B	04/28/05 00:47	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/kg	60	5035/8260B	04/28/05 00:47	JGH	10061-01-5	
trans-1,3-Dichloropropene	Not detected	ug/kg	60	5035/8260B	04/28/05 00:47	JGH	10061-02-6	

Lab Sample ID: S21831.06 (continued)

Sample Tag: SO-041505-042

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics OBG (continued)								
Ethylbenzene	Not detected	ug/kg	60	5035/8260B	04/28/05 00:47	JGH	100-41-4	
2-Hexanone	Not detected	ug/kg	3,000	5035/8260B	04/28/05 00:47	JGH	591-78-6	
Isopropylbenzene	Not detected	ug/kg	60	5035/8260B	04/28/05 00:47	JGH	98-82-8	
p-Isopropyltoluene	Not detected	ug/kg	100	5035/8260B	04/28/05 00:47	JGH	99-87-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/kg	3,000	5035/8260B	04/28/05 00:47	JGH	108-10-1	
Methylene chloride	Not detected	ug/kg	300	5035/8260B	04/28/05 00:47	JGH	75-09-2	
tert-Methyl butyl ether (MTBE)	Not detected	ug/kg	300	5035/8260B	04/28/05 00:47	JGH	1634-04-4	
Naphthalene	Not detected	ug/kg	400	5035/8260B	04/28/05 00:47	JGH	91-20-3	
n-Propylbenzene	Not detected	ug/kg	100	5035/8260B	04/28/05 00:47	JGH	103-65-1	
Styrene	Not detected	ug/kg	60	5035/8260B	04/28/05 00:47	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/kg	60	5035/8260B	04/28/05 00:47	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/kg	60	5035/8260B	04/28/05 00:47	JGH	127-18-4	
Toluene	Not detected	ug/kg	60	5035/8260B	04/28/05 00:47	JGH	108-88-3	
1,1,1-Trichloroethane	Not detected	ug/kg	60	5035/8260B	04/28/05 00:47	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/kg	60	5035/8260B	04/28/05 00:47	JGH	79-00-5	
Trichloroethene	Not detected	ug/kg	60	5035/8260B	04/28/05 00:47	JGH	79-01-6	
Trichlorofluoromethane	Not detected	ug/kg	100	5035/8260B	04/28/05 00:47	JGH	75-69-4	
1,2,4-Trimethylbenzene	Not detected	ug/kg	100	5035/8260B	04/28/05 00:47	JGH	95-63-6	
1,3,5-Trimethylbenzene	Not detected	ug/kg	100	5035/8260B	04/28/05 00:47	JGH	108-67-8	
Vinyl chloride	Not detected	ug/kg	100	5035/8260B	04/28/05 00:47	JGH	75-01-4	
o-Xylene	Not detected	ug/kg	60	5035/8260B	04/28/05 00:47	JGH	95-47-6	
p,m-Xylene	Not detected	ug/kg	60	5035/8260B	04/28/05 00:47	JGH		

Analytical Laboratory Report

Lab Sample ID: S21831.07
Sample Tag: SO-041505-043
Collected Date/Time: 04/15/2005 :
Matrix: Soil
COC Reference: 04108

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	40 ml Glass	MeOH	Yes	4	3
1	4oz. Glass	None	Yes	4	3

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Lead, Fine and Coarse Digestion	Completed				04/28/05 12:00	PER		
Lead, Fine and Coarse Prep	Completed			3050B	04/20/05 11:00	JRT		
Metal Digestion	Completed			3050B	04/28/05 15:30	MSH		
Metals								
% Coarse by Weight	85.9	%			04/20/05 11:00	JRT		
% Fine by Weight	14.1	%			04/20/05 11:00	JRT		
Total Solids	81	%	1	160.3	04/20/05 11:00	JRT		
Barium	57.8	mg/kg	1.0	6020	05/02/05 19:30	SLS	7440-39-3	
Lead, Coarse	24.0	mg/kg	1.0		05/02/05 19:06	PER		
Lead, Fine	34.5	mg/kg	1.0		05/02/05 18:11	PER		
Organics - Volatiles								
Volatile Organics OBG								
Acetone	Not detected	ug/kg	1,000	5035/8260B	04/28/05 01:20	JGH	67-64-1	
Benzene	Not detected	ug/kg	70	5035/8260B	04/28/05 01:20	JGH	71-43-2	
Bromodichloromethane	Not detected	ug/kg	70	5035/8260B	04/28/05 01:20	JGH	75-27-4	
Bromoform	Not detected	ug/kg	70	5035/8260B	04/28/05 01:20	JGH	75-25-2	
Bromomethane	Not detected	ug/kg	300	5035/8260B	04/28/05 01:20	JGH	74-83-9	
2-Butanone (MEK)	Not detected	ug/kg	1,000	5035/8260B	04/28/05 01:20	JGH	78-93-3	
n-Butylbenzene	Not detected	ug/kg	70	5035/8260B	04/28/05 01:20	JGH	104-51-8	
sec-Butylbenzene	Not detected	ug/kg	70	5035/8260B	04/28/05 01:20	JGH	135-98-8	
tert-Butylbenzene	Not detected	ug/kg	70	5035/8260B	04/28/05 01:20	JGH	98-06-6	
Carbon disulfide	Not detected	ug/kg	300	5035/8260B	04/28/05 01:20	JGH	75-15-0	
Carbon tetrachloride	Not detected	ug/kg	70	5035/8260B	04/28/05 01:20	JGH	56-23-5	
Chlorobenzene	Not detected	ug/kg	70	5035/8260B	04/28/05 01:20	JGH	108-90-7	
Chloroethane	Not detected	ug/kg	300	5035/8260B	04/28/05 01:20	JGH	75-00-3	
2-Chloroethylvinyl ether	Not detected	ug/kg	700	5035/8260B	04/28/05 01:20	JGH	110-75-8	
Chloroform	Not detected	ug/kg	70	5035/8260B	04/28/05 01:20	JGH	67-66-3	
Chloromethane	Not detected	ug/kg	300	5035/8260B	04/28/05 01:20	JGH	74-87-3	
Dibromochloromethane	Not detected	ug/kg	70	5035/8260B	04/28/05 01:20	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/kg	70	5035/8260B	04/28/05 01:20	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/kg	70	5035/8260B	04/28/05 01:20	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/kg	70	5035/8260B	04/28/05 01:20	JGH	106-46-7	
1,1-Dichloroethene	Not detected	ug/kg	70	5035/8260B	04/28/05 01:20	JGH	75-35-4	
1,2-Dichloroethane	Not detected	ug/kg	70	5035/8260B	04/28/05 01:20	JGH	107-06-2	
1,1-Dichloroethane	Not detected	ug/kg	70	5035/8260B	04/28/05 01:20	JGH	75-34-3	
cis-1,2-Dichloroethene	Not detected	ug/kg	70	5035/8260B	04/28/05 01:20	JGH	156-59-2	
trans-1,2-Dichloroethene	Not detected	ug/kg	70	5035/8260B	04/28/05 01:20	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/kg	70	5035/8260B	04/28/05 01:20	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/kg	70	5035/8260B	04/28/05 01:20	JGH	10061-01-5	
trans-1,3-Dichloropropene	Not detected	ug/kg	70	5035/8260B	04/28/05 01:20	JGH	10061-02-6	

Lab Sample ID: S21831.07 (continued)

Sample Tag: SO-041505-043

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics OBG (continued)								
Ethylbenzene	Not detected	ug/kg	70	5035/8260B	04/28/05 01:20	JGH	100-41-4	
2-Hexanone	Not detected	ug/kg	3,000	5035/8260B	04/28/05 01:20	JGH	591-78-6	
Isopropylbenzene	Not detected	ug/kg	70	5035/8260B	04/28/05 01:20	JGH	98-82-8	
p-Isopropyltoluene	Not detected	ug/kg	100	5035/8260B	04/28/05 01:20	JGH	99-87-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/kg	3,000	5035/8260B	04/28/05 01:20	JGH	108-10-1	
Methylene chloride	Not detected	ug/kg	300	5035/8260B	04/28/05 01:20	JGH	75-09-2	
tert-Methyl butyl ether (MTBE)	Not detected	ug/kg	300	5035/8260B	04/28/05 01:20	JGH	1634-04-4	
Naphthalene	Not detected	ug/kg	400	5035/8260B	04/28/05 01:20	JGH	91-20-3	
n-Propylbenzene	Not detected	ug/kg	100	5035/8260B	04/28/05 01:20	JGH	103-65-1	
Styrene	Not detected	ug/kg	70	5035/8260B	04/28/05 01:20	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/kg	70	5035/8260B	04/28/05 01:20	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/kg	70	5035/8260B	04/28/05 01:20	JGH	127-18-4	
Toluene	30	ug/kg	70	5035/8260B	04/28/05 01:20	JGH	108-88-3	J
1,1,1-Trichloroethane	Not detected	ug/kg	70	5035/8260B	04/28/05 01:20	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/kg	70	5035/8260B	04/28/05 01:20	JGH	79-00-5	
Trichloroethene	Not detected	ug/kg	70	5035/8260B	04/28/05 01:20	JGH	79-01-6	
Trichlorofluoromethane	Not detected	ug/kg	100	5035/8260B	04/28/05 01:20	JGH	75-69-4	
1,2,4-Trimethylbenzene	Not detected	ug/kg	100	5035/8260B	04/28/05 01:20	JGH	95-63-6	
1,3,5-Trimethylbenzene	Not detected	ug/kg	100	5035/8260B	04/28/05 01:20	JGH	108-67-8	
Vinyl chloride	Not detected	ug/kg	100	5035/8260B	04/28/05 01:20	JGH	75-01-4	
o-Xylene	Not detected	ug/kg	70	5035/8260B	04/28/05 01:20	JGH	95-47-6	
p,m-Xylene	Not detected	ug/kg	70	5035/8260B	04/28/05 01:20	JGH		

J-Estimated value less than reporting limit, but greater than MDL

Analytical Laboratory Report

Lab Sample ID: S21831.08
Sample Tag: SO-041505-044
Collected Date/Time: 04/15/2005 10:30
Matrix: Soil
COC Reference: 04108

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	40 ml Glass	MeOH	Yes	4	3
1	4oz. Glass	None	Yes	4	3

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Lead, Fine and Coarse Digestion	Completed				04/28/05 12:00	PER		
Lead, Fine and Coarse Prep	Completed			3050B	04/20/05 11:00	JRT		
Metal Digestion	Completed			3050B	04/28/05 15:30	MSH		
Metals								
% Coarse by Weight	68.6	%			04/20/05 11:00	JRT		
% Fine by Weight	31.4	%			04/20/05 11:00	JRT		
Total Solids	91	%	1	160.3	04/20/05 11:00	JRT		
Barium	10.5	mg/kg	1.0	6020	05/02/05 19:31	SLS	7440-39-3	
Lead, Coarse	3.66	mg/kg	1.0		05/02/05 19:08	PER		
Lead, Fine	19.7	mg/kg	1.0		05/02/05 18:12	PER		
Organics - Volatiles								
Volatile Organics OBG								
Acetone	300	ug/kg	800	5035/8260B	04/28/05 01:53	JGH	67-64-1	J
Benzene	Not detected	ug/kg	60	5035/8260B	04/28/05 01:53	JGH	71-43-2	
Bromodichloromethane	Not detected	ug/kg	60	5035/8260B	04/28/05 01:53	JGH	75-27-4	
Bromoform	Not detected	ug/kg	60	5035/8260B	04/28/05 01:53	JGH	75-25-2	
Bromomethane	Not detected	ug/kg	300	5035/8260B	04/28/05 01:53	JGH	74-83-9	
2-Butanone (MEK)	Not detected	ug/kg	800	5035/8260B	04/28/05 01:53	JGH	78-93-3	
n-Butylbenzene	Not detected	ug/kg	60	5035/8260B	04/28/05 01:53	JGH	104-51-8	
sec-Butylbenzene	Not detected	ug/kg	60	5035/8260B	04/28/05 01:53	JGH	135-98-8	
tert-Butylbenzene	Not detected	ug/kg	60	5035/8260B	04/28/05 01:53	JGH	98-06-6	
Carbon disulfide	Not detected	ug/kg	300	5035/8260B	04/28/05 01:53	JGH	75-15-0	
Carbon tetrachloride	Not detected	ug/kg	60	5035/8260B	04/28/05 01:53	JGH	56-23-5	
Chlorobenzene	Not detected	ug/kg	60	5035/8260B	04/28/05 01:53	JGH	108-90-7	
Chloroethane	Not detected	ug/kg	300	5035/8260B	04/28/05 01:53	JGH	75-00-3	
2-Chloroethylvinyl ether	Not detected	ug/kg	600	5035/8260B	04/28/05 01:53	JGH	110-75-8	
Chloroform	Not detected	ug/kg	60	5035/8260B	04/28/05 01:53	JGH	67-66-3	
Chloromethane	Not detected	ug/kg	300	5035/8260B	04/28/05 01:53	JGH	74-87-3	
Dibromochloromethane	Not detected	ug/kg	60	5035/8260B	04/28/05 01:53	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/kg	60	5035/8260B	04/28/05 01:53	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/kg	60	5035/8260B	04/28/05 01:53	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/kg	60	5035/8260B	04/28/05 01:53	JGH	106-46-7	
1,1-Dichloroethene	Not detected	ug/kg	60	5035/8260B	04/28/05 01:53	JGH	75-35-4	
1,2-Dichloroethane	Not detected	ug/kg	60	5035/8260B	04/28/05 01:53	JGH	107-06-2	
1,1-Dichloroethane	Not detected	ug/kg	60	5035/8260B	04/28/05 01:53	JGH	75-34-3	
cis-1,2-Dichloroethene	Not detected	ug/kg	60	5035/8260B	04/28/05 01:53	JGH	156-59-2	
trans-1,2-Dichloroethene	Not detected	ug/kg	60	5035/8260B	04/28/05 01:53	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/kg	60	5035/8260B	04/28/05 01:53	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/kg	60	5035/8260B	04/28/05 01:53	JGH	10061-01-5	

J-Estimated value less than reporting limit, but greater than MDL

Lab Sample ID: S21831.08 (continued)

Sample Tag: SO-041505-044

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics OBG (continued)								
trans-1,3-Dichloropropene	Not detected	ug/kg	60	5035/8260B	04/28/05 01:53	JGH	10061-02-6	
Ethylbenzene	Not detected	ug/kg	60	5035/8260B	04/28/05 01:53	JGH	100-41-4	
2-Hexanone	Not detected	ug/kg	3,000	5035/8260B	04/28/05 01:53	JGH	591-78-6	
Isopropylbenzene	Not detected	ug/kg	60	5035/8260B	04/28/05 01:53	JGH	98-82-8	
p-Isopropyltoluene	Not detected	ug/kg	100	5035/8260B	04/28/05 01:53	JGH	99-87-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/kg	3,000	5035/8260B	04/28/05 01:53	JGH	108-10-1	
Methylene chloride	Not detected	ug/kg	300	5035/8260B	04/28/05 01:53	JGH	75-09-2	
tert-Methyl butyl ether (MTBE)	Not detected	ug/kg	300	5035/8260B	04/28/05 01:53	JGH	1634-04-4	
Naphthalene	Not detected	ug/kg	400	5035/8260B	04/28/05 01:53	JGH	91-20-3	
n-Propylbenzene	Not detected	ug/kg	100	5035/8260B	04/28/05 01:53	JGH	103-65-1	
Styrene	Not detected	ug/kg	60	5035/8260B	04/28/05 01:53	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/kg	60	5035/8260B	04/28/05 01:53	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/kg	60	5035/8260B	04/28/05 01:53	JGH	127-18-4	
Toluene	520	ug/kg	60	5035/8260B	04/28/05 01:53	JGH	108-88-3	
1,1,1-Trichloroethane	Not detected	ug/kg	60	5035/8260B	04/28/05 01:53	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/kg	60	5035/8260B	04/28/05 01:53	JGH	79-00-5	
Trichloroethene	Not detected	ug/kg	60	5035/8260B	04/28/05 01:53	JGH	79-01-6	
Trichlorofluoromethane	Not detected	ug/kg	100	5035/8260B	04/28/05 01:53	JGH	75-69-4	
1,2,4-Trimethylbenzene	Not detected	ug/kg	100	5035/8260B	04/28/05 01:53	JGH	95-63-6	
1,3,5-Trimethylbenzene	Not detected	ug/kg	100	5035/8260B	04/28/05 01:53	JGH	108-67-8	
Vinyl chloride	Not detected	ug/kg	100	5035/8260B	04/28/05 01:53	JGH	75-01-4	
o-Xylene	Not detected	ug/kg	60	5035/8260B	04/28/05 01:53	JGH	95-47-6	
p,m-Xylene	70	ug/kg	60	5035/8260B	04/28/05 01:53	JGH		

Analytical Laboratory Report

Lab Sample ID: S21831.09
Sample Tag: FB-041505
Collected Date/Time: 04/15/2005 11:00
Matrix: Water Quality
COC Reference: 04108

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	40 ml Glass	HCL	Yes	4	3
1	125ml Plastic	HNO3	Yes	4	3

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Metal Digestion	Completed			3015A	05/02/05 12:00	PER		
Metals								
Barium	Not detected	mg/L	0.010	200.8	05/02/05 20:19	PER	7440-39-3	
Lead	Not detected	mg/L	0.003	200.8	05/02/05 20:19	PER	7439-92-1	
Organics - Volatiles								
Volatile Organics OBG Water								
Acetone	7	ug/L	30	8260B	04/26/05 06:21	JGH	67-64-1	J
Benzene	Not detected	ug/L	1	8260B	04/26/05 06:21	JGH	71-43-2	
Bromodichloromethane	Not detected	ug/L	1	8260B	04/26/05 06:21	JGH	75-27-4	
Bromoform	Not detected	ug/L	1	8260B	04/26/05 06:21	JGH	75-25-2	
Bromomethane	Not detected	ug/L	2	8260B	04/26/05 06:21	JGH	74-83-9	
2-Butanone (MEK)	Not detected	ug/L	30	8260B	04/26/05 06:21	JGH	78-93-3	
n-Butylbenzene	Not detected	ug/L	1	8260B	04/26/05 06:21	JGH	104-51-8	
sec-Butylbenzene	Not detected	ug/L	1	8260B	04/26/05 06:21	JGH	135-98-8	
tert-Butylbenzene	Not detected	ug/L	1	8260B	04/26/05 06:21	JGH	98-06-6	
Carbon disulfide	Not detected	ug/L	5	8260B	04/26/05 06:21	JGH	75-15-0	
Carbon tetrachloride	Not detected	ug/L	1	8260B	04/26/05 06:21	JGH	56-23-5	
Chlorobenzene	Not detected	ug/L	1	8260B	04/26/05 06:21	JGH	108-90-7	
Chloroethane	Not detected	ug/L	1	8260B	04/26/05 06:21	JGH	75-00-3	
2-Chloroethylvinyl ether	Not detected	ug/L	10	8260B	04/26/05 06:21	JGH	110-75-8	
Chloroform	0.7	ug/L	1	8260B	04/26/05 06:21	JGH	67-66-3	J
Chloromethane	Not detected	ug/L	1	8260B	04/26/05 06:21	JGH	74-87-3	
Dibromochloromethane	Not detected	ug/L	1	8260B	04/26/05 06:21	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/L	1	8260B	04/26/05 06:21	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/L	1	8260B	04/26/05 06:21	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/L	1	8260B	04/26/05 06:21	JGH	106-46-7	
1,1-Dichloroethene	Not detected	ug/L	1	8260B	04/26/05 06:21	JGH	75-35-4	
1,2-Dichloroethane	Not detected	ug/L	1	8260B	04/26/05 06:21	JGH	107-06-2	
1,1-Dichloroethane	Not detected	ug/L	1	8260B	04/26/05 06:21	JGH	75-34-3	
cis-1,2-Dichloroethene	Not detected	ug/L	1	8260B	04/26/05 06:21	JGH	156-59-2	
trans-1,2-Dichloroethene	Not detected	ug/L	1	8260B	04/26/05 06:21	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/L	1	8260B	04/26/05 06:21	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/L	1	8260B	04/26/05 06:21	JGH	10061-01-5	
trans-1,3-Dichloropropene	Not detected	ug/L	1	8260B	04/26/05 06:21	JGH	10061-02-6	
Ethylbenzene	Not detected	ug/L	1	8260B	04/26/05 06:21	JGH	100-41-4	
2-Hexanone	Not detected	ug/L	50	8260B	04/26/05 06:21	JGH	591-78-6	
Isopropylbenzene	Not detected	ug/L	1	8260B	04/26/05 06:21	JGH	98-82-8	
p-Isopropyltoluene	Not detected	ug/L	5	8260B	04/26/05 06:21	JGH	99-87-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/L	1	8260B	04/26/05 06:21	JGH	108-10-1	

J-Estimated value less than reporting limit, but greater than MDL

Lab Sample ID: S21831.09 (continued)

Sample Tag: FB-041505

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics OBG Water (continued)								
Methylene chloride	Not detected	ug/L	5	8260B	04/26/05 06:21	JGH	75-09-2	
tert-Methyl butyl ether (MTBE)	Not detected	ug/L	5	8260B	04/26/05 06:21	JGH	1634-04-4	
Naphthalene	Not detected	ug/L	5	8260B	04/26/05 06:21	JGH	91-20-3	
n-Propylbenzene	Not detected	ug/L	5	8260B	04/26/05 06:21	JGH	103-65-1	
Styrene	Not detected	ug/L	1	8260B	04/26/05 06:21	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/L	1	8260B	04/26/05 06:21	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/L	1	8260B	04/26/05 06:21	JGH	127-18-4	
Toluene	Not detected	ug/L	1	8260B	04/26/05 06:21	JGH	108-88-3	
1,1,1-Trichloroethane	Not detected	ug/L	1	8260B	04/26/05 06:21	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/L	1	8260B	04/26/05 06:21	JGH	79-00-5	
Trichloroethene	Not detected	ug/L	1	8260B	04/26/05 06:21	JGH	79-01-6	
Trichlorofluoromethane	Not detected	ug/L	1	8260B	04/26/05 06:21	JGH	75-69-4	
1,2,4-Trimethylbenzene	Not detected	ug/L	1	8260B	04/26/05 06:21	JGH	95-63-6	
1,3,5-Trimethylbenzene	Not detected	ug/L	1	8260B	04/26/05 06:21	JGH	108-67-8	
Vinyl chloride	Not detected	ug/L	1	8260B	04/26/05 06:21	JGH	75-01-4	
o-Xylene	Not detected	ug/L	1	8260B	04/26/05 06:21	JGH	95-47-6	
p,m-Xylene	Not detected	ug/L	1	8260B	04/26/05 06:21	JGH		

Analytical Laboratory Report

Lab Sample ID: S21831.10
Sample Tag: EB-041505
Collected Date/Time: 04/15/2005 11:30
Matrix: Water Quality
COC Reference: 04108

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	40 ml Glass	HCL	Yes	4	3
1	125ml Plastic	HNO3	Yes	4	3

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Metal Digestion	Completed			3015A	05/02/05 12:00	PER		
Metals								
Barium	Not detected	mg/L	0.010	200.8	05/02/05 20:20	PER	7440-39-3	
Lead	Not detected	mg/L	0.003	200.8	05/02/05 20:20	PER	7439-92-1	
Organics - Volatiles								
Volatile Organics OBG Water								
Acetone	9	ug/L	30	8260B	04/26/05 06:54	JGH	67-64-1	J
Benzene	Not detected	ug/L	1	8260B	04/26/05 06:54	JGH	71-43-2	
Bromodichloromethane	Not detected	ug/L	1	8260B	04/26/05 06:54	JGH	75-27-4	
Bromoform	Not detected	ug/L	1	8260B	04/26/05 06:54	JGH	75-25-2	
Bromomethane	Not detected	ug/L	2	8260B	04/26/05 06:54	JGH	74-83-9	
2-Butanone (MEK)	Not detected	ug/L	30	8260B	04/26/05 06:54	JGH	78-93-3	
n-Butylbenzene	Not detected	ug/L	1	8260B	04/26/05 06:54	JGH	104-51-8	
sec-Butylbenzene	Not detected	ug/L	1	8260B	04/26/05 06:54	JGH	135-98-8	
tert-Butylbenzene	Not detected	ug/L	1	8260B	04/26/05 06:54	JGH	98-06-6	
Carbon disulfide	Not detected	ug/L	5	8260B	04/26/05 06:54	JGH	75-15-0	
Carbon tetrachloride	Not detected	ug/L	1	8260B	04/26/05 06:54	JGH	56-23-5	
Chlorobenzene	Not detected	ug/L	1	8260B	04/26/05 06:54	JGH	108-90-7	
Chloroethane	Not detected	ug/L	1	8260B	04/26/05 06:54	JGH	75-00-3	
2-Chloroethylvinyl ether	Not detected	ug/L	10	8260B	04/26/05 06:54	JGH	110-75-8	
Chloroform	0.6	ug/L	1	8260B	04/26/05 06:54	JGH	67-66-3	J
Chloromethane	Not detected	ug/L	1	8260B	04/26/05 06:54	JGH	74-87-3	
Dibromochloromethane	Not detected	ug/L	1	8260B	04/26/05 06:54	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/L	1	8260B	04/26/05 06:54	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/L	1	8260B	04/26/05 06:54	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/L	1	8260B	04/26/05 06:54	JGH	106-46-7	
1,1-Dichloroethene	Not detected	ug/L	1	8260B	04/26/05 06:54	JGH	75-35-4	
1,2-Dichloroethane	Not detected	ug/L	1	8260B	04/26/05 06:54	JGH	107-06-2	
1,1-Dichloroethane	Not detected	ug/L	1	8260B	04/26/05 06:54	JGH	75-34-3	
cis-1,2-Dichloroethene	Not detected	ug/L	1	8260B	04/26/05 06:54	JGH	156-59-2	
trans-1,2-Dichloroethene	Not detected	ug/L	1	8260B	04/26/05 06:54	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/L	1	8260B	04/26/05 06:54	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/L	1	8260B	04/26/05 06:54	JGH	10061-01-5	
trans-1,3-Dichloropropene	Not detected	ug/L	1	8260B	04/26/05 06:54	JGH	10061-02-6	
Ethylbenzene	Not detected	ug/L	1	8260B	04/26/05 06:54	JGH	100-41-4	
2-Hexanone	Not detected	ug/L	50	8260B	04/26/05 06:54	JGH	591-78-6	
Isopropylbenzene	Not detected	ug/L	1	8260B	04/26/05 06:54	JGH	98-82-8	
p-Isopropyltoluene	Not detected	ug/L	5	8260B	04/26/05 06:54	JGH	99-87-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/L	1	8260B	04/26/05 06:54	JGH	108-10-1	

J-Estimated value less than reporting limit, but greater than MDL

Lab Sample ID: S21831.10 (continued)

Sample Tag: EB-041505

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics OBG Water (continued)								
Methylene chloride	Not detected	ug/L	5	8260B	04/26/05 06:54	JGH	75-09-2	
tert-Methyl butyl ether (MTBE)	Not detected	ug/L	5	8260B	04/26/05 06:54	JGH	1634-04-4	
Naphthalene	Not detected	ug/L	5	8260B	04/26/05 06:54	JGH	91-20-3	
n-Propylbenzene	Not detected	ug/L	5	8260B	04/26/05 06:54	JGH	103-65-1	
Styrene	Not detected	ug/L	1	8260B	04/26/05 06:54	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/L	1	8260B	04/26/05 06:54	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/L	1	8260B	04/26/05 06:54	JGH	127-18-4	
Toluene	Not detected	ug/L	1	8260B	04/26/05 06:54	JGH	108-88-3	
1,1,1-Trichloroethane	Not detected	ug/L	1	8260B	04/26/05 06:54	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/L	1	8260B	04/26/05 06:54	JGH	79-00-5	
Trichloroethene	Not detected	ug/L	1	8260B	04/26/05 06:54	JGH	79-01-6	
Trichlorofluoromethane	Not detected	ug/L	1	8260B	04/26/05 06:54	JGH	75-69-4	
1,2,4-Trimethylbenzene	Not detected	ug/L	1	8260B	04/26/05 06:54	JGH	95-63-6	
1,3,5-Trimethylbenzene	Not detected	ug/L	1	8260B	04/26/05 06:54	JGH	108-67-8	
Vinyl chloride	Not detected	ug/L	1	8260B	04/26/05 06:54	JGH	75-01-4	
o-Xylene	Not detected	ug/L	1	8260B	04/26/05 06:54	JGH	95-47-6	
p,m-Xylene	Not detected	ug/L	1	8260B	04/26/05 06:54	JGH		

Analytical Laboratory Report

Lab Sample ID: S21831.11
Sample Tag: TB-041505
Collected Date/Time: 04/15/2005 11:40
Matrix: Water Quality
COC Reference: 04108

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	40 ml Glass	HCL	Yes	4	3

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles								
Volatile Organics OBG Water								
Acetone	6	ug/L	30	8260B	04/26/05 07:27	JGH	67-64-1	J
Benzene	Not detected	ug/L	1	8260B	04/26/05 07:27	JGH	71-43-2	
Bromodichloromethane	Not detected	ug/L	1	8260B	04/26/05 07:27	JGH	75-27-4	
Bromoform	Not detected	ug/L	1	8260B	04/26/05 07:27	JGH	75-25-2	
Bromomethane	Not detected	ug/L	2	8260B	04/26/05 07:27	JGH	74-83-9	
2-Butanone (MEK)	Not detected	ug/L	30	8260B	04/26/05 07:27	JGH	78-93-3	
n-Butylbenzene	Not detected	ug/L	1	8260B	04/26/05 07:27	JGH	104-51-8	
sec-Butylbenzene	Not detected	ug/L	1	8260B	04/26/05 07:27	JGH	135-98-8	
tert-Butylbenzene	Not detected	ug/L	1	8260B	04/26/05 07:27	JGH	98-06-6	
Carbon disulfide	Not detected	ug/L	5	8260B	04/26/05 07:27	JGH	75-15-0	
Carbon tetrachloride	Not detected	ug/L	1	8260B	04/26/05 07:27	JGH	56-23-5	
Chlorobenzene	Not detected	ug/L	1	8260B	04/26/05 07:27	JGH	108-90-7	
Chloroethane	Not detected	ug/L	1	8260B	04/26/05 07:27	JGH	75-00-3	
2-Chloroethylvinyl ether	Not detected	ug/L	10	8260B	04/26/05 07:27	JGH	110-75-8	
Chloroform	Not detected	ug/L	1	8260B	04/26/05 07:27	JGH	67-66-3	
Chloromethane	Not detected	ug/L	1	8260B	04/26/05 07:27	JGH	74-87-3	
Dibromochloromethane	Not detected	ug/L	1	8260B	04/26/05 07:27	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/L	1	8260B	04/26/05 07:27	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/L	1	8260B	04/26/05 07:27	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/L	1	8260B	04/26/05 07:27	JGH	106-46-7	
1,1-Dichloroethene	Not detected	ug/L	1	8260B	04/26/05 07:27	JGH	75-35-4	
1,2-Dichloroethane	Not detected	ug/L	1	8260B	04/26/05 07:27	JGH	107-06-2	
1,1-Dichloroethane	Not detected	ug/L	1	8260B	04/26/05 07:27	JGH	75-34-3	
cis-1,2-Dichloroethene	Not detected	ug/L	1	8260B	04/26/05 07:27	JGH	156-59-2	
trans-1,2-Dichloroethene	Not detected	ug/L	1	8260B	04/26/05 07:27	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/L	1	8260B	04/26/05 07:27	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/L	1	8260B	04/26/05 07:27	JGH	10061-01-5	
trans-1,3-Dichloropropene	Not detected	ug/L	1	8260B	04/26/05 07:27	JGH	10061-02-6	
Ethylbenzene	Not detected	ug/L	1	8260B	04/26/05 07:27	JGH	100-41-4	
2-Hexanone	Not detected	ug/L	50	8260B	04/26/05 07:27	JGH	591-78-6	
Isopropylbenzene	Not detected	ug/L	1	8260B	04/26/05 07:27	JGH	98-82-8	
p-Isopropyltoluene	Not detected	ug/L	5	8260B	04/26/05 07:27	JGH	99-87-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/L	1	8260B	04/26/05 07:27	JGH	108-10-1	
Methylene chloride	Not detected	ug/L	5	8260B	04/26/05 07:27	JGH	75-09-2	
tert-Methyl butyl ether (MTBE)	Not detected	ug/L	5	8260B	04/26/05 07:27	JGH	1634-04-4	
Naphthalene	Not detected	ug/L	5	8260B	04/26/05 07:27	JGH	91-20-3	
n-Propylbenzene	Not detected	ug/L	5	8260B	04/26/05 07:27	JGH	103-65-1	
Styrene	Not detected	ug/L	1	8260B	04/26/05 07:27	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/L	1	8260B	04/26/05 07:27	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/L	1	8260B	04/26/05 07:27	JGH	127-18-4	
Toluene	Not detected	ug/L	1	8260B	04/26/05 07:27	JGH	108-88-3	

J-Estimated value less than reporting limit, but greater than MDL

Lab Sample ID: S21831.11 (continued)

Sample Tag: TB-041505

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics OBG Water (continued)								
1,1,1-Trichloroethane	Not detected	ug/L	1	8260B	04/26/05 07:27	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/L	1	8260B	04/26/05 07:27	JGH	79-00-5	
Trichloroethene	Not detected	ug/L	1	8260B	04/26/05 07:27	JGH	79-01-6	
Trichlorofluoromethane	Not detected	ug/L	1	8260B	04/26/05 07:27	JGH	75-69-4	
1,2,4-Trimethylbenzene	Not detected	ug/L	1	8260B	04/26/05 07:27	JGH	95-63-6	
1,3,5-Trimethylbenzene	Not detected	ug/L	1	8260B	04/26/05 07:27	JGH	108-67-8	
Vinyl chloride	Not detected	ug/L	1	8260B	04/26/05 07:27	JGH	75-01-4	
o-Xylene	Not detected	ug/L	1	8260B	04/26/05 07:27	JGH	95-47-6	
p,m-Xylene	Not detected	ug/L	1	8260B	04/26/05 07:27	JGH		

GM REALM ENCORE

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

PAGE 1 OF 1

ID # Nº 04108

SSOW Ref. Code: R040005

Required Client Information:

Company: OBRIEN + GERE	Report To: TONY FINCH
Address: 33469 W 14 MILE STE 150, FARMINGTON HILLS	Copy To: SANDY PELOWSKI
	Invoice To: SANDY PELOWSKI
	P.O.:
Phone: 248 661 3745	Project Name: DIFF STRAPPELOT
Fax: 248 661 4057	Project Number: 34573
E-mail: pelowssm@obg.com	

Laboratory: MERIT LABS	
Laboratory Location: EAST LANSING MI	
Laboratory Contact: NATA MUNSHAK	
Requested Due Date: 5/4/05	TAT: ROUTINE
QA/QC Requirements: LEVEL III DATA PACKAGE	

Valid Matrix Codes: WG Groundwater; WB Borehole Water; WS Surface Water; SO Soil; SE Sediment

Sample Identification:	QA/QC Codes	Matrix Code	Date Collected	Time Collected	# Containers	Preservative: Unpreserved	HCl	H2SO4	HNO3	NaOH	Other: MeOH	Analysis and Method: VOCs 8260B	Barium 200.8	LEAD, FINE KRANOT	Remarks/Lab ID
2183 01	SO-041505-038		SO	4/15/05	0800	3	1				2	X	X	X	OB6-222 3-5
02/03	SO-041505-039	MS/MSD	SO		0800	6	2				4	X	X	X	OB6-222 3-5
04	SO-041505-040		SO		0900	3	1				2	X	X	X	OB6-223 6-8
05	SO-041505-041	FC	SO		0900	3	1				2	X	X	X	OB6-223 6-8
06	SO-041505-042		SO		1000	3	1				2	X	X	X	OB6-224 6-8
07	SO-041505-043	FD	SO		—	3	1				2	X	X	X	
08	SO-041505-044		SO		1030	3	1				2	X	X	X	OB6-225 8-10
~~08~~	~~SO-041505-045~~														
09	FB-041505		WQ		1100	3		2		1		X	X	X	
10	EB-041505		WQ		1130	3		2		1		X	X	X	
11	TB-041505		WQ		1140	2		2				X			
12.															
13.															
14.															
15.															
	TOTAL NUMBER OF CONTAINERS					32									

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
MERIT PICKUP	1	OBRIEN + GERE	4/15/05	1200		4-15-05	1200
AIRBILL NO.			4-15-05	1230		4-15-05	1230

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments: BATCH COMPLETE (FOR SOIL SAMPLING) LEVEL III DATA

Sampler Name: MIKE ROBISON

Sampler Signature: Date: 4/15/05

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV. 0 (6/04)

Analytical Laboratory Report

Report ID: S22242.01(01)
Generated on 06/01/2005

Report to

Attention: Tony Finch/ Sandy Pelowski
O'Brien & Gere Engineers
33469 West 14 Mile Road, Suite 150
Farmington Hills, MI 48331

Phone: 248-661-3745 FAX: 248-661-4057

Report produced by

Merit Laboratories
2680 East Lansing Drive
East Lansing, MI 48823

Phone: (517) 332-0167 FAX: (517) 332-6333

Report Summary

Lab Sample ID(s): S22242.01-S22242.20
Project: 34573 Die Storage Lot SSOW# R040005
Submitted Date/Time: 05/13/2005 15:45
Sampled by: Mike Robison
P.O. #: 409131

Report Notes

Results relate only to items tested.
Methods may be modified for improved performance.
Results reported on a dry weight basis where applicable.
"Not detected" indicates that parameter was not found at a level equal to or greater than the RDL.
Report shall not be reproduced except in full, without the written approval of Merit Laboratories.

Violetta F. Murshak
Laboratory Director

Analytical Laboratory Report

Lab Sample ID: S22242.01
Sample Tag: WG-051205-001
Collected Date/Time: 05/12/2005 10:00
Matrix: Groundwater
COC Reference: 04110

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	40 ml Glass	HCL	Yes	4	3
1	125ml Plastic	HNO3	Yes	4	3

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Metal Digestion	Completed			3015A	05/20/05 11:30	MSH		
Metals								
Barium, Dissolved	0.166	mg/L	0.010	200.8	05/20/05 16:22	PER	7440-39-3	
Lead, Dissolved	Not detected	mg/L	0.003	200.8	05/20/05 16:22	PER	7439-92-1	
Organics - Volatiles								
Volatile Organics - O'Brien & Gere List								
Acetone	10	ug/L	30	8260B	05/19/05 13:31	JGH	67-64-1	J
Benzene	Not detected	ug/L	1	8260B	05/19/05 13:31	JGH	71-43-2	
Bromodichloromethane	Not detected	ug/L	1	8260B	05/19/05 13:31	JGH	75-27-4	
Bromoform	Not detected	ug/L	1	8260B	05/19/05 13:31	JGH	75-25-2	
Bromomethane	Not detected	ug/L	5	8260B	05/19/05 13:31	JGH	74-83-9	
2-Butanone (MEK)	Not detected	ug/L	30	8260B	05/19/05 13:31	JGH	78-93-3	
n-Butylbenzene	Not detected	ug/L	1	8260B	05/19/05 13:31	JGH	104-51-8	
sec-Butylbenzene	Not detected	ug/L	1	8260B	05/19/05 13:31	JGH	135-98-8	
tert-Butylbenzene	Not detected	ug/L	1	8260B	05/19/05 13:31	JGH	98-06-6	
Carbon disulfide	Not detected	ug/L	5	8260B	05/19/05 13:31	JGH	75-15-0	
Carbon tetrachloride	Not detected	ug/L	1	8260B	05/19/05 13:31	JGH	56-23-5	
Chlorobenzene	Not detected	ug/L	1	8260B	05/19/05 13:31	JGH	108-90-7	
Chloroethane	Not detected	ug/L	5	8260B	05/19/05 13:31	JGH	75-00-3	
2-Chloroethylvinyl ether	Not detected	ug/L	1	8260B	05/19/05 13:31	JGH	110-75-8	
Chloroform	Not detected	ug/L	1	8260B	05/19/05 13:31	JGH	67-66-3	
Chloromethane	Not detected	ug/L	5	8260B	05/19/05 13:31	JGH	74-87-3	
Dibromochloromethane	Not detected	ug/L	1	8260B	05/19/05 13:31	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/L	1	8260B	05/19/05 13:31	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/L	1	8260B	05/19/05 13:31	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/L	1	8260B	05/19/05 13:31	JGH	106-46-7	
1,1-Dichloroethene	Not detected	ug/L	1	8260B	05/19/05 13:31	JGH	75-35-4	
1,2-Dichloroethane	Not detected	ug/L	1	8260B	05/19/05 13:31	JGH	107-06-2	
1,1-Dichloroethane	Not detected	ug/L	1	8260B	05/19/05 13:31	JGH	75-34-3	
cis-1,2-Dichloroethene	Not detected	ug/L	1	8260B	05/19/05 13:31	JGH	156-59-2	
trans-1,2-Dichloroethene	Not detected	ug/L	1	8260B	05/19/05 13:31	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/L	1	8260B	05/19/05 13:31	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/L	1	8260B	05/19/05 13:31	JGH	10061-01-5	
trans-1,3-Dichloropropene	Not detected	ug/L	1	8260B	05/19/05 13:31	JGH	10061-02-6	
Ethylbenzene	Not detected	ug/L	1	8260B	05/19/05 13:31	JGH	100-41-4	
2-Hexanone	Not detected	ug/L	50	8260B	05/19/05 13:31	JGH	591-78-6	
Isopropylbenzene	Not detected	ug/L	1	8260B	05/19/05 13:31	JGH	98-82-8	
p-Isopropyltoluene	Not detected	ug/L	1	8260B	05/19/05 13:31	JGH	99-87-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/L	50	8260B	05/19/05 13:31	JGH	108-10-1	

J-Estimated value less than reporting limit, but greater than MDL

Lab Sample ID: S22242.01 (continued)

Sample Tag: WG-051205-001

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics - O'Brien & Gere List (continued)								
Methylene chloride	Not detected	ug/L	5	8260B	05/19/05 13:31	JGH	75-09-2	
tert-Methyl butyl ether (MTBE)	Not detected	ug/L	5	8260B	05/19/05 13:31	JGH	1634-04-4	
2-Methylnaphthalene	Not detected	ug/L	5	8260B	05/19/05 13:31	JGH	91-57-6	
Naphthalene	Not detected	ug/L	5	8260B	05/19/05 13:31	JGH	91-20-3	
n-Propylbenzene	Not detected	ug/L	1	8260B	05/19/05 13:31	JGH	103-65-1	
Styrene	Not detected	ug/L	1	8260B	05/19/05 13:31	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/L	1	8260B	05/19/05 13:31	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/L	1	8260B	05/19/05 13:31	JGH	127-18-4	
Toluene	Not detected	ug/L	1	8260B	05/19/05 13:31	JGH	108-88-3	
1,1,1-Trichloroethane	Not detected	ug/L	1	8260B	05/19/05 13:31	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/L	1	8260B	05/19/05 13:31	JGH	79-00-5	
Trichloroethene	Not detected	ug/L	1	8260B	05/19/05 13:31	JGH	79-01-6	
Trichlorofluoromethane	Not detected	ug/L	1	8260B	05/19/05 13:31	JGH	75-69-4	
1,2,4-Trimethylbenzene	Not detected	ug/L	1	8260B	05/19/05 13:31	JGH	95-63-6	
1,3,5-Trimethylbenzene	Not detected	ug/L	1	8260B	05/19/05 13:31	JGH	108-67-8	
Vinyl chloride	Not detected	ug/L	1	8260B	05/19/05 13:31	JGH	75-01-4	
o-Xylene	Not detected	ug/L	1	8260B	05/19/05 13:31	JGH	95-47-6	
p,m-Xylene	Not detected	ug/L	2	8260B	05/19/05 13:31	JGH		

Analytical Laboratory Report

Lab Sample ID: S22242.02
Sample Tag: WG-051205-002
Collected Date/Time: 05/12/2005 10:30
Matrix: Groundwater
COC Reference: 04110

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	40 ml Glass	HCL	Yes	4	3
1	125ml Plastic	HNO3	Yes	4	3

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Metal Digestion	Completed			3015A	05/20/05 11:30	MSH		
Metals								
Barium, Dissolved	0.057	mg/L	0.010	200.8	05/20/05 16:23	PER	7440-39-3	
Lead, Dissolved	Not detected	mg/L	0.003	200.8	05/20/05 16:23	PER	7439-92-1	
Organics - Volatiles								
Volatile Organics - O'Brien & Gere List								
Acetone	Not detected	ug/L	30	8260B	05/19/05 14:04	JGH	67-64-1	
Benzene	Not detected	ug/L	1	8260B	05/19/05 14:04	JGH	71-43-2	
Bromodichloromethane	Not detected	ug/L	1	8260B	05/19/05 14:04	JGH	75-27-4	
Bromoform	Not detected	ug/L	1	8260B	05/19/05 14:04	JGH	75-25-2	
Bromomethane	Not detected	ug/L	5	8260B	05/19/05 14:04	JGH	74-83-9	
2-Butanone (MEK)	Not detected	ug/L	30	8260B	05/19/05 14:04	JGH	78-93-3	
n-Butylbenzene	Not detected	ug/L	1	8260B	05/19/05 14:04	JGH	104-51-8	
sec-Butylbenzene	Not detected	ug/L	1	8260B	05/19/05 14:04	JGH	135-98-8	
tert-Butylbenzene	Not detected	ug/L	1	8260B	05/19/05 14:04	JGH	98-06-6	
Carbon disulfide	Not detected	ug/L	5	8260B	05/19/05 14:04	JGH	75-15-0	
Carbon tetrachloride	Not detected	ug/L	1	8260B	05/19/05 14:04	JGH	56-23-5	
Chlorobenzene	Not detected	ug/L	1	8260B	05/19/05 14:04	JGH	108-90-7	
Chloroethane	Not detected	ug/L	5	8260B	05/19/05 14:04	JGH	75-00-3	
2-Chloroethylvinyl ether	Not detected	ug/L	1	8260B	05/19/05 14:04	JGH	110-75-8	
Chloroform	Not detected	ug/L	1	8260B	05/19/05 14:04	JGH	67-66-3	
Chloromethane	1	ug/L	5	8260B	05/19/05 14:04	JGH	74-87-3	J
Dibromochloromethane	Not detected	ug/L	1	8260B	05/19/05 14:04	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/L	1	8260B	05/19/05 14:04	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/L	1	8260B	05/19/05 14:04	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/L	1	8260B	05/19/05 14:04	JGH	106-46-7	
1,1-Dichloroethene	Not detected	ug/L	1	8260B	05/19/05 14:04	JGH	75-35-4	
1,2-Dichloroethane	Not detected	ug/L	1	8260B	05/19/05 14:04	JGH	107-06-2	
1,1-Dichloroethane	Not detected	ug/L	1	8260B	05/19/05 14:04	JGH	75-34-3	
cis-1,2-Dichloroethene	Not detected	ug/L	1	8260B	05/19/05 14:04	JGH	156-59-2	
trans-1,2-Dichloroethene	Not detected	ug/L	1	8260B	05/19/05 14:04	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/L	1	8260B	05/19/05 14:04	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/L	1	8260B	05/19/05 14:04	JGH	10061-01-5	
trans-1,3-Dichloropropene	Not detected	ug/L	1	8260B	05/19/05 14:04	JGH	10061-02-6	
Ethylbenzene	Not detected	ug/L	1	8260B	05/19/05 14:04	JGH	100-41-4	
2-Hexanone	Not detected	ug/L	50	8260B	05/19/05 14:04	JGH	591-78-6	
Isopropylbenzene	Not detected	ug/L	1	8260B	05/19/05 14:04	JGH	98-82-8	
p-Isopropyltoluene	Not detected	ug/L	1	8260B	05/19/05 14:04	JGH	99-87-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/L	50	8260B	05/19/05 14:04	JGH	108-10-1	

J-Estimated value less than reporting limit, but greater than MDL

Lab Sample ID: S22242.02 (continued)

Sample Tag: WG-051205-002

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics - O'Brien & Gere List (continued)								
Methylene chloride	Not detected	ug/L	5	8260B	05/19/05 14:04	JGH	75-09-2	
tert-Methyl butyl ether (MTBE)	Not detected	ug/L	5	8260B	05/19/05 14:04	JGH	1634-04-4	
2-Methylnaphthalene	Not detected	ug/L	5	8260B	05/19/05 14:04	JGH	91-57-6	
Naphthalene	Not detected	ug/L	5	8260B	05/19/05 14:04	JGH	91-20-3	
n-Propylbenzene	Not detected	ug/L	1	8260B	05/19/05 14:04	JGH	103-65-1	
Styrene	Not detected	ug/L	1	8260B	05/19/05 14:04	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/L	1	8260B	05/19/05 14:04	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/L	1	8260B	05/19/05 14:04	JGH	127-18-4	
Toluene	Not detected	ug/L	1	8260B	05/19/05 14:04	JGH	108-88-3	
1,1,1-Trichloroethane	Not detected	ug/L	1	8260B	05/19/05 14:04	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/L	1	8260B	05/19/05 14:04	JGH	79-00-5	
Trichloroethene	Not detected	ug/L	1	8260B	05/19/05 14:04	JGH	79-01-6	
Trichlorofluoromethane	Not detected	ug/L	1	8260B	05/19/05 14:04	JGH	75-69-4	
1,2,4-Trimethylbenzene	Not detected	ug/L	1	8260B	05/19/05 14:04	JGH	95-63-6	
1,3,5-Trimethylbenzene	Not detected	ug/L	1	8260B	05/19/05 14:04	JGH	108-67-8	
Vinyl chloride	Not detected	ug/L	1	8260B	05/19/05 14:04	JGH	75-01-4	
o-Xylene	Not detected	ug/L	1	8260B	05/19/05 14:04	JGH	95-47-6	
p,m-Xylene	Not detected	ug/L	2	8260B	05/19/05 14:04	JGH		

Merit Laboratories, Inc.

Analytical Laboratory Report

Lab Sample ID: S22242.03
Sample Tag: WG-051205-003
Collected Date/Time: 05/12/2005 11:30
Matrix: Groundwater
COC Reference: 04110

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	40 ml Glass	HCL	Yes	4	3
1	125ml Plastic	HNO3	Yes	4	3

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Metal Digestion	Completed			3015A	05/20/05 11:30	MSH		
Metals								
Barium, Dissolved	0.021	mg/L	0.010	200.8	05/20/05 16:25	PER	7440-39-3	
Lead, Dissolved	Not detected	mg/L	0.003	200.8	05/20/05 16:25	PER	7439-92-1	
Organics - Volatiles								
Volatile Organics - O'Brien & Gere List								
Acetone	Not detected	ug/L	30	8260B	05/19/05 14:39	JGH	67-64-1	
Benzene	Not detected	ug/L	1	8260B	05/19/05 14:39	JGH	71-43-2	
Bromodichloromethane	Not detected	ug/L	1	8260B	05/19/05 14:39	JGH	75-27-4	
Bromoform	Not detected	ug/L	1	8260B	05/19/05 14:39	JGH	75-25-2	
Bromomethane	Not detected	ug/L	5	8260B	05/19/05 14:39	JGH	74-83-9	
2-Butanone (MEK)	Not detected	ug/L	30	8260B	05/19/05 14:39	JGH	78-93-3	
n-Butylbenzene	Not detected	ug/L	1	8260B	05/19/05 14:39	JGH	104-51-8	
sec-Butylbenzene	Not detected	ug/L	1	8260B	05/19/05 14:39	JGH	135-98-8	
tert-Butylbenzene	Not detected	ug/L	1	8260B	05/19/05 14:39	JGH	98-06-6	
Carbon disulfide	Not detected	ug/L	5	8260B	05/19/05 14:39	JGH	75-15-0	
Carbon tetrachloride	Not detected	ug/L	1	8260B	05/19/05 14:39	JGH	56-23-5	
Chlorobenzene	Not detected	ug/L	1	8260B	05/19/05 14:39	JGH	108-90-7	
Chloroethane	Not detected	ug/L	5	8260B	05/19/05 14:39	JGH	75-00-3	
2-Chloroethylvinyl ether	Not detected	ug/L	1	8260B	05/19/05 14:39	JGH	110-75-8	
Chloroform	Not detected	ug/L	1	8260B	05/19/05 14:39	JGH	67-66-3	
Chloromethane	Not detected	ug/L	5	8260B	05/19/05 14:39	JGH	74-87-3	
Dibromochloromethane	Not detected	ug/L	1	8260B	05/19/05 14:39	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/L	1	8260B	05/19/05 14:39	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/L	1	8260B	05/19/05 14:39	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/L	1	8260B	05/19/05 14:39	JGH	106-46-7	
1,1-Dichloroethene	Not detected	ug/L	1	8260B	05/19/05 14:39	JGH	75-35-4	
1,2-Dichloroethane	Not detected	ug/L	1	8260B	05/19/05 14:39	JGH	107-06-2	
1,1-Dichloroethane	Not detected	ug/L	1	8260B	05/19/05 14:39	JGH	75-34-3	
cis-1,2-Dichloroethene	Not detected	ug/L	1	8260B	05/19/05 14:39	JGH	156-59-2	
trans-1,2-Dichloroethene	Not detected	ug/L	1	8260B	05/19/05 14:39	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/L	1	8260B	05/19/05 14:39	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/L	1	8260B	05/19/05 14:39	JGH	10061-01-5	
trans-1,3-Dichloropropene	Not detected	ug/L	1	8260B	05/19/05 14:39	JGH	10061-02-6	
Ethylbenzene	Not detected	ug/L	1	8260B	05/19/05 14:39	JGH	100-41-4	
2-Hexanone	Not detected	ug/L	50	8260B	05/19/05 14:39	JGH	591-78-6	
Isopropylbenzene	Not detected	ug/L	1	8260B	05/19/05 14:39	JGH	98-82-8	
p-Isopropyltoluene	Not detected	ug/L	1	8260B	05/19/05 14:39	JGH	99-87-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/L	50	8260B	05/19/05 14:39	JGH	108-10-1	
Methylene chloride	Not detected	ug/L	5	8260B	05/19/05 14:39	JGH	75-09-2	

Lab Sample ID: S22242.03 (continued)

Sample Tag: WG-051205-003

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics - O'Brien & Gere List (continued)								
tert-Methyl butyl ether (MTBE)	Not detected	ug/L	5	8260B	05/19/05 14:39	JGH	1634-04-4	
2-Methylnaphthalene	Not detected	ug/L	5	8260B	05/19/05 14:39	JGH	91-57-6	
Naphthalene	Not detected	ug/L	5	8260B	05/19/05 14:39	JGH	91-20-3	
n-Propylbenzene	Not detected	ug/L	1	8260B	05/19/05 14:39	JGH	103-65-1	
Styrene	Not detected	ug/L	1	8260B	05/19/05 14:39	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/L	1	8260B	05/19/05 14:39	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/L	1	8260B	05/19/05 14:39	JGH	127-18-4	
Toluene	Not detected	ug/L	1	8260B	05/19/05 14:39	JGH	108-88-3	
1,1,1-Trichloroethane	Not detected	ug/L	1	8260B	05/19/05 14:39	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/L	1	8260B	05/19/05 14:39	JGH	79-00-5	
Trichloroethene	Not detected	ug/L	1	8260B	05/19/05 14:39	JGH	79-01-6	
Trichlorofluoromethane	Not detected	ug/L	1	8260B	05/19/05 14:39	JGH	75-69-4	
1,2,4-Trimethylbenzene	Not detected	ug/L	1	8260B	05/19/05 14:39	JGH	95-63-6	
1,3,5-Trimethylbenzene	Not detected	ug/L	1	8260B	05/19/05 14:39	JGH	108-67-8	
Vinyl chloride	Not detected	ug/L	1	8260B	05/19/05 14:39	JGH	75-01-4	
o-Xylene	Not detected	ug/L	1	8260B	05/19/05 14:39	JGH	95-47-6	
p,m-Xylene	Not detected	ug/L	2	8260B	05/19/05 14:39	JGH		

Analytical Laboratory Report

Lab Sample ID: S22242.04
Sample Tag: WG-051205-004MS
Collected Date/Time: 05/12/2005 11:30
Matrix: Groundwater
COC Reference: 04110

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	40 ml Glass	HCL	Yes	4	3
1	125ml Plastic	HNO3	Yes	4	3

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Metal Digestion	Completed			3015A	05/20/05 11:30	MSH		
Metals								
Barium, Dissolved	0.284	mg/L	0.010	200.8	05/20/05 16:26	PER	7440-39-3	
Lead, Dissolved	0.246	mg/L	0.003	200.8	05/20/05 16:26	PER	7439-92-1	
Organics - Volatiles								
Volatile Organics - O'Brien & Gere List								
Acetone	30	ug/L	30	8260B	05/19/05 17:27	JGH	67-64-1	1
Benzene	25	ug/L	1	8260B	05/19/05 17:27	JGH	71-43-2	1
Bromodichloromethane	23	ug/L	1	8260B	05/19/05 17:27	JGH	75-27-4	1
Bromoform	24	ug/L	1	8260B	05/19/05 17:27	JGH	75-25-2	1
Bromomethane	28	ug/L	5	8260B	05/19/05 17:27	JGH	74-83-9	1
2-Butanone (MEK)	30	ug/L	30	8260B	05/19/05 17:27	JGH	78-93-3	1
n-Butylbenzene	23	ug/L	1	8260B	05/19/05 17:27	JGH	104-51-8	1
sec-Butylbenzene	23	ug/L	1	8260B	05/19/05 17:27	JGH	135-98-8	1
tert-Butylbenzene	26	ug/L	1	8260B	05/19/05 17:27	JGH	98-06-6	1
Carbon disulfide	Not detected	ug/L	5	8260B	05/19/05 17:27	JGH	75-15-0	
Carbon tetrachloride	22	ug/L	1	8260B	05/19/05 17:27	JGH	56-23-5	1
Chlorobenzene	27	ug/L	1	8260B	05/19/05 17:27	JGH	108-90-7	1
Chloroethane	27	ug/L	5	8260B	05/19/05 17:27	JGH	75-00-3	1
2-Chloroethylvinyl ether	Not detected	ug/L	1	8260B	05/19/05 17:27	JGH	110-75-8	
Chloroform	24	ug/L	1	8260B	05/19/05 17:27	JGH	67-66-3	1
Chloromethane	23	ug/L	5	8260B	05/19/05 17:27	JGH	74-87-3	1
Dibromochloromethane	26	ug/L	1	8260B	05/19/05 17:27	JGH	124-48-1	1
1,2-Dichlorobenzene	25	ug/L	1	8260B	05/19/05 17:27	JGH	95-50-1	1
1,3-Dichlorobenzene	25	ug/L	1	8260B	05/19/05 17:27	JGH	541-73-1	1
1,4-Dichlorobenzene	25	ug/L	1	8260B	05/19/05 17:27	JGH	106-46-7	1
1,1-Dichloroethene	23	ug/L	1	8260B	05/19/05 17:27	JGH	75-35-4	1
1,2-Dichloroethane	26	ug/L	1	8260B	05/19/05 17:27	JGH	107-06-2	1
1,1-Dichloroethane	25	ug/L	1	8260B	05/19/05 17:27	JGH	75-34-3	1
cis-1,2-Dichloroethene	24	ug/L	1	8260B	05/19/05 17:27	JGH	156-59-2	1
trans-1,2-Dichloroethene	25	ug/L	1	8260B	05/19/05 17:27	JGH	156-60-5	1
1,2-Dichloropropane	24	ug/L	1	8260B	05/19/05 17:27	JGH	78-87-5	1
cis-1,3-Dichloropropene	24	ug/L	1	8260B	05/19/05 17:27	JGH	10061-01-5	1
trans-1,3-Dichloropropene	25	ug/L	1	8260B	05/19/05 17:27	JGH	10061-02-6	1
Ethylbenzene	26	ug/L	1	8260B	05/19/05 17:27	JGH	100-41-4	1
2-Hexanone	30	ug/L	50	8260B	05/19/05 17:27	JGH	591-78-6	J1
Isopropylbenzene	28	ug/L	1	8260B	05/19/05 17:27	JGH	98-82-8	1
p-Isopropyltoluene	25	ug/L	1	8260B	05/19/05 17:27	JGH	99-87-6	1

1-Spiked at 25ug/L
J-Estimated value less than reporting limit, but greater than MDL

Lab Sample ID: S22242.04 (continued)

Sample Tag: WG-051205-004MS

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics - O'Brien & Gere List (continued)								
4-Methyl-2-pentanone (MIBK)	20	ug/L	50	8260B	05/19/05 17:27	JGH	108-10-1	J1
Methylene chloride	27	ug/L	5	8260B	05/19/05 17:27	JGH	75-09-2	1
tert-Methyl butyl ether (MTBE)	Not detected	ug/L	5	8260B	05/19/05 17:27	JGH	1634-04-4	
2-Methylnaphthalene	25	ug/L	5	8260B	05/19/05 17:27	JGH	91-57-6	1
Naphthalene	23	ug/L	5	8260B	05/19/05 17:27	JGH	91-20-3	1
n-Propylbenzene	26	ug/L	1	8260B	05/19/05 17:27	JGH	103-65-1	1
Styrene	28	ug/L	1	8260B	05/19/05 17:27	JGH	100-42-5	1
1,1,2,2-Tetrachloroethane	25	ug/L	1	8260B	05/19/05 17:27	JGH	79-34-5	1
Tetrachloroethene	26	ug/L	1	8260B	05/19/05 17:27	JGH	127-18-4	1
Toluene	25	ug/L	1	8260B	05/19/05 17:27	JGH	108-88-3	1
1,1,1-Trichloroethane	22	ug/L	1	8260B	05/19/05 17:27	JGH	71-55-6	1
1,1,2-Trichloroethane	25	ug/L	1	8260B	05/19/05 17:27	JGH	79-00-5	1
Trichloroethene	24	ug/L	1	8260B	05/19/05 17:27	JGH	79-01-6	1
Trichlorofluoromethane	27	ug/L	1	8260B	05/19/05 17:27	JGH	75-69-4	1
1,2,4-Trimethylbenzene	26	ug/L	1	8260B	05/19/05 17:27	JGH	95-63-6	1
1,3,5-Trimethylbenzene	27	ug/L	1	8260B	05/19/05 17:27	JGH	108-67-8	1
Vinyl chloride	27	ug/L	1	8260B	05/19/05 17:27	JGH	75-01-4	1
o-Xylene	27	ug/L	1	8260B	05/19/05 17:27	JGH	95-47-6	1
p,m-Xylene	58	ug/L	2	8260B	05/19/05 17:27	JGH		1

J-Estimated value less than reporting limit, but greater than MDL 1-Spiked at 25ug/L

Merit Laboratories, Inc.

Analytical Laboratory Report

Lab Sample ID: S22242.05
Sample Tag: WG-051205-004MSD
Collected Date/Time: 05/12/2005 11:30
Matrix: Groundwater
COC Reference: 04110

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	40 ml Glass	HCL	Yes	4	3
1	125ml Plastic	HNO3	Yes	4	3

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Metal Digestion	Completed			3015A	05/20/05 11:30	MSH		
Metals								
Barium, Dissolved	0.280	mg/L	0.010	200.8	05/20/05 16:27	PER	7440-39-3	
Lead, Dissolved	0.249	mg/L	0.003	200.8	05/20/05 16:27	PER	7439-92-1	
Organics - Volatiles								
Volatile Organics - O'Brien & Gere List								
Acetone	30	ug/L	30	8260B	05/19/05 18:01	JGH	67-64-1	1
Benzene	26	ug/L	1	8260B	05/19/05 18:01	JGH	71-43-2	1
Bromodichloromethane	24	ug/L	1	8260B	05/19/05 18:01	JGH	75-27-4	1
Bromoform	25	ug/L	1	8260B	05/19/05 18:01	JGH	75-25-2	1
Bromomethane	32	ug/L	5	8260B	05/19/05 18:01	JGH	74-83-9	1
2-Butanone (MEK)	30	ug/L	30	8260B	05/19/05 18:01	JGH	78-93-3	1
n-Butylbenzene	24	ug/L	1	8260B	05/19/05 18:01	JGH	104-51-8	1
sec-Butylbenzene	24	ug/L	1	8260B	05/19/05 18:01	JGH	135-98-8	1
tert-Butylbenzene	27	ug/L	1	8260B	05/19/05 18:01	JGH	98-06-6	1
Carbon disulfide	Not detected	ug/L	5	8260B	05/19/05 18:01	JGH	75-15-0	
Carbon tetrachloride	24	ug/L	1	8260B	05/19/05 18:01	JGH	56-23-5	1
Chlorobenzene	28	ug/L	1	8260B	05/19/05 18:01	JGH	108-90-7	1
Chloroethane	30	ug/L	5	8260B	05/19/05 18:01	JGH	75-00-3	1
2-Chloroethylvinyl ether	Not detected	ug/L	1	8260B	05/19/05 18:01	JGH	110-75-8	
Chloroform	25	ug/L	1	8260B	05/19/05 18:01	JGH	67-66-3	1
Chloromethane	26	ug/L	5	8260B	05/19/05 18:01	JGH	74-87-3	1
Dibromochloromethane	27	ug/L	1	8260B	05/19/05 18:01	JGH	124-48-1	1
1,2-Dichlorobenzene	27	ug/L	1	8260B	05/19/05 18:01	JGH	95-50-1	1
1,3-Dichlorobenzene	26	ug/L	1	8260B	05/19/05 18:01	JGH	541-73-1	1
1,4-Dichlorobenzene	26	ug/L	1	8260B	05/19/05 18:01	JGH	106-46-7	1
1,1-Dichloroethene	24	ug/L	1	8260B	05/19/05 18:01	JGH	75-35-4	1
1,2-Dichloroethane	26	ug/L	1	8260B	05/19/05 18:01	JGH	107-06-2	1
1,1-Dichloroethane	25	ug/L	1	8260B	05/19/05 18:01	JGH	75-34-3	1
cis-1,2-Dichloroethene	26	ug/L	1	8260B	05/19/05 18:01	JGH	156-59-2	1
trans-1,2-Dichloroethene	26	ug/L	1	8260B	05/19/05 18:01	JGH	156-60-5	1
1,2-Dichloropropane	25	ug/L	1	8260B	05/19/05 18:01	JGH	78-87-5	1
cis-1,3-Dichloropropene	25	ug/L	1	8260B	05/19/05 18:01	JGH	10061-01-5	1
trans-1,3-Dichloropropene	25	ug/L	1	8260B	05/19/05 18:01	JGH	10061-02-6	1
Ethylbenzene	27	ug/L	1	8260B	05/19/05 18:01	JGH	100-41-4	1
2-Hexanone	30	ug/L	50	8260B	05/19/05 18:01	JGH	591-78-6	J1
Isopropylbenzene	30	ug/L	1	8260B	05/19/05 18:01	JGH	98-82-8	1
p-Isopropyltoluene	27	ug/L	1	8260B	05/19/05 18:01	JGH	99-87-6	1

1-Spiked at 25ug/L
J-Estimated value less than reporting limit, but greater than MDL

Lab Sample ID: S22242.05 (continued)

Sample Tag: WG-051205-004MSD

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics - O'Brien & Gere List (continued)								
4-Methyl-2-pentanone (MIBK)	30	ug/L	50	8260B	05/19/05 18:01	JGH	108-10-1	J1
Methylene chloride	29	ug/L	5	8260B	05/19/05 18:01	JGH	75-09-2	1
tert-Methyl butyl ether (MTBE)	Not detected	ug/L	5	8260B	05/19/05 18:01	JGH	1634-04-4	
2-Methylnaphthalene	27	ug/L	5	8260B	05/19/05 18:01	JGH	91-57-6	1
Naphthalene	24	ug/L	5	8260B	05/19/05 18:01	JGH	91-20-3	1
n-Propylbenzene	28	ug/L	1	8260B	05/19/05 18:01	JGH	103-65-1	1
Styrene	29	ug/L	1	8260B	05/19/05 18:01	JGH	100-42-5	1
1,1,2,2-Tetrachloroethane	27	ug/L	1	8260B	05/19/05 18:01	JGH	79-34-5	1
Tetrachloroethene	28	ug/L	1	8260B	05/19/05 18:01	JGH	127-18-4	1
Toluene	25	ug/L	1	8260B	05/19/05 18:01	JGH	108-88-3	1
1,1,1-Trichloroethane	23	ug/L	1	8260B	05/19/05 18:01	JGH	71-55-6	1
1,1,2-Trichloroethane	25	ug/L	1	8260B	05/19/05 18:01	JGH	79-00-5	1
Trichloroethene	25	ug/L	1	8260B	05/19/05 18:01	JGH	79-01-6	1
Trichlorofluoromethane	16	ug/L	1	8260B	05/19/05 18:01	JGH	75-69-4	1
1,2,4-Trimethylbenzene	28	ug/L	1	8260B	05/19/05 18:01	JGH	95-63-6	1
1,3,5-Trimethylbenzene	29	ug/L	1	8260B	05/19/05 18:01	JGH	108-67-8	1
Vinyl chloride	30	ug/L	1	8260B	05/19/05 18:01	JGH	75-01-4	1
o-Xylene	28	ug/L	1	8260B	05/19/05 18:01	JGH	95-47-6	1
p,m-Xylene	60	ug/L	2	8260B	05/19/05 18:01	JGH		1

J-Estimated value less than reporting limit, but greater than MDL 1-Spiked at 25ug/L

Analytical Laboratory Report

Lab Sample ID: S22242.06
Sample Tag: WG-051205-005
Collected Date/Time: 05/12/2005 :
Matrix: Groundwater
COC Reference: 04110

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	40 ml Glass	HCL	Yes	4	3
1	125ml Plastic	HNO3	Yes	4	3

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Metal Digestion	Completed			3015A	05/20/05 11:30	MSH		
Metals								
Barium, Dissolved	0.087	mg/L	0.010	200.8	05/20/05 16:28	PER	7440-39-3	
Lead, Dissolved	Not detected	mg/L	0.003	200.8	05/20/05 16:28	PER	7439-92-1	
Organics - Volatiles								
Volatile Organics - O'Brien & Gere List								
Acetone	Not detected	ug/L	30	8260B	05/19/05 15:12	JGH	67-64-1	
Benzene	Not detected	ug/L	1	8260B	05/19/05 15:12	JGH	71-43-2	
Bromodichloromethane	Not detected	ug/L	1	8260B	05/19/05 15:12	JGH	75-27-4	
Bromoform	Not detected	ug/L	1	8260B	05/19/05 15:12	JGH	75-25-2	
Bromomethane	Not detected	ug/L	5	8260B	05/19/05 15:12	JGH	74-83-9	
2-Butanone (MEK)	Not detected	ug/L	30	8260B	05/19/05 15:12	JGH	78-93-3	
n-Butylbenzene	Not detected	ug/L	1	8260B	05/19/05 15:12	JGH	104-51-8	
sec-Butylbenzene	Not detected	ug/L	1	8260B	05/19/05 15:12	JGH	135-98-8	
tert-Butylbenzene	Not detected	ug/L	1	8260B	05/19/05 15:12	JGH	98-06-6	
Carbon disulfide	Not detected	ug/L	5	8260B	05/19/05 15:12	JGH	75-15-0	
Carbon tetrachloride	Not detected	ug/L	1	8260B	05/19/05 15:12	JGH	56-23-5	
Chlorobenzene	Not detected	ug/L	1	8260B	05/19/05 15:12	JGH	108-90-7	
Chloroethane	Not detected	ug/L	5	8260B	05/19/05 15:12	JGH	75-00-3	
2-Chloroethylvinyl ether	Not detected	ug/L	1	8260B	05/19/05 15:12	JGH	110-75-8	
Chloroform	Not detected	ug/L	1	8260B	05/19/05 15:12	JGH	67-66-3	
Chloromethane	Not detected	ug/L	5	8260B	05/19/05 15:12	JGH	74-87-3	
Dibromochloromethane	Not detected	ug/L	1	8260B	05/19/05 15:12	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/L	1	8260B	05/19/05 15:12	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/L	1	8260B	05/19/05 15:12	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/L	1	8260B	05/19/05 15:12	JGH	106-46-7	
1,1-Dichloroethene	Not detected	ug/L	1	8260B	05/19/05 15:12	JGH	75-35-4	
1,2-Dichloroethane	Not detected	ug/L	1	8260B	05/19/05 15:12	JGH	107-06-2	
1,1-Dichloroethane	Not detected	ug/L	1	8260B	05/19/05 15:12	JGH	75-34-3	
cis-1,2-Dichloroethene	Not detected	ug/L	1	8260B	05/19/05 15:12	JGH	156-59-2	
trans-1,2-Dichloroethene	Not detected	ug/L	1	8260B	05/19/05 15:12	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/L	1	8260B	05/19/05 15:12	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/L	1	8260B	05/19/05 15:12	JGH	10061-01-5	
trans-1,3-Dichloropropene	Not detected	ug/L	1	8260B	05/19/05 15:12	JGH	10061-02-6	
Ethylbenzene	Not detected	ug/L	1	8260B	05/19/05 15:12	JGH	100-41-4	
2-Hexanone	Not detected	ug/L	50	8260B	05/19/05 15:12	JGH	591-78-6	
Isopropylbenzene	Not detected	ug/L	1	8260B	05/19/05 15:12	JGH	98-82-8	
p-Isopropyltoluene	Not detected	ug/L	1	8260B	05/19/05 15:12	JGH	99-87-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/L	50	8260B	05/19/05 15:12	JGH	108-10-1	
Methylene chloride	1	ug/L	5	8260B	05/19/05 15:12	JGH	75-09-2	J

J-Estimated value less than reporting limit, but greater than MDL

Lab Sample ID: S22242.06 (continued)

Sample Tag: WG-051205-005

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics - O'Brien & Gere List (continued)								
tert-Methyl butyl ether (MTBE)	Not detected	ug/L	5	8260B	05/19/05 15:12	JGH	1634-04-4	
2-Methylnaphthalene	Not detected	ug/L	5	8260B	05/19/05 15:12	JGH	91-57-6	
Naphthalene	Not detected	ug/L	5	8260B	05/19/05 15:12	JGH	91-20-3	
n-Propylbenzene	Not detected	ug/L	1	8260B	05/19/05 15:12	JGH	103-65-1	
Styrene	Not detected	ug/L	1	8260B	05/19/05 15:12	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/L	1	8260B	05/19/05 15:12	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/L	1	8260B	05/19/05 15:12	JGH	127-18-4	
Toluene	Not detected	ug/L	1	8260B	05/19/05 15:12	JGH	108-88-3	
1,1,1-Trichloroethane	Not detected	ug/L	1	8260B	05/19/05 15:12	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/L	1	8260B	05/19/05 15:12	JGH	79-00-5	
Trichloroethene	Not detected	ug/L	1	8260B	05/19/05 15:12	JGH	79-01-6	
Trichlorofluoromethane	Not detected	ug/L	1	8260B	05/19/05 15:12	JGH	75-69-4	
1,2,4-Trimethylbenzene	Not detected	ug/L	1	8260B	05/19/05 15:12	JGH	95-63-6	
1,3,5-Trimethylbenzene	Not detected	ug/L	1	8260B	05/19/05 15:12	JGH	108-67-8	
Vinyl chloride	Not detected	ug/L	1	8260B	05/19/05 15:12	JGH	75-01-4	
o-Xylene	Not detected	ug/L	1	8260B	05/19/05 15:12	JGH	95-47-6	
p,m-Xylene	Not detected	ug/L	2	8260B	05/19/05 15:12	JGH		

Analytical Laboratory Report

Lab Sample ID: S22242.07
Sample Tag: WG-051205-006
Collected Date/Time: 05/12/2005 12:30
Matrix: Groundwater
COC Reference: 04110

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	40 ml Glass	HCL	Yes	4	3
1	125ml Plastic	HNO3	Yes	4	3

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Metal Digestion	Completed			3015A	05/20/05 11:30	MSH		
Metals								
Barium, Dissolved	0.087	mg/L	0.010	200.8	05/20/05 16:32	PER	7440-39-3	
Lead, Dissolved	Not detected	mg/L	0.003	200.8	05/20/05 16:32	PER	7439-92-1	
Organics - Volatiles								
Volatile Organics - O'Brien & Gere List								
Acetone	Not detected	ug/L	30	8260B	05/19/05 03:27	JGH	67-64-1	
Benzene	Not detected	ug/L	1	8260B	05/19/05 03:27	JGH	71-43-2	
Bromodichloromethane	Not detected	ug/L	1	8260B	05/19/05 03:27	JGH	75-27-4	
Bromoform	Not detected	ug/L	1	8260B	05/19/05 03:27	JGH	75-25-2	
Bromomethane	Not detected	ug/L	5	8260B	05/19/05 03:27	JGH	74-83-9	
2-Butanone (MEK)	Not detected	ug/L	30	8260B	05/19/05 03:27	JGH	78-93-3	
n-Butylbenzene	Not detected	ug/L	1	8260B	05/19/05 03:27	JGH	104-51-8	
sec-Butylbenzene	Not detected	ug/L	1	8260B	05/19/05 03:27	JGH	135-98-8	
tert-Butylbenzene	Not detected	ug/L	1	8260B	05/19/05 03:27	JGH	98-06-6	
Carbon disulfide	Not detected	ug/L	5	8260B	05/19/05 03:27	JGH	75-15-0	
Carbon tetrachloride	Not detected	ug/L	1	8260B	05/19/05 03:27	JGH	56-23-5	
Chlorobenzene	Not detected	ug/L	1	8260B	05/19/05 03:27	JGH	108-90-7	
Chloroethane	Not detected	ug/L	5	8260B	05/19/05 03:27	JGH	75-00-3	
2-Chloroethylvinyl ether	Not detected	ug/L	1	8260B	05/19/05 03:27	JGH	110-75-8	
Chloroform	Not detected	ug/L	1	8260B	05/19/05 03:27	JGH	67-66-3	
Chloromethane	Not detected	ug/L	5	8260B	05/19/05 03:27	JGH	74-87-3	
Dibromochloromethane	Not detected	ug/L	1	8260B	05/19/05 03:27	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/L	1	8260B	05/19/05 03:27	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/L	1	8260B	05/19/05 03:27	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/L	1	8260B	05/19/05 03:27	JGH	106-46-7	
1,1-Dichloroethene	Not detected	ug/L	1	8260B	05/19/05 03:27	JGH	75-35-4	
1,2-Dichloroethane	Not detected	ug/L	1	8260B	05/19/05 03:27	JGH	107-06-2	
1,1-Dichloroethane	Not detected	ug/L	1	8260B	05/19/05 03:27	JGH	75-34-3	
cis-1,2-Dichloroethene	Not detected	ug/L	1	8260B	05/19/05 03:27	JGH	156-59-2	
trans-1,2-Dichloroethene	Not detected	ug/L	1	8260B	05/19/05 03:27	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/L	1	8260B	05/19/05 03:27	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/L	1	8260B	05/19/05 03:27	JGH	10061-01-5	
trans-1,3-Dichloropropene	Not detected	ug/L	1	8260B	05/19/05 03:27	JGH	10061-02-6	
Ethylbenzene	Not detected	ug/L	1	8260B	05/19/05 03:27	JGH	100-41-4	
2-Hexanone	Not detected	ug/L	50	8260B	05/19/05 03:27	JGH	591-78-6	
Isopropylbenzene	Not detected	ug/L	1	8260B	05/19/05 03:27	JGH	98-82-8	
p-Isopropyltoluene	Not detected	ug/L	1	8260B	05/19/05 03:27	JGH	99-87-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/L	50	8260B	05/19/05 03:27	JGH	108-10-1	
Methylene chloride	Not detected	ug/L	5	8260B	05/19/05 03:27	JGH	75-09-2	

Lab Sample ID: S22242.07 (continued)

Sample Tag: WG-051205-006

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics - O'Brien & Gere List (continued)								
tert-Methyl butyl ether (MTBE)	Not detected	ug/L	5	8260B	05/19/05 03:27	JGH	1634-04-4	
2-Methylnaphthalene	Not detected	ug/L	5	8260B	05/19/05 03:27	JGH	91-57-6	
Naphthalene	Not detected	ug/L	5	8260B	05/19/05 03:27	JGH	91-20-3	
n-Propylbenzene	Not detected	ug/L	1	8260B	05/19/05 03:27	JGH	103-65-1	
Styrene	Not detected	ug/L	1	8260B	05/19/05 03:27	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/L	1	8260B	05/19/05 03:27	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/L	1	8260B	05/19/05 03:27	JGH	127-18-4	
Toluene	Not detected	ug/L	1	8260B	05/19/05 03:27	JGH	108-88-3	
1,1,1-Trichloroethane	Not detected	ug/L	1	8260B	05/19/05 03:27	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/L	1	8260B	05/19/05 03:27	JGH	79-00-5	
Trichloroethene	Not detected	ug/L	1	8260B	05/19/05 03:27	JGH	79-01-6	
Trichlorofluoromethane	Not detected	ug/L	1	8260B	05/19/05 03:27	JGH	75-69-4	
1,2,4-Trimethylbenzene	Not detected	ug/L	1	8260B	05/19/05 03:27	JGH	95-63-6	
1,3,5-Trimethylbenzene	Not detected	ug/L	1	8260B	05/19/05 03:27	JGH	108-67-8	
Vinyl chloride	Not detected	ug/L	1	8260B	05/19/05 03:27	JGH	75-01-4	
o-Xylene	Not detected	ug/L	1	8260B	05/19/05 03:27	JGH	95-47-6	
p,m-Xylene	Not detected	ug/L	2	8260B	05/19/05 03:27	JGH		

Merit Laboratories, Inc.

Analytical Laboratory Report

Lab Sample ID: S22242.08
Sample Tag: WG-051205-007
Collected Date/Time: 05/12/2005 13:30
Matrix: Groundwater
COC Reference: 04110

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	40 ml Glass	HCL	Yes	4	3
1	125ml Plastic	HNO3	Yes	4	3

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Metal Digestion	Completed			3015A	05/20/05 11:30	MSH		
Metals								
Barium, Dissolved	0.095	mg/L	0.010	200.8	05/20/05 16:35	PER	7440-39-3	
Lead, Dissolved	Not detected	mg/L	0.003	200.8	05/20/05 16:35	PER	7439-92-1	
Organics - Volatiles								
Volatile Organics - O'Brien & Gere List								
Acetone	Not detected	ug/L	30	8260B	05/19/05 04:01	JGH	67-64-1	
Benzene	Not detected	ug/L	1	8260B	05/19/05 04:01	JGH	71-43-2	
Bromodichloromethane	Not detected	ug/L	1	8260B	05/19/05 04:01	JGH	75-27-4	
Bromoform	Not detected	ug/L	1	8260B	05/19/05 04:01	JGH	75-25-2	
Bromomethane	Not detected	ug/L	5	8260B	05/19/05 04:01	JGH	74-83-9	
2-Butanone (MEK)	Not detected	ug/L	30	8260B	05/19/05 04:01	JGH	78-93-3	
n-Butylbenzene	Not detected	ug/L	1	8260B	05/19/05 04:01	JGH	104-51-8	
sec-Butylbenzene	Not detected	ug/L	1	8260B	05/19/05 04:01	JGH	135-98-8	
tert-Butylbenzene	Not detected	ug/L	1	8260B	05/19/05 04:01	JGH	98-06-6	
Carbon disulfide	Not detected	ug/L	5	8260B	05/19/05 04:01	JGH	75-15-0	
Carbon tetrachloride	Not detected	ug/L	1	8260B	05/19/05 04:01	JGH	56-23-5	
Chlorobenzene	Not detected	ug/L	1	8260B	05/19/05 04:01	JGH	108-90-7	
Chloroethane	Not detected	ug/L	5	8260B	05/19/05 04:01	JGH	75-00-3	
2-Chloroethylvinyl ether	Not detected	ug/L	1	8260B	05/19/05 04:01	JGH	110-75-8	
Chloroform	Not detected	ug/L	1	8260B	05/19/05 04:01	JGH	67-66-3	
Chloromethane	Not detected	ug/L	5	8260B	05/19/05 04:01	JGH	74-87-3	
Dibromochloromethane	Not detected	ug/L	1	8260B	05/19/05 04:01	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/L	1	8260B	05/19/05 04:01	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/L	1	8260B	05/19/05 04:01	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/L	1	8260B	05/19/05 04:01	JGH	106-46-7	
1,1-Dichloroethene	Not detected	ug/L	1	8260B	05/19/05 04:01	JGH	75-35-4	
1,2-Dichloroethane	Not detected	ug/L	1	8260B	05/19/05 04:01	JGH	107-06-2	
1,1-Dichloroethane	Not detected	ug/L	1	8260B	05/19/05 04:01	JGH	75-34-3	
cis-1,2-Dichloroethene	Not detected	ug/L	1	8260B	05/19/05 04:01	JGH	156-59-2	
trans-1,2-Dichloroethene	Not detected	ug/L	1	8260B	05/19/05 04:01	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/L	1	8260B	05/19/05 04:01	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/L	1	8260B	05/19/05 04:01	JGH	10061-01-5	
trans-1,3-Dichloropropene	Not detected	ug/L	1	8260B	05/19/05 04:01	JGH	10061-02-6	
Ethylbenzene	Not detected	ug/L	1	8260B	05/19/05 04:01	JGH	100-41-4	
2-Hexanone	Not detected	ug/L	50	8260B	05/19/05 04:01	JGH	591-78-6	
Isopropylbenzene	Not detected	ug/L	1	8260B	05/19/05 04:01	JGH	98-82-8	
p-Isopropyltoluene	Not detected	ug/L	1	8260B	05/19/05 04:01	JGH	99-87-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/L	50	8260B	05/19/05 04:01	JGH	108-10-1	
Methylene chloride	Not detected	ug/L	5	8260B	05/19/05 04:01	JGH	75-09-2	

Lab Sample ID: S22242.08 (continued)

Sample Tag: WG-051205-007

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics - O'Brien & Gere List (continued)								
tert-Methyl butyl ether (MTBE)	Not detected	ug/L	5	8260B	05/19/05 04:01	JGH	1634-04-4	
2-Methylnaphthalene	Not detected	ug/L	5	8260B	05/19/05 04:01	JGH	91-57-6	
Naphthalene	Not detected	ug/L	5	8260B	05/19/05 04:01	JGH	91-20-3	
n-Propylbenzene	Not detected	ug/L	1	8260B	05/19/05 04:01	JGH	103-65-1	
Styrene	Not detected	ug/L	1	8260B	05/19/05 04:01	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/L	1	8260B	05/19/05 04:01	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/L	1	8260B	05/19/05 04:01	JGH	127-18-4	
Toluene	Not detected	ug/L	1	8260B	05/19/05 04:01	JGH	108-88-3	
1,1,1-Trichloroethane	Not detected	ug/L	1	8260B	05/19/05 04:01	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/L	1	8260B	05/19/05 04:01	JGH	79-00-5	
Trichloroethene	Not detected	ug/L	1	8260B	05/19/05 04:01	JGH	79-01-6	
Trichlorofluoromethane	Not detected	ug/L	1	8260B	05/19/05 04:01	JGH	75-69-4	
1,2,4-Trimethylbenzene	Not detected	ug/L	1	8260B	05/19/05 04:01	JGH	95-63-6	
1,3,5-Trimethylbenzene	Not detected	ug/L	1	8260B	05/19/05 04:01	JGH	108-67-8	
Vinyl chloride	Not detected	ug/L	1	8260B	05/19/05 04:01	JGH	75-01-4	
o-Xylene	Not detected	ug/L	1	8260B	05/19/05 04:01	JGH	95-47-6	
p,m-Xylene	Not detected	ug/L	2	8260B	05/19/05 04:01	JGH		

Analytical Laboratory Report

Lab Sample ID: S22242.09
Sample Tag: WG-051205-008
Collected Date/Time: 05/12/2005 14:30
Matrix: Groundwater
COC Reference: 04110

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	40 ml Glass	HCL	Yes	4	3
1	125ml Plastic	HNO3	Yes	4	3

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Metal Digestion	Completed			3015A	05/20/05 11:30	MSH		
Metals								
Barium, Dissolved	0.024	mg/L	0.010	200.8	05/20/05 16:37	PER	7440-39-3	
Lead, Dissolved	Not detected	mg/L	0.003	200.8	05/20/05 16:37	PER	7439-92-1	
Organics - Volatiles								
Volatile Organics - O'Brien & Gere List								
Acetone	Not detected	ug/L	30	8260B	05/19/05 04:34	JGH	67-64-1	
Benzene	Not detected	ug/L	1	8260B	05/19/05 04:34	JGH	71-43-2	
Bromodichloromethane	Not detected	ug/L	1	8260B	05/19/05 04:34	JGH	75-27-4	
Bromoform	Not detected	ug/L	1	8260B	05/19/05 04:34	JGH	75-25-2	
Bromomethane	Not detected	ug/L	5	8260B	05/19/05 04:34	JGH	74-83-9	
2-Butanone (MEK)	Not detected	ug/L	30	8260B	05/19/05 04:34	JGH	78-93-3	
n-Butylbenzene	Not detected	ug/L	1	8260B	05/19/05 04:34	JGH	104-51-8	
sec-Butylbenzene	Not detected	ug/L	1	8260B	05/19/05 04:34	JGH	135-98-8	
tert-Butylbenzene	Not detected	ug/L	1	8260B	05/19/05 04:34	JGH	98-06-6	
Carbon disulfide	Not detected	ug/L	5	8260B	05/19/05 04:34	JGH	75-15-0	
Carbon tetrachloride	Not detected	ug/L	1	8260B	05/19/05 04:34	JGH	56-23-5	
Chlorobenzene	Not detected	ug/L	1	8260B	05/19/05 04:34	JGH	108-90-7	
Chloroethane	Not detected	ug/L	5	8260B	05/19/05 04:34	JGH	75-00-3	
2-Chloroethylvinyl ether	Not detected	ug/L	1	8260B	05/19/05 04:34	JGH	110-75-8	
Chloroform	Not detected	ug/L	1	8260B	05/19/05 04:34	JGH	67-66-3	
Chloromethane	1	ug/L	5	8260B	05/19/05 04:34	JGH	74-87-3	J
Dibromochloromethane	Not detected	ug/L	1	8260B	05/19/05 04:34	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/L	1	8260B	05/19/05 04:34	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/L	1	8260B	05/19/05 04:34	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/L	1	8260B	05/19/05 04:34	JGH	106-46-7	
1,1-Dichloroethene	Not detected	ug/L	1	8260B	05/19/05 04:34	JGH	75-35-4	
1,2-Dichloroethane	Not detected	ug/L	1	8260B	05/19/05 04:34	JGH	107-06-2	
1,1-Dichloroethane	Not detected	ug/L	1	8260B	05/19/05 04:34	JGH	75-34-3	
cis-1,2-Dichloroethene	Not detected	ug/L	1	8260B	05/19/05 04:34	JGH	156-59-2	
trans-1,2-Dichloroethene	Not detected	ug/L	1	8260B	05/19/05 04:34	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/L	1	8260B	05/19/05 04:34	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/L	1	8260B	05/19/05 04:34	JGH	10061-01-5	
trans-1,3-Dichloropropene	Not detected	ug/L	1	8260B	05/19/05 04:34	JGH	10061-02-6	
Ethylbenzene	Not detected	ug/L	1	8260B	05/19/05 04:34	JGH	100-41-4	
2-Hexanone	Not detected	ug/L	50	8260B	05/19/05 04:34	JGH	591-78-6	
Isopropylbenzene	Not detected	ug/L	1	8260B	05/19/05 04:34	JGH	98-82-8	
p-Isopropyltoluene	Not detected	ug/L	1	8260B	05/19/05 04:34	JGH	99-87-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/L	50	8260B	05/19/05 04:34	JGH	108-10-1	

J-Estimated value less than reporting limit, but greater than MDL

Lab Sample ID: S22242.09 (continued)

Sample Tag: WG-051205-008

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics - O'Brien & Gere List (continued)								
Methylene chloride	Not detected	ug/L	5	8260B	05/19/05 04:34	JGH	75-09-2	
tert-Methyl butyl ether (MTBE)	Not detected	ug/L	5	8260B	05/19/05 04:34	JGH	1634-04-4	
2-Methylnaphthalene	Not detected	ug/L	5	8260B	05/19/05 04:34	JGH	91-57-6	
Naphthalene	Not detected	ug/L	5	8260B	05/19/05 04:34	JGH	91-20-3	
n-Propylbenzene	Not detected	ug/L	1	8260B	05/19/05 04:34	JGH	103-65-1	
Styrene	Not detected	ug/L	1	8260B	05/19/05 04:34	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/L	1	8260B	05/19/05 04:34	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/L	1	8260B	05/19/05 04:34	JGH	127-18-4	
Toluene	Not detected	ug/L	1	8260B	05/19/05 04:34	JGH	108-88-3	
1,1,1-Trichloroethane	Not detected	ug/L	1	8260B	05/19/05 04:34	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/L	1	8260B	05/19/05 04:34	JGH	79-00-5	
Trichloroethene	Not detected	ug/L	1	8260B	05/19/05 04:34	JGH	79-01-6	
Trichlorofluoromethane	Not detected	ug/L	1	8260B	05/19/05 04:34	JGH	75-69-4	
1,2,4-Trimethylbenzene	Not detected	ug/L	1	8260B	05/19/05 04:34	JGH	95-63-6	
1,3,5-Trimethylbenzene	Not detected	ug/L	1	8260B	05/19/05 04:34	JGH	108-67-8	
Vinyl chloride	Not detected	ug/L	1	8260B	05/19/05 04:34	JGH	75-01-4	
o-Xylene	Not detected	ug/L	1	8260B	05/19/05 04:34	JGH	95-47-6	
p,m-Xylene	Not detected	ug/L	2	8260B	05/19/05 04:34	JGH		

Analytical Laboratory Report

Lab Sample ID: S22242.10
Sample Tag: WG-051205-009
Collected Date/Time: 05/12/2005 14:30
Matrix: Groundwater
COC Reference: 04110

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	40 ml Glass	HCL	Yes	4	3
1	125ml Plastic	HNO3	Yes	4	3

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Metal Digestion	Completed			3015A	05/20/05 11:30	MSH		
Metals								
Barium, Dissolved	0.027	mg/L	0.010	200.8	05/20/05 16:38	PER	7440-39-3	
Lead, Dissolved	Not detected	mg/L	0.003	200.8	05/20/05 16:38	PER	7439-92-1	
Organics - Volatiles								
Volatile Organics - O'Brien & Gere List								
Acetone	5	ug/L	30	8260B	05/19/05 05:08	JGH	67-64-1	J
Benzene	Not detected	ug/L	1	8260B	05/19/05 05:08	JGH	71-43-2	
Bromodichloromethane	Not detected	ug/L	1	8260B	05/19/05 05:08	JGH	75-27-4	
Bromoform	Not detected	ug/L	1	8260B	05/19/05 05:08	JGH	75-25-2	
Bromomethane	Not detected	ug/L	5	8260B	05/19/05 05:08	JGH	74-83-9	
2-Butanone (MEK)	Not detected	ug/L	30	8260B	05/19/05 05:08	JGH	78-93-3	
n-Butylbenzene	Not detected	ug/L	1	8260B	05/19/05 05:08	JGH	104-51-8	
sec-Butylbenzene	Not detected	ug/L	1	8260B	05/19/05 05:08	JGH	135-98-8	
tert-Butylbenzene	Not detected	ug/L	1	8260B	05/19/05 05:08	JGH	98-06-6	
Carbon disulfide	Not detected	ug/L	5	8260B	05/19/05 05:08	JGH	75-15-0	
Carbon tetrachloride	Not detected	ug/L	1	8260B	05/19/05 05:08	JGH	56-23-5	
Chlorobenzene	Not detected	ug/L	1	8260B	05/19/05 05:08	JGH	108-90-7	
Chloroethane	Not detected	ug/L	5	8260B	05/19/05 05:08	JGH	75-00-3	
2-Chloroethylvinyl ether	Not detected	ug/L	1	8260B	05/19/05 05:08	JGH	110-75-8	
Chloroform	Not detected	ug/L	1	8260B	05/19/05 05:08	JGH	67-66-3	
Chloromethane	1	ug/L	5	8260B	05/19/05 05:08	JGH	74-87-3	J
Dibromochloromethane	Not detected	ug/L	1	8260B	05/19/05 05:08	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/L	1	8260B	05/19/05 05:08	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/L	1	8260B	05/19/05 05:08	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/L	1	8260B	05/19/05 05:08	JGH	106-46-7	
1,1-Dichloroethene	Not detected	ug/L	1	8260B	05/19/05 05:08	JGH	75-35-4	
1,2-Dichloroethane	Not detected	ug/L	1	8260B	05/19/05 05:08	JGH	107-06-2	
1,1-Dichloroethane	Not detected	ug/L	1	8260B	05/19/05 05:08	JGH	75-34-3	
cis-1,2-Dichloroethene	Not detected	ug/L	1	8260B	05/19/05 05:08	JGH	156-59-2	
trans-1,2-Dichloroethene	Not detected	ug/L	1	8260B	05/19/05 05:08	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/L	1	8260B	05/19/05 05:08	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/L	1	8260B	05/19/05 05:08	JGH	10061-01-5	
trans-1,3-Dichloropropene	Not detected	ug/L	1	8260B	05/19/05 05:08	JGH	10061-02-6	
Ethylbenzene	Not detected	ug/L	1	8260B	05/19/05 05:08	JGH	100-41-4	
2-Hexanone	Not detected	ug/L	50	8260B	05/19/05 05:08	JGH	591-78-6	
Isopropylbenzene	Not detected	ug/L	1	8260B	05/19/05 05:08	JGH	98-82-8	
p-Isopropyltoluene	Not detected	ug/L	1	8260B	05/19/05 05:08	JGH	99-87-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/L	50	8260B	05/19/05 05:08	JGH	108-10-1	

J-Estimated value less than reporting limit, but greater than MDL

Lab Sample ID: S22242.10 (continued)

Sample Tag: WG-051205-009

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics - O'Brien & Gere List (continued)								
Methylene chloride	Not detected	ug/L	5	8260B	05/19/05 05:08	JGH	75-09-2	
tert-Methyl butyl ether (MTBE)	Not detected	ug/L	5	8260B	05/19/05 05:08	JGH	1634-04-4	
2-Methylnaphthalene	Not detected	ug/L	5	8260B	05/19/05 05:08	JGH	91-57-6	
Naphthalene	Not detected	ug/L	5	8260B	05/19/05 05:08	JGH	91-20-3	
n-Propylbenzene	Not detected	ug/L	1	8260B	05/19/05 05:08	JGH	103-65-1	
Styrene	Not detected	ug/L	1	8260B	05/19/05 05:08	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/L	1	8260B	05/19/05 05:08	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/L	1	8260B	05/19/05 05:08	JGH	127-18-4	
Toluene	Not detected	ug/L	1	8260B	05/19/05 05:08	JGH	108-88-3	
1,1,1-Trichloroethane	Not detected	ug/L	1	8260B	05/19/05 05:08	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/L	1	8260B	05/19/05 05:08	JGH	79-00-5	
Trichloroethene	Not detected	ug/L	1	8260B	05/19/05 05:08	JGH	79-01-6	
Trichlorofluoromethane	Not detected	ug/L	1	8260B	05/19/05 05:08	JGH	75-69-4	
1,2,4-Trimethylbenzene	Not detected	ug/L	1	8260B	05/19/05 05:08	JGH	95-63-6	
1,3,5-Trimethylbenzene	Not detected	ug/L	1	8260B	05/19/05 05:08	JGH	108-67-8	
Vinyl chloride	Not detected	ug/L	1	8260B	05/19/05 05:08	JGH	75-01-4	
o-Xylene	Not detected	ug/L	1	8260B	05/19/05 05:08	JGH	95-47-6	
p,m-Xylene	Not detected	ug/L	2	8260B	05/19/05 05:08	JGH		

Analytical Laboratory Report

Lab Sample ID: S22242.11
Sample Tag: WG-051205-010
Collected Date/Time: 05/12/2005 15:30
Matrix: Groundwater
COC Reference: 04110

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	40 ml Glass	HCL	Yes	4	3
1	125ml Plastic	HNO3	Yes	4	3

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Metal Digestion	Completed			3015A	05/20/05 11:30	MSH		
Metals								
Barium, Dissolved	0.092	mg/L	0.010	200.8	05/20/05 16:44	PER	7440-39-3	
Lead, Dissolved	Not detected	mg/L	0.003	200.8	05/20/05 16:44	PER	7439-92-1	
Organics - Volatiles								
Volatile Organics - O'Brien & Gere List								
Acetone	8	ug/L	30	8260B	05/19/05 05:42	JGH	67-64-1	J
Benzene	Not detected	ug/L	1	8260B	05/19/05 05:42	JGH	71-43-2	
Bromodichloromethane	Not detected	ug/L	1	8260B	05/19/05 05:42	JGH	75-27-4	
Bromoform	Not detected	ug/L	1	8260B	05/19/05 05:42	JGH	75-25-2	
Bromomethane	Not detected	ug/L	5	8260B	05/19/05 05:42	JGH	74-83-9	
2-Butanone (MEK)	Not detected	ug/L	30	8260B	05/19/05 05:42	JGH	78-93-3	
n-Butylbenzene	Not detected	ug/L	1	8260B	05/19/05 05:42	JGH	104-51-8	
sec-Butylbenzene	Not detected	ug/L	1	8260B	05/19/05 05:42	JGH	135-98-8	
tert-Butylbenzene	Not detected	ug/L	1	8260B	05/19/05 05:42	JGH	98-06-6	
Carbon disulfide	Not detected	ug/L	5	8260B	05/19/05 05:42	JGH	75-15-0	
Carbon tetrachloride	Not detected	ug/L	1	8260B	05/19/05 05:42	JGH	56-23-5	
Chlorobenzene	Not detected	ug/L	1	8260B	05/19/05 05:42	JGH	108-90-7	
Chloroethane	Not detected	ug/L	5	8260B	05/19/05 05:42	JGH	75-00-3	
2-Chloroethylvinyl ether	Not detected	ug/L	1	8260B	05/19/05 05:42	JGH	110-75-8	
Chloroform	Not detected	ug/L	1	8260B	05/19/05 05:42	JGH	67-66-3	
Chloromethane	Not detected	ug/L	5	8260B	05/19/05 05:42	JGH	74-87-3	
Dibromochloromethane	Not detected	ug/L	1	8260B	05/19/05 05:42	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/L	1	8260B	05/19/05 05:42	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/L	1	8260B	05/19/05 05:42	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/L	1	8260B	05/19/05 05:42	JGH	106-46-7	
1,1-Dichloroethene	Not detected	ug/L	1	8260B	05/19/05 05:42	JGH	75-35-4	
1,2-Dichloroethane	Not detected	ug/L	1	8260B	05/19/05 05:42	JGH	107-06-2	
1,1-Dichloroethane	Not detected	ug/L	1	8260B	05/19/05 05:42	JGH	75-34-3	
cis-1,2-Dichloroethene	0.5	ug/L	1	8260B	05/19/05 05:42	JGH	156-59-2	J
trans-1,2-Dichloroethene	Not detected	ug/L	1	8260B	05/19/05 05:42	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/L	1	8260B	05/19/05 05:42	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/L	1	8260B	05/19/05 05:42	JGH	10061-01-5	
trans-1,3-Dichloropropene	Not detected	ug/L	1	8260B	05/19/05 05:42	JGH	10061-02-6	
Ethylbenzene	Not detected	ug/L	1	8260B	05/19/05 05:42	JGH	100-41-4	
2-Hexanone	Not detected	ug/L	50	8260B	05/19/05 05:42	JGH	591-78-6	
Isopropylbenzene	Not detected	ug/L	1	8260B	05/19/05 05:42	JGH	98-82-8	
p-Isopropyltoluene	Not detected	ug/L	1	8260B	05/19/05 05:42	JGH	99-87-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/L	50	8260B	05/19/05 05:42	JGH	108-10-1	

J-Estimated value less than reporting limit, but greater than MDL

Lab Sample ID: S22242.11 (continued)

Sample Tag: WG-051205-010

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics - O'Brien & Gere List (continued)								
Methylene chloride	Not detected	ug/L	5	8260B	05/19/05 05:42	JGH	75-09-2	
tert-Methyl butyl ether (MTBE)	Not detected	ug/L	5	8260B	05/19/05 05:42	JGH	1634-04-4	
2-Methylnaphthalene	Not detected	ug/L	5	8260B	05/19/05 05:42	JGH	91-57-6	
Naphthalene	1	ug/L	5	8260B	05/19/05 05:42	JGH	91-20-3	J
n-Propylbenzene	Not detected	ug/L	1	8260B	05/19/05 05:42	JGH	103-65-1	
Styrene	Not detected	ug/L	1	8260B	05/19/05 05:42	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/L	1	8260B	05/19/05 05:42	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/L	1	8260B	05/19/05 05:42	JGH	127-18-4	
Toluene	0.4	ug/L	1	8260B	05/19/05 05:42	JGH	108-88-3	J
1,1,1-Trichloroethane	Not detected	ug/L	1	8260B	05/19/05 05:42	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/L	1	8260B	05/19/05 05:42	JGH	79-00-5	
Trichloroethene	Not detected	ug/L	1	8260B	05/19/05 05:42	JGH	79-01-6	
Trichlorofluoromethane	Not detected	ug/L	1	8260B	05/19/05 05:42	JGH	75-69-4	
1,2,4-Trimethylbenzene	Not detected	ug/L	1	8260B	05/19/05 05:42	JGH	95-63-6	
1,3,5-Trimethylbenzene	Not detected	ug/L	1	8260B	05/19/05 05:42	JGH	108-67-8	
Vinyl chloride	Not detected	ug/L	1	8260B	05/19/05 05:42	JGH	75-01-4	
o-Xylene	Not detected	ug/L	1	8260B	05/19/05 05:42	JGH	95-47-6	
p,m-Xylene	Not detected	ug/L	2	8260B	05/19/05 05:42	JGH		

J-Estimated value less than reporting limit, but greater than MDL

Lab Sample ID: S22242.12
Sample Tag: WG-051205-011
Collected Date/Time: 05/12/2005 16:00
Matrix: Groundwater
COC Reference: 04110

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	40 ml Glass	HCL	Yes	4	3
1	125ml Plastic	HNO3	Yes	4	3

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Metal Digestion	Completed			3015A	05/20/05 11:30	MSH		
Metals								
Barium, Dissolved	1.00	mg/L	0.010	200.8	05/20/05 16:49	PER	7440-39-3	
Lead, Dissolved	Not detected	mg/L	0.003	200.8	05/20/05 16:49	PER	7439-92-1	
Organics - Volatiles								
Volatile Organics - O'Brien & Gere List								
Acetone	Not detected	ug/L	30	8260B	05/19/05 06:16	JGH	67-64-1	
Benzene	Not detected	ug/L	1	8260B	05/19/05 06:16	JGH	71-43-2	
Bromodichloromethane	Not detected	ug/L	1	8260B	05/19/05 06:16	JGH	75-27-4	
Bromoform	Not detected	ug/L	1	8260B	05/19/05 06:16	JGH	75-25-2	
Bromomethane	Not detected	ug/L	5	8260B	05/19/05 06:16	JGH	74-83-9	
2-Butanone (MEK)	Not detected	ug/L	30	8260B	05/19/05 06:16	JGH	78-93-3	
n-Butylbenzene	Not detected	ug/L	1	8260B	05/19/05 06:16	JGH	104-51-8	
sec-Butylbenzene	Not detected	ug/L	1	8260B	05/19/05 06:16	JGH	135-98-8	
tert-Butylbenzene	Not detected	ug/L	1	8260B	05/19/05 06:16	JGH	98-06-6	
Carbon disulfide	Not detected	ug/L	5	8260B	05/19/05 06:16	JGH	75-15-0	
Carbon tetrachloride	Not detected	ug/L	1	8260B	05/19/05 06:16	JGH	56-23-5	
Chlorobenzene	Not detected	ug/L	1	8260B	05/19/05 06:16	JGH	108-90-7	
Chloroethane	Not detected	ug/L	5	8260B	05/19/05 06:16	JGH	75-00-3	
2-Chloroethylvinyl ether	Not detected	ug/L	1	8260B	05/19/05 06:16	JGH	110-75-8	
Chloroform	Not detected	ug/L	1	8260B	05/19/05 06:16	JGH	67-66-3	
Chloromethane	Not detected	ug/L	5	8260B	05/19/05 06:16	JGH	74-87-3	
Dibromochloromethane	Not detected	ug/L	1	8260B	05/19/05 06:16	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/L	1	8260B	05/19/05 06:16	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/L	1	8260B	05/19/05 06:16	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/L	1	8260B	05/19/05 06:16	JGH	106-46-7	
1,1-Dichloroethene	Not detected	ug/L	1	8260B	05/19/05 06:16	JGH	75-35-4	
1,2-Dichloroethane	Not detected	ug/L	1	8260B	05/19/05 06:16	JGH	107-06-2	
1,1-Dichloroethane	Not detected	ug/L	1	8260B	05/19/05 06:16	JGH	75-34-3	
cis-1,2-Dichloroethene	Not detected	ug/L	1	8260B	05/19/05 06:16	JGH	156-59-2	
trans-1,2-Dichloroethene	Not detected	ug/L	1	8260B	05/19/05 06:16	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/L	1	8260B	05/19/05 06:16	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/L	1	8260B	05/19/05 06:16	JGH	10061-01-5	
trans-1,3-Dichloropropene	Not detected	ug/L	1	8260B	05/19/05 06:16	JGH	10061-02-6	
Ethylbenzene	Not detected	ug/L	1	8260B	05/19/05 06:16	JGH	100-41-4	
2-Hexanone	Not detected	ug/L	50	8260B	05/19/05 06:16	JGH	591-78-6	
Isopropylbenzene	Not detected	ug/L	1	8260B	05/19/05 06:16	JGH	98-82-8	
p-Isopropyltoluene	Not detected	ug/L	1	8260B	05/19/05 06:16	JGH	99-87-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/L	50	8260B	05/19/05 06:16	JGH	108-10-1	
Methylene chloride	Not detected	ug/L	5	8260B	05/19/05 06:16	JGH	75-09-2	

Lab Sample ID: S22242.12 (continued)

Sample Tag: WG-051205-011

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics - O'Brien & Gere List (continued)								
tert-Methyl butyl ether (MTBE)	Not detected	ug/L	5	8260B	05/19/05 06:16	JGH	1634-04-4	
2-Methylnaphthalene	Not detected	ug/L	5	8260B	05/19/05 06:16	JGH	91-57-6	
Naphthalene	Not detected	ug/L	5	8260B	05/19/05 06:16	JGH	91-20-3	
n-Propylbenzene	Not detected	ug/L	1	8260B	05/19/05 06:16	JGH	103-65-1	
Styrene	Not detected	ug/L	1	8260B	05/19/05 06:16	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/L	1	8260B	05/19/05 06:16	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/L	1	8260B	05/19/05 06:16	JGH	127-18-4	
Toluene	Not detected	ug/L	1	8260B	05/19/05 06:16	JGH	108-88-3	
1,1,1-Trichloroethane	Not detected	ug/L	1	8260B	05/19/05 06:16	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/L	1	8260B	05/19/05 06:16	JGH	79-00-5	
Trichloroethene	Not detected	ug/L	1	8260B	05/19/05 06:16	JGH	79-01-6	
Trichlorofluoromethane	Not detected	ug/L	1	8260B	05/19/05 06:16	JGH	75-69-4	
1,2,4-Trimethylbenzene	Not detected	ug/L	1	8260B	05/19/05 06:16	JGH	95-63-6	
1,3,5-Trimethylbenzene	Not detected	ug/L	1	8260B	05/19/05 06:16	JGH	108-67-8	
Vinyl chloride	Not detected	ug/L	1	8260B	05/19/05 06:16	JGH	75-01-4	
o-Xylene	Not detected	ug/L	1	8260B	05/19/05 06:16	JGH	95-47-6	
p,m-Xylene	Not detected	ug/L	2	8260B	05/19/05 06:16	JGH		

Merit Laboratories, Inc.

Analytical Laboratory Report

Lab Sample ID: S22242.13
Sample Tag: WG-051205-012
Collected Date/Time: 05/12/2005 16:40
Matrix: Groundwater
COC Reference: 04110

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	40 ml Glass	HCL	Yes	4	3
1	125ml Plastic	HNO3	Yes	4	3

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Metal Digestion	Completed			3015A	05/20/05 11:30	MSH		
Metals								
Barium, Dissolved	0.144	mg/L	0.010	200.8	05/20/05 16:54	PER	7440-39-3	
Lead, Dissolved	Not detected	mg/L	0.003	200.8	05/20/05 16:54	PER	7439-92-1	
Organics - Volatiles								
Volatile Organics - O'Brien & Gere List								
Acetone	Not detected	ug/L	30	8260B	05/19/05 06:49	JGH	67-64-1	
Benzene	Not detected	ug/L	1	8260B	05/19/05 06:49	JGH	71-43-2	
Bromodichloromethane	Not detected	ug/L	1	8260B	05/19/05 06:49	JGH	75-27-4	
Bromoform	Not detected	ug/L	1	8260B	05/19/05 06:49	JGH	75-25-2	
Bromomethane	Not detected	ug/L	5	8260B	05/19/05 06:49	JGH	74-83-9	
2-Butanone (MEK)	Not detected	ug/L	30	8260B	05/19/05 06:49	JGH	78-93-3	
n-Butylbenzene	Not detected	ug/L	1	8260B	05/19/05 06:49	JGH	104-51-8	
sec-Butylbenzene	Not detected	ug/L	1	8260B	05/19/05 06:49	JGH	135-98-8	
tert-Butylbenzene	Not detected	ug/L	1	8260B	05/19/05 06:49	JGH	98-06-6	
Carbon disulfide	Not detected	ug/L	5	8260B	05/19/05 06:49	JGH	75-15-0	
Carbon tetrachloride	Not detected	ug/L	1	8260B	05/19/05 06:49	JGH	56-23-5	
Chlorobenzene	Not detected	ug/L	1	8260B	05/19/05 06:49	JGH	108-90-7	
Chloroethane	Not detected	ug/L	5	8260B	05/19/05 06:49	JGH	75-00-3	
2-Chloroethylvinyl ether	Not detected	ug/L	1	8260B	05/19/05 06:49	JGH	110-75-8	
Chloroform	Not detected	ug/L	1	8260B	05/19/05 06:49	JGH	67-66-3	
Chloromethane	Not detected	ug/L	5	8260B	05/19/05 06:49	JGH	74-87-3	
Dibromochloromethane	Not detected	ug/L	1	8260B	05/19/05 06:49	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/L	1	8260B	05/19/05 06:49	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/L	1	8260B	05/19/05 06:49	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/L	1	8260B	05/19/05 06:49	JGH	106-46-7	
1,1-Dichloroethene	Not detected	ug/L	1	8260B	05/19/05 06:49	JGH	75-35-4	
1,2-Dichloroethane	Not detected	ug/L	1	8260B	05/19/05 06:49	JGH	107-06-2	
1,1-Dichloroethane	Not detected	ug/L	1	8260B	05/19/05 06:49	JGH	75-34-3	
cis-1,2-Dichloroethene	Not detected	ug/L	1	8260B	05/19/05 06:49	JGH	156-59-2	
trans-1,2-Dichloroethene	Not detected	ug/L	1	8260B	05/19/05 06:49	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/L	1	8260B	05/19/05 06:49	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/L	1	8260B	05/19/05 06:49	JGH	10061-01-5	
trans-1,3-Dichloropropene	Not detected	ug/L	1	8260B	05/19/05 06:49	JGH	10061-02-6	
Ethylbenzene	Not detected	ug/L	1	8260B	05/19/05 06:49	JGH	100-41-4	
2-Hexanone	Not detected	ug/L	50	8260B	05/19/05 06:49	JGH	591-78-6	
Isopropylbenzene	Not detected	ug/L	1	8260B	05/19/05 06:49	JGH	98-82-8	
p-Isopropyltoluene	Not detected	ug/L	1	8260B	05/19/05 06:49	JGH	99-87-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/L	50	8260B	05/19/05 06:49	JGH	108-10-1	
Methylene chloride	Not detected	ug/L	5	8260B	05/19/05 06:49	JGH	75-09-2	

Lab Sample ID: S22242.13 (continued)

Sample Tag: WG-051205-012

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics - O'Brien & Gere List (continued)								
tert-Methyl butyl ether (MTBE)	Not detected	ug/L	5	8260B	05/19/05 06:49	JGH	1634-04-4	
2-Methylnaphthalene	Not detected	ug/L	5	8260B	05/19/05 06:49	JGH	91-57-6	
Naphthalene	Not detected	ug/L	5	8260B	05/19/05 06:49	JGH	91-20-3	
n-Propylbenzene	Not detected	ug/L	1	8260B	05/19/05 06:49	JGH	103-65-1	
Styrene	Not detected	ug/L	1	8260B	05/19/05 06:49	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/L	1	8260B	05/19/05 06:49	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/L	1	8260B	05/19/05 06:49	JGH	127-18-4	
Toluene	Not detected	ug/L	1	8260B	05/19/05 06:49	JGH	108-88-3	
1,1,1-Trichloroethane	Not detected	ug/L	1	8260B	05/19/05 06:49	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/L	1	8260B	05/19/05 06:49	JGH	79-00-5	
Trichloroethene	Not detected	ug/L	1	8260B	05/19/05 06:49	JGH	79-01-6	
Trichlorofluoromethane	Not detected	ug/L	1	8260B	05/19/05 06:49	JGH	75-69-4	
1,2,4-Trimethylbenzene	Not detected	ug/L	1	8260B	05/19/05 06:49	JGH	95-63-6	
1,3,5-Trimethylbenzene	Not detected	ug/L	1	8260B	05/19/05 06:49	JGH	108-67-8	
Vinyl chloride	Not detected	ug/L	1	8260B	05/19/05 06:49	JGH	75-01-4	
o-Xylene	Not detected	ug/L	1	8260B	05/19/05 06:49	JGH	95-47-6	
p,m-Xylene	Not detected	ug/L	2	8260B	05/19/05 06:49	JGH		

Analytical Laboratory Report

Lab Sample ID: S22242.14
Sample Tag: WG-051205-013
Collected Date/Time: 05/12/2005 16:40
Matrix: Groundwater
COC Reference: 04110

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	40 ml Glass	HCL	Yes	4	3
1	125ml Plastic	HNO3	Yes	4	3

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Metal Digestion	Completed			3015A	05/20/05 11:30	MSH		
Metals								
Barium, Dissolved	0.142	mg/L	0.010	200.8	05/20/05 16:56	PER	7440-39-3	
Lead, Dissolved	Not detected	mg/L	0.003	200.8	05/20/05 16:56	PER	7439-92-1	
Organics - Volatiles								
Volatile Organics - O'Brien & Gere List								
Acetone	Not detected	ug/L	30	8260B	05/19/05 07:24	JGH	67-64-1	
Benzene	Not detected	ug/L	1	8260B	05/19/05 07:24	JGH	71-43-2	
Bromodichloromethane	Not detected	ug/L	1	8260B	05/19/05 07:24	JGH	75-27-4	
Bromoform	Not detected	ug/L	1	8260B	05/19/05 07:24	JGH	75-25-2	
Bromomethane	Not detected	ug/L	5	8260B	05/19/05 07:24	JGH	74-83-9	
2-Butanone (MEK)	Not detected	ug/L	30	8260B	05/19/05 07:24	JGH	78-93-3	
n-Butylbenzene	Not detected	ug/L	1	8260B	05/19/05 07:24	JGH	104-51-8	
sec-Butylbenzene	Not detected	ug/L	1	8260B	05/19/05 07:24	JGH	135-98-8	
tert-Butylbenzene	Not detected	ug/L	1	8260B	05/19/05 07:24	JGH	98-06-6	
Carbon disulfide	Not detected	ug/L	5	8260B	05/19/05 07:24	JGH	75-15-0	
Carbon tetrachloride	Not detected	ug/L	1	8260B	05/19/05 07:24	JGH	56-23-5	
Chlorobenzene	Not detected	ug/L	1	8260B	05/19/05 07:24	JGH	108-90-7	
Chloroethane	Not detected	ug/L	5	8260B	05/19/05 07:24	JGH	75-00-3	
2-Chloroethylvinyl ether	Not detected	ug/L	1	8260B	05/19/05 07:24	JGH	110-75-8	
Chloroform	Not detected	ug/L	1	8260B	05/19/05 07:24	JGH	67-66-3	
Chloromethane	Not detected	ug/L	5	8260B	05/19/05 07:24	JGH	74-87-3	
Dibromochloromethane	Not detected	ug/L	1	8260B	05/19/05 07:24	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/L	1	8260B	05/19/05 07:24	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/L	1	8260B	05/19/05 07:24	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/L	1	8260B	05/19/05 07:24	JGH	106-46-7	
1,1-Dichloroethene	Not detected	ug/L	1	8260B	05/19/05 07:24	JGH	75-35-4	
1,2-Dichloroethane	Not detected	ug/L	1	8260B	05/19/05 07:24	JGH	107-06-2	
1,1-Dichloroethane	Not detected	ug/L	1	8260B	05/19/05 07:24	JGH	75-34-3	
cis-1,2-Dichloroethene	Not detected	ug/L	1	8260B	05/19/05 07:24	JGH	156-59-2	
trans-1,2-Dichloroethene	Not detected	ug/L	1	8260B	05/19/05 07:24	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/L	1	8260B	05/19/05 07:24	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/L	1	8260B	05/19/05 07:24	JGH	10061-01-5	
trans-1,3-Dichloropropene	Not detected	ug/L	1	8260B	05/19/05 07:24	JGH	10061-02-6	
Ethylbenzene	Not detected	ug/L	1	8260B	05/19/05 07:24	JGH	100-41-4	
2-Hexanone	Not detected	ug/L	50	8260B	05/19/05 07:24	JGH	591-78-6	
Isopropylbenzene	Not detected	ug/L	1	8260B	05/19/05 07:24	JGH	98-82-8	
p-Isopropyltoluene	Not detected	ug/L	1	8260B	05/19/05 07:24	JGH	99-87-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/L	50	8260B	05/19/05 07:24	JGH	108-10-1	
Methylene chloride	Not detected	ug/L	5	8260B	05/19/05 07:24	JGH	75-09-2	

Lab Sample ID: S22242.14 (continued)

Sample Tag: WG-051205-013

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics - O'Brien & Gere List (continued)								
tert-Methyl butyl ether (MTBE)	Not detected	ug/L	5	8260B	05/19/05 07:24	JGH	1634-04-4	
2-Methylnaphthalene	Not detected	ug/L	5	8260B	05/19/05 07:24	JGH	91-57-6	
Naphthalene	Not detected	ug/L	5	8260B	05/19/05 07:24	JGH	91-20-3	
n-Propylbenzene	Not detected	ug/L	1	8260B	05/19/05 07:24	JGH	103-65-1	
Styrene	Not detected	ug/L	1	8260B	05/19/05 07:24	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/L	1	8260B	05/19/05 07:24	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/L	1	8260B	05/19/05 07:24	JGH	127-18-4	
Toluene	Not detected	ug/L	1	8260B	05/19/05 07:24	JGH	108-88-3	
1,1,1-Trichloroethane	Not detected	ug/L	1	8260B	05/19/05 07:24	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/L	1	8260B	05/19/05 07:24	JGH	79-00-5	
Trichloroethene	Not detected	ug/L	1	8260B	05/19/05 07:24	JGH	79-01-6	
Trichlorofluoromethane	Not detected	ug/L	1	8260B	05/19/05 07:24	JGH	75-69-4	
1,2,4-Trimethylbenzene	Not detected	ug/L	1	8260B	05/19/05 07:24	JGH	95-63-6	
1,3,5-Trimethylbenzene	Not detected	ug/L	1	8260B	05/19/05 07:24	JGH	108-67-8	
Vinyl chloride	Not detected	ug/L	1	8260B	05/19/05 07:24	JGH	75-01-4	
o-Xylene	Not detected	ug/L	1	8260B	05/19/05 07:24	JGH	95-47-6	
p,m-Xylene	Not detected	ug/L	2	8260B	05/19/05 07:24	JGH		

Analytical Laboratory Report

Lab Sample ID: S22242.15
Sample Tag: WG-051205-014
Collected Date/Time: 05/12/2005 17:15
Matrix: Groundwater
COC Reference: 04110

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	40 ml Glass	HCL	Yes	4	3
1	125ml Plastic	HNO3	Yes	4	3

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Metal Digestion	Completed			3015A	05/20/05 11:30	MSH		
Metals								
Barium, Dissolved	0.420	mg/L	0.010	200.8	05/20/05 16:57	PER	7440-39-3	
Lead, Dissolved	Not detected	mg/L	0.003	200.8	05/20/05 16:57	PER	7439-92-1	
Organics - Volatiles								
Volatile Organics - O'Brien & Gere List								
Acetone	Not detected	ug/L	30	8260B	05/19/05 15:46	JGH	67-64-1	
Benzene	0.6	ug/L	1	8260B	05/19/05 15:46	JGH	71-43-2	J
Bromodichloromethane	Not detected	ug/L	1	8260B	05/19/05 15:46	JGH	75-27-4	
Bromoform	Not detected	ug/L	1	8260B	05/19/05 15:46	JGH	75-25-2	
Bromomethane	Not detected	ug/L	5	8260B	05/19/05 15:46	JGH	74-83-9	
2-Butanone (MEK)	Not detected	ug/L	30	8260B	05/19/05 15:46	JGH	78-93-3	
n-Butylbenzene	6	ug/L	1	8260B	05/19/05 15:46	JGH	104-51-8	
sec-Butylbenzene	4	ug/L	1	8260B	05/19/05 15:46	JGH	135-98-8	
tert-Butylbenzene	0.9	ug/L	1	8260B	05/19/05 15:46	JGH	98-06-6	J
Carbon disulfide	Not detected	ug/L	5	8260B	05/19/05 15:46	JGH	75-15-0	
Carbon tetrachloride	Not detected	ug/L	1	8260B	05/19/05 15:46	JGH	56-23-5	
Chlorobenzene	Not detected	ug/L	1	8260B	05/19/05 15:46	JGH	108-90-7	
Chloroethane	Not detected	ug/L	5	8260B	05/19/05 15:46	JGH	75-00-3	
2-Chloroethylvinyl ether	Not detected	ug/L	1	8260B	05/19/05 15:46	JGH	110-75-8	
Chloroform	Not detected	ug/L	1	8260B	05/19/05 15:46	JGH	67-66-3	
Chloromethane	Not detected	ug/L	5	8260B	05/19/05 15:46	JGH	74-87-3	
Dibromochloromethane	Not detected	ug/L	1	8260B	05/19/05 15:46	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/L	1	8260B	05/19/05 15:46	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/L	1	8260B	05/19/05 15:46	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/L	1	8260B	05/19/05 15:46	JGH	106-46-7	
1,1-Dichloroethene	Not detected	ug/L	1	8260B	05/19/05 15:46	JGH	75-35-4	
1,2-Dichloroethane	Not detected	ug/L	1	8260B	05/19/05 15:46	JGH	107-06-2	
1,1-Dichloroethane	Not detected	ug/L	1	8260B	05/19/05 15:46	JGH	75-34-3	
cis-1,2-Dichloroethene	30	ug/L	1	8260B	05/19/05 15:46	JGH	156-59-2	
trans-1,2-Dichloroethene	1	ug/L	1	8260B	05/19/05 15:46	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/L	1	8260B	05/19/05 15:46	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/L	1	8260B	05/19/05 15:46	JGH	10061-01-5	
trans-1,3-Dichloropropene	Not detected	ug/L	1	8260B	05/19/05 15:46	JGH	10061-02-6	
Ethylbenzene	26	ug/L	1	8260B	05/19/05 15:46	JGH	100-41-4	
2-Hexanone	Not detected	ug/L	50	8260B	05/19/05 15:46	JGH	591-78-6	
Isopropylbenzene	27	ug/L	1	8260B	05/19/05 15:46	JGH	98-82-8	
p-Isopropyltoluene	3	ug/L	1	8260B	05/19/05 15:46	JGH	99-87-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/L	50	8260B	05/19/05 15:46	JGH	108-10-1	

J-Estimated value less than reporting limit, but greater than MDL

Lab Sample ID: S22242.15 (continued)

Sample Tag: WG-051205-014

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics - O'Brien & Gere List (continued)								
Methylene chloride	Not detected	ug/L	5	8260B	05/19/05 15:46	JGH	75-09-2	
tert-Methyl butyl ether (MTBE)	Not detected	ug/L	5	8260B	05/19/05 15:46	JGH	1634-04-4	
2-Methylnaphthalene	3	ug/L	5	8260B	05/19/05 15:46	JGH	91-57-6	J
Naphthalene	48	ug/L	5	8260B	05/19/05 15:46	JGH	91-20-3	
n-Propylbenzene	27	ug/L	1	8260B	05/19/05 15:46	JGH	103-65-1	
Styrene	Not detected	ug/L	1	8260B	05/19/05 15:46	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/L	1	8260B	05/19/05 15:46	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/L	1	8260B	05/19/05 15:46	JGH	127-18-4	
Toluene	Not detected	ug/L	1	8260B	05/19/05 15:46	JGH	108-88-3	
1,1,1-Trichloroethane	Not detected	ug/L	1	8260B	05/19/05 15:46	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/L	1	8260B	05/19/05 15:46	JGH	79-00-5	
Trichloroethene	Not detected	ug/L	1	8260B	05/19/05 15:46	JGH	79-01-6	
Trichlorofluoromethane	Not detected	ug/L	1	8260B	05/19/05 15:46	JGH	75-69-4	
1,2,4-Trimethylbenzene	160	ug/L	1	8260B	05/19/05 15:46	JGH	95-63-6	
1,3,5-Trimethylbenzene	33	ug/L	1	8260B	05/19/05 15:46	JGH	108-67-8	
Vinyl chloride	1	ug/L	1	8260B	05/19/05 15:46	JGH	75-01-4	J
o-Xylene	Not detected	ug/L	1	8260B	05/19/05 15:46	JGH	95-47-6	
p,m-Xylene	3	ug/L	2	8260B	05/19/05 15:46	JGH		

J-Estimated value less than reporting limit, but greater than MDL

Analytical Laboratory Report

Lab Sample ID: S22242.16
Sample Tag: WG-051205-015
Collected Date/Time: 05/12/2005 18:00
Matrix: Groundwater
COC Reference: 04110

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	40 ml Glass	HCL	Yes	4	3
1	125ml Plastic	HNO3	Yes	4	3

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Metal Digestion	Completed			3015A	05/20/05 11:30	MSH		
Metals								
Barium, Dissolved	3.14	mg/L	0.010	200.8	05/20/05 16:58	PER	7440-39-3	
Lead, Dissolved	0.003	mg/L	0.003	200.8	05/20/05 16:58	PER	7439-92-1	
Organics - Volatiles								
Volatile Organics - O'Brien & Gere List								
Acetone	Not detected	ug/L	100	8260B	05/19/05 16:20	JGH	67-64-1	Y
Benzene	267	ug/L	5	8260B	05/19/05 16:20	JGH	71-43-2	Y
Bromodichloromethane	Not detected	ug/L	5	8260B	05/19/05 16:20	JGH	75-27-4	Y
Bromoform	Not detected	ug/L	5	8260B	05/19/05 16:20	JGH	75-25-2	Y
Bromomethane	Not detected	ug/L	30	8260B	05/19/05 16:20	JGH	74-83-9	Y
2-Butanone (MEK)	Not detected	ug/L	100	8260B	05/19/05 16:20	JGH	78-93-3	Y
n-Butylbenzene	Not detected	ug/L	5	8260B	05/19/05 16:20	JGH	104-51-8	Y
sec-Butylbenzene	2	ug/L	5	8260B	05/19/05 16:20	JGH	135-98-8	JY
tert-Butylbenzene	Not detected	ug/L	5	8260B	05/19/05 16:20	JGH	98-06-6	Y
Carbon disulfide	Not detected	ug/L	30	8260B	05/19/05 16:20	JGH	75-15-0	Y
Carbon tetrachloride	Not detected	ug/L	5	8260B	05/19/05 16:20	JGH	56-23-5	Y
Chlorobenzene	Not detected	ug/L	5	8260B	05/19/05 16:20	JGH	108-90-7	Y
Chloroethane	Not detected	ug/L	30	8260B	05/19/05 16:20	JGH	75-00-3	Y
2-Chloroethylvinyl ether	Not detected	ug/L	5	8260B	05/19/05 16:20	JGH	110-75-8	Y
Chloroform	Not detected	ug/L	5	8260B	05/19/05 16:20	JGH	67-66-3	Y
Chloromethane	Not detected	ug/L	30	8260B	05/19/05 16:20	JGH	74-87-3	Y
Dibromochloromethane	Not detected	ug/L	5	8260B	05/19/05 16:20	JGH	124-48-1	Y
1,2-Dichlorobenzene	Not detected	ug/L	5	8260B	05/19/05 16:20	JGH	95-50-1	Y
1,3-Dichlorobenzene	Not detected	ug/L	5	8260B	05/19/05 16:20	JGH	541-73-1	Y
1,4-Dichlorobenzene	Not detected	ug/L	5	8260B	05/19/05 16:20	JGH	106-46-7	Y
1,1-Dichloroethene	Not detected	ug/L	5	8260B	05/19/05 16:20	JGH	75-35-4	Y
1,2-Dichloroethane	Not detected	ug/L	5	8260B	05/19/05 16:20	JGH	107-06-2	Y
1,1-Dichloroethane	Not detected	ug/L	5	8260B	05/19/05 16:20	JGH	75-34-3	Y
cis-1,2-Dichloroethene	Not detected	ug/L	5	8260B	05/19/05 16:20	JGH	156-59-2	Y
trans-1,2-Dichloroethene	Not detected	ug/L	5	8260B	05/19/05 16:20	JGH	156-60-5	Y
1,2-Dichloropropane	Not detected	ug/L	5	8260B	05/19/05 16:20	JGH	78-87-5	Y
cis-1,3-Dichloropropene	Not detected	ug/L	5	8260B	05/19/05 16:20	JGH	10061-01-5	Y
trans-1,3-Dichloropropene	Not detected	ug/L	5	8260B	05/19/05 16:20	JGH	10061-02-6	Y
Ethylbenzene	9	ug/L	5	8260B	05/19/05 16:20	JGH	100-41-4	Y
2-Hexanone	Not detected	ug/L	300	8260B	05/19/05 16:20	JGH	591-78-6	Y
Isopropylbenzene	66	ug/L	5	8260B	05/19/05 16:20	JGH	98-82-8	Y
p-Isopropyltoluene	4	ug/L	5	8260B	05/19/05 16:20	JGH	99-87-6	JY

Y-Elevated reporting limit due to high target concentration
J-Estimated value less than reporting limit, but greater than MDL

Lab Sample ID: S22242.16 (continued)

Sample Tag: WG-051205-015

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics - O'Brien & Gere List (continued)								
4-Methyl-2-pentanone (MIBK)	20	ug/L	300	8260B	05/19/05 16:20	JGH	108-10-1	JY
Methylene chloride	Not detected	ug/L	30	8260B	05/19/05 16:20	JGH	75-09-2	Y
tert-Methyl butyl ether (MTBE)	Not detected	ug/L	30	8260B	05/19/05 16:20	JGH	1634-04-4	Y
2-Methylnaphthalene	Not detected	ug/L	30	8260B	05/19/05 16:20	JGH	91-57-6	Y
Naphthalene	20	ug/L	30	8260B	05/19/05 16:20	JGH	91-20-3	JY
n-Propylbenzene	24	ug/L	5	8260B	05/19/05 16:20	JGH	103-65-1	Y
Styrene	Not detected	ug/L	5	8260B	05/19/05 16:20	JGH	100-42-5	Y
1,1,2,2-Tetrachloroethane	Not detected	ug/L	5	8260B	05/19/05 16:20	JGH	79-34-5	Y
Tetrachloroethene	Not detected	ug/L	5	8260B	05/19/05 16:20	JGH	127-18-4	Y
Toluene	149	ug/L	5	8260B	05/19/05 16:20	JGH	108-88-3	Y
1,1,1-Trichloroethane	Not detected	ug/L	5	8260B	05/19/05 16:20	JGH	71-55-6	Y
1,1,2-Trichloroethane	Not detected	ug/L	5	8260B	05/19/05 16:20	JGH	79-00-5	Y
Trichloroethene	Not detected	ug/L	5	8260B	05/19/05 16:20	JGH	79-01-6	Y
Trichlorofluoromethane	Not detected	ug/L	5	8260B	05/19/05 16:20	JGH	75-69-4	Y
1,2,4-Trimethylbenzene	120	ug/L	5	8260B	05/19/05 16:20	JGH	95-63-6	Y
1,3,5-Trimethylbenzene	39	ug/L	5	8260B	05/19/05 16:20	JGH	108-67-8	Y
Vinyl chloride	Not detected	ug/L	5	8260B	05/19/05 16:20	JGH	75-01-4	Y
o-Xylene	5	ug/L	5	8260B	05/19/05 16:20	JGH	95-47-6	JY
p,m-Xylene	1,090	ug/L	10	8260B	05/19/05 16:20	JGH		Y

J-Estimated value less than reporting limit, but greater than MDL Y-Elevated reporting limit due to high target concentration

Analytical Laboratory Report

Lab Sample ID: S22242.17
Sample Tag: WG-051205-016
Collected Date/Time: 05/12/2005 18:40
Matrix: Groundwater
COC Reference: 04111

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	40 ml Glass	HCL	Yes	4	3
1	125ml Plastic	HNO3	Yes	4	3

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Metal Digestion	Completed			3015A	05/20/05 11:30	MSH		
Metals								
Barium, Dissolved	1.84	mg/L	0.010	200.8	05/20/05 16:59	PER	7440-39-3	
Lead, Dissolved	0.003	mg/L	0.003	200.8	05/20/05 16:59	PER	7439-92-1	
Organics - Volatiles								
Volatile Organics - O'Brien & Gere List								
Acetone	18,000	ug/L	60,000	8260B	05/19/05 16:53	JGH	67-64-1	JY
Benzene	1,000	ug/L	3,000	8260B	05/19/05 16:53	JGH	71-43-2	JY
Bromodichloromethane	Not detected	ug/L	3,000	8260B	05/19/05 16:53	JGH	75-27-4	Y
Bromoform	Not detected	ug/L	3,000	8260B	05/19/05 16:53	JGH	75-25-2	Y
Bromomethane	Not detected	ug/L	10,000	8260B	05/19/05 16:53	JGH	74-83-9	Y
2-Butanone (MEK)	9,000	ug/L	60,000	8260B	05/19/05 16:53	JGH	78-93-3	JY
n-Butylbenzene	Not detected	ug/L	3,000	8260B	05/19/05 16:53	JGH	104-51-8	Y
sec-Butylbenzene	Not detected	ug/L	3,000	8260B	05/19/05 16:53	JGH	135-98-8	Y
tert-Butylbenzene	Not detected	ug/L	3,000	8260B	05/19/05 16:53	JGH	98-06-6	Y
Carbon disulfide	Not detected	ug/L	10,000	8260B	05/19/05 16:53	JGH	75-15-0	Y
Carbon tetrachloride	Not detected	ug/L	3,000	8260B	05/19/05 16:53	JGH	56-23-5	Y
Chlorobenzene	Not detected	ug/L	3,000	8260B	05/19/05 16:53	JGH	108-90-7	Y
Chloroethane	Not detected	ug/L	10,000	8260B	05/19/05 16:53	JGH	75-00-3	Y
2-Chloroethylvinyl ether	Not detected	ug/L	3,000	8260B	05/19/05 16:53	JGH	110-75-8	Y
Chloroform	Not detected	ug/L	3,000	8260B	05/19/05 16:53	JGH	67-66-3	Y
Chloromethane	Not detected	ug/L	10,000	8260B	05/19/05 16:53	JGH	74-87-3	Y
Dibromochloromethane	Not detected	ug/L	3,000	8260B	05/19/05 16:53	JGH	124-48-1	Y
1,2-Dichlorobenzene	Not detected	ug/L	3,000	8260B	05/19/05 16:53	JGH	95-50-1	Y
1,3-Dichlorobenzene	Not detected	ug/L	3,000	8260B	05/19/05 16:53	JGH	541-73-1	Y
1,4-Dichlorobenzene	Not detected	ug/L	3,000	8260B	05/19/05 16:53	JGH	106-46-7	Y
1,1-Dichloroethene	Not detected	ug/L	3,000	8260B	05/19/05 16:53	JGH	75-35-4	Y
1,2-Dichloroethane	Not detected	ug/L	3,000	8260B	05/19/05 16:53	JGH	107-06-2	Y
1,1-Dichloroethane	Not detected	ug/L	3,000	8260B	05/19/05 16:53	JGH	75-34-3	Y
cis-1,2-Dichloroethene	Not detected	ug/L	3,000	8260B	05/19/05 16:53	JGH	156-59-2	Y
trans-1,2-Dichloroethene	Not detected	ug/L	3,000	8260B	05/19/05 16:53	JGH	156-60-5	Y
1,2-Dichloropropane	Not detected	ug/L	3,000	8260B	05/19/05 16:53	JGH	78-87-5	Y
cis-1,3-Dichloropropene	Not detected	ug/L	3,000	8260B	05/19/05 16:53	JGH	10061-01-5	Y
trans-1,3-Dichloropropene	Not detected	ug/L	3,000	8260B	05/19/05 16:53	JGH	10061-02-6	Y
Ethylbenzene	2,000	ug/L	3,000	8260B	05/19/05 16:53	JGH	100-41-4	JY
2-Hexanone	Not detected	ug/L	100,000	8260B	05/19/05 16:53	JGH	591-78-6	Y
Isopropylbenzene	Not detected	ug/L	3,000	8260B	05/19/05 16:53	JGH	98-82-8	Y
p-Isopropyltoluene	Not detected	ug/L	3,000	8260B	05/19/05 16:53	JGH	99-87-6	Y
4-Methyl-2-pentanone (MIBK)	300,000	ug/L	100,000	8260B	05/19/05 16:53	JGH	108-10-1	Y

J-Estimated value less than reporting limit, but greater than MDL Y-Elevated reporting limit due to high target concentration

Lab Sample ID: S22242.17 (continued)

Sample Tag: WG-051205-016

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics - O'Brien & Gere List (continued)								
Methylene chloride	Not detected	ug/L	10,000	8260B	05/19/05 16:53	JGH	75-09-2	Y
tert-Methyl butyl ether (MTBE)	Not detected	ug/L	10,000	8260B	05/19/05 16:53	JGH	1634-04-4	Y
2-Methylnaphthalene	Not detected	ug/L	10,000	8260B	05/19/05 16:53	JGH	91-57-6	Y
Naphthalene	Not detected	ug/L	10,000	8260B	05/19/05 16:53	JGH	91-20-3	Y
n-Propylbenzene	Not detected	ug/L	3,000	8260B	05/19/05 16:53	JGH	103-65-1	Y
Styrene	Not detected	ug/L	3,000	8260B	05/19/05 16:53	JGH	100-42-5	Y
1,1,2,2-Tetrachloroethane	Not detected	ug/L	3,000	8260B	05/19/05 16:53	JGH	79-34-5	Y
Tetrachloroethene	Not detected	ug/L	3,000	8260B	05/19/05 16:53	JGH	127-18-4	Y
Toluene	134,000	ug/L	3,000	8260B	05/19/05 16:53	JGH	108-88-3	Y
1,1,1-Trichloroethane	Not detected	ug/L	3,000	8260B	05/19/05 16:53	JGH	71-55-6	Y
1,1,2-Trichloroethane	Not detected	ug/L	3,000	8260B	05/19/05 16:53	JGH	79-00-5	Y
Trichloroethene	Not detected	ug/L	3,000	8260B	05/19/05 16:53	JGH	79-01-6	Y
Trichlorofluoromethane	Not detected	ug/L	3,000	8260B	05/19/05 16:53	JGH	75-69-4	Y
1,2,4-Trimethylbenzene	Not detected	ug/L	3,000	8260B	05/19/05 16:53	JGH	95-63-6	Y
1,3,5-Trimethylbenzene	Not detected	ug/L	3,000	8260B	05/19/05 16:53	JGH	108-67-8	Y
Vinyl chloride	Not detected	ug/L	3,000	8260B	05/19/05 16:53	JGH	75-01-4	Y
o-Xylene	3,000	ug/L	3,000	8260B	05/19/05 16:53	JGH	95-47-6	Y
p,m-Xylene	6,000	ug/L	5,000	8260B	05/19/05 16:53	JGH		Y

Y-Elevated reporting limit due to high target concentration

Analytical Laboratory Report

Lab Sample ID: S22242.18
Sample Tag: EB-051205
Collected Date/Time: 05/12/2005 19:00
Matrix: Water Quality
COC Reference: 04111

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	40 ml Glass	HCL	Yes	4	3
1	125ml Plastic	HNO3	Yes	4	3

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Metal Digestion	Completed			3015A	05/20/05 11:30	MSH		
Metals								
Barium, Dissolved	Not detected	mg/L	0.010	200.8	05/20/05 17:01	PER	7440-39-3	
Lead, Dissolved	Not detected	mg/L	0.003	200.8	05/20/05 17:01	PER	7439-92-1	
Organics - Volatiles								
Volatile Organics - O'Brien & Gere List								
Acetone	9	ug/L	30	8260B	05/19/05 07:57	JGH	67-64-1	J
Benzene	Not detected	ug/L	1	8260B	05/19/05 07:57	JGH	71-43-2	
Bromodichloromethane	Not detected	ug/L	1	8260B	05/19/05 07:57	JGH	75-27-4	
Bromoform	Not detected	ug/L	1	8260B	05/19/05 07:57	JGH	75-25-2	
Bromomethane	Not detected	ug/L	5	8260B	05/19/05 07:57	JGH	74-83-9	
2-Butanone (MEK)	Not detected	ug/L	30	8260B	05/19/05 07:57	JGH	78-93-3	
n-Butylbenzene	Not detected	ug/L	1	8260B	05/19/05 07:57	JGH	104-51-8	
sec-Butylbenzene	Not detected	ug/L	1	8260B	05/19/05 07:57	JGH	135-98-8	
tert-Butylbenzene	Not detected	ug/L	1	8260B	05/19/05 07:57	JGH	98-06-6	
Carbon disulfide	Not detected	ug/L	5	8260B	05/19/05 07:57	JGH	75-15-0	
Carbon tetrachloride	Not detected	ug/L	1	8260B	05/19/05 07:57	JGH	56-23-5	
Chlorobenzene	Not detected	ug/L	1	8260B	05/19/05 07:57	JGH	108-90-7	
Chloroethane	Not detected	ug/L	5	8260B	05/19/05 07:57	JGH	75-00-3	
2-Chloroethylvinyl ether	Not detected	ug/L	1	8260B	05/19/05 07:57	JGH	110-75-8	
Chloroform	Not detected	ug/L	1	8260B	05/19/05 07:57	JGH	67-66-3	
Chloromethane	Not detected	ug/L	5	8260B	05/19/05 07:57	JGH	74-87-3	
Dibromochloromethane	Not detected	ug/L	1	8260B	05/19/05 07:57	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/L	1	8260B	05/19/05 07:57	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/L	1	8260B	05/19/05 07:57	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/L	1	8260B	05/19/05 07:57	JGH	106-46-7	
1,1-Dichloroethene	Not detected	ug/L	1	8260B	05/19/05 07:57	JGH	75-35-4	
1,2-Dichloroethane	Not detected	ug/L	1	8260B	05/19/05 07:57	JGH	107-06-2	
1,1-Dichloroethane	Not detected	ug/L	1	8260B	05/19/05 07:57	JGH	75-34-3	
cis-1,2-Dichloroethene	Not detected	ug/L	1	8260B	05/19/05 07:57	JGH	156-59-2	
trans-1,2-Dichloroethene	Not detected	ug/L	1	8260B	05/19/05 07:57	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/L	1	8260B	05/19/05 07:57	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/L	1	8260B	05/19/05 07:57	JGH	10061-01-5	
trans-1,3-Dichloropropene	Not detected	ug/L	1	8260B	05/19/05 07:57	JGH	10061-02-6	
Ethylbenzene	Not detected	ug/L	1	8260B	05/19/05 07:57	JGH	100-41-4	
2-Hexanone	Not detected	ug/L	50	8260B	05/19/05 07:57	JGH	591-78-6	
Isopropylbenzene	Not detected	ug/L	1	8260B	05/19/05 07:57	JGH	98-82-8	
p-Isopropyltoluene	Not detected	ug/L	1	8260B	05/19/05 07:57	JGH	99-87-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/L	50	8260B	05/19/05 07:57	JGH	108-10-1	

J-Estimated value less than reporting limit, but greater than MDL

Lab Sample ID: S22242.18 (continued)

Sample Tag: EB-051205

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics - O'Brien & Gere List (continued)								
Methylene chloride	Not detected	ug/L	5	8260B	05/19/05 07:57	JGH	75-09-2	
tert-Methyl butyl ether (MTBE)	Not detected	ug/L	5	8260B	05/19/05 07:57	JGH	1634-04-4	
2-Methylnaphthalene	Not detected	ug/L	5	8260B	05/19/05 07:57	JGH	91-57-6	
Naphthalene	Not detected	ug/L	5	8260B	05/19/05 07:57	JGH	91-20-3	
n-Propylbenzene	Not detected	ug/L	1	8260B	05/19/05 07:57	JGH	103-65-1	
Styrene	Not detected	ug/L	1	8260B	05/19/05 07:57	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/L	1	8260B	05/19/05 07:57	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/L	1	8260B	05/19/05 07:57	JGH	127-18-4	
Toluene	Not detected	ug/L	1	8260B	05/19/05 07:57	JGH	108-88-3	
1,1,1-Trichloroethane	Not detected	ug/L	1	8260B	05/19/05 07:57	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/L	1	8260B	05/19/05 07:57	JGH	79-00-5	
Trichloroethene	Not detected	ug/L	1	8260B	05/19/05 07:57	JGH	79-01-6	
Trichlorofluoromethane	Not detected	ug/L	1	8260B	05/19/05 07:57	JGH	75-69-4	
1,2,4-Trimethylbenzene	Not detected	ug/L	1	8260B	05/19/05 07:57	JGH	95-63-6	
1,3,5-Trimethylbenzene	Not detected	ug/L	1	8260B	05/19/05 07:57	JGH	108-67-8	
Vinyl chloride	Not detected	ug/L	1	8260B	05/19/05 07:57	JGH	75-01-4	
o-Xylene	Not detected	ug/L	1	8260B	05/19/05 07:57	JGH	95-47-6	
p,m-Xylene	Not detected	ug/L	2	8260B	05/19/05 07:57	JGH		

Analytical Laboratory Report

Lab Sample ID: S22242.19
Sample Tag: FB-051205
Collected Date/Time: 05/12/2005 19:15
Matrix: Water Quality
COC Reference: 04111

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	40 ml Glass	HCL	Yes	4	3
1	125ml Plastic	HNO3	Yes	4	3

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Metal Digestion	Completed			3015A	05/20/05 11:30	MSH		
Metals								
Barium, Dissolved	Not detected	mg/L	0.010	200.8	05/20/05 17:02	PER	7440-39-3	
Lead, Dissolved	Not detected	mg/L	0.003	200.8	05/20/05 17:02	PER	7439-92-1	
Organics - Volatiles								
Volatile Organics - O'Brien & Gere List								
Acetone	10	ug/L	30	8260B	05/19/05 08:31	JGH	67-64-1	J
Benzene	Not detected	ug/L	1	8260B	05/19/05 08:31	JGH	71-43-2	
Bromodichloromethane	Not detected	ug/L	1	8260B	05/19/05 08:31	JGH	75-27-4	
Bromoform	Not detected	ug/L	1	8260B	05/19/05 08:31	JGH	75-25-2	
Bromomethane	Not detected	ug/L	5	8260B	05/19/05 08:31	JGH	74-83-9	
2-Butanone (MEK)	Not detected	ug/L	30	8260B	05/19/05 08:31	JGH	78-93-3	
n-Butylbenzene	Not detected	ug/L	1	8260B	05/19/05 08:31	JGH	104-51-8	
sec-Butylbenzene	Not detected	ug/L	1	8260B	05/19/05 08:31	JGH	135-98-8	
tert-Butylbenzene	Not detected	ug/L	1	8260B	05/19/05 08:31	JGH	98-06-6	
Carbon disulfide	Not detected	ug/L	5	8260B	05/19/05 08:31	JGH	75-15-0	
Carbon tetrachloride	Not detected	ug/L	1	8260B	05/19/05 08:31	JGH	56-23-5	
Chlorobenzene	Not detected	ug/L	1	8260B	05/19/05 08:31	JGH	108-90-7	
Chloroethane	Not detected	ug/L	5	8260B	05/19/05 08:31	JGH	75-00-3	
2-Chloroethylvinyl ether	Not detected	ug/L	1	8260B	05/19/05 08:31	JGH	110-75-8	
Chloroform	Not detected	ug/L	1	8260B	05/19/05 08:31	JGH	67-66-3	
Chloromethane	Not detected	ug/L	5	8260B	05/19/05 08:31	JGH	74-87-3	
Dibromochloromethane	Not detected	ug/L	1	8260B	05/19/05 08:31	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/L	1	8260B	05/19/05 08:31	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/L	1	8260B	05/19/05 08:31	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/L	1	8260B	05/19/05 08:31	JGH	106-46-7	
1,1-Dichloroethene	Not detected	ug/L	1	8260B	05/19/05 08:31	JGH	75-35-4	
1,2-Dichloroethane	Not detected	ug/L	1	8260B	05/19/05 08:31	JGH	107-06-2	
1,1-Dichloroethane	Not detected	ug/L	1	8260B	05/19/05 08:31	JGH	75-34-3	
cis-1,2-Dichloroethene	Not detected	ug/L	1	8260B	05/19/05 08:31	JGH	156-59-2	
trans-1,2-Dichloroethene	Not detected	ug/L	1	8260B	05/19/05 08:31	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/L	1	8260B	05/19/05 08:31	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/L	1	8260B	05/19/05 08:31	JGH	10061-01-5	
trans-1,3-Dichloropropene	Not detected	ug/L	1	8260B	05/19/05 08:31	JGH	10061-02-6	
Ethylbenzene	Not detected	ug/L	1	8260B	05/19/05 08:31	JGH	100-41-4	
2-Hexanone	Not detected	ug/L	50	8260B	05/19/05 08:31	JGH	591-78-6	
Isopropylbenzene	Not detected	ug/L	1	8260B	05/19/05 08:31	JGH	98-82-8	
p-Isopropyltoluene	Not detected	ug/L	1	8260B	05/19/05 08:31	JGH	99-87-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/L	50	8260B	05/19/05 08:31	JGH	108-10-1	

J-Estimated value less than reporting limit, but greater than MDL

Lab Sample ID: S22242.19 (continued)

Sample Tag: FB-051205

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics - O'Brien & Gere List (continued)								
Methylene chloride	Not detected	ug/L	5	8260B	05/19/05 08:31	JGH	75-09-2	
tert-Methyl butyl ether (MTBE)	Not detected	ug/L	5	8260B	05/19/05 08:31	JGH	1634-04-4	
2-Methylnaphthalene	Not detected	ug/L	5	8260B	05/19/05 08:31	JGH	91-57-6	
Naphthalene	Not detected	ug/L	5	8260B	05/19/05 08:31	JGH	91-20-3	
n-Propylbenzene	Not detected	ug/L	1	8260B	05/19/05 08:31	JGH	103-65-1	
Styrene	Not detected	ug/L	1	8260B	05/19/05 08:31	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/L	1	8260B	05/19/05 08:31	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/L	1	8260B	05/19/05 08:31	JGH	127-18-4	
Toluene	Not detected	ug/L	1	8260B	05/19/05 08:31	JGH	108-88-3	
1,1,1-Trichloroethane	Not detected	ug/L	1	8260B	05/19/05 08:31	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/L	1	8260B	05/19/05 08:31	JGH	79-00-5	
Trichloroethene	Not detected	ug/L	1	8260B	05/19/05 08:31	JGH	79-01-6	
Trichlorofluoromethane	Not detected	ug/L	1	8260B	05/19/05 08:31	JGH	75-69-4	
1,2,4-Trimethylbenzene	Not detected	ug/L	1	8260B	05/19/05 08:31	JGH	95-63-6	
1,3,5-Trimethylbenzene	Not detected	ug/L	1	8260B	05/19/05 08:31	JGH	108-67-8	
Vinyl chloride	Not detected	ug/L	1	8260B	05/19/05 08:31	JGH	75-01-4	
o-Xylene	Not detected	ug/L	1	8260B	05/19/05 08:31	JGH	95-47-6	
p,m-Xylene	Not detected	ug/L	2	8260B	05/19/05 08:31	JGH		

Analytical Laboratory Report

Lab Sample ID: S22242.20
Sample Tag: TB-051205
Collected Date/Time: 05/12/2005 19:30
Matrix: Water Quality
COC Reference: 04111

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	40 ml Glass	HCL	Yes	4	3

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles								
Volatile Organics - O'Brien & Gere List								
Acetone	Not detected	ug/L	30	8260B	05/19/05 09:04	JGH	67-64-1	
Benzene	Not detected	ug/L	1	8260B	05/19/05 09:04	JGH	71-43-2	
Bromodichloromethane	Not detected	ug/L	1	8260B	05/19/05 09:04	JGH	75-27-4	
Bromoform	Not detected	ug/L	1	8260B	05/19/05 09:04	JGH	75-25-2	
Bromomethane	Not detected	ug/L	5	8260B	05/19/05 09:04	JGH	74-83-9	
2-Butanone (MEK)	Not detected	ug/L	30	8260B	05/19/05 09:04	JGH	78-93-3	
n-Butylbenzene	Not detected	ug/L	1	8260B	05/19/05 09:04	JGH	104-51-8	
sec-Butylbenzene	Not detected	ug/L	1	8260B	05/19/05 09:04	JGH	135-98-8	
tert-Butylbenzene	Not detected	ug/L	1	8260B	05/19/05 09:04	JGH	98-06-6	
Carbon disulfide	Not detected	ug/L	5	8260B	05/19/05 09:04	JGH	75-15-0	
Carbon tetrachloride	Not detected	ug/L	1	8260B	05/19/05 09:04	JGH	56-23-5	
Chlorobenzene	Not detected	ug/L	1	8260B	05/19/05 09:04	JGH	108-90-7	
Chloroethane	Not detected	ug/L	5	8260B	05/19/05 09:04	JGH	75-00-3	
2-Chloroethylvinyl ether	Not detected	ug/L	1	8260B	05/19/05 09:04	JGH	110-75-8	
Chloroform	Not detected	ug/L	1	8260B	05/19/05 09:04	JGH	67-66-3	
Chloromethane	Not detected	ug/L	5	8260B	05/19/05 09:04	JGH	74-87-3	
Dibromochloromethane	Not detected	ug/L	1	8260B	05/19/05 09:04	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/L	1	8260B	05/19/05 09:04	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/L	1	8260B	05/19/05 09:04	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/L	1	8260B	05/19/05 09:04	JGH	106-46-7	
1,1-Dichloroethene	Not detected	ug/L	1	8260B	05/19/05 09:04	JGH	75-35-4	
1,2-Dichloroethane	Not detected	ug/L	1	8260B	05/19/05 09:04	JGH	107-06-2	
1,1-Dichloroethane	Not detected	ug/L	1	8260B	05/19/05 09:04	JGH	75-34-3	
cis-1,2-Dichloroethene	Not detected	ug/L	1	8260B	05/19/05 09:04	JGH	156-59-2	
trans-1,2-Dichloroethene	Not detected	ug/L	1	8260B	05/19/05 09:04	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/L	1	8260B	05/19/05 09:04	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/L	1	8260B	05/19/05 09:04	JGH	10061-01-5	
trans-1,3-Dichloropropene	Not detected	ug/L	1	8260B	05/19/05 09:04	JGH	10061-02-6	
Ethylbenzene	Not detected	ug/L	1	8260B	05/19/05 09:04	JGH	100-41-4	
2-Hexanone	Not detected	ug/L	50	8260B	05/19/05 09:04	JGH	591-78-6	
Isopropylbenzene	Not detected	ug/L	1	8260B	05/19/05 09:04	JGH	98-82-8	
p-Isopropyltoluene	Not detected	ug/L	1	8260B	05/19/05 09:04	JGH	99-87-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/L	50	8260B	05/19/05 09:04	JGH	108-10-1	
Methylene chloride	Not detected	ug/L	5	8260B	05/19/05 09:04	JGH	75-09-2	
tert-Methyl butyl ether (MTBE)	Not detected	ug/L	5	8260B	05/19/05 09:04	JGH	1634-04-4	
2-Methylnaphthalene	Not detected	ug/L	5	8260B	05/19/05 09:04	JGH	91-57-6	
Naphthalene	Not detected	ug/L	5	8260B	05/19/05 09:04	JGH	91-20-3	
n-Propylbenzene	Not detected	ug/L	1	8260B	05/19/05 09:04	JGH	103-65-1	
Styrene	Not detected	ug/L	1	8260B	05/19/05 09:04	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/L	1	8260B	05/19/05 09:04	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/L	1	8260B	05/19/05 09:04	JGH	127-18-4	
Toluene	Not detected	ug/L	1	8260B	05/19/05 09:04	JGH	108-88-3	

Lab Sample ID: S22242.20 (continued)

Sample Tag: TB-051205

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics - O'Brien & Gere List (continued)								
1,1,1-Trichloroethane	Not detected	ug/L	1	8260B	05/19/05 09:04	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/L	1	8260B	05/19/05 09:04	JGH	79-00-5	
Trichloroethene	Not detected	ug/L	1	8260B	05/19/05 09:04	JGH	79-01-6	
Trichlorofluoromethane	Not detected	ug/L	1	8260B	05/19/05 09:04	JGH	75-69-4	
1,2,4-Trimethylbenzene	Not detected	ug/L	1	8260B	05/19/05 09:04	JGH	95-63-6	
1,3,5-Trimethylbenzene	Not detected	ug/L	1	8260B	05/19/05 09:04	JGH	108-67-8	
Vinyl chloride	Not detected	ug/L	1	8260B	05/19/05 09:04	JGH	75-01-4	
o-Xylene	Not detected	ug/L	1	8260B	05/19/05 09:04	JGH	95-47-6	
p,m-Xylene	Not detected	ug/L	2	8260B	05/19/05 09:04	JGH		

GM REALM ENCORE

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

PAGE 1 OF 2

ID # Nº 04110

SSOW Ref. Code: R040005

Required Client Information:

Company: OBRIEN & GERE	Report To: SANDY PELOWSKI	Laboratory: MERIT LABS	
Address: 33475 W. 14 MILE	Copy To: TONY FINCH	Laboratory Location: EAST LANSING, MI	
FARMINGTON HILLS, MI 48331	Invoice To: SANDY PELOWSKI	Laboratory Contact: MAYA MURSHAK	
	P.O.:	Requested Due Date: 6/6/05	TAT: ROUTINE
Phone: 248-661-3745	Project Name: DIE STORAGE LOT	QA/QC Requirements: LEVEL III DATA	
Fax: 248 661 3745	Project Number: 34573		
E-mail: pelowssm@obg.com			

Valid Matrix Codes: WG Groundwater; WB Borehole Water; WS Surface Water; SO Soil; SE Sediment. See Back for QA/QC codes

Analysis and Method

Sample Identification:	QA/QC	Matrix Code	Date Collected	Time Collected	# Containers	Preservative: Unpreserved	HCl	H2SO4	HNO3	NaOH	Other:	VOCs 8260	BARIUM 200.8	LEAD 200.8	Remarks/Lab ID
01. WG-051205-001		WG	5/12/05	1000	3		2		1			X	X	X	OBG-MW16
02. WG-051205-002		WG		1030	3		2		1			X	X	X	OBG-MW17
03. WG-051205-003		WG		1130	3		2		1			X	X	X	OBG-MW18
04. WG-051205-004	MS/MSD	WG		1130	6		4		2			X	X	X	OBG-MW18
05. WG-051205-005	FD	WG		—	3		2		1			X	X	X	—
06. WG-051205-006		WG		1230	3		2		1			X	X	X	OBG-MW19
07. WG-051205-007		WG		1330	3		2		1			X	X	X	OBG-MW20
08. WG-051205-008		WG		1430	3		2		1			X	X	X	OBG-MW14
09. WG-051205-009	FC	WG		1430	3		2		1			X	X	X	OBG-MW14
10. WG-051205-010		WG		1530	3		2		1			X	X	X	OBG-MW15
11. WG-051205-011		WG		1600	3		2		1			X	X	X	MW-12
12. WG-051205-012		WG		1640	3		2		1			X	X	X	OBG-MW21
13. WG-051205-013	FC	WG		1640	3		2		1			X	X	X	OBG-MW21
14. WG-051205-014		WG		1715	3		2		1			X	X	X	MW-7
15. WG-051205-015		WG		1800	3		2		1			X	X	X	SVE-2
				TOTAL NUMBER OF CONTAINERS	48										

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
LAB PICKUP	1	1. / OBRIEN & GERE	5/13/05	12:10	1. Isaak Munn	5/13/05	1210
AIRBILL NO.		2. Isaak Munn	5/13/05		2. Paula	5-13-05	1545

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments: LEVEL III DATA PACKAGE BATCH COMPLETE FOR GROUND WATER

Sampler Name: MIKE ROBISON

Sampler Signature: Date: 5/12/05

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV. 0 (6/04)

GM REALM ENCORE

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

PAGE 2 OF 2

ID # Nº 04111

SSOW Ref. Code: R040005

Required Client Information:

Company:	OBRIEN & GERE	Report To:	SANDY PELOWSKI
Address:	33609 W. 14 MILE	Copy To:	TONY FINCH
	FARMINGTON HILLS, MI 48331	Invoice To:	SANDY PELOWSKI
		P.O.:	
Phone:	248 661 3745	Project Name:	DIF STORAGE LOT
Fax:	248 661 4057	Project Number:	34573
E-mail:	pelowssm@obg.com		

Laboratory:	MERIT LABS
Laboratory Location:	EAST LANSING, MI
Laboratory Contact:	MAYA MURSHAK
Requested Due Date:	6/6/05 TAT: ROUTINE
QA/QC Requirements:	LEVEL III DATA

Valid Matrix Codes: WG Groundwater; WB Borehole Water; WS Surface Water; SO Soil; SE Sediment; See Back for Additional Codes

	Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Preservative: Unpreserved	HCl	H2SO4	HNO3	NaOH	Other:	Analysis and Method: VOCs 8260B	BARIUM 200.8	LEAD 200.8	Remarks/Lab ID
1.	WB-051205-0160	WG	5/12/05	1840	3		2		1			X	X	X	SVE-1
2.	EB-051205	WQ	"	1900	3		2		1			X	X	X	
3.	FB-051205	WQ	"	1915	3		2		1			X	X	X	
4.	TB-051205	WQ	↓	1930	2		2					X			
5.															
6.															
7.															
8.															
9.															
10.															
11.															
12.															
13.															
14.															
15.															
	TOTAL NUMBER OF CONTAINERS				11										

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
LAB PICKUP	1	OBRIEN & GERE	5/13/05	12:10	Isaak Murshak	5/13/05	12:10
AIRBILL NO.		Isaak Murshak	5/12/05		Paula [illegible]	5-13-05	1545

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments: LEVEL III DATA PACKAGE BATCH COMPLETE FOR GROUND WATER

Sampler Name: MIKE ROBISON

Sampler Signature: [signature] Date: 5/12/05

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV. 0 (6/04)