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March 3, 2006

FILE COPY

Karen Cahill
NYSDEC - Region 7
615 Erie Blvd. West
Syracuse, NY 13204

Re: Former Axiom Facility
BCP Site No C755012
Remedial Investigation Work Plan

Dear Ms. Cahill:

Enclosed are three (3) copies (including one unbound copy) of the revised Brownfield Remedial Investigation (RI) Work Plan for the for the above referenced BCP site. S&W Redevelopment of North America, LLC (SWRNA) is providing the enclosed Plan as a final document, ready for NYSDEC approval, based on prior review comments we received from you, and in accordance with our recent conversations. We believe we have satisfactorily addressed each of the Department's comments, and anticipate timely approval of the Work Plan so that we may commence the investigation.

The indoor air sampling program will be conducted as the first element of the investigation. Enclosed with the Work Plan is the Indoor/Outdoor Air Sampling Plan, which has also been revised in accordance with your review comments. You may refer to the Quality Assurance Project Plan (Appendix A of the Work Plan) for details regarding the indoor air sampling and analysis approach. SWRNA will notify the Department in advance of the indoor air sampling program, once it is scheduled.

If you have any further questions or comments please call me at (315) 422-4949.

Very truly yours,
S&W REDEVELOPMENT OF NORTH AMERICA, LLC

Robert M. Petrovich
Executive Vice President

Daniel P. Ours
Senior Project Manager

pc: Henrietta Hamel, NYSDOH (2 copies)
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INDOOR/OUTDOOR AIR SAMPLING PROGRAM
950 DANBY ROAD
ITHACA, NEW YORK
BCP SITE NO C755012

1.0 - INTRODUCTION

Three (3) indoor air samples will be collected at 950 Danby Road, Ithaca, New York, as an element of a Remedial Investigation at the site. The air sampling will be conducted during the heating season, between November 1, 2005 and March 31, 2006. Air sampling will include three (3) samples from the lowest level of the existing site building, to determine the potential for exposure to organic vapors inside the building, and also to provide a basis for showing the effectiveness of the sub-slab system after it is installed as part of the site remediation program. In addition, one outdoor air sample will be collected to measure ambient air concentrations, concurrent with the three indoor air samples, at the upwind site boundary determined on the day of sampling.

Sub-slab air sampling will occur as a separate program, in connection with the design of a sub-slab remediation system, as an Interim Remedial Measure (IRM). The sub-slab sampling results will be reported in an IRM Work Plan, which will be submitted for NYSDEC approval. The IRM Work Plan will describe the design and implementation of the sub-slab system based on the sub-slab sampling results.

The samples will be collected in accordance with New York State Department of Health (NYSDOH) Guidance for Evaluating Indoor Air Intrusion in New York State (February 2005), and as described in the *Quality Assurance Project Plan* (QAPP) presented as Appendix A of the *Remedial Investigation (RI) Work Plan* (SWRNA, February 2006). The following is a summary of the sample collection and analysis approach that will be followed. Further details are provided in the RI Work Plan QAPP.

2.0 - SAMPLE COLLECTION METHODS

2.1 – PRE-SAMPLING INSPECTION

Sampling will be conducted in the lowest occupied building space. A pre-sampling inspection will be conducted prior to the sampling event to identify and minimize conditions that may interfere with the testing. The inspection will evaluate the type of structure, floor layout, air flows, and physical conditions of the building being studied. This information, along with information on potential sources of indoor air contamination will be identified on a building inventory form, completed as part of a comprehensive indoor air quality questionnaire (attached).

Each room on the lowest occupied level being tested will be inspected prior to selecting the three indoor sample locations. Per NYSDOH guidance, potential interference from products or activities releasing volatile organic chemicals will be controlled 24 hours prior to and during testing, to the extent practicable. Potential sources of interference will be removed from the sampling area, if possible, at least 24 hours prior to the collection of the indoor air samples.

2.2 - SAMPLE COLLECTION

The air samples will be collected on a cold heating season day. The heating system of the building will be in "normal" operation (i.e. maintaining a temperature between 60F and 70F) for at least 24 hours prior to and during the sample collection time.

The samples will be collected using evacuated 3 liter summa canisters. Flow regulators will maintain the low-flow intake of ambient air into the canister, over an 8-hour period, to approximate ambient air concentrations for a typical work shift. The flow intake will not exceed 0.2 liters per minute.

The summa canisters for indoor sampling will be placed in a central portion of the selected room(s), away from exterior walls, windows, vents, drains, and ducts. Areas with known or suspected sources of VOCs (e.g. chemical storage areas, petroleum-using equipment and machines, etc) will be avoided. The canisters will be placed at least three

feet off of the floor and at least one foot away from the ceiling, so that breathing-level air is sampled.

The outdoor air sample will be collected upwind of the building, in an area free of wind obstructions (tress, bushes), and away from potential contaminant sources (automobiles, gas stations, storage tanks, etc), at a height above the ground to represent breathing zones (3 to 5 feet high).

2.3 - SAMPLE ANALYSIS

The summa canisters will be shipped to a New York State certified laboratory for volatile organic compounds (VOCs) analysis by EPA method TO-15. The detection limit for analysis will be 0.25 micrograms per cubic meter for TCE, and 1.0 microgram per cubic meter for other VOCs.

3.0 - REPORTING

Following receipt of laboratory analysis results, a summary report will be provided to NYSDEC that will include:

- A sketch of the floor plan showing the locations of the samples
- The completed building survey form
- Photographs of each sample location
- Summary table of results
- Full laboratory analysis reports

The results of the air sampling will also be included in the RI Report for the project. Recommendations for further action relative to the air sample results will be provided in the RI Report.

Work Plan

Brownfield Cleanup Program
Remedial Investigation
Work Plan
950 Danby Road
Ithaca, New York

BCP Site # C755012

March 2006

Stearns & Wheler
Companies

BROWNFIELD CLEANUP PROGRAM
REMEDIAL INVESTIGATION WORK PLAN
950 DANBY ROAD
ITHACA, NEW YORK

Prepared for

South Hill Business Campus, LLC

Prepared by

S&W Redevelopment
of North America, LLC
430 East Genesee Street
Syracuse, New York 13202

March 2006

Project No.B4001

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SECTION 1 – INTRODUCTION

1.1 BACKGROUND

The subject site (site) is located on the west side of New York State Route 96B (Danby Road) in the Town of Ithaca, Tompkins County, New York (Figure 1-1). The site is identified as Tompkins County, Town of Ithaca Tax Parcels 39.-1-1.1; 39.-1-1.2 and 39.-1-1.4, and is presently occupied by a split level two- and four-story office and manufacturing building consisting of approximately 280,000 square feet. South Hill Business Campus, LLC will develop a portion of the existing office building into a multi-tenant professional office complex. The remaining portion of the existing structure (former manufacturing space) will be developed for use by light manufacturing, and some non-manufacturing business start-ups. The balance of the property, approximately 40-50 acres, may be developed in the future with compatible commercial uses.

In order to support the proposed future use of the property, a voluntary Remedial Investigation (RI) will be completed at the site in accordance with a Brownfield Cleanup Agreement (BCA). This Work Plan sets forth the scope and methods that will be followed during the course of the RI program. RI objectives and methods have been developed in accordance with the New York State Department of Environmental Conservation's (NYSDEC) *Brownfield Program Cleanup Guidance* (NYSDEC May 2004), and relevant provisions of draft DER-10 *Technical Guidance for Site Investigation and Remediation* (NYSDEC, December 2002).

1.2 SITE DESCRIPTION

The site is located at 950 Danby Road, Ithaca, New York, and occupies approximately 42 acres (Figure 1-2). It is located approximately 850 feet above mean sea level (amsl) on the west/northwest flank of South Hill. Site topography slopes to the northwest towards the City of Ithaca, which is located approximately ½ mile north of the site at approximately 393 feet amsl, resulting in approximately 460 feet of topographic relief between the site and the City.

Improvements to the site include a two-story manufacturing building of approximately 162,000 square feet, a four-story office building of approximately 38,000 square feet, and a two-story office building of approximately 65,000 square feet.

The offices and manufacturing buildings are of masonry construction, and are interconnected. The ground floors of the buildings are constructed of reinforced concrete slab. Poured reinforced concrete carried by structural steel frame and metal deck are present in the manufacturing building. The facility is provided with hot water from two gas-fired boilers. Water and sewer service is provided to the site buildings by the City of Ithaca. Electric and natural gas service is provided by NYSEG (New York State Electric and Gas).

A tiered parking area is located west of the site buildings. The three tiers accommodate the downward sloping terrain in the western portion of the site.

A small stream flows across the site, west of the buildings and parking area, from southeast to northwest, following the slope of the ground surface. The stream receives surface runoff, and also is likely to be fed by shallow groundwater based on observations that flow in the stream persists throughout the year.

Storm runoff from the site is otherwise conveyed to a storm sewer lateral adjacent to the manufacturing building (Figure 1-3).

The property surrounding the subject site is primarily vacant land west of Danby Road. The Ithaca College campus occupies over 100-acres east of Danby Road. Because of Ithaca College, the land use in this general area is commercial/institutional, with some residential uses primarily south of the site.

1.3 SITE HISTORY

The property was vacant land and/or used for agricultural purposes until 1953. The National Cash Register Company (NCR) purchased the property from Ithaca College in 1953. NCR manufactured adding machines and cash registers, and also had an active Printer Business Unit on site. According to interviews conducted as part of a 1994 Phase I Environmental Site Assessment, the following manufacturing activities took place from 1953 to 1978: metal painting using oil based paints was performed, and heat treatment using cyanide; plating operations were active during this period using nickel, zinc and cadmium, as well as machining using cutting oils, lubricating oils, and solvents. Additional activities related to manufacturing operations included silver soldering, vapor

cleaning of vats using tetrachloride, plastic molding, and tumble barrels using sulfuric acid.

During NCR's operation, records indicate that nine (9) underground storage tanks (USTs) were on site for over 30-years. All nine (9) tanks were removed in 1986, and one spill was reported during removal. Remedial action was taken in response to the spill, and the NYSDEC spill file was closed at some point following remediation.

From 1992-1994, AT&T Global Information Solutions occupied the facility. During that period AT&T manufactured and assembled impact and thermal printers. In addition to these processes, other processes included assembling printed circuit boards, wave soldering, washing and repairing printers, painting, small scale machining and injection molding.

Axiohm IPB, Inc. (which recently changed its name to TPG IPB, Inc.) acquired the property in 1994 and used it as a corporate headquarters as well as for the engineering, marketing, light manufacturing and servicing of transaction printers. Manufacturing activities at the property, which were terminated in December 2002, were limited to the final assembly of transaction printers using subassemblies that were procured from other manufacturers. In the final assembly process, all subassemblies were either fitted or glued and/or screwed together. Prior to its closure in July 2003, Axiohm's printer service center on the property performed similar assembly and distributed spare parts.

1.4 AREA HYDROGEOLOGY

The site is located at the northern edge of the Appalachian Uplands physiographic province of New York State, at the northern extreme of the Appalachian Plateau. The area's landscape has been carved into hills and valleys over millions of years, and was later modified by glaciers, resulting in the high relief topography present today.

The northern edge of the province is cut by the Finger Lake troughs, which drain to the north. The site is situated on a valley wall of the Cayuga Lake trough south of Cayuga Lake, on the west flank of a major topographic divide.

Soil thickness is variable across this area, ranging from several tens of meters near the valley floor, to exposed bedrock outcrops along the valley walls. At the site, depth to

bedrock ranges from approximately 0 to 15 feet below ground, with visible rock outcrops. Area bedrock is Devonian age and consists primarily of shale and siltstone of the Ithaca formation (Rickard and Fisher, 1970).

Based on boring logs from previous site investigations (see Work Plan Exhibit 1), site soils are comprised of a variable mixture of sand, silt and gravel. The primary soil type near the site, on the valley walls and adjacent upland areas, is glacial till that consists of an unsorted mixture of clay-, silt, sand-, and gravel-sized grains (Muller and Cadwell, 1986). Tills are deposited directly by glacial ice, and since glaciers do not substantially sort the materials they carry, tills tend to be variable in both texture and composition. Because tills contain many different grain sizes, the empty spaces between coarser grains tend to become filled with finer-grained materials, resulting in a very low porosity. For this reason, tills usually have a low permeability, and accordingly there are no productive aquifers along the valley walls.

Coarser deposits along the valley floor may form permeable aquifers. The nearest such deposit occurs at the bottom of the Cayuga Lake trough, extending south of Cayuga Lake. However, the site is situated approximately ½ mile southeast of this deposit, and there is no known hydraulic connection between shallow groundwater at the site and the sand and gravel deposits on the valley floor.

Shallow groundwater at the site ranges from less than 10 feet below ground surface (bgs) to approximately 15 feet bgs, and flows primarily to the northwest, consistent with the steep surface topography. Area groundwater is recharged by precipitation, primarily in upland areas southeast of the site, and flows downslope, occasionally discharging at ground surface in seep areas. A number of ponds, small streams, and standing water seeps along the northwest slope of south hill are evidence of localized groundwater discharge. Such discharge areas, commonly referred to as "seepage faces" are not uncommon along convex hillslopes with deeply incised channels, where a thin layer of relatively high permeability overlays a relatively low permeability layer (Freeze and Cherry, 1979). The thin overburden that overlies relatively impermeable shallow bedrock, in combination with the steep slope of the area (i.e. over 450 feet of relief between the site and downslope areas only ½ mile away) creates conditions that favor the formation of local groundwater discharge areas.

Shallow groundwater underlying the site has a very limited resource value, due to limited saturated thickness (< 5 feet) over bedrock. Groundwater may occur in bedrock below the site, but the predominance of shale in this area also limits groundwater availability and quality. Shale beds usually form thick and extensive aquitards in most sedimentary groundwater systems. Shale porosity is usually less than 20 percent, and in some cases may be as low as 5 percent (Freeze and Cherry, 1979). In outcrop areas, shale may be brittle and fractured due to weathering and erosion, which can create secondary porosity that may make shale more permeable. However, fractures in shale are typically not interconnected enough to transmit significant quantities of groundwater. For example, the secondary porosity of limestone is enhanced by fractures that are created as groundwater dissolves carbonate materials, and by this process the fracture patterns in limestone become well connected. For shale and siltstone, tectonic forces such as folding and compression usually cause fractures, and these types of fractures are generally not well connected. For this reason, shale and siltstone may not transmit groundwater despite localized fracturing that may be present.

Studies of tectonic deformation within upper Devonian shales of the Finger Lakes region have shown a prevalence of arrest lines, which mark the termination of propagation of cracks (Engelder et al, 1987). In addition, lithology (i.e. rock type) apparently controls the formation of "out-of-plane" cracks and joints (i.e. cracks that form across lateral bedding planes). Homogeneous rock types such as shales are less likely to fracture across bedding planes compared to more heterogeneous rock types such as sandstone. This means that vertical fracturing may be limited in the shales that predominate across the area, which will minimize vertical mixing of groundwater between the surficial overburden and the underlying bedrock.

Ithaca area residents and businesses are serviced by a municipal water supply that draws from a reservoir on Sixmile Creek, approximately one mile northeast of the site, within the Sixmile Creek watershed. The site is located outside the watershed boundary (Figure 1-4). There are no known wellhead protection areas within one mile of the site.

1.5 WORK PLAN OBJECTIVES

NYSDEC's Brownfield Cleanup Program (BCP) is promulgated in Article 27, Title 14 of the Environmental Conservation Law (ECL). Under the BCP, a Brownfield Site Investigation must be completed in accordance with NYSDEC's draft *Brownfield*

Cleanup Program Guidance and *Technical Guidance for Site Investigation and Remediation* (DER-10), to provide a systematic assessment of environmental conditions on the property. In accordance with BCP guidance, the volunteer's objective of the investigation will be to define the nature and extent of contamination on-site, identify contaminant source areas, and produce data of sufficient quantity and quality to complete on- and off-site exposure assessment.

The completed RI will support the development of an acceptable Remedial Work Plan. The goal of the remedy selection process will be to select a remedy for a site that is fully protective of public health and the environment, taking into account the current, intended and reasonably anticipated future land use of the site.

SECTION 2 - PREVIOUS SITE INVESTIGATIONS

2.1 PHASE I ENVIRONMENTAL SITE ASSESSMENT, DECEMBER 1994

2.1.1 SCOPE OF WORK

Dames & Moore, Inc. (D&M) completed a Phase I Environmental Site Assessment at the site in December 1993. The purpose of the Phase I ESA was to *"assess the environmental status of the site by identifying existing or potential environmental conditions"* (D&M, December 1994).

The scope of work included interviews with facility employees, a review of aerial photographs and maps, site inspection, a review of regulatory records, and a review of historical land use for the site.

2.1.2 FINDINGS

The Phase I ESA Report (D&M 1994) indicated that the general historical use of the site, including paint operations, heat treatment, plating, machining, silver soldering, vapor cleaning, and plastic molding, involved the use of potentially hazardous materials and petroleum products. Specifically, the Phase I ESA report presented the following findings:

a. Petroleum and Hazardous Materials. Hazardous material and petroleum products, including fuel and lubricating oils, paints, water treatment chemicals, and solvents, were used at the site in connection with building maintenance activities and the manufacturing process. These materials were stored in small quantity containers – usually 5 gallons or less – in specific site areas such as the boiler room and the assembly area of the manufacturing building. Water treatment chemicals were stored in 40 gallon drums in the boiler room. The Phase I ESA Report indicated there was no evidence that any of these stored materials had leaked or spilled.

b. Underground Storage Tanks (USTs). The Phase I ESA Report indicated the presence of nine (9) USTs (see Figure 1-3). Seven of the USTs were located in a tank farm area near the facility loading dock:

- Two 15,000 gallon steel fuel oil USTs

- One 6,000 gallon steel cutting oil UST
- One 1,500 gallon steel lubricating oil UST
- One 1,500 gallon steel gasoline UST
- One 6,000 gallon steel trichloroethene (TCE) UST
- One 2,000 gallon steel waste oil UST

The above USTs were reportedly removed from the site in 1986, although no documentation has been found to substantiate this.

Two additional 9,000 gallon USTs were identified north of the storage building (Figure 1-3). These two tanks reportedly contained heat treat process liquids, which may have contained cyanide. The tanks were reportedly decommissioned in-place in 1986, at the same time that the plating system was decommissioned.

The age of each of the nine identified tanks was not known, however, they were reportedly present on site for at least 30 years. There are no documented incidents of spills or releases from the tanks during the time they were in service. However, a leak reportedly occurred at the time the USTs were removed in 1986. The New York State Department of Environmental Conservation (NYSDEC) was notified at that time, and the spill file was closed, and cleanup was determined to be complete, after the tanks were removed from the site.

c. **Disposal Area.** A former waste disposal area was identified on the site, on the south side of a small stream southwest of the manufacturing building and the tiered parking area, based on historical evidence. The disposal area was reportedly visible on aerial photographs through 1995. There was no documentation regarding the types of material that may have been disposed, although visible material in this area included primarily construction and demolition debris (bricks, metal debris, asphalt material). At the time of the Phase I ESA site inspection, there was no evidence of stained soils or stressed vegetation in this area.

d. **Drum Storage Area**. Spent and obsolete manufacturing and maintenance chemicals were reportedly stored in a gravel area on the southwest corner of the parking lot, prior to being hauled off site for disposal. It has been estimated that as many as 100 drums may have been stored in this area at any given time. According to site personnel, the drums may have contained material associated with the former plating operations,

which ended in 1986. There was no evidence of staining or other visible impacts in this area during the 1994 Phase I ESA

The above site areas are identified as potential contaminant source areas.

2.2 PHASE I ENVIRONMENTAL SITE ASSESSMENT, NOVEMBER 1998

2.2.1 SCOPE OF WORK

Environmental Products and Services, Inc. completed a subsequent Phase I Environmental Site Assessment at the site in November 1998, (EPS). The objectives of the Phase I ESA were to:

- Identify potential environmental concerns associated with the presence of hazardous wastes or materials due to past or present site activity;
- Identify contraventions of local, state, or federal regulations that may have resulted on environmental impacts;
- Determine if additional site investigation was needed.

EPS completed the following scope of work to meet these objectives:

- A review of site information provided by site representatives;
- Discussions and/or correspondence with local, state, and federal agencies
- A site inspection

2.2.2 FINDINGS

The Phase I ESA Report (EPS, 1998) referenced the findings presented in the 1994 Dames & Moore Phase I ESA Report. In addition to those previous findings, the 1998 Phase I ESA Report noted that fill material, much of which was produced during construction of the South Campus of Ithaca College, was deposited on the site prior to construction of site buildings. The report indicated an EPS representative observed mounds of fill material on the northern, western, and southern edges of the parking area (Figure 1-3). This area of fill corresponds to the disposal area that was previously described in the 1994 Phase I ESA (D&M). Visible fill was comprised of rock, soil,

concrete, masonry, and asphalt. There was no evidence of drums, containers, or industrial or residential waste in the visible fill material or elsewhere on the site.

The 1998 Phase I ESA Report recommended a soil boring program in proximity to the former UST area, and adjacent to the former drum storage area.

2.3 PHASE II ENVIRONMENTAL SITE ASSESSMENT , MAY 2003

2.3.1 SCOPE OF WORK

The Phase II ESA was completed by EPS in February 2003, based on the recommendations of the November 1998 Phase I ESA. The investigation included six (6) soil borings in the following site areas (see Figure 2-1):

- Two soil borings (TF-1 and TF-2) were advanced northwest of the loading dock, in the former UST tank farm area where seven USTs were previously located (Phase I ESA Report, D&M, 1994).
- One soil boring (HTP-1) was advanced in the southwest corner of the manufacturing facility, northeast of the steel storage building, where two 9,000 gallon heat treat process USTs were previously located (Phase I ESA Report, D&M, 1994).
- One soil boring (UST-1) was advanced south of the steel storage building, in suspected location of another former UST.[1]
- Two soil borings (CHEM-1 and CHEM-2) were advanced in the area where drums of waste material were reportedly stored in the past (Phase I ESA Report, D&M, 1994).

In addition to the soil borings completed in February 2003, three soil borings (CHEM-3, CHEM-4, CHEM-5) were completed in March 2003 in the alleged waste disposal area south of the former drum storage area (Figure 2-1).

All soil borings were drilled using 2 ¼ inch inside diameter hollow stem augers and split spoon sampling in accordance with American Society of Testing and Materials (ASTM)

[1] The Phase II ESA Report (EPS, 2003) does not specify the source of suspicion that a UST might be present at this location. No UST was confirmed.

Method D1586. Soil samples were screened with a photoionization detector (PID), and are described in soil boring logs, as Exhibit 1 of this Work Plan.

Based on the results of the PID screening, soil samples collected from borings TF-1, TF-2, HTP-1, UST-1, CHEM-1, and CHEM-2 were analyzed in a laboratory for volatile organic compounds (VOCs) by USEPA Method 8260 with methyl tert butyl ether (MTBE), and semi volatile organic compounds (SVOCs) by EPA Method 8270 B/N. Soil samples from borings HTP-1, CHEM-1, CHEM-2, CHEM-3, CHEM-4 and CHEM-5 were analyzed for solvents by EPA Method 8260B, RCRA 8 metals (including arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver), and total cyanide.

Groundwater monitoring wells MW-1, -2, -3, and –4 were subsequently installed in April 2003, based on the laboratory analysis results for soils (see Findings below). These wells were located in the former tank farm area (MW-1), adjacent to the manufacturing facility heat treat process USTs (MW-2), in the parking lot (MW-3) downgradient of MW-1 and MW-2, and in the former drum storage area (MW-4).

2.3.2 FINDINGS

a. PID Results. Field screening of the soil samples collected from borings TF-2, UST-1, CHEM-1, CHEM-2, and CHEM-4 revealed non-detectable PID readings, or just slightly above background levels (Table 2-1). Higher PID readings were measured for soil samples taken from borings TF-1 and HTP-1, near the former UST areas, and from borings CHEM-3 and CHEM-5, which were located in the former disposal area south/southwest of the parking area.

b. Soil and Groundwater Conditions. The soil borings completed as part of the Phase II ESA encountered sand and gravel soils, with variable lesser amounts of fine sand and silt. The borings ranged in depth from approximately 5 to 20 feet below bgs. Auger refusal was reached in four of the borings. Boring TF-2 in the former tank farm area hit refusal at 14.8 feet bgs, and borings CHEM-3, -4, and –5 in the former disposal area hit refusal at approximately 5 feet bgs.

Groundwater was encountered between 10 and 12 feet bgs in the former tank farm area (borings TF-1 and TF-2). This suggests less than 5 feet of saturated thickness in soils over bedrock for this area of the site. The depth to groundwater for other site areas, as

determined by soil borings near the other former USTs (HTP-1 and UST-1), and the former waste storage area (CHEM-1 and CHEM-2), ranged from approximately 9 to 11 feet bgs. No groundwater was encountered in the shallow 5-foot soil borings CHEM-3, -4, and –5, which were advanced to refusal in the former disposal area.

c. **Laboratory Results.** Laboratory analysis results for soil samples are summarized on Tables 2-2 through 2-5. Laboratory reports are attached to this Work Plan as Exhibit 2. A summary of results for soils, by specific site area, is presented below.

- Former UST tank farm area. Soil samples from borings TF-1 and TF-2 contained only a single VOC: trichloroethene (TCE) at 0.638 mg/Kg in sample TF-2. This concentration is below the NYSDEC Technical and Administrative Guidance Memorandum (TAGM) 4046 recommended soil cleanup objective (RSCO) of 0.7 mg/Kg for TCE. Sample TF-1 did not contain any detectable VOCs. Several SVOCs were detected in samples TF-1 and TF-2, but all were below TAGM 4046 RSCOs.
- Manufacturing facility (9,000 gallon former USTs). The soil sample collected from soil boring HTP-1 contained only a single VOC, trichloroethene (TCE). The soil sample that was analyzed by method 8260 contained TCE at a concentration below TAGM RSCOs. A split sample that was analyzed by method 8260B contained 2.07 mg/Kg TCE, which is above TAGM RSCOs. Two SVOCs were detected above TAGM RSCOs: benzo(a)anthracene (1.65 mg/Kg) and chrysene (1.41 mg/L). Analysis for RCRA 8 metals indicated barium, cadmium, and chromium above RSCOs in sample HTP-1.
- South of steel storage building. The boring near the suspected UST produced a soil sample (UST-1) that did not contain any detectable VOCs. Only one SVOC was detected (di-n-butyl phthalate), below TAGM RSCOs.
- Former waste storage area. Soil samples from borings CHEM-1 and CHEM-2 did not contain detectable VOCs. Several SVOCs were detected, but only benzo(a)pyrene in sample CHEM-1 was above TAGM RSCOs. Barium (CHEM-1 And CHEM-2), cadmium (CHEM-1), and chromium (CHEM-1 and CHEM-2) were also detected above RSCOs.
- Fill disposal area. Sample CHEM-3 contained MTBE (0.269 mg/Kg) and TCE (4.32 mg/Kg) above TAGM RSCOs, and sample CHEM-5 contained TCE (0.845 mg/Kg) above RSCOs. Xylene was the only VOC detected, in each of the soil samples, below RSCOs. No SVOCs were detected in these

three samples. Arsenic (CHEM-4), barium (CHEM-3, -4, -5), cadmium (CHEM-3, -4, -5), and chromium (CHEM-3, -4, -5) were also above RSCOs.

Groundwater analysis results are summarized on Table 2-6 through 2-8. Several chlorinated VOCs, including TCE and its degradation products trans-1,2 dichloroethene (DCE) and vinyl chloride (VC), were detected in groundwater samples above New York State Class GA groundwater quality standards (T.O.G.S. 1.1.1). TCE was detected above Class GA standards in groundwater samples taken from all four monitoring wells, with DCE and VC detected above standards only in monitoring well MW-2. No SVOCs were detected in the groundwater samples. Three of the groundwater samples (MW-2, -3, and -4) were chosen for RCRA 8 metals analysis. Arsenic, barium, chromium, and lead were detected above Class GA standards in all three groundwater samples. Cadmium was detected above standards in sample MW-2. No SVOCs were detected above Class GA standards.

2.3.3 PHASE II ESA SUMMARY

The results of the Phase II ESA indicated detectable impacts for a few organic compounds, marginally above soil RSCOs and groundwater standards.

a. Soil. Of the nine soil samples analyzed, three contained VOCs above TAGM RSCOs:

- HTP-1 (TCE)
- CHEM-3 (TCE, MTBE)
- CHEM-5 (TCE).

Two soil samples contained SVOCs above TAGM RSCOs:

- HTP-1 (benzo(a)anthracene and chrysene)
- CHEM-1 (benzo(a)pyrene)

Barium, cadmium, and chromium were also detected in soil samples above RSCOs.

b. Groundwater. All four groundwater samples contained TCE above Class GA standards. Overall, the following VOCs were above Class GA standards in the groundwater samples:

- MW-1 (TCE)

- MW-2 (1,1-dichlorocthane; trans 1,2-dichlroethene; vinyl chloride; TCE, toluene)
- MW-3 (TCE)
- MW-4 (TCE)

No SVOCs were detected in site groundwater.

Analysis for RCRA 8 metals indicated arsenic, barium, cadmium, chromium, and lead above Class GA standards in site groundwater. Cyanide was also detected above Class GA standards.

2.4 SOURCE INVESTIGATION, JANUARY 2004

Prior site investigations had provided a thorough assessment of site history, and had identified the presence of specific organic compounds and metals in site soils and groundwater. These impacts are associated with discrete potential contaminant source areas.

Environmental Resources Management, Inc. (ERM) completed a Source Investigation in 2004, based on earlier findings, to further define the degree of soil and groundwater impact associated with the identified potential contaminant source areas. In addition to investigating specific contamination source areas, the investigation also targeted potential contaminant transport media and receptors, so that migration potential could be assessed.

2.4.1 SCOPE OF WORK

The field work for the investigation was completed in January 2004, and specifically targeted the following potential source areas (Figure 2-1):

- **Chip Disposal Room** – This area was used to collect scrap metal from stamping operations during the manufacture of adding machines. Scrap metal was separated from lubricating oil in the chipping room. The waste oil was reportedly discharged to a UST located in the former UST (tank farm) area near the loading docks. The chip disposal room has a steel grate floor.
- **Boiler Room**. The boiler room contains several gas-fired boilers, air compressors, and fire suppression pumps and equipment. The boilers

formerly used oil prior to being converted to natural gas. Acid, caustic, and other treatment chemicals are also stored in this room. There are two floor drains. Fuel lines associated with the boilers when they were oil-fired are located below the floor slab.

- **Former Wash Area**. This site area was represented on facility drawings, but the Source Area Investigation Report (ERM, 2004) indicates that the former wash room was not evident during site inspection. The wash area reportedly used an "in-slab" drainage system that discharged to the sanitary sewer.
- **Former Plating Room and Former Plating UST Area**. The former plating room was located along the south wall of the building. An array of "in-slab" trench drains drained rinse water that potentially contained chromic acid, chlorinated solvents, metals, and cyanide compounds into the former 9,000 gallon USTs.
- **Former UST Area**. This area was described as a "tank farm" during prior investigations. The USTs reportedly contained fuel oil, waste oil, gasoline, and solvents, and were reportedly removed in 1986, as previously indicated.
- **Former Drum Storage Area.** This area, in the southwest corner of the parking lot, was identified and described in the previous Phase I and II ESAs.
- **Former Waste Disposal Area.** Construction-related debris such as asphalt roofing material, bricks, scrap metal, and soil fill was observed in this site area, southwest of the manufacturing facility, during previous investigations. During the Source Area Investigation, empty drums and 5-gallon paint cans were reportedly present as well. Aerial photographs from 1938, 1954, 1965, 1978, 1981, and 1995 were obtained, and showed soil disturbance and disposal activity across this portion of the site, from the beginning of site use in the 1950s through the early 1980s.

The Source Investigation also including an assessment of potential receptors and/or migration routes for site contaminants, including the following areas:

- **Storm Drains**. An extensive storm drain system exists along the west wall of the manufacturing building, and discharges through a 16-inch diameter concrete pipe at the west side of lowest parking lot tier (Figure 2-1). The 16-inch pipe is located in a former drainage swale that bisects the property.
- **Groundwater**. The uppermost groundwater zone at the site occurs within a thin layer (approximately 2 to 15 feet thick) of overburden that overlies shale

bedrock. The saturated thickness within this zone, as determined by site monitoring wells, is generally less than 5 feet. The combination of thin overburden, relatively impervious shale bedrock, and topographic slope provide hydrogeologic conditions for groundwater seeps (i.e. areas of discharge) to form. A large area of groundwater discharge was observed by ERM near the storm drain discharge point west of the facility, adjacent to the lowest parking lot tier. Based on descriptions of a "blocky" organic material on the surface of the seep (ERM, 2004), it is apparent that the seep area is rich in natural organic substances such as humic and fulvic acids. The presence of these substances suggests this particular site area is prone to frequent saturation by groundwater seeps, which is the nature of a groundwater discharge area. This area was targeted for investigation because, as a groundwater discharge area, it may be a receptor for contaminated groundwater.

- **Small Stream.** A stream is located southwest of the facility, and along the eastern edge of the former disposal area. This stream receives surface runoff and storm water discharge from the facility.
- **Water Reservoir.** A 200,000 gallon water reservoir is located below the parking lot. The reservoir is constructed of concrete, and contains potable water that was stored for fire suppression before the site was connected to a municipal supply. Because water within the tank is a potential receptor for subsurface contaminants from defined source areas, it was sampled to provide an indication of possible subsurface contaminants.

The above areas were investigated in January 2004 via a soil boring and monitoring well installation program. A total of thirty-four (34) soil borings and eleven (11) monitoring wells were installed (see Figure 2-1). In addition, 23 test pits were dug by backhoe in the former disposal area to assess materials disposed in that area. Forty-four (44) soil samples, 15 shallow groundwater samples, 3 sediment samples, and 7 surface water samples were collected for laboratory analysis.

Soil samples were collected from borings using a combination of methods, including 1-inch outside diameter Macro-core samplers and 2-inch diameter split spoon samplers. Soil samples from the test pits were obtained either from the bucket of the backhoe, or directly from the pits when possible.

The soil borings were terminated between approximately 5 to 16 feet bgs, which was the depth to refusal corresponding to top of bedrock. Soil samples were screened in the field by ERM personnel using a flame ionization detector (FID). Soil samples were examined and described in subsurface soil boring and test pit logs (Exhibit 1).

Eleven groundwater monitoring wells, designated as MW-5 through MW-15, were installed in soil borings MW-5, B-7, B-2, B-9, B-8, B-16, B-28, B-29, B-22, B-12, and B-19, respectively. Each well was constructed of 2-inch diameter PVC, except for MW-11, -12, -13, and-15, which were constructed of 1-inch diameter PVC because they were installed in borings drilled by 1-inch diameter Macro-cores. All well screens, regardless of diameter, consisted of 0.01 inch slot size and straddled the water table. Sand filter pack was placed around the well screens, extending at least 1-foot above the top of screen. Each well was finished with bentonite seals and protective covers cemented in place. Well construction diagrams are included in Exhibit 1.

Groundwater samples were collected from each monitoring well following development.

2.4.2 FINDINGS

Investigation findings for each identified potential source area were presented in the Source Investigation Report (ERM, March 2004). A summary of findings is presented below.

a. Former Chip Disposal Room. Four soil borings were advanced in this area (B-18, B-20, MW-5, B-19/MW-15), and two groundwater monitoring wells (MW-5, MW-15) were installed.

Top of bedrock was encountered approximately 6 to 8.7 feet bgs in this area. Unconsolidated overburden was primarily sand and silt, intermixed with lesser amounts of gravel. Groundwater was evident as soils transitioned from moist to wet near the bedrock surface.

Three soil samples were collected (Axi B-18, -19, -20) from just above bedrock, and analyzed for VOCs, polycyclic aromatic hydrocarbons (PAHs), PCBs, and metals (see Table 2-2 through 2-5).

- VOCs. All of the detected VOCs were below TAGM RSCOs.
- PAHs. None were detected.
- PCBs. PCBs were detected in only one of the three samples (B-19, 0.055 mg/Kg), at a concentration below RSCOs (10 mg/Kg for subsurface soil).
- Metals. Beryllium, chromium, iron, nickel, and zinc were detected above TAGM RSCOs in all three samples. Copper was detected above RSCOs in samples B-19 and B-20.

The depth to groundwater (from top of casing) in MW-5 and –15 prior to sampling was 5.42 feet and 6.38 feet, respectively. The total well depths (from top of casing) for these two wells are 6.58 feet and 8.26 feet, respectively. The two groundwater samples (MW-5, MW-15) represent a saturated thickness of approximately 1 to 2 feet immediately over bedrock.

According to the Groundwater Sampling Records (GSRs) included in the ERM report, no free product was observed in MW-5 or MW-15. The groundwater samples collected from these two wells were analyzed for VOCs and SVOCs. No SVOCs were detected in either sample. The following VOCs were detected above Class GA standards:

- TCE (MW-5, 9.06 ug/L);
- n-butylbenzene (MW-15, 15.4 ug/L);
- sec-butylbenzene (MW-15, 6.05 ug/L)

The groundwater sample from MW-5 was also analyzed for total metals and PCBs. Iron, manganese, and sodium were detected above Class GA standards. PCBs were not detected.

b. Boiler Room. Two shallow soil borings were completed in this area (B-27 and B-33) to investigate potential impacts associated with the sub-slab floor drains of this building. The samples were collected from 2.5 to 4.5 feet bgs (B-27) and from 0.5 to 2 feet bgs (B-33).

FID readings for all soil samples were non-detect (0 ppm).

One soil sample (B-33) was analyzed for VOCs, PAHs, metals, and PCBs. No VOCs, PAHs, or PCBs were detected in the boiler room soil sample. Beryllium, chromium, iron, nickel, and zinc were detected above RSCOs.

c. **Former Wash Area.** Two soil borings (B-21 and B-22/MW-13) were advanced in this area, and one monitoring well (MW-13) was installed. Each boring hit refusal at bedrock, which was 1.8 feet bgs.

Soil samples were collected from 0.5 to 1.8 feet in each boring, and analyzed for VOCs, PAHs, and metals.

Only a single VOC was detected in either sample (5.64 ug/Kg 1,1-dichloroethane, B-21), below TAGM RSCOs. No PAHs were detected.

Chromium, iron, nickel, and zinc were detected above RSCOs in both soil samples. Beryllium was above RSCOs in the sample from B-22.

The depth to groundwater in MW-13 prior to sampling was only 0.66 feet below top of casing, and the total well depth is only 1.36 feet. Accordingly, this well was constructed with one foot of screen, immediately over bedrock, and there is apparently less than one foot of saturation over rock. No free product was observed in MW-13, according to the GSRs (ERM, 2004). The groundwater sample collected from MW-13 was analyzed for VOCs, SVOCs, metals, and PCBs. Only one VOC was detected, but below Class GA standards (4.19 ug/L 1,1-dichloroethane). No SVOCs were detected. The metals arsenic, chromium, iron, manganese, sodium, and lead were detected above Class GA standards. No PCBs were detected.

d. **Former Heat Treating and Plating Areas.** A total of fourteen (14) soil borings and three monitoring wells were installed within this area of the site. Five of the soil borings were advanced in the former heat treating area (B-23, -24, -25, -26, and –29/MW-12), and one groundwater monitoring well was installed (MW-12). Nine additional soil borings (B-8/MW-9, B-9/MW-8, B-10, B-11, B-12, B-30, B-31, B-32, B-34) were advanced in the area of the two 9,000 gallon USTS, and two groundwater monitoring wells were installed (MW-8 and MW-9).

Bedrock in the former heat treating area was encountered less than one foot bgs at the eastern end of the plating room, and at 12.5 feet bgs at the western end. The depth to groundwater at MW-12 prior to sample collection was 10.9 feet below top of casing, and the total well depth was measured to be 11.66 feet below top of casing. The bottom of

the well corresponds to the top of bedrock. The groundwater sample collected from MW-12 therefore represents a saturated thickness of approximately one foot overlying bedrock.

Field FID readings of soil samples from borings in the heat treating area were variable, and ranged from 0 ppm to 124.1 ppm.

Four soil samples from the heat treating area were analyzed for VOCs, PAHs, and metals (B-23, -24, -25, -29). The fifth soil sample (B-26) was comprised of dry, loose, granular material, and recovery was too poor to produce a sample.

Only one soil sample, from B-29, contained any VOCs above RSCOs: trichloroethene (2,990 ug/Kg) and vinyl chloride (309 ug/Kg). The other three soil samples contained only TCE, but at concentrations well below TAGM RSCOs.

The sample from B-29 was the only sample to contain detectable PAHs, but all were below RSCOs.

Several metals, including arsenic, beryllium, chromium, copper, iron, nickel, and zinc, were detected in the soil samples from the heat treating area above TAGM RSCOs.

The soil sample from B-29 was also analyzed for PCBs. None were detected.

The groundwater sample from MW-12 was analyzed for VOCs, SVOCs, metals, and PCBs. Cis-1,2-dichloroethene and TCE were the only VOCs detected above Class GA standards. No SVOCs were detected.

A visible non-aqueous phase liquid (NAPL) was observed as a "black oil like" substance in well MW-12 during groundwater sample collection, according to Groundwater Sampling Records (GSRs) in the ERM report. However, the groundwater sample from MW-12 contained only a few tens of parts per billion (ppb) total VOCs.

Total chromium, iron, manganese, and sodium were detected above Class GA standards in the groundwater sample from MW-12. PCBs were also detected above Class GA standards, at 3.41 ug/L.

In the 9,000 gallon UST area, bedrock was encountered between 3.5 and 12.5 feet bgs. Field FID readings indicated a variable presence of organic vapors, ranging from 0 ppm to 558 ppm.

The nine soil samples were collected from the 9,000 gallon UST area and analyzed for VOCs, PAHs, and metals. Four soil samples (from borings B-8, -9, -10, and –11) were analyzed for PCBs.

Among VOCs, only TCE was detected above RSCOs, in the samples from borings B-9 and B-10. No PAHs were detected.

Several metals were detected above RSCOs, including arsenic, beryllium, cadmium, chromium, copper, iron, nickel, and zinc. PCBs were detected in three of the four soil samples (B-8, -9, -10). However, the concentrations were below TAGM RSCOs.

The depth to groundwater in the 9,000-gallon UST area, based on monitoring wells MW-8 and MW-9, was 7.42 feet and 8.9 feet below top of casing, respectively, prior to groundwater sample collection. The total well depths are 13.32 feet and 10.06 feet below top of casing, respectively, corresponding to top of bedrock. The saturated thickness above bedrock is therefore approximately 1 to 6 feet. According to the GSRs (ERM, 2004) no free product was observed in MW-8 or MW-9.

The groundwater samples from MW-8 and MW-9 were analyzed for VOCs, SVOCs, metals and PCBs. Several VOCs were detected above Class GA standards:

- benzene (MW-9)
- n-butylbenzene (MW-9)
- sec-butylbenzene (MW-9)
- 1,1-dichloroethane (MW-8, MW-9)
- cis-1,2-dichloroethene (DCE) (MW-8, MW-9)
- trans-1,2-DCE (MW-8, MW-9)
- toluene (MW-8, MW-9)
- TCE (MW-8, MW-9)
- 1,2,4-trimethylbenzene (MW-9)
- vinyl chloride (MW-8, MW-9)

No SVOCs were detected in the groundwater samples.

Metals detected above Class GA standards included chromium, iron, manganese, sodium, lead, and zinc for sample MW-9. Sample MW-10 contained only iron and manganese above Class GA standards. Cyanide was also detected above standards in samples MW-8 and MW-9.

PCBs were detected above Class GA standards in MW-9. No PCBs were detected in sample MW-8.

e. **Former UST Area (Tank Farm).** Six soil borings (B-2/MW-7, B-3, B-4, B-5, B-6, and B-7/MW-6) were drilled, and two groundwater monitoring wells (MW-6 and MW-7) were installed in this area. Field FID readings for soils from these borings were non-detect to only marginally above background, ranging from 0 ppm to 5.2 ppm. Bedrock was encountered between 5.5 feet bgs and 15.8 feet bgs.

Six soil samples were analyzed for VOCs, PAHs, and metals.

TCE was the only VOC detected above TAGM RSCOs, in two samples (from borings B-2 and B-4). No PAHs were detected in any of the six soil samples.

The metals cadmium, chromium, copper, iron, nickel, and zinc were detected above TAGM RSCOs.

PCBs were analyzed in samples from borings B-4 and B-7. None were detected.

The depth to groundwater in wells MW-6 and MW-7 was 12.83 feet and 14.18 feet below top of casing, respectively, prior to groundwater sample collection. The total depth of each well is 13.35 feet and 15.05 feet below top of casing, respectively, corresponding to top of bedrock. The saturated thickness above bedrock is therefore less than one foot.

GSRs indicate no free product in MW-6 or MW-7 (ERM, 2004). The groundwater samples from MW-6 and MW-7 were analyzed for VOCs, SVOCs, metals and PCBs. Several VOCs were detected above Class GA standards:

- cis-1,2 DCE (MW-7)

- trans-1,2 DCE (MW-7)
- TCE (MW-6, MW-7)
- Vinyl chloride (MW-7)

No SVOCs were detected in either groundwater sample.

Iron, manganese, and sodium were detected above Class GA standards in both groundwater samples. Silver was detected above standards in sample MW-7.

No PCBs were detected in either groundwater sample.

f. Former Drum Storage Area. Five soil borings (B-13, B-14, B-15, B-16/MW-10, and B-17) were drilled and one groundwater monitoring well (MW-10) was installed in this area. Field FID readings indicated detectable compounds at only one of the soil boring locations, B-16/MW-10 (122 ppm maximum). Bedrock was encountered in the borings between 7 and 14 feet bgs.

Five soil samples were analyzed for VOCs, PAHs, and metals.

No VOCs or PAHs were present in soil samples above TAGM RSCOs. The metals beryllium, chromium, iron, nickel, and zinc were detected above RSCOs.

The depth to groundwater at MW-10 was 7.8 feet below top of casing. The total depth of the well is 15.26 feet, corresponding to top of bedrock. The saturated thickness above bedrock is therefore approximately 7 ½ feet. No free product is noted in the GSR for MW-10 (ERM, 2004).

Groundwater samples collected from MW-10 were analyzed for VOCs, SVOCs, metals, and PCBs. TCE; cis-1,2DCE; and 1,1,1-trichloroethane were detected above Class GA standards. No SVOCs were detected. Iron and manganese were the only two metals detected above Class GA standards. No PCBs were detected.

g. Waste Disposal Area. This area was the subject of a test pitting program to reveal the nature of buried waste and fill material. Twenty-three test pits were dug across this site area, from which eleven soil/fill samples were collected for laboratory analysis.

Bedrock in the disposal area ranged from ground-surface outcrops to approximately 8 feet bgs. Miscellaneous construction debris, slag, tile, ash, bricks, and metal scraps were reportedly observed in the test pits. Crushed 55-gallon drums and 5-gallon pails were also noted (ERM, 2004).

The analysis of eleven soil/fill samples (TP-11, -12, -14, -16 through –23) taken from the test pits indicates only two samples, from TP-11 and TP-14, that contained VOCs (toluene, xylenes, trimethylbenzene, n-propylbenzene, and TCE) above TAGM RSCOs. PAHs were analyzed in only one sample (TP-11) and were not detected.

Metals analysis completed on five test pit samples (TP-11, -20, -21, -22, -23) indicates arsenic, beryllium, chromium, copper, iron, nickel, and zinc are present in the fill above TAGM RSCOs.

h. Contaminant Migration. Samples were also collected from areas outside the above source areas, to determine the potential for contaminant migration.

This sampling effort focused primarily on areas that have the capacity to transport contmainats away from the source areas, including the storm drain system, the shallow groundwater discharge (seep), the small stream, and the water reservoir (see Figure 1-3).

- **Storm Drain**. Three monitoring wells (MW-7, -11, -14) are located adjacent to the storm drain system. The depth to groundwater in monitoring wells MW-7, -11, and –14 ranged from 9 to 14 feet bgs at the time samples were collected, which is likely to be several feet below the bottom of the storm drain. Thus, groundwater data not likely to indicate whether the storm drain receives and transports site related contaminants. However, a water sample was collected at the storm sewer outfall (SSOF), providing an indication of water quality within the storm sewer. Analysis of water sample SSOF indicated only the naturally occurring metals iron, manganese, and sodium were present above NYS water quality standards.

- **Groundwater Discharge**. A wet area west of the western parking lot may represent a shallow site groundwater discharge area, or "seep". If this area is, in fact, a local groundwater discharge zone, contaminants that are transported

by groundwater may be evident in seep water and sediment in this site area, west of the facility. Two sediment samples (SEP1 and SEP2) and two seep water samples (SEP1 and SEP2) were collected from this area. No VOCs, PAHs, or PCBs were detected in sediment samples SEP1 and SEP2. Metals detected in sediment above TAGM RSCOs include beryllium, chromium, iron, nickel, and zinc. For the two seep water samples, TCE and cis-1,2DCE were the only VOCs detected above water quality standards, in water sample SEP1. No SVOCs or PCBs were detected in either water sample. Several metals, including aluminum, barium, chromium, copper, iron, magnesium, manganese, sodium, nickel, and lead were present above water quality standards.

- **Small Stream.** Three surface water samples (STR1, STR2, STR3) were collected from the small stream southwest of the facility. The three water samples were analyzed for VOCs, SVOCs, metals, and PCBs. No SVOCs or PCBs were detected, and only traces of VOCs and metals were present. Only a single parameter, sodium, was detected above water quality standards.

- **Water Reservoir.** A water sample was collected from the reservoir and analyzed for volatile organic compounds. The results of the analysis indicated fairly low levels of compounds that are not uncommon in drinking water supplies, including chloroform (6.46 ppb), bromochloromethane (3.15 ppb), and dibromochloromethane (1.07 ppb). These compounds may be created during the chlorination process by a variety of reactions. For example, when chlorine is added to water, it produces hypochlorous acid, which may react with naturally occurring organic acids (humic and fulvic acids) producing chloroform. Hypochlorous acid may also oxidize bromide ions present in water, which can lead to the formation of compounds such as dibromochlormethane. The data indicate the water in the tank has not been affected by site operations. Chlorination byproducts are present in the water.

2.4.3 SOURCE INVESTIGATION SUMMARY

The Source Investigation provided further characterization of seven (7) specific potential source areas of the site. The following matrix shows the analytical parameters that

exceeded recommended soil cleanup criteria or groundwater quality standards for each potential source area.

Potential Source Area	Metals Above Soil TAGM 4046 RSCOs	Organics Above TAGM 4046 RSCOs	Metals Above Groundwater Standards	Organics Above Groundwater Standards
Former Chip Disposal Room	beryllium, chromium, nickel, zinc	None	iron, manganese, sodium	trichloroethene, n-butylbenzene, sec-butylbenzene
Boiler Room	beryllium, chromium, copper iron, nickel, zinc	None	Not analyzed	Not analyzed
Former Wash Area	beryllium chromium, iron, nickel, zinc	1,1-dichloroethane	arsenic, chromium, iron, manganese, sodium, lead	None
Former Heat Treating/ Plating	arsenic, beryllium, cadmium, chromium, copper, iron, nickel, zinc	trichloroethene, vinyl chloride	chromium, iron, manganese, sodium, lead, zinc	Benzene, toluene, 1,2,4-trimethylbenzene, n-butylbenzene, sec-butylbenzene, 1,1dichloroethane, dichloroethene, trichloroethene, vinyl chloride PCBs
Former UST Area	cadmium, chromium, copper, iron, nickel, zinc	trichloroethene	iron, manganese, sodium	trichloroethene, dichloroethene, vinyl chloride
Former Drum Storage	Beryllium, chromium, iron, nickel, zinc	None	iron, manganese	trichloroethene, dichloroethene, 1,1,1-trichloroethane
Former Waste Disposal	arsenic, beryllium, chromium, copper, iron, nickel, zinc	trichloroethene, xylenes, toluene,	Not analyzed	Not analyzed

Analytical results for areas which may transport site contaminants are as follows:

Potential Receptor/ Transport Medium	Metals Above Soil TAGM 4046 RSCOs	Organics Above TAGM 4046 RSCOs	Metals Above Groundwater Standards	Organics Above Groundwater Standards
Storm Drain	Not analyzed	Not analyzed	iron, manganese sodium	None
Groundwater Discharge Area	beryllium, chromium, iron, nickel, zinc	None	aluminum, barium, chromium, copper, iron, magnesium, manganese, sodium, nickel, and lead	trichloroethene, dichloroethene
Small Stream	Not analyzed	Not analyzed	sodium	None
Water Reservoir	Not analyzed	Not analyzed	Not analyzed	chloroform, bromochloromethane dibromochloromethane

2.5 SUPPLEMENTAL BEDROCK INVESTIGATION, MARCH 2004

Bedrock monitoring wells were installed and sampled in March 2004, as a follow up to the Source Investigation, in order to determine whether the previously identified source areas had affected bedrock groundwater quality.

Four bedrock wells were installed in two areas of the site, along the western (downgradient) edge of the parking area (Figure 2-1). A shallow bedrock well was paired with a deep bedrock well in each of the two site areas, to evaluate shallow and deep bedrock groundwater quality.

The shallow bedrock wells were installed using 4-inch inside diameter steel casing that was grouted approximately 5 feet into bedrock. The deeper bedrock monitoring wells were completed next to each shallow well using 4-inch inside diameter steel casing that was grouted into bedrock approximately two feet below the bottom of the adjacent shallow wells. Both the shallow and deep wells were completed naturally in the bedrock at the termination depths. The shallow bedrock wells BRW-1S and –2S were completed at 34 feet bgs and 40 feet bgs, respectively, and the deep bedrock wells BRW-1D and –2D were completed at 109 feet bgs and 110 feet bgs, respectively. Rock well boring logs are included as Exhibit 1 of this Work Plan.

Each of the four bedrock wells was sampled after installation using disposable bailers. The groundwater samples were analyzed for TCL VOCs and RCRA 8 metals. Analytical results are included on Table 2-9.

Based on descriptions provided in the soil boring logs, fracturing was observed in rock core samples that were retrieved from the borings during drilling operations. As noted in the *Supplemental Investigation Report* (ERM April 2004), groundwater flow within fractured bedrock is difficult to define and is significantly influenced by the presence or absence of vertical joints in relation to horizontal bedding plane fracture distributions. The report further indicates that bedrock groundwater probably flows laterally to be the southwest, based on the direction of bedding plane dip, and that vertical flow is controlled primarily by tectonic fracture sets. As previously noted in Section 1.4, vertical fracture sets may be limited, as evidenced by arrest lines observed in homogeneous shales of the region (Engelder et al, 1987), thereby limiting vertical groundwater flow.

Groundwater analysis results indicate the presence of VOCs in the samples collected from the bedrock wells. However, two of the wells – BRW-1D and BRW-2S – contained the VOCs acetone, benzene, and 2-butanone, which were generally not detected in twenty shallow groundwater samples that were previously analyzed (see Table 2-6). Acetone and benzene were each detected in only one of the twenty analyzed shallow groundwater samples (22.1 ppb acetone at MW-7, and 7.15 ppb benzene at MW-9), and 2-butanone was not detected in any of the shallow groundwater samples. The general absence of these three highly volatile compounds in the shallow overburden groundwater casts considerable doubt that they are truly present in bedrock groundwater. Excluding these three compounds, the total VOC concentration for wells BRW-1D and BRW-2S are 15.06 ppb and 5.75 ppb, respectively.

Some of the dissolved chlorinated organic compounds that were detected in shallow overburden groundwater samples were also detected in the bedrock groundwater samples. In a non-aqueous form (i.e. "DNAPL"), chlorinated compounds are denser than water, but in dissolved form chlorinated compounds will travel in the same direction as groundwater. Site investigation data do not indicate evidence of DNAPL at the site, and based on groundwater level measurements, there is no apparent downward gradient to account for the VOCs detected in the bedrock wells. For example, the depth to water in monitoring well MW-11 was reported to be 10.98 feet (ERS, March 2004), and less than 100 feet away the depth to groundwater in well BRW-1S was reported to be 9.14 feet (ERS, April 2004). It is not clear how dissolved phase contamination could have migrated downward 30 feet into bedrock in the absence of an observable downward gradient.

Site observations indicate the shallow overburden is permeable enough to allow groundwater to migrate across the site and discharge to the visible seep area. This localized discharge will tend to maintain a low hydraulic head in the shallow overburden groundwater zone, which calls into question whether there could be enough hydraulic head to drive groundwater flow vertically downward into the shale. In addition, unless a network of interconnected vertical fractures was present, there would be little opportunity for dissolved phase contaminants to penetrate into bedrock.

The following section assesses available data, and identifies additional data needs to address this observation, and other identified data gaps.

2.6 DATA ASSESSMENT AND NEEDS

The existing soil and groundwater data can be used to define the principal contaminant source areas from among the potential areas that were previously identified. Specifically, the data support that impacted soils in the former heat treating/9,000 gallon UST area, and in the former UST area near the loading dock, are the principal source of groundwater impacts at the site. Although groundwater impacts are evident in the former chip disposal room, former wash room, and the former drum disposal area, there do not appear to be discrete source areas of soil contamination in these two areas, particularly with respect to VOCs.

2.6.1 SOIL DATA

Figure 2-2 indicates the specific parameters detected above TAGM 4046 RSCOs for each of the soil samples collected during the Phase II ESA and the Source Investigation. The analytical results for 51 soil sample locations are represented. From the figure, it is apparent that organic compounds were detected above TAGM RSCOs at very few locations. Specifically only 10 samples contained organic compounds – including TCE, vinyl chloride, toluene, xylenes, MTBE, benzo(a)pyrene, and benzo(a)anthracene – above TAGM RSCOs.

The following indicates the total number of soil samples represented on Figure 2-2 within each potential source area, and the number of samples that contained organic compounds above RSCOs:

Potential Source Area	Number of Soil Samples Collected	Number of Samples Containing VOCs Above TAGM RSCOs
Former Chip Disposal Area	4	0
Former UST Area	8	2
Former Wash Room	2	0
Boiler Room	1	0
Former Heat Treating/ Plating Areas	15	4
Former Drum Storage	7	1

Former Waste Disposal	10	3
Other Areas	4	0
Totals	51	10

Metals, which are naturally ubiquitous in soils, are detected frequently in site soil samples above TAGM RSCOs. Chromium, iron, nickel, and zinc were detected above RSCOs at virtually every soil sample location across the site, which suggests their presence is unrelated to former site operations in specific areas. Beryllium was also detected above RSCOS in the vast majority of soil samples.

Other metals detected above RSCOS were arsenic (6 locations), cadmium (2 locations), and copper (10 locations). Because arsenic and cadmium were detected above RSCOS in scattered, isolated site areas, fairly infrequently, they are not believed to be associated with specific site activities. Copper, however, was detected above RSCOs in seven of the 14 soil samples from the former heat treating and plating area, which suggests it is associated with former operations that took place in this area. Moreover, only three other samples from other site areas contained copper above RSCOs, which indicates that copper impacts in this specific site area do not affect other parts of the site.

2.6.2 GROUNDWATER DATA

The principal groundwater contaminants for this site, detected most frequently and at the highest concentrations, are trichloroethene (TCE) and cis-1,2-dichloroethene (DCE). Groundwater analytical data for TCE and DCE are presented on Figures 2-3 and 2-4 as isoconcentration contours. The data indicate two principal areas of groundwater impact, associated with the former Heat Treating/Plating area, and the former UST area. The data indicate that there are no significant contaminant source areas downgradient of the main facility building. For example, groundwater VOC impacts in the former drum disposal area, downgradient of the former Heat/Treating/Plating source area, are up to two orders of magnitude lower than groundwater in the Heat Treating/Plating area. In addition, soil analytical data for the former drum disposal indicate VOCs are below TAGM RSCOs, which suggests the groundwater impacts in the drum disposal area are derived from an upgradient source as opposed to local soils.

The same pattern is evident in the former chip disposal and wash room areas. The dissolved VOC concentrations in groundwater samples collected from the former chip disposal room and the former wash room areas are an order of magnitude lower than groundwater samples from the heat treating/plating and UST source areas. Soil samples from these two areas did not contain organic compounds above RSCOs, and it therefore follows that these two areas are not significant sources of groundwater contamination.

As previously noted, the soil and groundwater data indicate that the former heat treating/plating facility, and the former UST area near the loading dock, are the principal source areas for the dissolved groundwater impacts at the site. Soil samples from the boiler room, former chip disposal room, former wash room, and former drum storage areas do not contain VOCs above RSCOs. Dissolved VOCs in groundwater from these areas represent the fringe of groundwater impacts derived from the two principal contaminant source areas.

Figures 2-3 and 2-4 also illustrate the degree of attenuation of contaminant levels with distance from the source areas. An attenuation pattern is clearly evident; TCE levels decline by a factor of approximately 50, and DCE levels decline by a factor of approximately 100, within approximately 400 feet of the source areas.

2.6.3 FATE AND TRANSPORT OF CONTAMINANTS

The principal contaminant source areas are impacted subsurface soils near the former heat treating/plating operation and former UST area, respectively. Identified contaminants include chlorinated VOCs and trace metals. The fate and transport of these constituents are a function of biological and chemical processes that may cause them to volatilize, dissolve, and otherwise degrade.

Analytical data from the previously identified site receptors provides a convenient and reliable assessment of the transport potential and fate for site-related contaminants.

a. Groundwater Transport. As previously noted, VOC plumes are apparent downgradient of each of the identified contaminant source areas. Chlorinated organic compounds in each of the contaminant source areas (i.e. TCE and cis-1,2 DCE) are contaminants of potential concern (COPCs). These two compounds are detected most frequently and at the highest concentrations in groundwater samples taken at the site.

Existing groundwater data suggest that other potential contaminants in the source areas are relatively immobile.

As indicated above, the decline of dissolved concentrations with distance from the contaminant sources is evidence that TCE and DCE are being degraded along the groundwater flow path. Within a few hundred feet of the source areas, dissolved contaminant concentrations decline by more than 90 percent. It is further noted that DCE is a known degradation by product of TCE, which suggests that the detection of DCE in groundwater may be a consequence of natural degradation. Although some of the dissolved DCE in groundwater may be derived from the contaminant source areas, it is noted that cis-1,2 DCE was detected in only 6 of 35 soil samples analyzed, and trans-1,2 DCE was detected in only 2 of 41 soil samples. In contrast, TCE was detected in 22 of 41 soil samples analyzed. This suggests that the DCE groundwater plume may be a result of degradation of TCE, as opposed to dissolution of DCE from the contaminant source areas. The presence of a groundwater seep northwest of the parking lot area may indicate that groundwater discharge occurs in this site area. Similar discharge zones are evident as small ponds and streams that emanate at various locations along the northwest slope of South Hill (see Figure 1-1).

The majority of groundwater data for the site are for shallow overburden groundwater. As previously noted, bedrock occurs less than 10 feet from ground surface across much of the site. A Supplemental Investigation (ERM, April 2004) was completed to evaluate potential groundwater impacts and transport within the upper bedrock aquifer. As discussed in Section 1.3, area bedrock consists of Ithaca formation siltstone and shale. The upper surface of bedrock is weathered, as evidenced by the fact that hollow stem augers penetrated it during the soil boring program, without the need for rock coring. Bedrock cores from the Supplemental Investigation, which penetrated almost 100 feet into bedrock, indicated localized fractures. However, the ability of these fractures to transmit water is limited unless the fractures are substantially interconnected.

Groundwater samples that were collected from four bedrock monitoring wells at the site indicate a detectable but limited presence of VOCs in bedrock groundwater. As previously discussed, it is believed that detections of acetone, benzene and 2-butanone in the bedrock groundwater samples may not truly reflect bedrock groundwater quality, as these three compounds are highly volatile and degradable, and were generally not present in overburden groundwater.

Groundwater samples from the two shallow bedrock wells (BRW-1S and BRW-2S) contained higher levels of dissolved VOCs than their deeper counterparts (BRW-1D and BRW-2D, respectively). The measured depth to water in the shallow and deep bedrock well pairs, measured prior to sample collection, are indicated below:

Well I.D.	Well Depth (ft)	Depth to Water (ft)
BRW-1S	34	9.14
BRW-1D	109	103.26
BRW-2S	40	39.25
BRW-2D	110	72.28

The substantial vertical gradient between the shallow and deep pairs is immediately apparent. This suggests there is very little hydraulic communication vertically, indicating a general lack of vertical fractures that could transmit groundwater from shallow to deep. This is consistent with observations of tectonic arrest lines in shale outcrops across the area (Engelder et al, 1987 – see Section 1.4). There is also a substantial difference in water elevations between the two shallow wells and the two deep wells, which were complete at similar depths. The hydraulic head at BRW-1S is approximately 30 feet greater than at BRW-2S, and the hydraulic head at BRW-1D is approximately 31 feet lower than at BRW-2D. The disparity of hydraulic head, both vertically and horizontally, and within a fairly small portion of the bedrock aquifer (~300 horizontal feet and ~ 100 vertical feet) indicates the fractures that provide water to each of the wells are apparently not interconnected. If water were able to flow freely within fractures that connected the wells, hydraulic head would eventually reach a greater degree of equilibrium.

The hydraulic evidence indicates the observed fractures in the rock cores do not reflect an interconnected network of fractures that can transmit groundwater flow. This raises doubts as to whether the detected VOCs in the bedrock wells accurately represent bedrock groundwater quality, or whether it is a vestige of the drilling or sampling methods which may have dragged shallow contamination into the deeper groundwater zone. Because existing data do not indicate any evidence of DNAPL, it is not likely that dissolved phase contaminants could substantially penetrate deep into the underlying bedrock groundwater zone.

It is possible that groundwater migration and contaminant transport may occur in the upper weather bedrock zone, within the upper 5 to 10 feet of bedrock immediately below the overburden. The upper few feet of bedrock in the Ithaca area, as viewed in local road cuts and gorges, is often found to be fractured enough to transmit groundwater. This potential groundwater zone will be investigated at the site as part of the RI.

b. Surface Runoff Transport. The potential for site contaminants to be transported by surface runoff can be evaluated based on data from the principal on-site surface water receptors, which include the storm sewer and the small creek. Analytical data for water samples from these receptors do not indicate any evidence of impact, and accordingly there is no evidence of contaminant transport by these receptors.

A water sample collected from the storm sewer outfall west of the parking lot area (SSOF) did not contain any VOCs above NYS water quality standards. The only constituents above standards at the sewer outfall were the naturally occurring metals iron, manganese, and sodium. This data indicates that the sewer does not receive or convey surface runoff contaminated by the source areas.

Three surface water samples collected from the small creek likewise did not contain contaminants above water quality standards. The only constituent detected above standards was sodium.

c. Vapor Phase Transport. Vapors emanating from subsurface volatile organic contaminants can accumulate in the vadose zone and potentially migrate. VOC soil vapors can originate directly from a contaminated soil source area, or they can emanate from contaminated groundwater that has carried dissolved VOCs away from the source. Once volatilized from contaminated soil or groundwater, vapor migration is driven by diffusion gradients, until the vapors encounter convective pressure gradients near building foundations. These convective forces can potentially draw vapors into adjacent buildings.

Contaminated soil and groundwater both exist at the site, in close proximity to the inhabited site building. Therefore, it is plausible that contaminants could volatilize from both soil and groundwater, and localized vapor migration could potentially intrude the existing site building. There are no off site buildings within several hundred feet in any direction of the on-site source areas. In addition, there are no buildings within

approximately ½ mile downgradient (i.e. in the groundwater flow direction) of the source areas. The lack of off-site buildings adjacent to the site reduces (although does not completely eliminate) the possibility of soil vapor intrusion into off site buildings.

2.6.4 ADDITIONAL DATA NEEDS

The existing dataset supports a comprehensive assessment of the nature and extent of impact at the site. Impacts are defined in accordance with Brownfield Cleanup Program (BCP) guidance, in terms of source areas of contamination, and the media (e.g. soil, groundwater) that are affected by the identified potential source areas.

Per BCP guidance, source areas are portions of a site where highly contaminated media exist, which have the potential to release significant contaminants to the environment. Highly contaminated media may include:

- Free product (non-aqueous phase liquid) in soil or groundwater
- Concentrated solid or semi-hazardous substances
- Grossly contaminated soil or sediment (i.e. where free or residual product is apparent)

Dissolved phase groundwater contamination, in some cases with a visible sheen and odors, is evident at the site. However, there do not appear to be significant amounts of free product (NAPL) at the site. This is consistent with visual observations recorded in the GSRs. Aside from monitoring well MW-12, the GSRs provided in the ERM report do not indicate the presence of visible free product in any of the monitoring wells sampled.

Concentrated substances may exist in the former disposal area, west of the small stream, as evidenced by the relatively high concentrations of organic compounds detected in soil boring and test pit soil samples. This area has already been investigated by previous test pits and soil boring programs. Further site investigation will focus mainly on the area downgradient of the former disposal area, between the disposal area and the small stream, but some additional sampling within the disposal area will also be conducted. An appropriate remedial strategy for the disposal area will be developed and presented in the Remedial Action Work Plan for the site, based on previous sampling data and additional data generated by this Remedial Investigation.

East of the stream, in the main facility area, soil impacts identified in the heat treating/plating area and the former UST area are the primary source areas for contamination. Further remedial investigation will focus on areas downgradient of these potential contaminant source areas.

A focused soil vapor survey will also be completed to assess the potential for soil vapor migration.

a. Source Area Characterization. Prior sampling and analysis efforts have provided a thorough characterization of discrete contaminant source areas at the site. Compared to other site areas, relatively few samples were analyzed from the former disposal area Test pits will be dug in the former disposal area, and samples will be collected for laboratory analysis.

b. Groundwater. Groundwater is the primary affected medium at the site outside of the specific identified source areas. There are two shallow groundwater zones at the site: a thin saturated zone in the overburden immediately above shale bedrock, and the upper shale bedrock zone.

Fifteen monitoring wells have adequately characterized overburden groundwater impacts within and adjacent to the specific source areas east of the small stream. A groundwater seep northwest of the parking lots may represent the local groundwater discharge area, at which shallow site groundwater emerges at the ground surface. Whether this area represents the downgradient limits shallow groundwater migration depends on how much groundwater transport occurs in the upper bedrock zone, and whether shallow bedrock groundwater also discharges to the ground surface at the seep. Additional shallow overburden and shallow bedrock groundwater monitoring wells are proposed in the seep area and at the property line to confirm the downgradient limits of the groundwater impact.

The small stream that separates the main facility area from the former waste disposal area is a shallow groundwater flow barrier. Potential groundwater impacts downgradient (north) of the disposal area should also be investigated. Because the northern portion of the former disposal area has less than 5 feet of overburden over bedrock, shallow bedrock

monitoring wells are proposed at the downgradient property line north of the disposal area.

Limited data for bedrock groundwater quality east of the small stream indicates the presence of dissolved phase VOCs in bedrock groundwater. However, hydraulic data from the wells suggests that there are unlikely to be interconnected fractures to transport contaminants in bedrock. Additional bedrock wells are proposed immediately downgradient of the contaminant source areas to further substantiate bedrock groundwater quality and flow hydraulics. In addition, a shallow bedrock well is proposed at the downgradient property line west of the parking area.

c. Surface Soils. Surface soils are the medium with which site occupants have the greatest potential to come into direct contact. Surface soil samples need to be collected in order to complete a human health exposure assessment for the site. This assessment will include groundwater and subsurface soils as well as surface soils.

d. Soil Vapor and Indoor Air. As previously discussed, soil vapor intrusion of buildings is a potential issue for the existing site facility, which is situated immediately adjacent to the defined source areas. There are a number of site factors that reduce the potential for vapor intrusion to off site buildings:

- There are no off-site buildings within several hundred feet in any direction from the contaminant source areas;
- There are no off-site buildings within ½ mile downgradient of the contaminant source areas;
- The on-site building footprint is close to, and substantially larger than, the contaminant source area. Therefore, the convective pressure gradients associated with the building will dominate vapor migration near the source areas, thereby impeding vapor migration away from the building. The relatively modest diffusion gradients or pressure gradients associated with smaller buildings farther away from the site are not expected to exert any influence over local vapor migration;
- Attenuation of VOCs in groundwater downgradient of the source area, in combination with hydraulic barriers posed by surface water bodies and seeps, restrict soil vapor movement.

The remedial approach for the site will include, at a minimum, the remediation of specific source areas and installation of a sub-slab venting system in the existing and any future inhabited site buildings. A sub-slab venting system will be installed in the existing building as an Interim Remedial Measure (IRM), to mitigate any future effects of on-site vapor intrusion. An IRM Work Plan will be prepared during the RI, which will propose a sub-slab sampling program to support the design of the sub-slab ventilation system.

In addition to the sub-slab sampling to be conducted as part of the IRM, three (3) indoor air samples will be collected as part of the RI. The 3 indoor air samples will be collected from the lowest level of the existing site building. This will verify the current exposure potential inside the building, and provide a basis for showing the effectiveness of the sub-slab system that is installed as an IRM.

To substantiate that off site vapor migration is not an issue, in particular near a sanitary sewer line that exits the north property boundary, a soil vapor sampling program is also proposed at the site boundary and along the sewer. Eight (8) soil vapor samples will be collected at the site, along the site boundary and the sewer line, for this purpose.

The soil vapor and indoor air sampling will be conducted in accordance with the NYSDOH *Guidance for Evaluating Soil vapor Intrusion in the State of New York* (February 2005).

e. Sanitary Sewer Evaluation. In addition to the soil vapor sampling proposed along the sewer line, samples of soil and/or bedding material will be collected along the sewer line, and analyzed to evaluate potential contaminant migration along the sewer bedding. Three (3) samples of sewer bedding material will be collected alonf the sewer line, including one sample near the former heat treating/plating area, one along the north site boundary where the sewer exists the site, and one between two sewer laterals, approximately midway between the other two samples.

SECTION 3 - REMEDIAL INVESTIGATION APPROACH

3.1 - SOIL BORINGS / GROUNDWATER INVESTIGATION

The presumed groundwater discharge area, where shallow groundwater emerges at the ground surface, and the small stream west of the parking area, are thought to limit the lateral extent of the shallow groundwater plume east of the stream. A combination of overburden and shallow bedrock monitoring wells are proposed to verify the downgradient limits of the shallow groundwater plume, and to determine the groundwater flow hydraulics between overburden and bedrock that govern contaminant transport.

3.1.1 - OVERBURDEN MONITORING WELLS

The proposed overburden monitoring wells will be installed in borings drilled by 4¼-inch hollow-stem augers, at the seven (7) locations indicated on Figure 3-1. Soil samples will be collected continuously during drilling using 2-inch inside diameter split spoon samplers. A hydrogeologist will record soil characteristics in a soil boring log, including descriptions of soil color, moisture content, grain size, and photoionization detector (PID) readings.

Shallow overburden monitoring wells will be completed in borings that are advanced to the top of bedrock, based on auger refusal depth. The shallow wells will be constructed of 10 feet of 2-inch diameter 0.01 inch slotted PVC screen to straddle the water table. If the saturated thickness above bedrock is estimated to be less than 4 feet, the well screen will be 5 feet long. Each well will be completed with a sand filter pack, bentonite seal, and a bolt-down protective cover cemented in place at ground surface. Following well completion, each monitoring well will be developed by a combination of bailing and surging, to reduce suspended sediments (i.e. turbidity). A minimum of ten (10) volumes of water will be bailed from each well. Periodically during the bailing process, the bailer will be raised and lowered to mechanically surge the wells, to force water in and out of the well screen.

3.1.2 - BEDROCK MONITORING WELLS

A total of six (6) shallow bedrock monitoring wells will be installed (Figure 3-1).

The bedrock wells will be installed by spinning 4 inch inside diameter iron casing through the overburden, to a depth of approximately 7 feet into the upper weathered bedrock zone, at which point the boring will be terminated. A two inch diameter PVC monitoring well will be installed in the completed boring as the casing is removed. Each bedrock well will have 2 feet of 0.01 inch slot screen. The well construction will include a sand filter pack extending from the bottom of the boring to two feet above the well screen, such that the top of the sand pack is three feet below the top of bedrock. A three foot bentonite seal will be placed on the top of the sand pack, such that the top of the bentonite will correspond to the top of the bedrock. The remaining space will be backfilled with a Portland cement grout.

A SWRNA hydrogeologist will examine the core runs that are retrieved from the bedrock borings for evidence of fracturing. Descriptions of rock type and fracturing will be recorded in subsurface boring logs, including rock quality designations (RQDs).

Following completion, the bedrock wells will be developed to reduce suspended sediments (i.e. turbidity) by the same bailing and surging process described above.

One shallow bedrock monitoring well will be installed immediately west/northwest (presumed downgradient) of each of the two principal contaminant source areas (i.e. former UST and plating areas), to evaluate the possibility of impact to bedrock groundwater where it would be most likely to occur. Two additional shallow bedrock monitoring wells will be installed adjacent to the seep area, west of the parking lot, and each one will be paired with an overburden monitoring well, to determine whether hydraulic gradients indicate the seep is a groundwater discharge area.

West of the small stream, at the eastern edge of the fill area, two additional shallow bedrock monitoring wells will be installed to determine whether there are groundwater impacts associated with the waste disposal area.

3.1.3 - GROUNDWATER SAMPLING APPROACH

One round of groundwater samples will be collected from proposed and existing monitoring wells, plus a field duplicate sample, and a matrix spike/matrix spike duplicate (MS/MSD), and will be analyzed for VOCs by USEPA method 8260, and TAL metals by methods 6010/7470/7471, plus cyanide.

In addition to VOC analysis for contaminant characterization, groundwater samples will be analyzed for a suite of parameters to characterize the oxidation chemistry of site groundwater, in order to assist in the evaluation of possible remediation scenarios involving in-situ chemical oxidation. These additional parameters will include chemical oxygen demand (COD), total organic carbon (TOC), plus field parameters (pH, Eh, dissolved oxygen, conductance, and temperature).

Groundwater samples will be collected a minimum of two weeks after installation and development of the proposed wells. Prior to sample collection, the depth to water will be recorded in the newly installed monitoring wells, so that shallow and bedrock groundwater contour maps may be prepared for the sampling event. The depth to water will also be measured in existing site monitoring wells, for use in preparing groundwater contour maps, if it is determined that the existing wells are useable.

Groundwater samples will be collected from the newly installed wells using a low-flow methodology for purging and sampling, in accordance with the procedures set forth in the QAPP (Appendix A).

3.1.4 HYDRAULIC CONDUCTIVITY TESTS

In-situ hydraulic conductivity tests (i.e. "slug" tests) will be conducted in the overburden and bedrock wells installed during the RI. The tests will be performed as rising head tests, in which a bailer-full of water is rapidly evacuated from each well, and then allowed to recover.

Pressure transducers will be placed in each well before the start of each test, and a bailer will then be lowered into the water table. The initial (static) water level will be recorded, and then the bailer will be withdrawn. The pressure transducers will record the rate of rise back to static levels. The data recorded by the transducers will be evaluated using *Aquifer Test* software (Waterloo Hydrogeologic), to determine the hydraulic conductivity of the overburden and bedrock aquifers, respectively. The input data that are used for this software will be provided to NYSDEC, along with the results that are calculated by the software. Hydraulic conductivity data will be used along with estimates of soil porosity and the measured hydraulic gradient to estimate the groundwater seepage velocity.

3.1.5 SOIL BORINGS

Four (4) additional soil borings will be drilled by direct push methods to provide subsurface soil samples in two areas of the site: (1) in the northwest portion of the site adjacent to the parking area west of the former main plant, and (2) in the southern portion of the site between the lower parking area and the small stream. Although contaminant sources are not expected in either of these two areas, borings are proposed because neither of these specific areas has been investigated.

Continuous soil samples will be collected down to bedrock, and examined in the field by a SWRNA hydrogeologist. One soil sample will be collected from each boring and submitted for laboratory analysis for VOCs by USEPA method 8260, PAHs by USEPA method 8270, PCBs by USEPA method 8082, and TAL metals by methods 6010/7470/7471, plus cyanide.

In addition, two (2) soil samples will be collected from shallow borings drilled adjacent to the sanitary sewer line, where two soil vapor wells are proposed (see Section 3.4.1 below). These samples will be collected to evaluate the soil and/or bedding material along the sewer line. The existing manholes will be used to determine the location of the sewer line and to determine the sewer's depth. The objective will be to drill the borings into the soil/bedding material adjacent to the sewer line, as best as can be determined by observing the manholes and apparent orientation of the sewer. These borings will penetrate no more than 2 feet below the top elevation of the sewer line. A sample of soil/bedding material will be taken from the bottom of the borings, and analyzed for VOCs by USEPA method 8260, PAHs by USEPA method 8270, PCBs by USEPA method 8082, and TAL metals by methods 6010/7470/7471, plus cyanide.

3.1.6 CONTINGENCY SOIL BORINGS/MONITORING WELLS

The scope of the soil boring/groundwater investigation program is directed at providing data that will verify the downgradient limits of the groundwater impact from the identified source areas. Special attention is given to the property boundaries downgradient of the contaminant sources, to substantiate whether off site migration of

groundwater impacts is a possibility, and also to verify the degree of attenuation that occurs between the source areas and the downgradient site boundary.

Although the scope of work described above provides specific locations for monitoring well installation, overburden soil boring/monitoring well locations may be added or otherwise adjusted during the course of work, as warranted to define the limits of impact. For general planning purposes, SWRNA will be prepared to advance an additional five (5) contingency overburden soil borings if field observations indicate that such borings/monitoring wells are necessary to delineate impacts.

3.2 - SURFACE SOIL SAMPLING

Surface soil samples will be collected from five (5) locations in proximity to site building entrances and walkways, to evaluate potential direct contact exposure issues associated with surface soil contamination. These soil samples will be collected in accordance with methods provided in the QAPP (Appendix A).

The five surface soil samples will be analyzed for VOCs by USEPA method 8260, PAHs by USEPA method 8270, PCBs by USEPA method 8082, and TAL metals by methods 6010/7470/7471, plus cyanide.

3.3 FORMER DISPOSAL AREA

Fifteen (15) test pits are proposed for the former disposal area, to further characterize waste/fill material. Fill material will be examined in the field and screened with a photoionization detector (PID). Five (5) waste/fill samples will be selected for laboratory analysis, based on field observations. Analysis will include VOCs, SVOCs, TAL metals, and PCBs, plus TCLP VOCs, SVOCs, and metals (including cyanide).

3.4 - SOIL VAPOR AND INDOOR AIR SAMPLING

The presence of volatile organic compounds in groundwater samples indicates a possibility that soil vapor exists at the site. However, as previously noted, aside from the on-site building there are no potential receptor buildings within several hundred feet of the contaminant sources or the dissolved phase groundwater plume.

The remediation and redevelopment plan for the site will remediate specific on-site contaminant sources. In addition, and as previously indicated, an IRM will be implemented as a sub-slab ventilation system under the existing site building (and all future buildings), to prevent vapor intrusion from potential source areas. An IRM Work Plan will be prepared during the RI that will include a sub-slab sampling program to support a sub-slab system design. These planned remedial actions will effectively mitigate the future exposure risk associated with indoor air at the site, and therefore a soil vapor survey around the building perimeter is not necessary for the RI. However, soil vapor samples will be collected at the site boundary (Figure 3-1), and analyzed for VOCs by EPA method TO-15, to evaluate potential off-site exposure issues.

In addition, indoor air samples will be collected from the lowest levels of the existing site building, including the lowest currently occupied office space, and an outdoor air sample will be collected at the upwind site boundary. Indoor and outdoor samples will be analyzed by USEPA method TO-15 VOCs.

The soil vapor and indoor/outdoor air sampling will be conducted in accordance with the NYSDOH *Guidance for Evaluating Soil vapor Intrusion in the State of New York* (February 2005), and as described in the QAPP (Appendix A).

3.4.1 SOIL VAPOR SURVEY

The soil vapor sampling program will determine whether soil vapor exist at the site boundary in two specific areas: (1) the western site boundary, which is believed to be hydraulically downgradient of the previously identified contaminant source areas, to determine off site vapor migration potentially associated with contaminated groundwater, and (2) the northern site boundary, where potential off-site receptors may exist, and where preferential vapor transport across the site boundary via a sewer line may occur. Three soil vapor samples will be collected from each of these two boundary areas. Note that one of the northern boundary soil vapor samples will be located immediately adjacent to the suspected sanitary sewer line.

Two additional soil vapor samples will be collected from along the sanitary sewer line, from soil and/or bedding material adjacent to the line. One of these samples will be collected from along the sewer main near the former heat treating/plating area, and the

second sample will be between two laterals, approximately midway between where the first sample is collected and the site boundary sample at the northern property line.

The soil vapor sampling program will utilize a 1 microgram per cubic meter detection limit for VOCs, by USEPA method TO-15. Sample collection and analysis will be in accordance with methods described in the QAPP (Appendix A).

3.4.2 INDOOR AIR SAMPLES

Indoor air samples will be collected from the existing site building to determine the current exposure potential and to determine the effectiveness of sub-slab ventilation installed as an IRM.

Three (3) indoor air samples will be collected from the lowest potentially occupied level of the former manufacturing building, using summa canisters. The precise number and locations for these indoor air samples will be jointly determined by NYSDEC, NYSDOH, and SWRNA based on an inspection of the lower building area. The objective will be to sample the lowest building levels that are either currently occupied or are most likely to become occupied. Indoor air samples will be collected during the heating season (between November 1 and March 31) as preferred under the NYSDOH Guidance.

The indoor air sampling program will utilize a 1.0 microgram per cubic meter detection limit for VOCs, except TCE which will have a 0.25 microgram per cubic meter detection limit,by USEPA method TO-15.Sample collection and analysis will be in accordance with methods described in the QAPP (Appendix A).

The need for additional soil vapor and/or indoor air samples will be determined based on the findings of the RI sampling program. It is noted that additional vapor sampling may be required as an element of the remedial design phase of this project. Specifically, the engineering design of the anticipated sub-slab ventilation system for the existing site building may require future collection of sub-slab vapor samples.

3.4.3 OUTDOOR AIR SAMPLE

One outdoor air sample will be collected at the upwind site boundary, determined at the time of sample collection, and concurrent with the indoor air samples. The outdoor air

sampling program will utilize a 1.0 microgram per cubic meter detection limit for VOCs, except TCE which will have a 0.25 microgram per cubic meter detection limit, by USEPA method TO-15. Sample collection and analysis will be in accordance with methods described in the QAPP (Appendix A).

3.5 HUMAN HEALTH EXPOSURE ASSESSMENT

Site data will be evaluated to determine whether human receptors, both on site and off site, are potentially exposed. The purpose of the exposure assessment will be to qualitatively determine the route, intensity, frequency, and duration of actual or potential exposures of humans to site-related chemicals. The assessment will also describe the nature and size of the population potentially exposed to the contaminants.

Laboratory analytical results for soil, groundwater, and indoor air will be compared to applicable health-based screening criteria:

- **Soil.** Soil analytical results will be compared to NYSDEC's Technical and Administrative Guidance Memorandum (TAGM) 4046 health-based soil cleanup objectives.

- **Groundwater**. Groundwater analytical results will be compared to NYS Class GA (drinking water) groundwater quality standards.

- **Indoor Air**. Indoor air results will be compared to the Summary of Background Levels for Selected Compounds, as presented in NYSDOHs *Guidance for Evaluation Soil Vapor Intrusion in the State of New York.*

The comparison of analytical results to the applicable screening values will be used to tentatively identify contaminants of potential concern (COPCs).

3.6 - FISH AND WILDLIFE RESOURCE EVALUATION

A Fish and Wildlife Resource Evaluation will be completed to provide an initial screening of potentially affected fish and wildlife resources in connection with the site. The first step of the FWRIA process, resource characterization, will be completed as part

of the site investigation scope. Resource characterization includes the following basic steps:

- Identify fish and wildlife resources for the area within a one-half mile radius of the site, based on NYSDEC records and knowledge of the site area.
- Identify contaminant migration patterns that may potentially expose fish and wildlife resources to site-related contaminants.
- Identify specific contaminants of ecological concern
- Draw conclusions regarding potential adverse effects.

The findings of the initial FWRIA phase will be used to determine whether it is likely that the site has a negative effect on local wildlife and related habitats.

3.7 - REMEDIAL INVESTIGATION REPORT

Following the completion of the proposed sampling, analysis, and data evaluation, a Remedial Investigation (RI) Report will be prepared that presents the findings of the investigation. The following information will be included in the RI Report.

3.7.1 TECHNICAL OVERVIEW

The technical overview will be a narrative discussion of methods and results. Work completed under the approved RI Work Plan will be described, including the methods used for sample collection and laboratory analysis. Any departures from the approved scope of work or methods used will be noted, along with the rationale for such departures.

The technical overview will provide enough information to address the following:

a. Sources of Contamination. Specific contaminant sources have been identified based on existing data from prior site investigations, which indicate specific source areas for petroleum impacts, but there is no evidence that discrete sources for chlorinated compounds are still present on the site. This remedial investigation will further define the identified source areas by additional assessment of site groundwater quality near the sources. Analytical results for groundwater samples collected from

existing and proposed monitoring wells will further define the migration paths for petroleum and chlorinated compounds detected in shallow and deep groundwater samples. This data will help delineate the full vertical extent of groundwater impacts, which will help to substantiate that contaminant sources have been properly identified. In addition, the deep groundwater data will verify or refute previous sampling results that indicate petroleum compounds are present at depth.

Maps that show groundwater analytical results, with text boxes depicting contaminant concentrations at each sample location, will be produced.

b. Hydrogeologic Characteristics. Groundwater flow maps will be produced to show the direction of shallow and bedrock groundwater flow at the site. These maps will be based on depth to water measurements obtained during the RI from newly installed overburden and bedrock wells, plus existing site monitoring wells if determined to be usable. Hydrogeologic factors and their influence on the distribution and migration of contaminants will be discussed, including soil grain sizes, permeability, depth to bedrock, bedrock fracture characteristics and flow hydraulics, saturated thickness, and hydraulic gradients. Potential migration routes for contaminants, and the phases of transport (i.e. aqueous and vapor phases) will be discussed.

Supporting this discussion will be the inclusion of soil boring logs, with stratigraphic descriptions of the soil column at each boring location from the RI and prior investigations. Cross sections of the site, and groundwater contour maps, will also be prepared.

3.7.2 SCGs

Standards, criteria and guidance that pertain to the sampled site media will be identified and listed in summary tables, along with the analytical results for each medium. Instances where sample analysis results exceed a relevant SCG will be indicated on the tables, and discussed in the technical overview.

3.7.3 SOIL VAPOR SURVEY

The results of the perimeter soil vapor survey will be presented, including a site map that shows the sample locations, with a text box of results adjacent to each sample location.

3.7.4 HUMAN HEALTH EXPOSURE ASSESSMENT

An assessment of potential exposure scenarios, both present and in the future, will be presented in the context of the site's existing and future contemplated use. The assessment will address exposure scenarios both on- and off site.

3.7.5 FISH AND WILDLIFE RESOURCES

Area fish and wildlife resources will be identified, and the overall habitat value for the site will be discussed. The site's affect on the overall habitat value for the area, based on current conditions (i.e. buildings and paved areas) and the site's future anticipated use, will be presented.

3.7.6 CONCLUSIONS/RECOMMENDATIONS

The results of the RI will be summarized, which will clearly identify source areas and potential exposure paths in relation to human and ecological receptors.

A Remedial Alternatives Analysis Report will be submitted along with the RI Report, which will evaluate appropriate remedial options based on the RI results. The Remedial Alternatives Analysis Report will include a Remedial Action Work Plan that describes the implementation of the selected remedy for the site. In accordance with BCP guidance, the goal of the remedy selection process will be to select a remedy for the site that is fully protective of public health and the environment, taking into account the current, intended, and reasonably anticipated future land use of the site.

3.7.7 SUPPORTING DATA AND INFORMATION

To support the presentation of RI information, the following items will be appended to the RI Report:

- Site photographs
- Soil boring logs
- Site maps, including a groundwater contour map, and text box figures depicting analytical results
- Laboratory analysis results
- DUSR

SECTION 4 - PROJECT SCHEDULE

The RI sampling and analysis program proposed herein will be implemented following NYSDEC approval. RI field sampling work can be scheduled to begin within two weeks of NYSDEC approval. A project schedule is included as Figure 4-1. Specific public participation milestones will be described in the Citizen Participation Plan.

It is estimated that field work will require two weeks to complete, and laboratory analysis will be complete within four weeks of the end of field work.

The RI Report/Remedial Action Work Plan will be submitted for NYSDEC review within four (4) months of Work Plan approval.

REFERENCES

Dames & Moore, Inc. December 14, 1994. *Phase I Environmental Site Assessment, AT&T Global Information Solutions, 950 Danby Road, Ithaca, New York 14850.*

Engelder, T., Peter Geiser, and Dov Bahat, 1987. *Alleghanian deformation within shales and siltstones of the Upper Devonian Appalachian Basin, Finger Lakes District, New York.* Geological Society of America Centennial Field Guide – Northeast Section.

Environmental Products and Services, Inc. November 1998. *Phase I Environmental Site Assessment, Axiohm Facility, 950 Danby Road, Ithaca, New York.*

Environmental Products and Services, Inc. November 1998. *Phase II Environmental Site Assessment- Revised, Axiohm Manufacturing Facility, Ithaca, Tompkins County, New York.*

Environmental Resources Management, Inc. March 2004. *Source Investigation Report, Axiohm Facility, 950 Danby Road, Ithaca, New York.*

Environmental Resources Management, Inc. April 2004. *Supplemental Investigation, Bedrock Monitoring Well Installation & Sampling, Axiohm TPG, Ithaca, New York.*

Freeze, R. Allen and John Cherry, 1979. *Groundwater.* Prentice Hall, Inc.

Johnson, P.C., and R.A. Ettinger, 1991. *Heuristic model for predicting the intrusion rate of contaminated vapors in buildings.* Environ. Sci. Technol. 25: 1445-1452.

Muller, Ernest H. and Donald H Cadwell, 1986. *Surficial Geologic Map of New York, Finger Lakes Sheet.* University of the State of New York, State Education Department.

New York State Department of Environmental Conservation, December 2002. *Technical Administrative and Guidance Memorandum (TAGM) #4046.*

New York State Department of Environmental Conservation, December 2002. *Draft DER-10, Technical Guidance for Site Investigation and Remediation.*

New York State Department of Environmental Conservation, May 2004. *Draft Brownfield Cleanup Program Guide.*

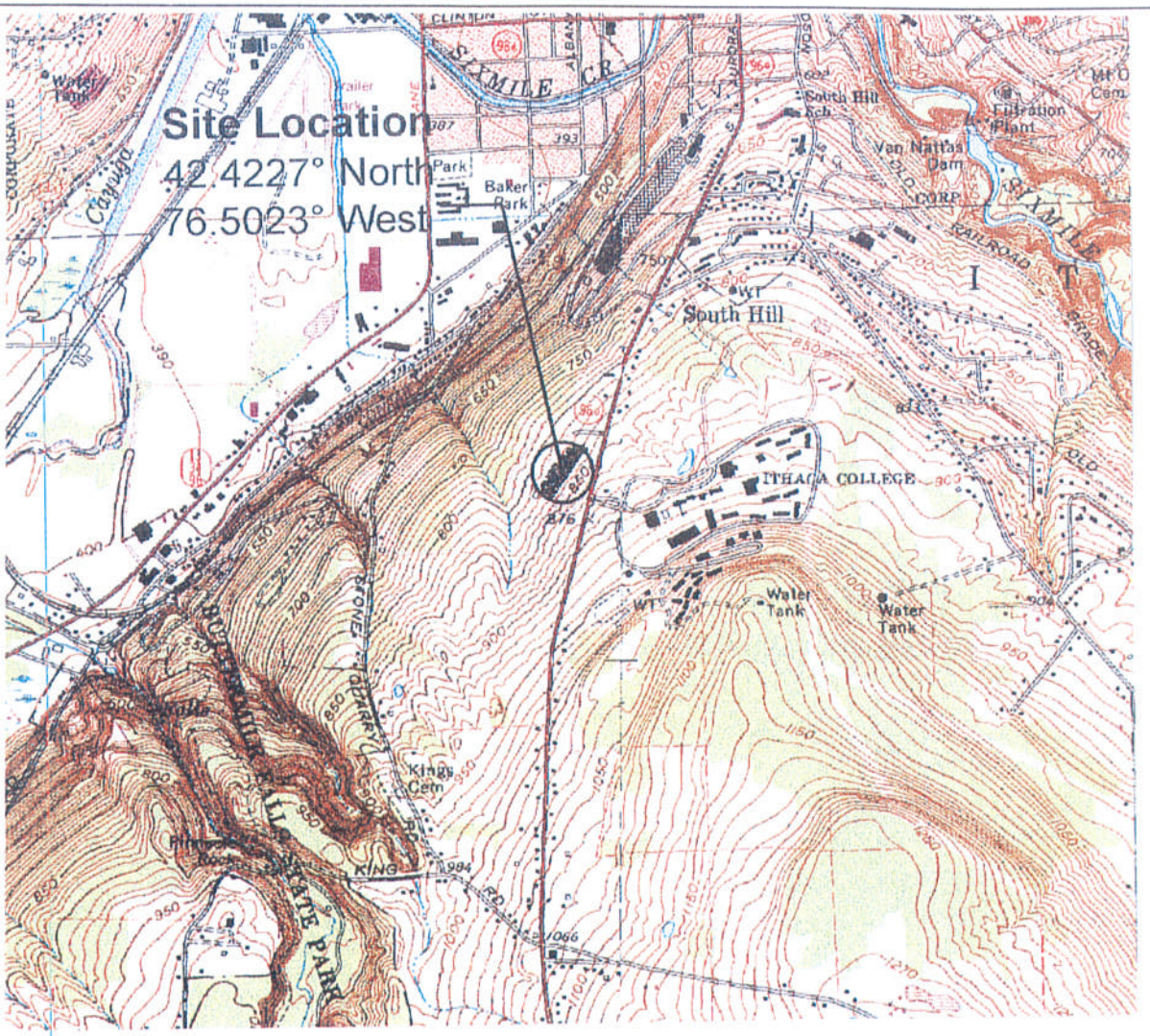
New York State Department of Environmental Conservation, June 1998. *TOGS (1.1.1) Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations.*

New York State Department of Environmental Conservation, Memorandum, December 20, 2000. *Determination of Soil Cleanup Levels.*

Rickard, Lawrence V. and Donald W. Fisher, 1970. *Geologic Map of New York, Finger Lakes Sheet.* University of the State of New York, State Education Department.

United States Environmental Protection Agency. *Draft Guidance to Indoor Air Pathway from Groundwater and Soils.*

Figures



QUADRANGLE LOCATION

SCALE: 1" = 2,000'

1,000 0 1,000 3,000 5,000

Contour Interval: 10 Feet

Map Taken From: USGS 7.5 Minute Series
Topographic Quadrangles
Ithaca West (1969, Photorevised 1978) &
Ithaca East (1969, Photorevised 1978)
(www.nysgis.state.ny.us/quads/usgsdrg.htm)

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FIGURE 1-1
SITE LOCATION

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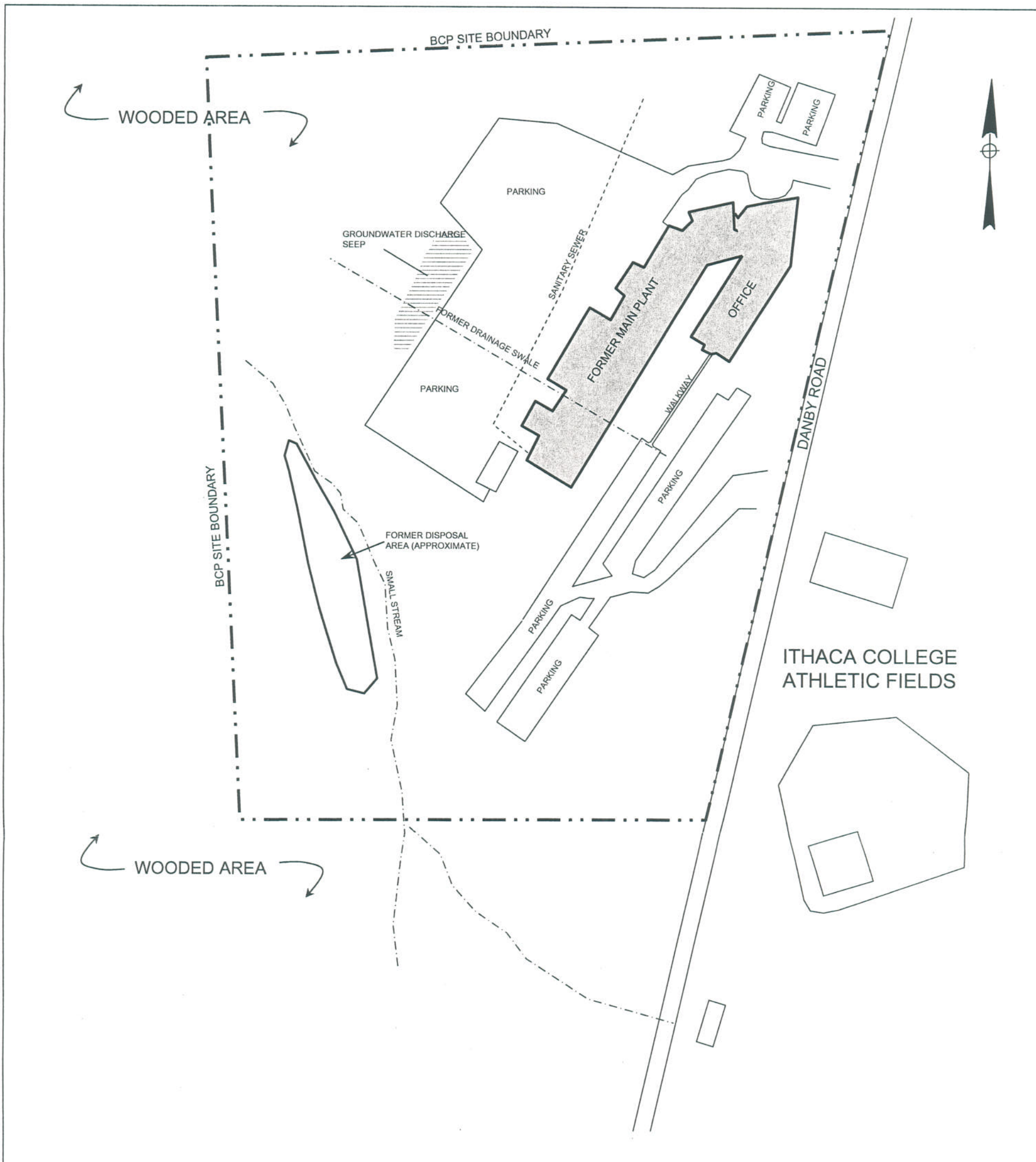

Site features and dimensions are approximate, to be confirmed by survey completed during Remedial Investigation.

0 125 250 500 feet

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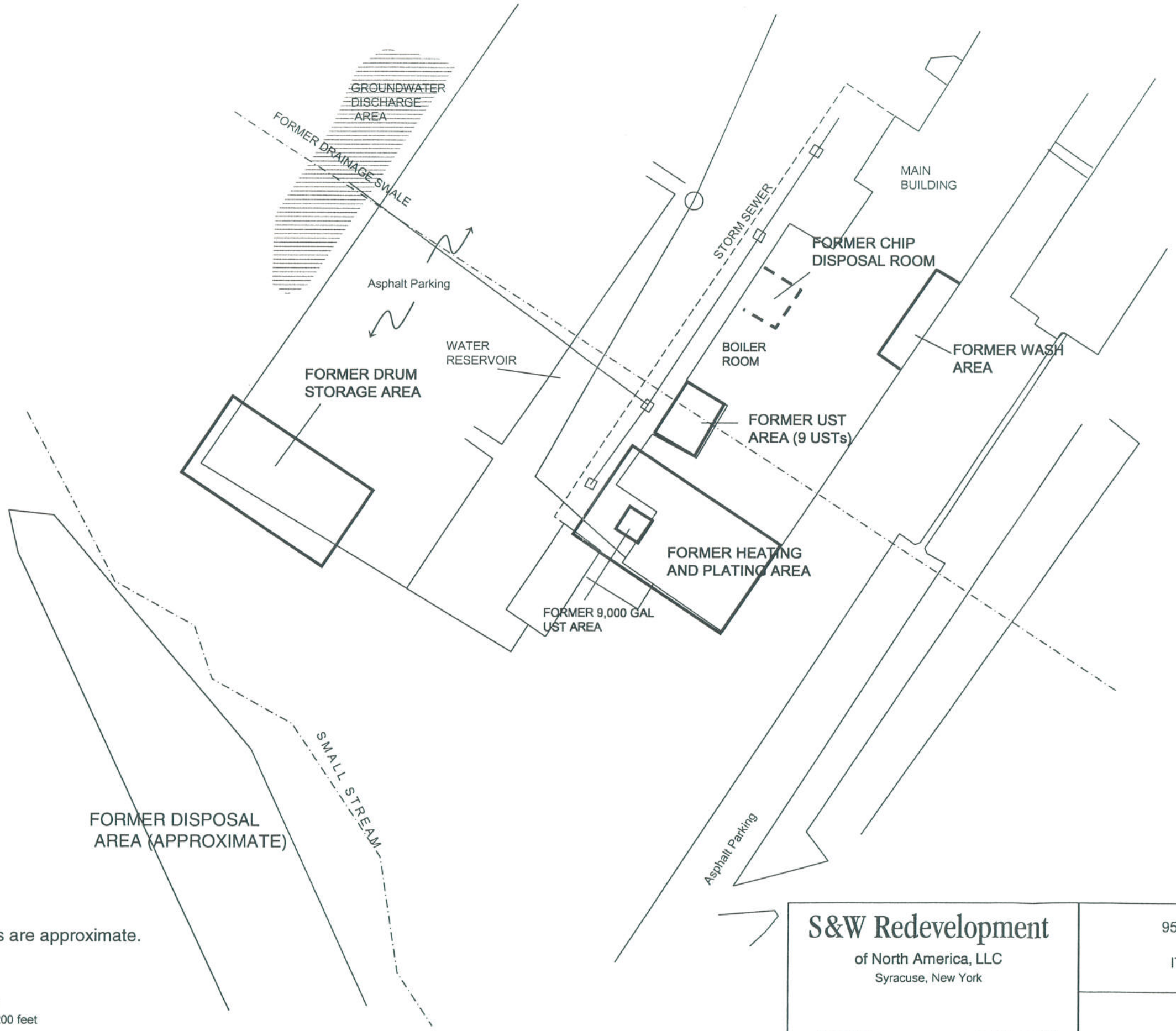
FIGURE 1-2
SITE LAYOUT



Site features and sample locations are approximate.

0 200 feet

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FIGURE 1-3
FACILITY DETAIL

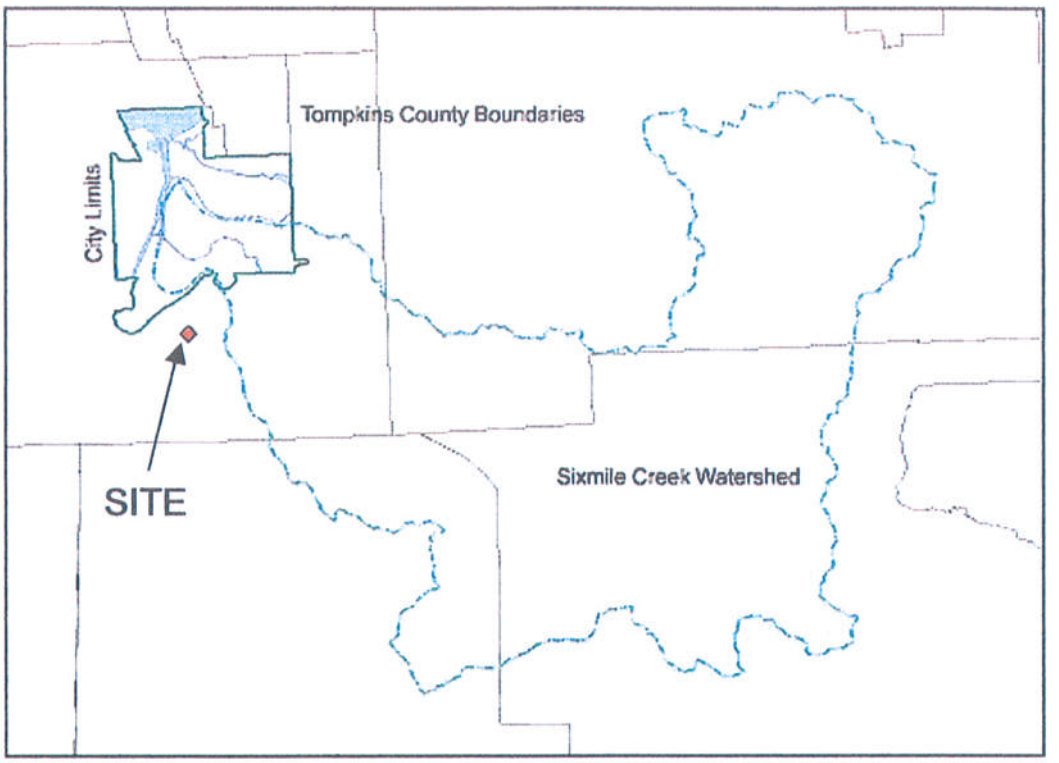

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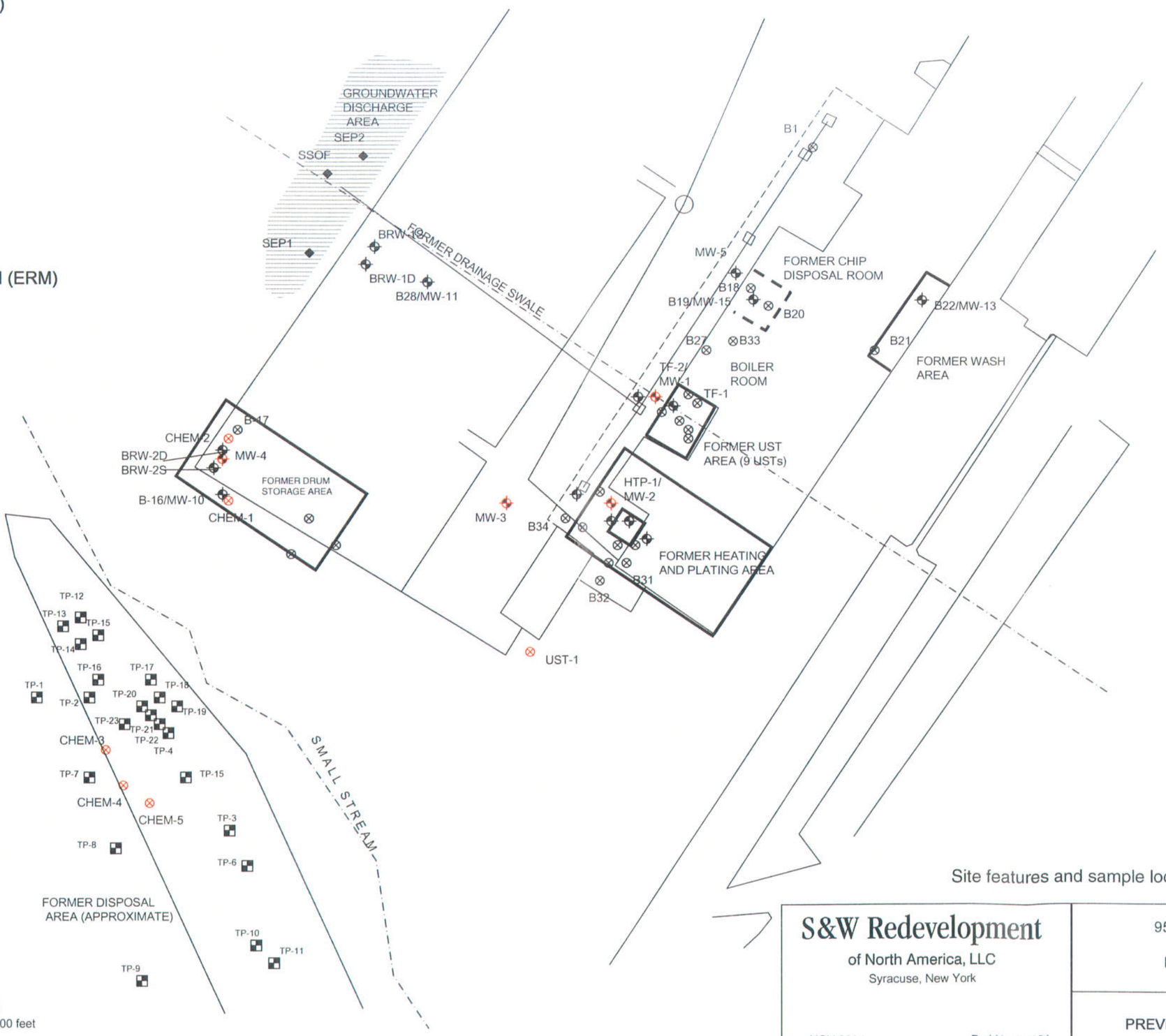
FIGURE 1-4
WATERSHED AREA

MAY 2003 PHASE II ESA (EPS)

- Monitoring Well
- Soil Boring (EPS, 1998)
- Surface Sample Location
- Test Pit

2004 SOURCE INVESTIGATION (ERM)

- Monitoring Well
- Soil Boring (EPS, 1998)
- Surface Sample Location
- Test Pit



Site features and sample locations are approximate.

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FIGURE 2-1
PREVIOUS SAMPLE LOCATIONS

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SEP2
Chromium
Iron
Nickel
Zinc

SEP1
Beryllium
Chromium
Iron
Nickel
Zinc

B-28 (2-4)
Arsenic
Beryllium
Chromium
Copper
Iron
Nickel
Zinc

MW-5 (5-7)
Beryllium
Chromium
Iron
Nickel
Zinc

B-18 (8-8.7)
Beryllium
Chromium
Iron
Nickel
Zinc

B-1(3-5)
None

B-19 (8-8.7)
Beryllium
Chromium
Copper
Iron
Nickel
Zinc

B-33(0.5-2)
Beryllium
Chromium
Iron
Nickel
Zinc

B-17 (5-6.2)
Beryllium
Chromium
Iron
Nickel
Zinc

B-7 (13-14)
Chromium
Iron
Nickel
Zinc

B-20 (6-7.2)
Beryllium
Chromium
Copper
Iron
Nickel
Zinc

B-2(7-9)
Trichloroethene
Chromium
Iron
Nickel

TF-2 (12-12.5)
None

B-22 (0.5-1.8)
Beryllium
Chromium
Iron
Nickel
Zinc

B-30 (3-5)
Beryllium
Chromium
Iron
Nickel
Zinc

CHEM-2 (8-9.2)
Arsenic
Chromium

B-6(7-9)
Chromium
Iron
Nickel
Zinc

TF-1 (12-12.5)
None

B-21(0.5-1.8)
Chromium
Iron
Nickel
Zinc

B-16 (3-5)
Chromium
Iron
Nickel
Zinc

B-13 (3-5)
Beryllium
Chromium
Iron
Nickel
Zinc

MW-4

B-34 (1-3)
Arsenic
Beryllium
Chromium
Iron
Nickel
Zinc

B-12 (9-10.7)
Beryllium
Chromium
Iron

B-8 (9-11)
Chromium
Iron
Nickel
Zinc

B-5 (3-5)
Iron
Nickel
Zinc

B-4 (13-14.5)
Trichloroethene
Chromium
Copper
Iron
Nickel
Zinc

B-3 (7-9)
Cadmium
Copper
Iron
Nickel
Zinc

TP-12
None*

TP-14
Trichloroethene

CHEM-1 (10-11)
Benzo(a)pyrene
Chromium

TP-16
None*

B-11(5-7)
Beryllium
Chromium
Copper
Iron
Nickel
Zinc

B-9 (11-12.5)
Trichloroethene
Cadmium
Chromium
Iron
Nickel
Zinc

B-14 (3-5)
Beryllium
Chromium
Iron
Nickel
Zinc

B-15 (3-5)
Beryllium
Chromium
Iron
Nickel
Zinc

TP-17
through 19
None*

CHEM-3 (4-4.6)
MTBE
Trichloroethene
Chromium

HTP-1 (10-10.8)
Benzo(a)anthracene
Chrysene
Chromium

TP-23
Chromium

TP-20 through 22
Chromium

B-23 (1.1-2.2)
Arsenic
Beryllium
Chromium
Copper
Iron
Nickel
Zinc

CHEM-4 (2-2.3)
Arsenic
Chromium

B-31 (1-3)
Beryllium
Chromium
Copper
Iron
Nickel
Zinc

CHEM-5 (4-5)
Chromium

UST-1 (10-11)
None

B-10 (9-11)
Trichloroethene
Cadmium
Chromium
Copper
Iron
Nickel
Zinc

B-32 (1-3)
Arsenic
Beryllium
Chromium
Iron
Nickel
Zinc

B-25 (4-6)
Beryllium
Chromium
Iron
Nickel
Zinc

B-29 (12-13)
Trichloroethene
Vinyl chloride
Arsenic
Beryllium
Chromium
Copper
Iron
Nickel
Zinc

B-24 (1.1-2.2)
Arsenic
Beryllium
Chromium
Copper
Iron
Nickel
Zinc

TP-11
Toluene
Xylenes
Arsenic
Beryllium
Chromium
Copper
Iron
Nickel
Zinc

•Note: Samples TP-12, -14, -16, -17 -18, and -19 analyzed for VOCs only.

0 50 100 200 300 feet

Monitoring Well

Soil Boring

Surface Sample Location

Test Pit Sample Location

Text Box Key:

Sample I.D. (Sample Depth, ft)
Organic Compounds above RSCOs
Metals above RSCOs

Bold text box border highlights samples that contained organic compounds above RSCOs.

Text box colors by area:

- Former UST Area
- Former Chip Disposal Area
- Boiler Room
- Former Wash Area
- Former Heat Treating/ Plating Area
- Former Drum Storage
- Waste Disposal

RSCO – Recommended soil Cleanup objectives per TAGM 4046.

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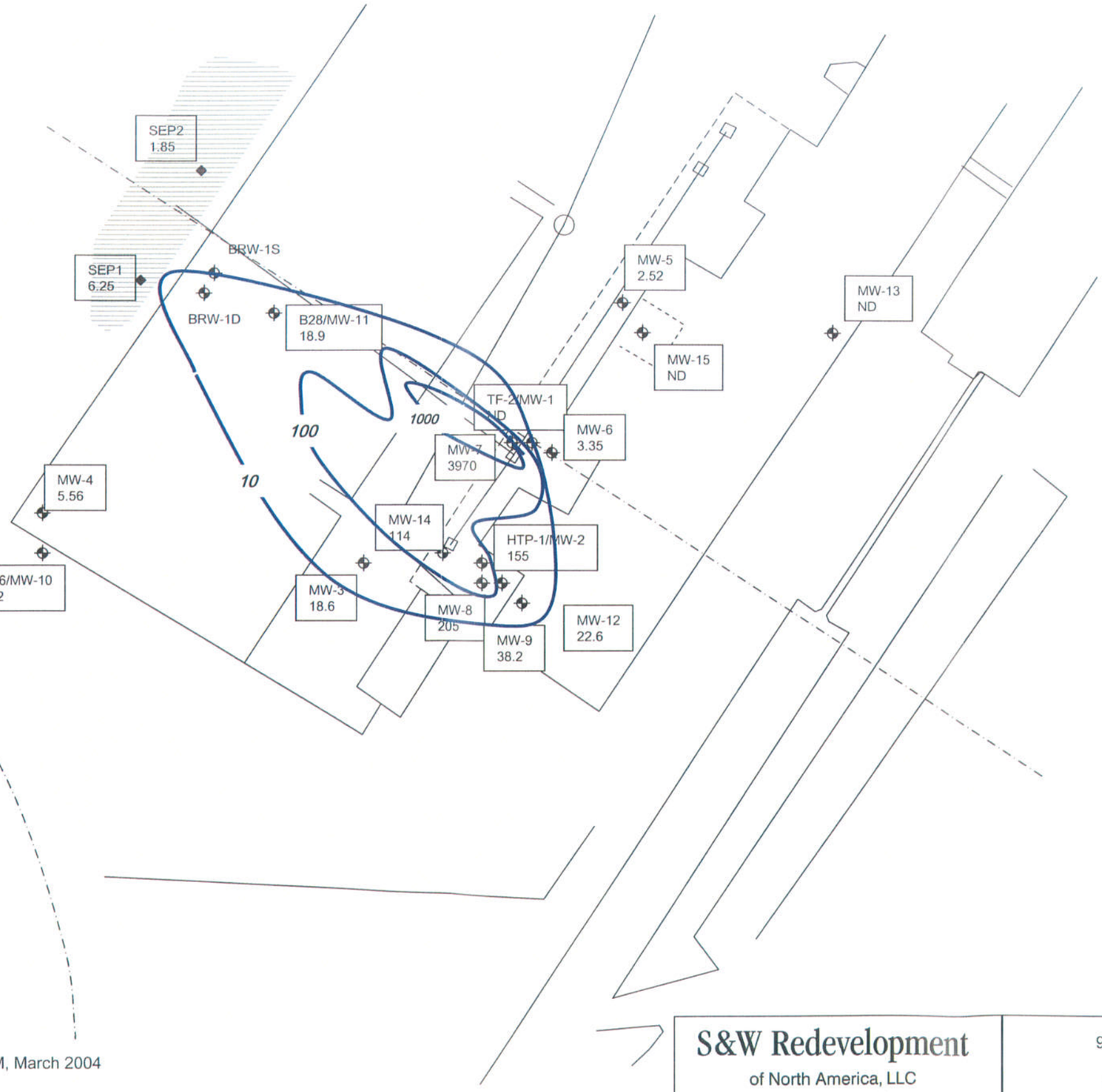
FIGURE 2-2
ANALYTCAL RESULTS –SOIL SAMPLES

Monitoring Well

Soil Boring

Surface Sample Location

Test Pit



Monitoring Well

Text Box Key:

Well I.D.
cis-1,2 DCE (ug/L)

Data for shallow overburden monitoring wells, as reported by ERM, March 2004

0 50 100 200 300 feet

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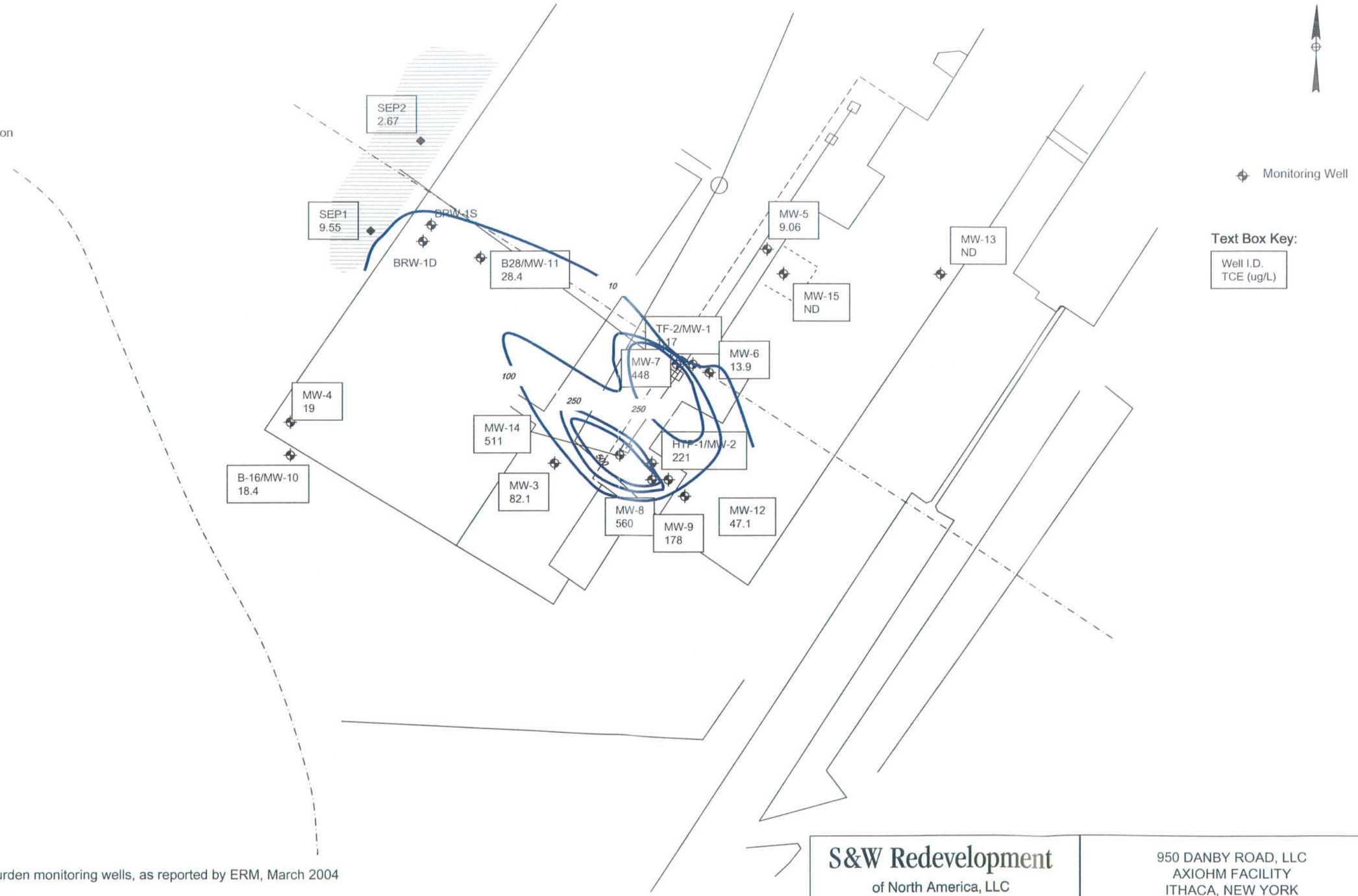
FIGURE 2-3
ANALYTCAL RESULTS – CIS-1,2 DCE IN GROUNDWATER (JAN 2004)

Monitoring Well

Soil Boring

Surface Sample Location

Test Pit



Monitoring Well

Text Box Key:

Well I.D.
TCE (ug/L)

Data for shallow overburden monitoring wells, as reported by ERM, March 2004

0 50 100 200 300 feet

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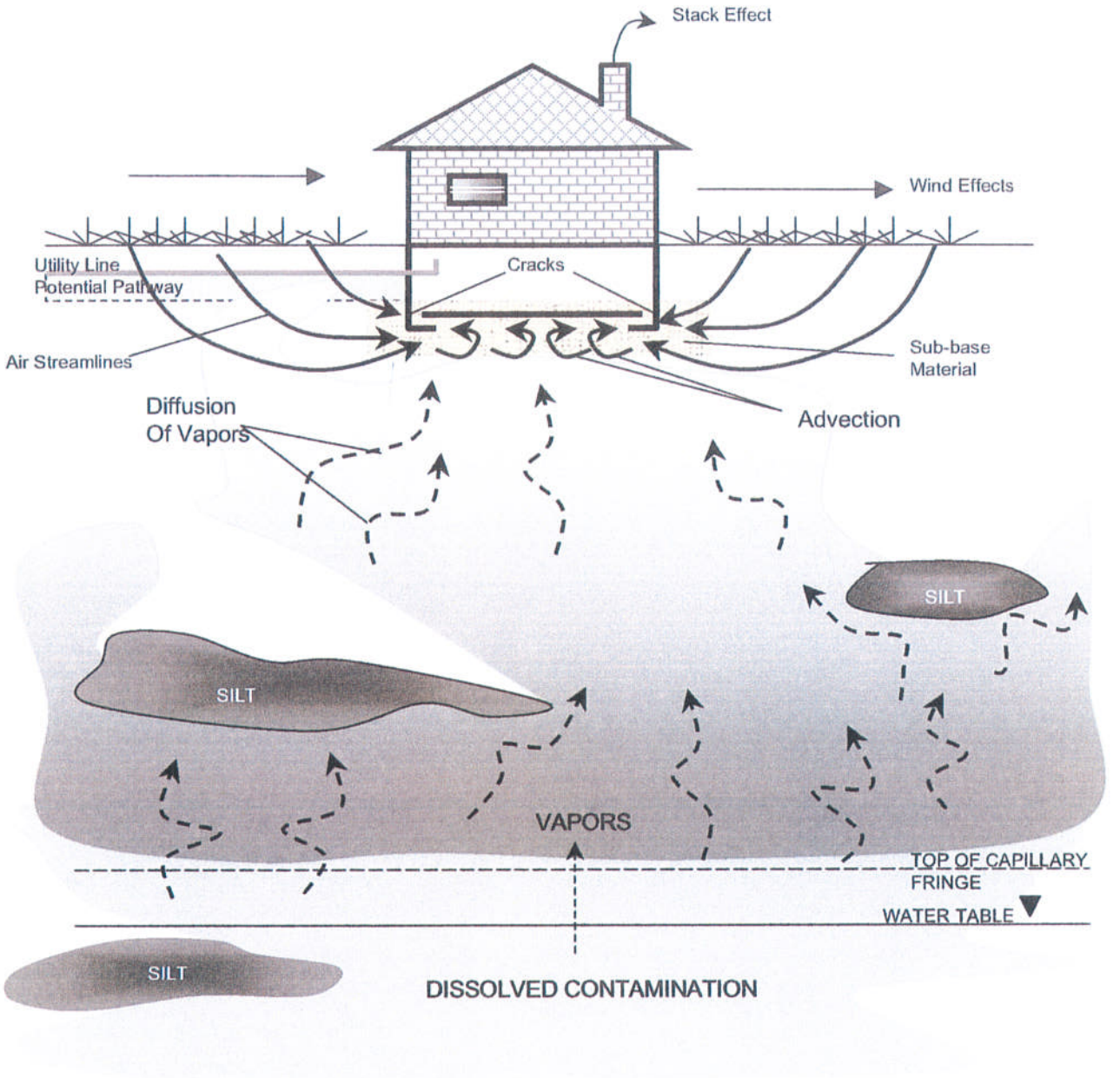
FIGURE 2-4
ANALYTCAL RESULTS – TCE IN GROUNDWATER (JAN 2004)



Source: USEPA: Draft Guidance for Indoor Air Pathway from Groundwater and Soils

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NOV 2004 Proj No. B4001	FIGURE 2-5 CONCEPTUAL SITE MODEL FOR SUBSURFACE VAPOR INTRUSION

BCP SITE BOUNDARY

PARKING

PARKING

PARKING

GROUNDWATER DISCHARGE SEEP

FORMER MAIN PLANT

OFFICE

PARKING

PARKING

PARKING

PARKING

BCP SITE BOUNDARY

FORMER DISPOSAL AREA

SMALL STREAM

Stream Water Flow

Prevailing Shallow Groundwater Flow Direction

Hydrogeologic Flow Boundary

Hydrologic features are presumed, and subject to confirmation by the Remedial Investigation.

0 125 250 500 feet

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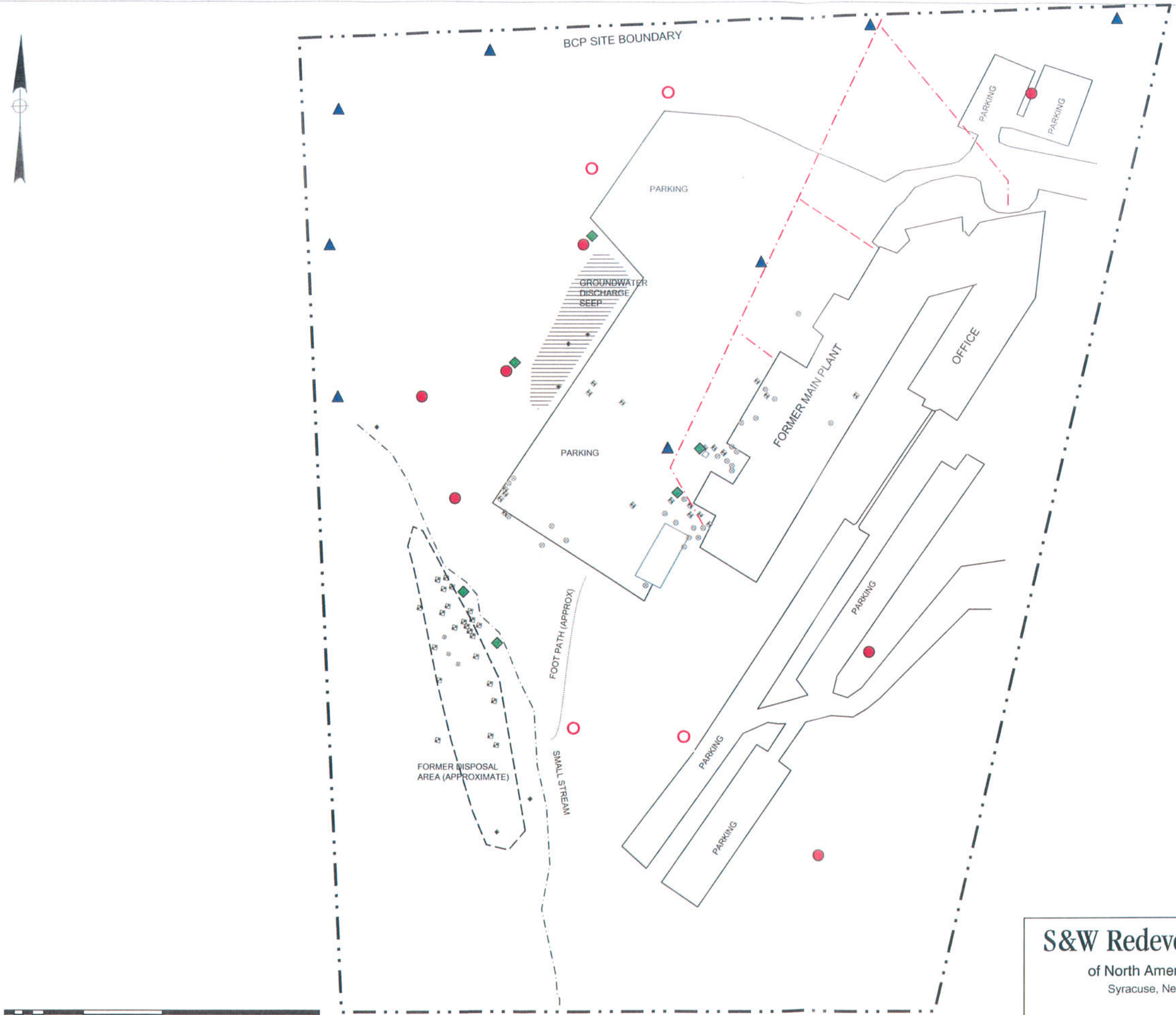
FIGURE 2-6
HYDROGEOLOGIC BOUNDARIES
TO CONTAMINANT TRANSPORT



PRIOR SAMPLING LOCATIONS

2003 Phase II ESA – EPS
2004 Source Area Investigation - ERM

- Monitoring Well
- Soil Boring (EPS, 1998)
- Surface Sample Location
- Test Pit

PROPOSED SAMPLING PLAN

- Proposed Direct Push Soil Boring
- Proposed Overburden Well
- Proposed Shallow Bedrock Well
- Proposed Soil Vapor Sample
- Approximate Sanitary Sewer Location (to be verified in field prior to sampling)

Notes:

Five (5) surface soil samples will also be collected from locations to be determined in the field, with NYSDEC concurrence

Soil samples will be collected from the three soil vapor borings that are drilled adjacent to the sanitary sewer, to evaluate soil and bedding material adjacent to the sewer.

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FIGURE 3-1
PROPOSED SAMPLING PLAN

Tables

Table 2-1. Summary of PID Field Screening Results, Soil Boring Samples - May 2003 Phase 2 Site Investigation. Axiohm Facility, Ithaca, NY.

Soil Boring I.D.	Soil Sample Depth (FT)	PID Result (ppm total VOCs)
TF-1	4-6	0
	6-8	0
	8-10	3.3
	10-12	14.1
TF-2	0.5-2	0
	2-4	0
	4-6	0
	6-8	0
	8-10	0
	10-12	0
	12-14	0
HTP-1	0.5-2	0
	2-4	0
	4-6	0
	6-8	0
	8-10	0
	10-12	2.5
UST-1	0-2	0
	2-4	0
	4-6	0
	6-8	0
	8-10	0
	10-12	0
CHEM-1	0-2	0
	2-4	0
	4-6	0
	6-8	0
	8-10	0
	10-12	0
CHEM-2	0-2	0
	2-4	0
	4-6	0
	6-8	0
	8-10	0
CHEM-3	0-2	1.2
	2-4	11.5
	4-5	27.5

Soil Boring I.D.	Soil Sample Depth (FT)	PID Result (ppm total VOCs)
CHEM-4	0-2	0.2
	2-4	1.5
	4-5	1.3
CHEM-5	0-2	0.2
	2-4	1.7
	4-5	3.8
TF-2 (MW-1)	0.5-2	0
	2-4	0
	4-6	0
	6-8	0
	8-10	0
	10-12	0
	12-14	0
HTP-1 (MW-2)	0.5-2	0
	2-4	0
	4-6	0
	6-8	0
	8-10	0
	10-12	2.5
MW-3	0.5-2	0
	2-4	0
	4-6	0
	6-8	0
	8-10	0
	10-12	0
	12-14	0
	14-16	0
	16-18	0
	18-20	0
	20-22	0
MW-4	0-2	0
	2-4	0
	4-6	0.1
	6-8	0.4
	8-10	0.8
	10-12	0.6
	12-14	0.9

Table 2-2 Summary of VOC Detections in Soil. Axiohm Facility, Ithaca, NY

Analyte (mg/kg)	NYSDEC RSCO	Sample Location																				
		TF-1 10-10.8' 2/20/03	TF-2 12-12.5' 2/20/03	HTP-1 10-10.5' 2/20/03	UST-1 10-11' 2/20/03	CHEM-1 10-11' 2/20/03	CHEM-2 8-9.2' 2/20/03	CHEM-3 4-5' 3/14/03	CHEM-4 2-2.3' 3/14/03	CHEM-5 4-5' 3/14/03	Axi B-1 3-5' 1/5/04	Axi MW-5 5-7' 1/5/04	Axi B-2 7-9' 1/5/04	Axi B-3 7-9' 1/5/04	Axi-B-4 13-14.5' 1/6/04	Axi B-5 3-5' 1/6/04	Axi B-6 7-9' 1/6/04	Axi B-7 13-14' 1/6/04	Axi B-8 9-11' 1/6/04	Axi B-9 11-12.5' 1/6/04	Axi B-10 9-11' 1/6/04	Axi B-11 5-7' 1/6/04	Axi B-12 9-10.7' 1/6/04
Acetone	0.2	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
2-Butanone (MEK)	0.3	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
n-Butylbenzene	10	NS	NS	NS	NS	NS	NS	NS	NS	NS	U	U	U	U	U	U	U	U	0.58	0.146	0.0976	U	U
sec-Butylbenzene	10	NS	NS	NS	NS	NS	NS	NS	NS	NS	U	U	U	U	U	U	U	U	0.314	0.0861	0.0347	U	U
tert-Butylbenzene	10	NS	NS	NS	NS	NS	NS	NS	NS	NS	U	U	U	U	U	U	U	U	0.0601	U	U	U	U
1,1-Dichloroethane	0.2	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
cis-1,2-Dichloroethene	0.3	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0272	U	**0.561**	U	U	U	U	U	0.0344	0.238	U	U	U
trans-1,2-Dichloroethene	0.3	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Ethylbenzene	5.5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	0.0319	U	U	U
Isopropylbenzene	2.3	NS	NS	NS	NS	NS	NS	NS	NS	NS	U	U	U	U	U	U	U	U	U	0.0588	U	U	U
4-Isopropyltoluene	10	NS	NS	NS	NS	NS	NS	NS	NS	NS	U	U	U	U	U	U	U	U	0.0936	U	U	U	U
MTBE	0.12	U	U	U	U	U	U	**0.269**	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Naphthalene	13	NS	NS	NS	NS	NS	NS	NS	NS	NS	U	U	U	U	U	U	U	U	U	0.0472	0.11	U	U
n-Propylbenzene	3.7	NS	NS	NS	NS	NS	NS	NS	NS	NS	U	U	U	U	U	U	U	U	0.0689	0.0478	0.0889	U	U
Tetrachloroethene	1.4	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Toluene	1.5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
1,1,1-Trichloroethane	0.8	U	U	U	U	U	U	U	U	U	U	U	0.0622	U	U	U	U	U	U	0.0351	0.0474	U	U
Trichloroethene	0.7	U	0.638	0.528	U	U	U	**4.32**	U	0.695	0.0175	U	**1.68**	0.018	**1.09**	0.0122	0.113	0.285	0.32	**1.65**	**1.02**	0.0174	0.0599
1,2,4-Trimethylbenzene	10	NS	NS	NS	NS	NS	NS	NS	NS	NS	U	U	U	U	U	U	U	U	0.237	0.217	0.332	U	U
1,3,5-Trimethylbenzene	3.3	NS	NS	NS	NS	NS	NS	NS	NS	NS	U	U	U	U	U	U	U	U	0.142	0.0771	0.112	U	U
Vinyl Chloride	0.2	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	0.172	U	U	U
m,p-Xylene	1.2	U	U	U	U	U	U	0.116	0.113	0.101	U	U	U	U	U	U	U	U	U	0.105	U	U	U
o-Xylene	1.2	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	0.0644	0.0361	U	U
TOTAL VOCs		ND	0.638	0.528	ND	ND	ND	4.705	0.113	0.796	0.0447	ND	2.3032	0.018	1.09	0.0122	0.113	0.285	1.85	2.9176	1.9375	0.0174	0.0599

Analyte (mg/kg)	NYSDEC RSCO	Sample Location																				
		Axi B-13 3-5' 1/6/04	Axi B-14 3-5' 1/6/04	Axi B-15 3-5' 1/6/04	Axi B-16 7-9' 1/6/04	Axi B-17 5-6.2' 1/6/04	Axi B-18 8-8.7' 1/9/04	Axi B-19 8-8.7' 1/7/04	Axi B-20 6-7.2' 1/7/04	Axi B-21 0.5-1.8' 1/7/04	Axi B-22 0.5-1.8' 1/7/04	Axi B-23 1.1-2.2' 1/8/04	Axi B-24 1.8-3.2' 1/8/04	Axi B-25 4-6' 1/7/04	Axi B-26 NS NS	Axi B-27 2.5-4.5' 1/7/04	Axi B-28 2-4' 1/8/04	Axi B-29 12-13.1' 1/8/04	Axi B-30 3-5' 1/8/04	Axi B-31 1-3' 1/8/04	Axi B-32 0-2' 1/8/04	Axi B-33 0.5-2' 1/9/04	Axi B-34 1-3' 1/9/04
Acetone	0.2	U	U	U	U	U	U	U	U	U	U	U	U	U	NS	NS	U	U	U	U	0.168	U	U
2-Butanone (MEK)	0.3	U	U	U	U	U	U	U	U	U	U	U	U	0.265	NS	NS	U	U	U	U	U	U	U
n-Butylbenzene	10	U	U	U	U	U	1.55	0.317	0.0765	U	U	U	U	U	NS	NS	U	0.137	U	U	U	U	U
sec-Butylbenzene	10	U	U	U	U	U	0.494	0.207	0.0539	U	U	U	U	U	NS	NS	U	0.0608	U	U	U	U	U
tert-Butylbenzene	10	U	U	U	U	U	U	U	U	U	U	U	U	U	NS	NS	U	U	U	U	U	U	U
1,1-Dichloroethane	0.2	U	U	U	U	U	U	U	U	0.00564	U	U	U	U	NS	NS	U	0.137	U	U	U	U	0.162
cis-1,2-Dichloroethene	0.3	U	U	U	U	U	U	U	U	U	U	U	U	U	NS	NS	U	**1.51**	U	U	U	U	**0.838**
trans-1,2-Dichloroethene	0.3	U	U	U	U	U	U	U	U	U	U	U	U	U	NS	NS	U	0.0312	U	U	U	U	0.0426
Ethylbenzene	5.5	U	U	U	U	U	U	U	U	U	U	U	U	U	NS	NS	U	U	U	U	U	U	U
Isopropylbenzene	2.3	U	U	U	U	U	0.107	0.0624	U	U	U	U	U	U	NS	NS	U	U	U	U	U	U	U
4-Isopropyltoluene	10	U	U	U	U	U	0.193	0.123	U	U	U	U	U	U	NS	NS	U	U	U	U	U	U	U
MTBE	0.12	U	U	U	U	U	U	U	U	U	U	U	U	U	NS	NS	U	U	U	U	U	U	U
Naphthalene	13	U	U	U	U	U	U	0.137	U	U	U	U	U	U	NS	NS	U	U	U	U	U	U	U
n-Propylbenzene	3.7	U	U	U	U	U	0.271	0.122	U	U	U	U	U	U	NS	NS	U	U	U	U	U	U	U
Tetrachloroethene	1.4	0.193	U	U	U	0.386	U	U	U	U	U	U	U	U	NS	NS	U	U	U	U	U	U	U
Toluene	1.5	U	U	0.0597	U	0.0453	U	U	U	U	U	U	U	U	NS	NS	U	U	U	U	U	U	U
1,1,1-Trichloroethane	0.8	0.126	U	0.084	U	0.587	U	U	U	U	U	U	U	U	NS	NS	U	0.0372	U	U	U	U	U
Trichloroethene	0.7	0.444	U	0.15	U	0.175	U	U	U	U	U	0.217	0.341	0.0402	NS	NS	U	**2.99**	U	U	U	U	0.176
1,2,4-Trimethylbenzene	10	U	U	U	U	U	0.717	0.0842	U	U	U	U	U	U	NS	NS	U	0.0369	U	0.326	U	U	U
1,3,5-Trimethylbenzene	3.3	U	U	U	U	U	0.206	U	U	U	U	U	U	U	NS	NS	U	U	U	0.0659	U	U	U
Vinyl Chloride	0.2	U	U	U	U	U	U	U	U	U	U	U	U	U	NS	NS	U	0.309	U	U	U	U	U
m,p-Xylene	1.2	U	U	U	U	U	U	U	U	U	U	U	U	U	NS	NS	U	U	U	0.0804	U	U	U
o-Xylene	1.2	U	U	U	U	U	U	0.0479	U	U	U	U	U	U	NS	NS	U	U	U	0.0526	U	U	U
TOTAL VOCs		0.763	ND	0.2937	ND	1.1933	3.538	1.1005	0.1304	0.00564	ND	0.217	0.341	0.3052	NS	NS	ND	5.2491	ND	0.5249	0.168	ND	1.2186

NYSDEC RSCO - recommended soil cleanup objectives from NYSDEC TAGM-4046.

NS - Compound not analyzed.

Bold Highlighted Cell - Value exceeds the NYSDEC RSCO.

U - Compound not detected above the laboratory detection limit.

ND - Not detected.

Data provided by Environmental Products and Services, Inc. (May 2003) and ERM (March 2004).

Table 2-2 (con't) Summary of VOC Detections in Soil. Axiohm Facility, Ithaca, NY

Analyte (mg/kg)	NYSDEC RSCO	Sample Location												
		Axi SEP1 seep 1/9/04	Axi SEP2 seep 1/9/04	Axi TP11 2' 1/28/04	Axi TP12 2' 1/28/04	Axi TP14 3.5' 1/28/04	Axi TP16 1.5' 1/28/04	Axi TP17 3' 1/28/04	Axi TP18 2' 1/28/04	Axi TP19 2' 1/28/04	Axi TP20 4' 1/28/04	Axi TP21 3' 1/28/04	Axi TP22 3.5' 1/28/04	Axi TP23B 3' 1/28/04
Acetone	0.2	U	U	U	U	U	0.175	U	U	0.15	U	U	U	U
2-Butanone (MEK)	0.3	U	U	U	U	U	U	U	U	U	U	U	U	U
n-Butylbenzene	10	U	U	7.63	U	U	U	U	U	U	U	U	U	U
sec-Butylbenzene	10	U	U	3.29	U	U	U	U	U	U	U	U	U	U
tert-Butylbenzene	10	U	U	U	U	U	U	U	U	U	U	U	U	U
1,1-Dichloroethane	0.2	U	U	U	U	U	U	U	U	U	U	U	U	U
cis-1,2-Dichloroethene	0.3	U	U	U	U	**0.604**	U	U	U	U	U	U	U	U
trans-1,2-Dichloroethene	0.3	U	U	U	U	U	U	U	U	U	U	U	U	U
Ethylbenzene	5.5	U	U	5.27	U	U	U	U	U	U	U	U	U	U
Isopropylbenzene	2.3	U	U	2.13	U	U	U	U	U	U	U	U	U	U
4-Isopropyltoluene	10	U	U	4.12	U	U	U	U	U	U	U	U	U	U
MTBE	0.12	U	U	U	U	U	U	U	U	U	U	U	U	U
Naphthalene	13	U	U	7.3	U	U	U	U	U	U	U	U	U	U
n-Propylbenzene	3.7	U	U	**5.74**	U	U	U	U	U	U	U	U	U	U
Tetrachloroethene	1.4	U	U	U	U	0.0368	U	U	U	U	U	U	U	U
Toluene	1.5	U	U	**84**	U	U	U	U	U	U	U	U	U	U
1,1,1-Tetrachloroethane	0.8	U	U	U	U	U	U	U	U	U	U	U	U	U
Trichloroethene	0.7	U	U	U	0.255	**29.5**	0.0243	0.215	0.282	0.0276	0.159	0.0931	0.111	0.0469
1,2,4-Trimethylbenzene	10	U	U	**52.1**	U	U	U	U	U	U	U	U	U	U
1,3,5-Trimethylbenzene	3.3	U	U	**23.3**	U	U	U	U	U	U	U	U	U	U
Vinyl Chloride	0.2	U	U	U	U	U	U	U	U	U	U	U	U	U
m.p-Xylene	1.2	U	U	**33.4**	U	U	U	U	U	U	U	U	U	U
o-Xylene	1.2	U	U	**14.4**	U	U	U	U	U	U	U	U	U	U
TOTAL VOCs		ND	ND	242.68	0.255	30.1408	0.1993	0.215	0.282	0.1776	0.159	0.0931	0.111	0.0469

NYSDEC RSCO - recommended soil cleanup objectives from NYSDEC TAGM-4046.

NS - Compound not analyzed.

Bold Highlighted Cell - Value exceeds the NYSDEC RSCO.

U - Compound not detected above the laboratory detection limit.

ND - Not detected.

Data provided by Environmental Products and Services, Inc. (May 2003) and ERM (March 2004).

Table 2-3 Summary of SVOC Detections in Soil. Axiohm Facility, Ithaca, NY

Analyte (mg/kg)	NYSDEC RSCO	Sample Location																					
		TF-1 10-10.8' 2/20/03	TF-2 12-12.5' 2/20/03	HTP-1 10-10.5' 2/20/03	UST-1 10-11' 2/20/03	CHEM-1 10-11' 2/20/03	CHEM-2 8-9.2' 2/20/03	CHEM-3 4-5' 3/14/03	CHEM-4 2-4' 3/14/03	CHEM-5 4-5' 3/14/03	Axi B-1 3-5' 1/5/04	Axi MW-5 5-7' 1/5/04	Axi B-2 7-9' 1/5/04	Axi B-3 7-9' 1/5/04	Axi-B-4 13-14.5' 1/6/04	Axi B-5 3-5' 1/6/04	Axi B-6 7-9' 1/6/04	Axi B-7 13-14' 1/6/04	Axi B-8 9-11' 1/6/04	Axi B-9 11-12.5' 1/6/04	Axi B-10 9-11' 1/6/04	Axi B-11 5-7' 1/6/04	Axi B-12 9-10.7' 1/6/04
Anthracene	50	0.11	0.0995	0.964	U	0.112	0.105	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Benzo(a)anthracene	0.224	U	U	**1.65**	U	0.215	0.187	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Benzo(a) pyrene	0.061	U	U	U	U	**0.223**	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Benzo(b)fluoranthene	1.1	U	U	U	U	0.148	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
bis(2-Chloroethyl)Ether		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
bis(2-Ethylhexyl)Phthalate	50	1.18	0.481	U	0.5	0.435	0.444	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Chrysene	0.4	U	U	**1.41**	U	0.201	0.163	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Di-n-Butyl Phthalate	8.1	1.16	1.33	2.14	1.61	1.2	1.37	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Fluoranthene	50	U	0.145	U	U	0.254	0.165	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
2-Methylnaphthalene	36.4	0.294	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Naphthalene	13	0.0801	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Phenanthrene	50	0.174	0.13	1.01	U	0.187	0.14	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Pyrene	50	U	0.14	U	U	0.255	0.168	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Total SVOCs		2.9981	2.3255	7.174	2.11	3.23	2.742	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Analyte (mg/kg)	NYSDEC RSCO	Sample Location																					
		Axi B-13 3-5' 1/6/04	Axi B-14 3-5' 1/6/04	Axi B-15 3-5' 1/6/04	Axi B-16 7-9' 1/6/04	Axi B-17 5-6.2' 1/6/04	Axi B-18 8-8.7' 1/9/04	Axi B-19 8-8.7' 1/7/04	Axi B-20 6-7.2' 1/7/04	Axi B-21 0.5-1.8' 1/7/04	Axi B-22 0.5-1.8' 1/7/04	Axi B-23 1.1-2.2' 1/8/04	Axi B-24 1.8-3.2' 1/8/04	Axi B-25 4-6' 1/7/04	Axi B-26 NS NS	Axi B-27 2.5-4.5' 1/7/04	Axi B-28 2-4' 1/8/04	Axi B-29 12-13.1' 1/8/04	Axi B-30 3-5' 1/8/04	Axi B-31 1-3' 1/8/04	Axi B-32 0-2' 1/8/04	Axi B-33 0.5-2' 1/9/04	Axi B-34 1-3' 1/9/04
Anthracene	50	U	U	U	U	U	U	U	U	U	U	U	U	U	NS	NS	U	U	U	U	U	U	U
Benzo(a)anthracene	0.224	U	U	U	U	U	U	U	U	U	U	U	U	U	NS	NS	U	U	U	U	U	U	U
Benzo(a) pyrene	0.061	U	U	U	U	U	U	U	U	U	U	U	U	U	NS	NS	U	U	U	U	U	U	U
Benzo(b)fluoranthene	1.1	U	U	U	U	U	U	U	U	U	U	U	U	U	NS	NS	U	U	U	U	U	U	U
bis(2-Chloroethyl)Ether		U	U	U	U	U	U	U	U	U	U	U	U	U	NS	NS	U	U	U	U	U	U	U
bis(2-Ethylhexyl)Phthalate	50	U	U	U	U	U	U	U	U	U	U	U	U	U	NS	NS	U	U	U	U	U	U	U
Chrysene	0.4	U	U	U	U	U	U	U	U	U	U	U	U	U	NS	NS	U	U	U	U	U	U	U
Di-n-Butyl Phthalate	8.1	U	U	U	U	U	U	U	U	U	U	U	U	U	NS	NS	U	U	U	U	U	U	U
Fluoranthene	50	U	U	U	U	U	U	U	U	U	U	U	U	U	NS	NS	U	0.317	U	U	U	U	U
2-Methylnaphthalene	36.4	U	U	U	U	U	U	U	U	U	U	U	U	U	NS	NS	U	U	U	U	U	U	U
Naphthalene	13	U	U	U	U	U	U	U	U	U	U	U	U	U	NS	NS	U	U	U	U	U	U	U
Phenanthrene	50	U	U	U	U	U	U	U	U	U	U	U	U	U	NS	NS	U	0.327	U	U	U	U	U
Pyrene	50	U	U	U	U	U	U	U	U	U	U	U	U	U	NS	NS	U	0.69	U	U	U	U	U
Total SVOCs		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	ND	1.334	ND	ND	ND	ND	ND

Analyte (mg/kg)	NYSDEC RSCO	Sample Location												
		Axi SEP1 seep 1/9/04	Axi SEP2 seep 1/9/04	Axi TP11 2' 1/28/04	Axi TP12 2' 1/28/04	Axi TP14 3.5' 1/28/04	Axi TP16 1.5' 1/28/04	Axi TP17 3' 1/28/04	Axi TP18 2' 1/28/04	Axi TP19 2' 1/28/04	Axi TP20 4' 1/28/04	Axi TP21 3' 1/28/04	Axi TP22 3.5' 1/28/04	Axi TP23B 3' 1/28/04
Anthracene	50	U	U	U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	0.224	U	U	U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a) pyrene	0.061	U	U	U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	1.1	U	U	U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
bis(2-Chloroethyl)Ether		U	U	U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
bis(2-Ethylhexyl)Phthalate	50	U	U	U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	0.4	U	U	U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Di-n-Butyl Phthalate	8.1	U	U	U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	50	U	U	U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
2-Methylnaphthalene	36.4	U	U	0.3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	13	U	U	2.24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Phenanthrene	50	U	U	0.506	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	50	U	U	U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total SVOCs		ND	ND	3.046	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

NYSDEC RSCO - recommended soil cleanup objectives from NYSDEC TAGM-4046.

NS - Compound not analyzed.

Bold Highlighted Cell - Value exceeds the NYSDEC RSCO.

U - Compound not detected above the laboratory detection limit.

ND - Not detected.

Data provided by Environmental Products and Services, Inc. (May 2003) and ERM (March 2004).

Table 2-4 Summary of Total Metal Detections in Soil. Axiohm Facility, Ithaca, NY

Analyte (mg/kg)	NYSDEC RSCO	Sample Location																		
		HTP-1 10-10.5' 2/20/03	CHEM-1 10-11' 2/20/03	CHEM-2 8-9.2' 2/20/03	CHEM-3 4-5' 3/14/03	CHEM-4 2-4' 3/14/03	CHEM-5 4-5' 3/14/03	Axi B-1 3-5' 1/6/04	Axi MW-5 5-7' 1/5/04	Axi B-2 7-9' 1/5/04	Axi B-3 7-9' 1/5/04	Axi B-4 13-14.5' 1/6/04	Axi B-5 3-5' 1/6/04	Axi B-6 7-9' 1/6/04	Axi B-7 13-14' 1/5/04	Axi B-8 9-11' 1/6/04	Axi B-9 11-12.5' 1/6/04	Axi B-10 9-11' 1/6/04	Axi B-11 5-7' 1/6/04	Axi B-12 9-10.7' 1/6/04
Aluminum	SB	NS	NS	NS	NS	NS	NS	10900	11100	9140	7602	9270	6280	8760	8050	11400	9930	8160	12800	12700
Arsenic	7.5 or SB	U	U	U	U	12.5	U	4.17	U	U	U	U	U	U	U	U	U	U	U	U
Barium	300 or SB	79.7	53.2	45.8	27.6	30	41	51.4	49.5	29.1	18.2	40.6	26.2	50.6	58.6	49.4	49.5	37.7	49.8	45.9
Beryllium	0.16 or SB	NS	NS	NS	NS	NS	NS	0.528	0.476	U	U	U	U	U	U	U	U	U	0.556	0.569
Cadmium	1 or SB	0.43	0.42	U	0.52	0.58	0.64	0.81	0.815	0.694	1.35	0.697	0.535	0.712	0.676	0.841	1.15	1.25	0.851	0.865
Calcium	SB	NS	NS	NS	NS	NS	NS	34600	3390	59500	61700	26000	49300	53700	85600	9870	21400	9240	1160	1130
Chromium	10 or SB	50.8	15.1	13.8	25.1	25.6	25.9	14.7	15.4	12.5	8.99	12.8	8.1	11.6	11	61.9	74.1	174	17.1	16.2
Cobalt	30 or SB	NS	NS	NS	NS	NS	NS	8.29	9.41	8.01	6.39	6.61	5.03	6.83	7.07	10.1	8.65	9.47	9.74	11.2
Copper	25 or SB	NS	NS	NS	NS	NS	NS	24.7	25	18.4	36.4	25.6	20.7	22.4	16	18.3	22.4	38.7	25.2	15.3
Iron	2,000 or SB	NS	NS	NS	NS	NS	NS	25100	25400	21700	61000	22600	16500	22200	20200	23000	24900	20600	27300	27200
Lead	SB	U	53.7	7.74	12.8	12.8	20.8	5.77	6.19	1.82	U	4.35	4.78	10.7	2.96	5.58	7.66	10.7	8.54	7.78
Magnesium	SB	NS	NS	NS	NS	NS	NS	10400	3840	11100	7610	7030	7300	8700	7030	4490	5420	3780	3790	3950
Manganese	SB	NS	NS	NS	NS	NS	NS	471	647	455	536	425	426	495	500	435	551	423	448	601
Nickel	13 or SB	NS	NS	NS	NS	NS	NS	22.2	22.3	19.2	18.3	18.5	14	18.5	17.5	26.4	32.3	69.6	22.9	23.3
Potassium	SB	NS	NS	NS	NS	NS	NS	907	U	U	U	U	U	U	U	U	U	U	U	U
Sodium	SB	NS	NS	NS	NS	NS	NS	U	U	U	U	U	U	U	U	U	U	U	U	U
Vanadium	150 or SB	NS	NS	NS	NS	NS	NS	15.2	14.1	15.2	U	8.38	6.34	10.4	8.45	11.7	9.45	6.74	15.7	14.7
Zinc	20 or SB	NS	NS	NS	NS	NS	NS	60	69	U	55.4	55.5	51.8	70.3	51.2	549	586	1840	68.4	U
Hexavalent Chromium		NS	NS	NS	NS	NS	NS	U	U	U	U	U	U	U	U	11.5	U	25.7	U	U
Cyanide (total)		3.85	0.608	U	0.051	0.074	0.219	U	U	U	U	U	U	U	U	27.5	18.1	41.7	U	U
pH		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Analyte (mg/kg)	NYSDEC RSCO	Sample Location																			
		Axi B-13 3-5' 1/6/04	Axi B-14 3-5' 1/6/04	Axi B-15 3-5' 1/6/04	Axi B-16 7-9' 1/6/04	Axi B-17 6-6.2' 1/6/04	Axi B-18 8-8.7' 1/9/04	Axi B-19 8-8.7' 1/7/04	Axi B-20 6-7.2' 1/7/04	Axi B-21 0.5-1.8' 1/7/04	Axi B-22 0.5-1.8' 1/7/04	Axi B-23 1.1-2.2' 1/8/04	Axi B-24 1.8-3.2' 1/8/04	Axi B-25 4-6' 1/7/04	Axi B-26 NS NS	Axi B-27 2.5-4.5' 1/7/04	Axi B-28 2-4' 1/8/04	Axi B-29 12-13.1' 1/8/04	Axi B-30 3-5' 1/8/04	Axi B-31 1-3' 1/8/04	Axi B-32 0-2' 1/8/04	Axi B-33 0.5-2' 1/9/04	Axi B-34 1-3' 1/9/04
Aluminum	SB	12800	11700	14000	9490	10700	13000	12000	9960	9390	12500	11400	11700	12200	NS	NS	13300	13200	10100	14100	11700	11000	16300
Arsenic	7.5 or SB	3.81	U	U	U	U	7.44	3.74	U	U	U	8.45	9.81	U	NS	NS	11.5	8.67	5.6	5.93	10.7	6.43	7.75
Barium	300 or SB	53.5	64.3	103	44.6	37.9	62.5	53.3	64	37.6	47.7	31.4	55.1	69.4	NS	NS	65.5	98.3	94.7	78.6	73.4	39.7	88.9
Beryllium	0.16 or SB	0.535	0.561	0.697	U	0.486	0.614	0.541	0.489	U	0.491	0.49	0.522	0.696	NS	NS	0.638	0.608	0.554	0.694	0.636	0.502	0.789
Cadmium	1 or SB	0.854	0.837	0.885	0.694	0.708	U	0.748	0.838	0.722	0.857	U	U	0.794	NS	NS	U	U	U	U	U	U	U
Calcium	SB	22800	33800	78700	11400	10000	7250	5310	2510	33000	8780	19700	11500	3860	NS	NS	9380	7040	82200	3740	6490	15200	37300
Chromium	10 or SB	16.9	16.1	18.6	12.5	14.1	17.5	14.6	13.2	12.1	16.7	14.6	14.2	14.8	NS	NS	17	89.6	13.7	18.5	16.1	14.4	19.9
Cobalt	30 or SB	11.3	8.25	8.68	8.52	8.55	10.5	8.58	9.83	9.38	11.5	20.3	12.9	9.29	NS	NS	13.1	12.4	8.32	13.9	13.5	7.22	11.4
Copper	25 or SB	21.6	25	20.3	17	22.8	24.9	25.5	27	23.8	18.1	25.6	28.8	15	NS	NS	26.4	46.1	20.7	26	22.2	22	24
Iron	2,000 or SB	27800	30200	29100	21400	26800	26300	24700	30000	23300	30400	29300	28800	26100	NS	NS	33800	32900	25400	30600	31400	26800	33800
Lead	SB	12.9	8.04	7.54	5.13	12.6	4.3	5.34	8.01	18	7.87	U	2.09	6.55	NS	NS	4.11	U	U	8.85	10.5	4	3.96
Magnesium	SB	10200	9430	12300	5730	5240	5640	3630	3240	6570	5830	7020	5450	3650	NS	NS	7010	6530	16800	5630	5350	4820	12700
Manganese	SB	507	501	833	594	310	425	310	680	512	446	400	467	694	NS	NS	577	992	608	608	664	324	1080
Nickel	13 or SB	27.1	23.6	25	19.6	22.7	25.1	19.3	27.6	18.6	24.1	23.3	23.2	20.4	NS	NS	28.8	52.6	23.4	28.8	26.7	17.1	28.4
Potassium	SB	845	829	U	499	613	932	819	354	387	761	470	409	694	NS	NS	393	437	518	472	323	711	2450
Sodium	SB	U	130	262	232	387	U	200	166	267	237	U	U	132	NS	NS	U	U	U	U	U	U	U
Vanadium	150 or SB	15.1	15.3	16.7	9.77	11.8	20	16.6	13.6	8.53	11.8	13.1	13.3	12.7	NS	NS	16.4	14.8	15.2	19.2	15.1	18.7	24.5
Zinc	20 or SB	57.9	59.6	57.8	44.8	59.1	53.1	58.9	65.8	61.9	70.9	43.3	43	52.6	NS	NS	54.7	1160	40.9	55	57.6	49.5	64.5
Hexavalent Chromium		U	U	U	U	U	U	U	U	U	U	U	U	U	NS	NS	U	16.1	U	U	U	NS	U
Cyanide (total)		U	U	U	U	U	U	U	U	U	U	U	U	U	NS	NS	U	21.5	U	U	U	NS	U
pH		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	9.09	NS

Analyte (mg/kg)	NYSDEC RSCO	Sample Location												
		Axi SEP1 seep 1/9/04	Axi SEP2 seep 1/9/04	Axi TP11 2' 1/28/04	Axi TP12 2' 1/28/04	Axi TP14 3.5' 1/28/04	Axi TP16 1.5' 1/28/04	Axi TP17 3' 1/28/04	Axi TP18 2' 1/28/04	Axi TP19 2' 1/28/04	Axi TP20 4' 1/28/04	Axi TP21 3' 1/28/04	Axi TP22 3.5' 1/28/04	Axi TP23B 3' 1/28/04
Aluminum	SB	14000	10300	12300	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	7.5 or SB	U	U	9.62	NS	NS	NS	NS	NS	NS	7.28	5.3	7.48	7.11
Barium	300 or SB	68.4	71.9	105	NS	NS	NS	NS	NS	NS	61.3	80.3	64.7	91.6
Beryllium	0.16 or SB	0.71	U	0.623	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cadmium	1 or SB	U	U	U	NS	NS	NS	NS	NS	NS	U	U	U	U
Calcium	SB	2100	5630	13800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chromium	10 or SB	15.6	12.7	27.9	NS	NS	NS	NS	NS	NS	9.79	10.1	15.6	11.5
Cobalt	30 or SB	9.48	6.67	11.7	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Copper	25 or SB	17.9	22.2	36.8	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Iron	2,000 or SB	26100	16900	30400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	SB	16.3	48.7	78.4	NS	NS	NS	NS	NS	NS	37.8	18.7	43.8	24.6
Magnesium	SB	3650	2760	4760	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Manganese	SB	164	131	859	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nickel	13 or SB	21.1	16.8	19.6	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Potassium	SB	963	881	542	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Sodium	SB	U	U	U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	150 or SB	NS	NS	17.8	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	20 or SB	59.1	83.6	71.3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Hexavalent Chromium		U	U	U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cyanide (total)		U	U	U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
pH		7.93	7.33	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

NYSDEC RSCO - recommended soil cleanup objectives from NYSDEC TAGM-4046.

NS - Compound not analyzed.

Bold Highlighted Cell - Value exceeds the NYSDEC RSCO.

U - Compound not detected above the laboratory detection limit

SB - Site background.

Data provided by Environmental Products and Services, Inc. (May 2003) and ERM (March 2004).

Table 2-5 Summary of PBC Detections in Soil. Axiohm Facility, Ithaca, NY

Aroclor (ug/kg)	NYSDEC RSCO	Sample Location															
		Axi B-1 3-5' 1/5/04	Axi MW-5 5-7' 1/5/04	Axi B-2 7-9' 1/5/04	Axi B-3 7-9' 1/5/04	Axi-B-4 13-14.5' 1/6/04	Axi B-5 3-5' 1/6/04	Axi B-6 7-9' 1/6/04	Axi B-7 13-14' 1/6/04	Axi B-8 9-11' 1/6/04	Axi B-9 11-12.5' 1/6/04	Axi B-10 9-11' 1/6/04	Axi B-11 5-7' 1/6/04	Axi B-12 9-10.7' 1/6/04	Axi B-13 3-5' 1/6/04	Axi B-14 3-5' 1/6/04	Axi B-15 3-5' 1/6/04
PCB-1254	10,000	NS	U	NS	NS	U	NS	NS	U	235	150	93.9	U	NS	NS	NS	NS

NYSDEC RSCO - recommended soil cleanup objectives from NYSDEC TAGM-4046

NS -Compound not analyzed

Bold Type - Value exceeds the NYSDEC Standards or Guidance value

Aroclor (ug/Kg)	NYSDEC RSCO	Sample Location															
		Axi B-16 7-9' 1/6/04	Axi B-17 5-6.2' 1/6/04	Axi B-18 8-8.7' 1/9/04	Axi B-19 8-8.7' 1/7/04	Axi B-20 6-7.2' 1/7/04	Axi B-21 0.5-1.8' 1/7/04	Axi B-22 0.5-1.8' 1/7/04	Axi B-23 1.1-2.2' 1/8/04	Axi B-24 1.8-3.2' 1/8/04	Axi B-25 4-6' 1/7/04	Axi B-26 NA NA	Axi B-27 2.5-4.5' 1/7/04	Axi B-28 2-4' 1/8/04	Axi B-29 12-13.1' 1/8/04	Axi B-30 3-5' 1/8/04	Axi B-31 1-3' 1/8/04
PCB-1254	10,000	NS	NS	U	54.9	U	NS	NS	NS	NS	NS	NS	U	NS	317	NS	NS

NYSDEC RSCO - recommended soil cleanup objectives from NYSDEC TAGM-4046

NS -Compound not analyzed

Bold Type - Value exceeds the NYSDEC Standards or Guidance value

Aroclor (ug/Kg)	NYSDEC RSCO	Sample Location															
		Axi B-32 0-2' 1/8/04	Axi B-33 0.5-2' 1/9/04	Axi B-34 1-3' 1/9/04	Axi SEP1 seep 1/9/04	Axi SEP2 seep 1/9/04	Axi TP11 2' 1/28/04	Axi TP12 2' 1/28/04	Axi TP14 3.5' 1/28/04	Axi TP16 1.5' 1/28/04	Axi TP17 3' 1/28/04	Axi TP18 2' 1/28/04	Axi TP19 2' 1/28/04	Axi TP20 4' 1/28/04	Axi TP21 3' 1/28/04	Axi TP22 3.5' 1/28/04	Axi TP23B 3' 1/28/04
PCB-1254	10,000	NS	U	NS	U	U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

NYSDEC RSCO - recommended soil cleanup objectives from NYSDEC TAGM-4046.

NS - Aroclor not analyzed.

U - Aroclor not detected above the laboratory detection limit.

Data provided by Environmental Products and Services, Inc. (May 2003) and ERM (March 2004).

Table 2-6 Summary of VOC and SVOC Detections in Groundwater. Axiohm Facility, Ithaca, NY.

Analyte (ug/L)	NYSDEC Standards	Sample Location												
		Axi MW-1 4/25/03	Axi MW-2 4/25/03	Axi MW-3 4/25/03	Axi MW-4 4/25/03	Axi MW-1 1/14/04	Axi MW-2 1/14/04	Axi MW-3 1/14/04	Axi MW-4 1/14/04	Axi MW-5 1/13/04	Axi MW-6 1/14/04	Axi MW-7 1/14/04	Axi MW-8 1/14/04	Axi MW-9 1/15/04
Acetone	50	U	U	U	U	U	U	U	U	U	U	22.1	U	U
Benzene	1	U	U	U	U	U	U	U	U	U	U	U	U	**7.15**
Bromochloromethane	5	NS	NS	NS	NS	U	U	U	U	U	U	U	U	U
2-Butanone	50	U	U	U	U	U	U	U	U	U	U	U	U	U
n-Butylbenzene	5	NS	NS	NS	NS	U	U	U	U	U	U	U	U	**11.2**
sec-Butylbenzene	5	NS	NS	NS	NS	U	U	U	U	U	U	U	U	**6**
Chloroform	7	U	U	U	U	U	U	U	U	U	U	U	U	U
Dibromochloromethane	50(G)	U	U	U	U	U	U	U	U	U	U	U	U	U
1,1-Dicholoroethane	5	U	**7.4**	U	2.12	U	**10.6**	1.7	2.54	U	U	1.68	**36.8**	**8.15**
1,1-Dicholorethene	5	NS	NS	NS	NS	U	1.98	U	U	U	U	3.64	U	U
cis-1,2-Dicholoroethene	5	NS	NS	NS	NS	U	**155**	**18.6**	**5.56**	2.52	3.35	**3970**	**205**	**38.2**
trans-1,2-Dichloroethene	5	U	**12.9**	U	U	U	**6.63**	U	U	U	U	**46.3**	**10.6**	**7.15**
Naphthalene	10(G)	NS	NS	NS	NS	U	U	U	U	U	U	U	U	U
1,1,1,2-Tetrachloroethane	5	NS	NS	NS	NS	U	U	U	U	U	U	U	U	U
Toluene	5	U	**6.2**	1.04	U	U	U	U	U	U	U	1.43	**6.7**	**5.9**
1,1,1-Trichloroethane	5	U	U	2.87	3.31	U	1.73	4.37	4.18	U	U	1.23	U	U
Trichloroethene	5	**10.1**	**252**	**40.3**	**12.8**	1.17	**221**	**82.1**	**19**	**9.06**	**13.9**	**448**	**560**	**178**
1,2,4-Trimethylbenzene	5	NS	NS	NS	NS	U	U	U	U	U	U	U	U	**6.65**
Vinyl Chloride	2	U	**152**	U	U	U	**79.4**	U	U	U	U	**97.3**	**117**	**89.3**
TOTAL VOCs		10.1	430.5	44.21	18.23	1.17	476.34	106.77	31.28	11.58	17.25	4591.68	936.1	357.7
TOTAL SVOCs		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Analyte (ug/L)	NYSDEC Standards	Sample Location						
		Axi MW-10 1/12/04	Axi MW-11 1/13/04	Axi MW-12 1/15/04	Axi MW-13 1/15/04	Axi MW-14 1/14/04	Axi MW-15 1/15/2004	Axi H2O Tank^ 1/15/2004
Acetone	50	U	U	U	U	U	U	U
Benzene	1	U	U	U	U	U	U	U
Bromochloromethane	5	U	U	U	U	U	U	U
2-Butanone	50	U	U	U	U	U	U	U
n-Butylbenzene	5	U	U	2.42	U	U	**15.4**	U
sec-Butylbenzene	5	U	U	1.17	U	U	**6.05**	U
Chloroform	7	U	U	U	U	U	U	6.46
Dibromochloromethane	50(G)	U	U	U	U	U	U	1.07
1,1-Dicholoroethane	5	4.82	U	1.75	4.19	4.51	U	U
1,1-Dicholorethene	5	U	U	U	U	4.2	U	U
cis-1,2-Dicholoroethene	5	**5.82**	**18.9**	**22.6**	U	**114**	U	U
trans-1,2-Dichloroethene	5	U	U	1.44	U	**7.39**	U	U
Naphthalene	10(G)	U	U	U	U	U	8.6	U
1,1,1,2-Tetrachloroethane	5	U	U	U	U	U	U	U
Toluene	5	U	U	U	U	U	U	U
1,1,1-Trichloroethane	5	**5.96**	U	3.35	U	**5.34**	U	U
Trichloroethene	5	**18.4**	**28.4**	**47.1**	U	**511**	U	U
1,2,4-Trimethylbenzene	5	U	U	U	U	U	U	U
Vinyl Chloride	2	1	U	U	U	**20.2**	U	U
TOTAL VOCs		36	47.3	79.83	4.19	666.64	30.05	7.53
TOTAL SVOCs		ND	ND	ND	ND	ND	ND	NS

NYSDEC Standards - NYS Division of Water Technical and Administrative Guidance Series (1:1.1) 1998.

(G) - Indicates a NYS guidance value where a standard has not been established.

NS - Compound not analyzed.

Bold Highlighted Cell - Value exceeds the NYSDEC standard or guidance value.

U - Compound not detected above the laboratory detection limit.

ND - Not detected.

^ - Not a groundwater sample.

Data provided by Environmental Products and Services, Inc. (May 2003) and ERM (March 2004).

Table 2-7. Summary of Total Metal Detections in Groundwater. Axiohm Facility, Ithaca, NY.

Analyte (mg/L)	NYSDEC Standards	Sample Location																		
		Axi MW-2 4/25/03	Axi MW-3 4/25/03	Axi MW-4 4/25/03	Axi MW-1 1/14/04	Axi MW-2 1/14/04	Axi MW-3 1/14/04	Axi MW-4 1/14/04	Axi MW-5 1/13/04	Axi MW-6 1/14/04	Axi MW-7 1/14/04	Axi MW-8 1/14/04	Axi MW-9 1/15/04	Axi MW-10 1/12/04	Axi MW-11 1/13/04	Axi MW-12 1/15/04	Axi MW-13 1/15/04	Axi MW-14 1/14/04	Axi MW-15 1/15/2004	Axi H2O Tank^ 1/15/2004
Silver	0.05	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NS	NS
Aluminum		NS	NS	NS	124	U	0.168	U	20.7	1.44	1.25	4.93	9.84	0.236	0.84	5.26	36.8	U	NS	NS
Arsenic	0.025	**0.0363**	**0.135**	**0.046**	**0.0698**	U	U	U	0.0248	U	U	U	U	U	U	U	**0.0266**	U	NS	NS
Barium	1	**1.22**	**1.57**	0.864	0.948	0.131	0.0408	0.0387	0.242	0.0908	0.11	0.196	0.435	0.0356	0.0508	0.508	0.356	0.295	NS	NS
Beryllium	0.003(G)	NS	NS	NS	U	U	U	U	0.0012	U	U	U	U	U	U	U	0.0014	U	NS	NS
Cadmium	0.005	**0.0222**	U	U	U	U	U	U	0.0015	U	U	U	U	U	U	U	U	U	NS	NS
Calcium		NS	NS	NS	254	103	77.2	U	110	111	163	104	126	U	85.2	165	214	444	NS	NS
Chromium	0.05	**6.99**	**0.514**	**0.303**	**0.172**	0.008	0.0025	U	0.0416	0.0042	0.0036	**0.244**	**0.564**	U	U	**0.196**	**0.0675**	0.0042	NS	NS
Cobalt		NS	NS	NS	0.112	U	0.0076	U	0.0289	U	U	0.0041	0.0079	U	U	0.0053	0.0468	0.0032	NS	NS
Copper	0.2	NS	NS	NS	**0.316**	0.0041	U	U	0.02	0.0052	0.0035	0.0224	0.0676	U	U	0.0981	0.146	0.0034	NS	NS
Iron	0.3	NS	NS	NS	**249**	**0.633**	**0.301**	**1.09**	**44.5**	**2.45**	**2.29**	**8.2**	**17.7**	**0.306**	**1.36**	**8.95**	**78.3**	**1.73**	NS	NS
Lead	0.025	**0.29**	**0.175**	**0.13**	**0.0755**	U	U	U	0.0158	0.0163	U	0.0082	**0.0436**	U	U	0.0183	**0.0342**	U	NS	NS
Magnesium	35(G)	NS	NS	NS	**93.2**	22.9	17.2	12.8	28.9	20.1	33.2	23.7	28.6	13.2	20	**41.9**	**48**	**69.1**	NS	NS
Manganese	0.3	NS	NS	NS	**10.1**	**0.656**	0.123	**0.477**	**2.78**	0.168	**1.19**	**1.06**	**1.2**	**1.09**	**1.66**	**1.47**	**2.44**	**2.82**	NS	NS
Mercury	0.0007	**0.0011**	0.000329	0.00026	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NS	NS
Nickel	0.1	NS	NS	NS	**0.245**	U	0.0027	U	0.0502	0.0136	0.0045	0.0374	0.0494	U	0.0028	0.0665	0.0684	0.0066	NS	NS
Potassium		NS	NS	NS	13.8	4	1.86	U	10.1	6.41	19.6	9.22	6.48	U	10.4	6.06	9.66	33.8	NS	NS
Sodium	20	NS	NS	NS	**263**	**207**	**86**	U	**233**	**182**	**214**	**227**	**254**	U	**137**	**436**	**430**	**1980**	NS	NS
Vanadium		NS	NS	NS	NS	U	NS	NS	NS	NS	NS	0.006	0.0232	NS	NS	0.0076	0.0472	0.0026	NS	NS
Zinc	2(G)	NS	NS	NS	1.08	0.0573	0.0099	0.0076	0.1	0.0204	0.0242	1.94	**4.85**	0.0092	0.0125	**2.08**	0.545	U	NS	NS
Hexavalent Chromium	0.05	NS	NS	NS	U	NS	U	U	U	NS	0.009	NS	NS	U	U	0.025	NS	NS	NS	NS
Cyanide (total)	0.2	**4.77**	0.108	0.078	U	**0.202**	0.197	**0.564**	U	NS	NS	**1.2**	**1.78**	0.0426	U	0.0817	U	0.0127	NS	NS
pH		NS	NS	NS	7.88	NS	6.75	6.82	8.1	NS	7.88	NS	NS	6.77	7.11	7.77	NS	NS	NS	NS

NYSDEC Standards - NYS Division of Water Technical and Administrative Guidance Series (1.1.1) 1998.

(G) - Indicates a NYS guidance value where a standard has not been established.

NS - Compound not analyzed.

Bold Highlighted Cell - Value exceeds the NYSDEC standard or guidance value.

U - Compound not detected above the laboratory detection limit.

^ - Not a groundwater sample.

Data provided by Environmental Products and Services, Inc. (May 2003) and ERM (March 2004).

Table 2-8. Summary of PCB Detections in Groundwater. Axiohm Facility, Ithaca, NY.

Analyte (ug/L)	NYSDEC Standards	Sample Location																		
		Axi MW-2 4/25/03	Axi MW-3 4/25/03	Axi MW-4 4/25/03	Axi MW-1 1/14/04	Axi MW-2 1/14/04	Axi MW-3 1/14/04	Axi MW-4 1/14/04	Axi MW-5 1/13/04	Axi MW-6 1/14/04	Axi MW-7 1/14/04	Axi MW-8 1/14/04	Axi MW-9 1/15/04	Axi MW-10 1/12/04	Axi MW-11 1/13/04	Axi MW-12 1/15/04	Axi MW-13 1/15/04	Axi MW-14 1/14/04	Axi MW-15 1/15/2004	Axi H2O Tank^ 1/15/2004
PCB-1016		NS	NS	NS	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NS	NS
PCB-1221		NS	NS	NS	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NS	NS
PCB-1232		NS	NS	NS	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NS	NS
PCB-1242		NS	NS	NS	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NS	NS
PCB-1248		NS	NS	NS	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NS	NS
PCB-1254		NS	NS	NS	U	U	U	U	U	U	U	U	0.737	U	U	3.41	U	U	NS	NS
PCB-1260		NS	NS	NS	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NS	NS
Total Aroclors	0.09	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	0.737	ND	ND	3.41	ND	ND	NS	NS

NYSDEC Standards - NYS Division of Water Technical and Administrative Guidance Series (1.1.1) 1998.

NS - Compound not analyzed.

Bold Highlighted Cell - Value exceeds the NYSDEC standard or guidance value.

U - Compound not detected above the laboratory detection limit.

ND - Not detected.

^ - Not a groundwater sample.

Data provided by Environmental Products and Services, Inc. (May 2003) and ERM (March 2004).

Table 2-9. Summary of VOC Detections in Bedrock Groundwater. Axiohm Facility, Ithaca, NY.

Analyte (ug/L)	NYSDEC Standards	Sample Location			
		Axi-BRW-1S 3/14/2004	Axi-BRW-1D 3/14/2004	Axi-BRW-2S 3/14/2004	Axi-BRW-2D 3/14/2004
Organics					
Acetone	50	U	33.8	110	U
Benzene	1	U	2.74	3.19	U
Bromochloromethane	5	U	U	U	U
2-butanone (MEK)	50	U	U	12.8	U
n-Butylbenzene	5	U	U	U	U
sec-Butylbenzene	5	U	U	U	U
Cholorform	7	U	U	U	U
Dibromochloromethane	50(G)	U	U	U	U
1,1-Dicholorethane	5	U	U	U	U
1,2-Dicholorethene	5	U	U	U	U
cis-1,2-Dicholoroethene	5	52	11	U	U
trans-1,2-Dichloroethene	5	3.19	U	U	U
Naphthalene	10(G)	U	U	1.53	U
1,1,1,2-Tetrachloroethane	5	U	U	U	U
Toluene	5	1.78	4.06	4.22	1.32
1,1,1-Trichloroethane	5	U	U	U	U
Trichloroethene	5	132	U	U	U
1,2,4-Trimethylbenzene	5	U	U	U	U
Vinyl Chloride	2	3.26	U	U	U
TOTAL VOCs		192.23	51.6	131.74	1.32
Metals					
Silver	0.05	U	U	NS	U
Arsenic	0.025	U	0.0322	NS	0.0138
Barium	1	0.304	0.322	NS	0.109
Cadmium	0.005	0.0167	U	NS	U
Chromium	0.05	U	0.252	NS	0.103
Mercury	0.7	U	U	NS	U
Lead	0.025	U	0.007	NS	U
Vanadium		U	U	NS	U
Selenium	0.2	U	U	NS	U

NYSDEC Standards - NYS Division of Water Technical and Administrative uidacne Series (1.1.1) 1998

(G) - Inicates guidance vaule from New York State Ambient Water Quality Standards and Guidance Values June 1998

NS -Location was not sampled for this parameter

Bold Highlighted Cell - Value exceeds the NYSDEC Standards or Guidance value

U - Compound not detected

^ - Not a groundwater sample

Data provided by ERM (April 2004)

APPENDICES

Work Plan Appendix A

Quality Assurance Project Plan

Brownfield Cleanup Program
Remedial Investigation
950 Danby Road
Ithaca, New York

December 2005

WORK PLAN APPENDIX A
QUALITY ASSURANCE PROJECT PLAN
BROWNFIELD CLEANUP PROGRAM
REMEDIAL INVESTIGATION
950 DANBY ROAD
ITHACA, NEW YORK

Prepared for

South Hill Business Campus, LLC

Prepared by

S&W Redevelopment
of North America, LLC
430 East Genesee Street
Syracuse, New York 13202

December 2005

Project No.B4001

SECTION 1

PROJECT DESCRIPTION

The subject site (site) is located on the west side of New York State Route 96B (Danby Road) in the Town of Ithaca, Tompkins County, New York . The site is identified as Tompkins County, Town of Ithaca Tax Parcels 39.-1-1.1; 39.-1-1.2 and 39.-1-1.4, and is presently occupied by a split level two- and four-story office and manufacturing building consisting of approximately 280,000 square feet. South Hill Business Campus, LLC will develop a portion of the existing office building into a multi-tenant professional office complex. The remaining portion of the existing structure (former manufacturing space) will be developed for use by light manufacturing, and some non-manufacturing business start-ups. The balance of the property, approximately 40-50 acres, may be developed in the future with compatible commercial uses.

In order to support the proposed future use of the property, a voluntary Remedial Investigation (RI) will be completed at the site in accordance with a Brownfield Cleanup Agreement (BCA). This Work Plan sets forth the scope and methods that will be followed during the course of the RI program. RI objectives and methods have been developed in accordance with the New York State Department of Environmental Conservation's (NYSDEC) *Brownfield Program Cleanup Guidance* (NYSDEC May 2004), and relevant provisions of draft DER-10 *Technical Guidance for Site Investigation and Remediation* (NYSDEC, December 2002).

This Quality Assurance Project Plan (QAPP) has been developed to establish the procedures and protocols for collection and laboratory analysis of samples associated with the completion of the remedial investigation and remedial action under the BCP.

SECTION 2

PROJECT ORGANIZATION

The organization of the key project management and field sampling teams, and areas of responsibility are shown presented below.

Project Principal	David W. Stoner, C.P.G.	Provide technical and administrative oversight and guidance throughout the project, assist in securing company resources, participate in technical review of deliverables, and attend key meetings as needed.
Principal Engineer	Damian J. Vanetti, P.E.	Provide technical guidance and review of reports, analytical data. Will have key involvement in screening and development of remedial alternatives.
Project Manager	Daniel P. Ours, C.P.G.	Responsible for maintaining the day-to-day schedule for completing the fieldwork and deliverables according to budget, QA/QC, BCP requirements.
Field Team Leader	Mark Sergott	Responsible for coordinating and directing field efforts of S&W staff and subcontractors

SECTION 3

QA/QC OBJECTIVES FOR MEASUREMENT OF DATA

Levels of quality for all laboratory analyses shall be based on those stipulated in the New York State Department of Environmental Conservation Analytical Services Protocol (NYSDEC-ASP). If NYSDEC-ASP is not specific, then the USEPA CLP will be followed. For the remainder of this document, ASP shall refer to the most recent update of the NYSDEC-ASP (December 1991). Field blanks and duplicate samples will be collected for QA purposes according to ASP requirements. Number and frequency of blanks and duplicates is itemized by matrix group in the Field Sampling Plan (FSP).

Detection limits set by NYSDEC-ASP will be used for all sample analyses unless otherwise noted. If NYSDEC-ASP-dictated detection limits prove insufficient to assess project goals (i.e., comparison to drinking water standards or attainment of ARARs), then ASP Special Analytical Services (SAS) or other appropriate methods will be described in the FSP.

The quality assurance/quality control objectives for all measurement data include completeness, representativeness, comparability, precision and accuracy.

COMPLETENESS

The analyses performed must be appropriate and inclusive. The parameters selected for analysis are chosen to meet the objectives of the study.

Completeness of the analyses will be assessed by comparing the number of parameters intended to be analyzed with the number of parameters successfully determined and validated. Data must meet QC acceptance criteria for 100 percent or more of requested determinations.

REPRESENTATIVENESS

Samples must be taken of the population and, where appropriate, the population will be characterized statistically to express the degree to which the data accurately and precisely represent a characteristic of a population, parameter variations at a sampling point, a process, or environmental condition.

Non-dedicated sampling devices will be cleaned between sampling points by washing and rinsing with pesticide-grade methanol, followed by a thorough rinse with distilled water. Specific cleaning techniques are described in the Field Sampling Procedure. Two types of blank samples will accompany each sample set where Target Compound List (TCL) volatiles are to be analyzed (water matrix only). A trip blank, consisting of a 40 ml VOA vial of organic-free water prepared by the laboratory, will accompany each set of sample bottles from the laboratory to the field and back. This bottle will remain sealed throughout the shipment and sampling process. This blank will be analyzed for TCL volatile organic compounds along with the groundwater samples to ensure that contamination with TCL volatile compounds has not occurred during the bottle preparation, shipment and sampling phase of the project. In order to check for contaminant carryover when non-dedicated sampling equipment is used, a rinsate blank will be submitted to the laboratory. This blank will also be analyzed for TCL volatile organic compounds. The TCL compounds are identified in the United States Environmental Protection Agency (USEPA) Contract Laboratory Program dated 7/85 or as periodically updated.

The analysis results obtained from the determination of identical parameters in field duplicate samples can be used to further assess the representativeness of the sample data.

COMPARABILITY

Consistency in the acquisition, preparation, handling and analysis of samples is necessary in order for the results to be compared where appropriate. Additionally, the results obtained from analyses of the samples will be compared with the results obtained in previous studies, if available.

To ensure the comparability of analytical results with those obtained in previous or future testing, all samples will be analyzed by NYSDEC-approved methods. The NYSDEC-ASP mandated holding times for various analyses will be strictly adhered to.

PRECISION AND ACCURACY

The validity of the data produced will be assessed for precision and accuracy. Analytical methods which will be used include gas chromatography/mass spectrometry (GC/MS), gas chromatography (GC), colorimetry, atomic spectroscopy, gravimetric and titrametric techniques. The following outlines the procedures for evaluating precision and accuracy, routine monitoring procedures, and corrective actions to maintain analytical quality control. All data evaluations will be consistent with NYSDEC-ASP procedures. Data will be 100 percent compliant with NYSDEC-ASP requirements.

The requirements of QA/QC are both method specific and matrix dependent. The procedures to be used are described on this basis in Sections 6 and 9. The number of duplicate, spiked and blank samples analyzed will be dependent upon the total number of samples of each matrix to be analyzed, but there will be at least one split per matrix. The inclusion and frequency of analysis of field blanks and trip blanks will be on the order of one per each site. Samples to be analyzed for volatile organic compounds will be accompanied by trip and field blanks (water matrix) or field blanks (soil, sediment matrice).

Quality assurance audit samples will be prepared and submitted by the laboratory QA manager for each analytical procedure used. The degree of accuracy and the recovery of analyte to be expected for the analysis of QA samples and spiked samples is dependent upon the matrix, method of analysis, and compound or element being determined. The concentration of the analyte relative to the detection limit is also a major factor in determining the accuracy of the measurement. The lower end of the analytical range for most analyses is generally accepted to be five times the detection limit. At or above this level, the determination and spike recoveries for metals in water samples will be expected to range from 75 to 125 percent. The recovery of organic surrogate compounds and matrix spiking compounds determined by GC/MS will be compared to the guidelines for recovery of individual compounds as established by the United States Environmental Protection Agency Contract Laboratory Program dated 7/85 or as periodically updated.

The quality of results obtained for inorganic ion and demand parameters will be assessed by comparison of QC data with laboratory control charts for each test.

SECTION 4

SAMPLING PROCEDURES

SAMPLING PROGRAM

The soil sampling program will include the collection of soil samples from split spoon sampling devices retrieve from soil borings. Groundwater samples will be collected from groundwater monitoring wells.

A. Drilling/Sampling Procedures. Test borings shall be completed using the hollow stem auger drilling method for overburden drilling, and spun casing and NX-coring methods for bedrock drilling, to a depth specified by the SWRNA geologist.

Hollow stem auger drilling utilized for monitoring well completion will require a minimum 4-1/4 inch inside auger diameter. Samples of the encountered subsurface materials shall be collected continuously. The sampling method employed shall be ASTM D-1586/Split Barrel Sampling using a standard 2-foot long, 2-inch outside diameter split- spoon sampler with a 140-pound hammer. Upon retrieval of the sampling barrel, the collected sample shall be placed in glass jars and labeled, stored on site (on ice in a cooler if necessary), and transmitted to the appropriate testing laboratory or storage facility. Chain-of-custody procedures will be practiced following Section 15, EPA-600/4-82-029, Handbook for Sampling and Sample Preservation of Water and Waste Waters.

Bedrock borings will be completed by a combination of spun casing through the overburden, followed by core drilling through bedrock. Six-inch diameter black iron casing will be advanced two feet into the upper weathered bedrock zone (Figure 4-1), and grouted in place. After the grout has cured overnight, drilling will resume using a core barrel, attached at the bottom of a string of rods, which will be rotated and advanced through the grouted casing and a minimum of ten feet into the underlying bedrock. Core samples of rock material will be retrieved from the rock borings. Potable water will be used as needed to cool the cutting bit and carry cuttings to ground surface.

A geologist will be on site during the drilling operations to fully describe each soil and rock sample retrieved from the borings. Overburden soil samples will be described following the New York State Soil Description Procedure. Bedrock cores will be examined for evidence of fracturing, and will be

assigned rock quality designations (RQDs), which shall be defined as the sum total length of rock fragments greater than 4 inches, divided by the total core run length.

The drilling contractor will be responsible for obtaining accurate and representative samples, informing the geologist of changes in drilling pressure, keeping a separate general log of soils encountered including blow counts [i.e., the number of blows from a soil sampling drive weight (140 pounds)] required to drive the split-spoon sampler in 6-inch increments and installing monitoring wells to levels directed by the supervising geologist following specifications further outlined in this protocol.

B. Monitoring Well Completion. Monitoring wells will be constructed of 10 feet of 2-inch diameter 0.010-inch slot size PVC well screen and riser casing that will extend from the screened interval to the existing grade. Other materials utilized for completion will be washed silica sand (Q-Rock No. 4 or approved equivalent) bentonite grout, Portland cement, and a protective steel locking well casing and cap with locks. Well construction diagrams for both overburden and bedrock wells are shown on Figure 4-1.

The monitoring well installation method for wells installed within unconsolidated sediments shall be to place the screen and riser assembly into the casing once the screen interval has been selected. At that time, a washed silica sand pack will be placed around the well screen if required to prevent screen plugging. If a sand pack is not warranted, the auger string will be pulled back to allow the native aquifer material to collapse 2 to 3 feet above the top of the screen. Bentonite pellets will then be added to the annulus between the casing and the inside auger to insure proper sealing. Cement/bentonite grout will continue to be added during the extraction of the augers until the entire aquifer thickness has been sufficiently sealed off from horizontal and/or vertical flow above the screened interval. During placement of sand and bentonite pellets, frequent measurements will be made to check the height of the sand pack and thickness of bentonite layers by a weighted drop tape measure.

A vented protective steel casing shall be located over the standpipe extending 2 feet below grade and 2 to 3 feet above grade, secured by a Portland cement seal. The cement seal shall extend laterally at least 1 foot in all directions from the protective casing and shall slope gently away to drain water away from the well. A vented steel cap will be fitted on the protective casing. The cap shall be constructed so it may be secured with a steel lock.

Bedrock wells will be of a double-cased design (Figure 4-1), constructed of the same materials as the shallow overburden wells, including PVC screens and risers, with sand packs and bentonite/grout seals. The bedrock wells will be installed within the grouted iron casing that has been keyed into bedrock, with slotted PVC well screen and sand filter pack placed in the open bedrock borehole.

C. Well Development. All existing and newly installed monitoring wells will be developed or cleared of all fine-grained materials and sediments that have settled in or around the well during installation so that the screen is transmitting representative portions of the groundwater. The development will be by either pumping or bailing, in combination with surging, the goal being to produce relatively sediment-free groundwater samples.

A submersible bladder pump, or dedicated bailer lowered by rope, will be used to develop the wells. Pumping or bailing will continue for 10 well volumes, when the turbidity falls below 50 NTUs, or until specific conductivity, pH, and temperature are stable (i.e., consecutive readings are within 10 percent with no overall upward or downward trends in measurements). Periodically, bailing/pumping will be interrupted by periods of surging, during which a bailer will be raised and lowered in a plunger-like fashion, to repeatedly draw in and expel water through the well screen. Well development water will be disposed of on the ground surface at each well location.

D. Decontamination. All drilling equipment and associated tools including augers, drill rods, sampling equipment, wrenches and any other equipment or tools that have come in contact with contaminated materials will be decontaminated before any drilling on site begins, between each well, and prior to removing any equipment from the site. The preferred decontamination procedure will be to use a high pressure steam cleaner to remove soils and volatile organics from the equipment. The water used for this procedure will be contained and shall come from a controlled source, preferably a municipal drinking supply. Representative samples of the contained decontamination water and well development water will be screened in the field to determine the proper method of disposal. Every effort will be made to minimize the generation of contaminated water.

E. Groundwater Sampling Program.

1. **Well Evacuation.** Prior to sampling a monitoring well, the static water level will be recorded and the wells evacuated to assure that the water in the well is truly representative of the groundwater. All well data will be recorded on a field sampling record. For shallow wells or deep wells with a relatively low static water level, evacuation will be accomplished by using

a stainless steel or teflon bailer with a ball check valve at its lower end. A bladder may be used to evacuate the deeper wells at a rate of approximately 1 gpm. Water samples to be analyzed for volatile organics must be sampled by bailer.

2. **Sampling Procedure.** Groundwater samples for volatile organic compound (VOC) analysis will be collected using either stainless steel, teflon, or disposable polyethylene bailers with a ball check valve at the lower end. Incorporation of a check valve onto the bailers assures that a sample is representative of the depth to which the bailer is lowered. All samples will be removed from a depth just above the well screen to further assure a representative groundwater sample. Before and after sampling, the sampling device will be cleaned inside and out with soapy water, methanol, and then rinsed with distilled deionized water. Sampling procedures by bailer are summarized on Table 4.2.

Groundwater samples for parameters other than VOCs will be collected using a low stress (low flow) purge and sampling method, utilizing either a submersible bladder pump, or a peristaltic pump with dedicated tubing. The purpose of low stress purging and sampling is to collect groundwater samples from monitoring wells that are representative of groundwater conditions within a discrete vertical interval of the geologic formation. This is accomplished by setting the intake velocity of the sampling pump to a flow rate that limits drawdown within the well casing, thereby drawing in water from immediately adjacent to the pump intake, and minimizing disturbance of sediments to produce a low turbidity sample. Sampling procedures by low-flow methods are summarized on Table 4.3.

In addition to water samples collected from the monitoring wells, two types of "blanks" will be collected and submitted to the chemical laboratory for analyses. The blanks will consist of 40 ml VOA vials, as follows:

a. **Trip Blank.** A trip blank will be prepared before the sample bottles are sent by the laboratory. It consists of a sample of distilled, deionized water which accompanies the other sample bottles into the field and back to the laboratory. A trip blank will be included with each shipment of samples where sampling and analysis for TCL volatiles is planned (water matrix only). The trip blank will be analyzed for TCL volatile organic compounds as a measure of the internal laboratory procedures and their effect on the results.

b. **Field (Wash) Blanks.** Field wash blanks are analyzed to check the effectiveness of decontamination. Each sample consists of distilled deionized water (prepared by the laboratory) poured through a decontaminated bailer or other sampling apparatus. It is usually collected as a last step in the decontamination procedure prior to sampling of a monitoring well. The wash blank can be analyzed for all or some of the compounds which the subsequent monitoring well sample is scheduled for.

F. Soil Vapor Sampling.

Soil vapor sampling will be conducted in accordance with NYSDOH Guidance for Evaluating Indoor Air Intrusion in New York State (February 2005). Soil vapor samples will be collected in the vadose zone from shallow (5 feet) well points. Each well point will be installed in a shallow boring drilled either by hand-operated equipment (e.g. hand auger or percussion hammer drill), or by a small truck-mounted drill rig. Drilling equipment used shall be based on soil conditions, and the method that provides the most practical approach.

Each well point will consist of an inert sampling tube (polyethylene, stainless steel, or Teflon®) with a 6-inch screened section at the bottom through which soil vapors can be sampled. The screen slot size will be 0.0075 inches. A sampling zone will be created around the screened section by backfilling with 1 to 2 feet of porous course sand or glass beads, and at least three feet of bentonite will be placed above the porous sampling zone to form a seal from the surface. Native clean soil will be packed around the remaining annulus to the ground surface. Figure 4-2 shows a schematic of the soil vapor well design.

Each designated soil vapor sampling location will be purged of a minimum of three volumes using a low volume pump, and then attached to a regulator, and secured with a clamp. The regulator will then be attached to a 1-liter summa canister.

The regulator will be set to collect a soil vapor sample at a flow rate of less than 0.2 liters per minute. After the summa canister is filled, the valve will be closed.

Each canister will be listed according to a specific sample I.D. on a chain of custody form. Sample canisters will be delivered to the laboratory within 24 hours, and analyzed for VOCs by method TO-15. The detection limit for VOCs will be 1 $\mu g/m^3$ or less.

The soil vapor sampling effort will include the use inert helium tracer gas to verify that the soil vapor samples are not diluted by ambient air. The atmosphere around the sampling tube will be enriched with the tracer gas, and the soil vapor sample will be collected in the presence of the enriched tracer atmosphere. This will be accomplished by placing an inverted plastic pail over the sampling point, and filling the pail with the tracer gas via a small tube penetrating the site of the pail. Figure 4-2 includes the tracer gas setup. After the soil vapor sample is collected via summa canister, a second soil vapor sample will be collected using a syringe, and analyzed in the field for helium gas, to see if some of the tracer may have been inadvertently drawn into the gas probe during the sampling process.

Weather conditions in the 48 hours prior to the test, and during the test, will be noted, including average wind speed, precipitation, temperature, and barometric pressure.

G. Indoor and Outdoor Air Sampling

Indoor and outdoor air sampling will be conducted in accordance with NYSDOH Guidance for Evaluating Indoor Air Intrusion in New York State (February 2005). The air samples will be collected on a cold heating season day. The heating system of the building will be in "normal" operation (i.e maintaining a temperature between 60F and 70F) for at least 24 hours prior to and during the sample collection time.

The samples will be collected using evacuated 3 liter summa canisters. Flow regulators will maintain the low-flow intake of ambient air into the canister, over an 8-hour period, to approximate ambient air concentrations for a typical work shift. The flow intake will not exceed 0.2 liters per minute.

The summa canisters for indoor sampling will be placed in a central portion of the selected room(s), away from exterior walls, windows, vents, drains, and ducts. Areas with known or suspected sources of VOCs (e.g. chemical storage areas, petroleum-using equipment and machines, etc) will be avoided. The canisters will be placed at least three feet off of the floor and at least one foot away from the ceiling, so that breathing-level air is sampled.

Sampling will be conducted in the lowest occupied building space. A pre-sampling inspection will be conducted prior to the sampling event to identify and minimize conditions that may interfere with the testing. The inspection will evaluate the type of structure, floor layout, air flows, and physical conditions of the building being studied. This information, along with information on potential

sources of indoor air contamination will be identified on a building inventory form, completed as part of the comprehensive indoor air quality questionnaire included in the NYSDOH Guidance.

An outdoor air sample will be collected upwind of the building, in an area free of wind obstructions (tress, bushes), and away from potential contaminant sources (automobiles, gas stations, storage tanks, etc), at a height above the ground to represent breathing zones (3 to 5 feet high).

The summa canisters will be shipped to a New York State certified laboratory for volatile organic compounds (VOCs) analysis by EPA method TO-15. The detection limit for analysis will be 0.25 micrograms per cubic meter for TCE, and 1.0 microgram per cubic meter for other VOCs.

SAMPLE PRESERVATION AND SHIPMENT

Since all bottles will contain the necessary preservatives as shown in Table 4.1, they need only be filled. The 40 ml VOA vials must be filled brim full with no air bubbles. The other bottles should be filled to within about 1 inch from the top.

The bottles will be sent from the laboratory in coolers which will be organized on a per site basis. Following sample collection, the bottles should be placed on ice in the shipping cooler. The samples will be cooled to 4°C, but not frozen.

Final packing and shipment of coolers will be performed in accordance with guidelines outlined in the "User's Guide to the CLP".

TABLE 4.1

SAMPLE CONTAINERIZATION

ANALYSIS	BOTTLE TYPE	PRESERVATIVE	HOLDING TIME
Water Samples			
VOCs GC/MS (VOA - 8260)	40 mil, glass vial with septum cap	None	7 days
Metals[1]	1 liter, plastic bottle	Nitric acid to pH <2	6 months Mercury: 26 days
COD	Plastic or glass	Sulfuric acid to pH <2	28 days
pH	Plastic or glass	None	Analyze immediately
Soil, Sediment, Solid Waste			
VOCs GC/MS (8260)	Wide mouth, plastic or glass	None	7 days (until extraction, 40 days extracted)
Metals[1]	Wide mouth, plastic or glass	None	6 months Cyanide: 12 days Mercury: 28 days
Soil Vapor			
VOCs (T0-15)	6-liter stainless steel evacuated canister	None	7 days

All samples will be preserved with ice during collection and shipment.

(1) Metals refers to the 24 metals and cyanide in the Target Analyte List , Methods 6010/7470/7471 (NYSDEC-CLP 11/87).

TABLE 4.2

SAMPLING PROCEDURE FOR MONITORING WELLS USING BAILERS

1. Initial static water level recorded with an electric contact probe accurate to the nearest 0.1 foot.
2. Sampling device and electric contact probe decontaminated.
   - Sampling device and probe are rinsed with pesticide-grade methanol and distilled water.
   - Methanol is collected into a large funnel which empties into a five- gallon container.
3. Sampling device lowered into well.
   - Bailer lowered by dedicated PVC or polypropylene line.
4. Sample taken.
   - Sample is poured slowly from the open end of the bailer and the sample bottle tilted so that aeration and turbulence are minimized.
   - Duplicate sample is collected when appropriate.
5. Samples are capped, labeled and placed in laboratory coolers with ice packs or bagged ice.
6. All equipment is cleaned with successive rinses of pesticide-grade methanol and distilled water.
   - Dedicated line is disposed of or left at well site.
7. Equipment/wash blanks are collected when non-dedicated sampling equipment is used.
8. Chain-of-custody forms are completed in triplicate.
   - The original and one carbon copy are put into a zip-lock bag and placed into the cooler. The original will be returned following sample analysis.
   - A second carbon copy is kept on file.
9. Cooler is sealed with strapping tape and chain-of-custody seals to assure integrity and to prevent tampering of sample.

TABLE 4.3

SAMPLING PROCEDURE FOR MONITORING WELLS USING
LOW-STESS (LOW-FLOW) METHODS

1. Initial static water level recorded with an electric contact probe accurate to the nearest 0.1 foot.

2. Sampling device is lowered into well. Slowly lower the pump, safety cable, tubing and electrical lines into the well to the depth specified for that well. Pump intake must be no less than 2 feet from the bottom of the well to prevent disturbance and resuspension of sediments which may be at the bottom of the well.

3. Measure water level again: Before starting the pump, measure the water level again with the pump in the well. Leave the water level measuring device in the well.

4. Purge Well: Start pumping the well at 200 to 500 milliliters per minute (ml/min). The water level should be monitored approximately every five minutes. Ideally, a steady flow rate should be maintained that results in a stabilized water level (drawdown of 0.3 ft or less). Pumping rates should, if needed, be reduced to the minimum capabilities of the pump to ensure stabilization of the water level. As noted above, care should be taken to maintain pump suction and to avoid entrainment of air in the tubing. Record each adjustment made to the pumping rate and the water level measured immediately after each adjustment.

5. Monitor Indicator Parameters: During purging of the well, monitor and record the field indicator parameters (turbidity, temperature, specific conductance, pH, Eh, and DO) approximately every five minutes. The well is considered stabilized and ready for sample collection when the indicator parameters have stabilized for three consecutive readings as follows (Puls and Barcelona, 1996):

+0.1 for pH
+3% for specific conductance (conductivity)
+10 mv for redox potential
+10% for DO and turbidity

6. Dissolved oxygen and turbidity usually require the longest time to achieve stabilization. The pump must not be removed from the well between purging and sampling.

7. Collect Samples: Collect samples at a flow rate between 100 and 250 ml/min and such that drawdown of the water level within the well does not exceed the maximum allowable drawdown of 0.3 ft. VOC samples must be collected first and directly into sample containers. All sample containers should be filled with minimal turbulence by allowing the ground water to flow from the tubing gently down the inside of the container.

8. Ground water samples to be analyzed for volatile organic compounds (VOCs) require pH adjustment. The appropriate EPA Program Guidance should be consulted to determine whether pH adjustment is necessary. If pH adjustment is necessary for VOC sample preservation, the amount of acid to be added to each sample vial prior to sampling should

be determined, drop by drop, on a separate and equal volume of water (e.g., 40 ml). Groundwater purged from the well prior to sampling can be used for this purpose.

9. Remove Pump and Tubing: After collection of the samples, the tubing, unless permanently installed, must be properly discarded or dedicated to the well for resampling by hanging the tubing inside the well.

10. Measure and record well depth.

11. Close and lock the well.

12. Samples are capped, labeled and placed in laboratory coolers with ice packs or bagged ice.

13. All equipment is cleaned with successive rinses of pesticide-grade methanol and distilled water.

    - Dedicated line is disposed of or left at well site.

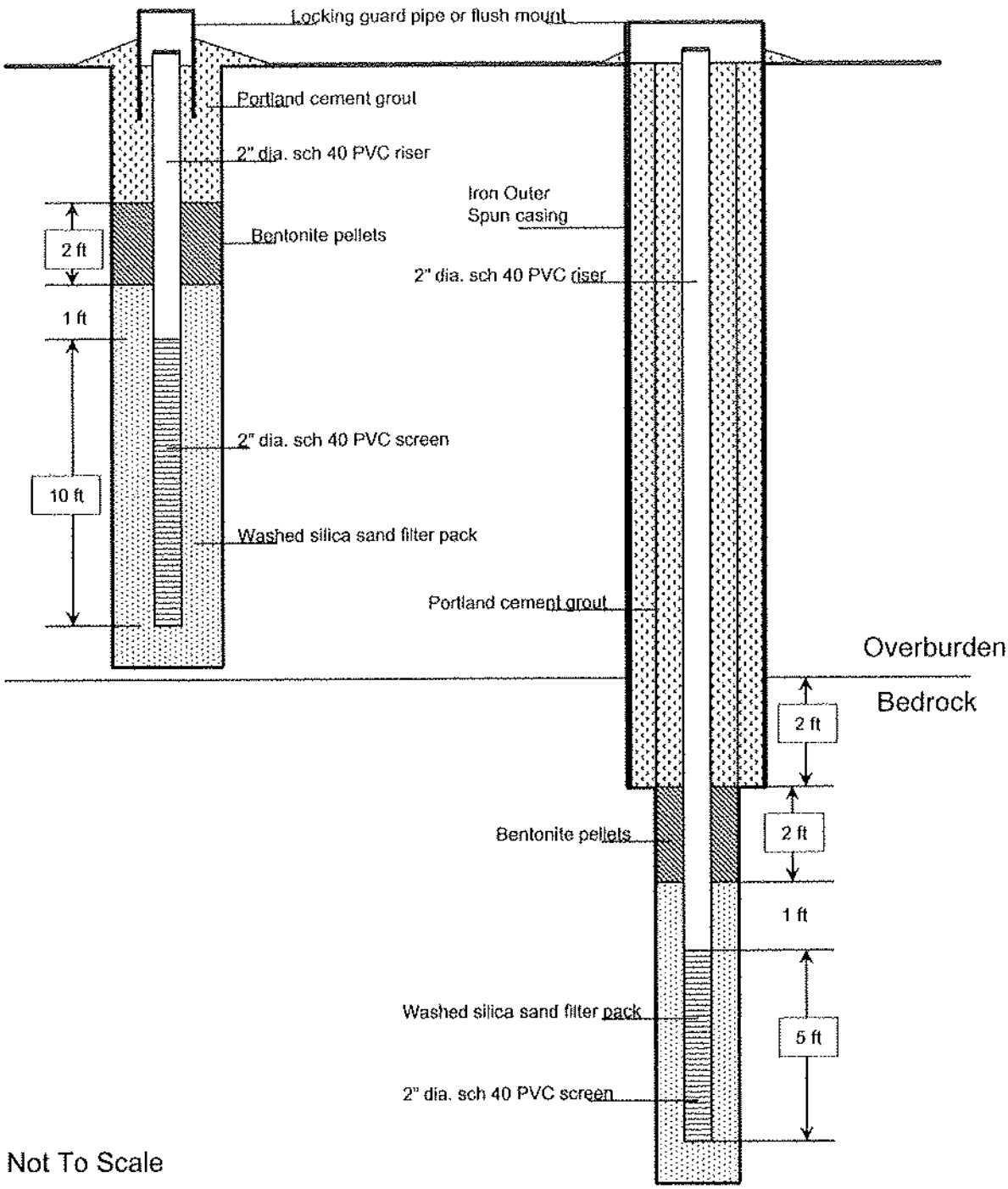
14. Equipment/wash blanks are collected when non-dedicated sampling equipment is used.

15. Chain-of-custody forms are completed in triplicate.

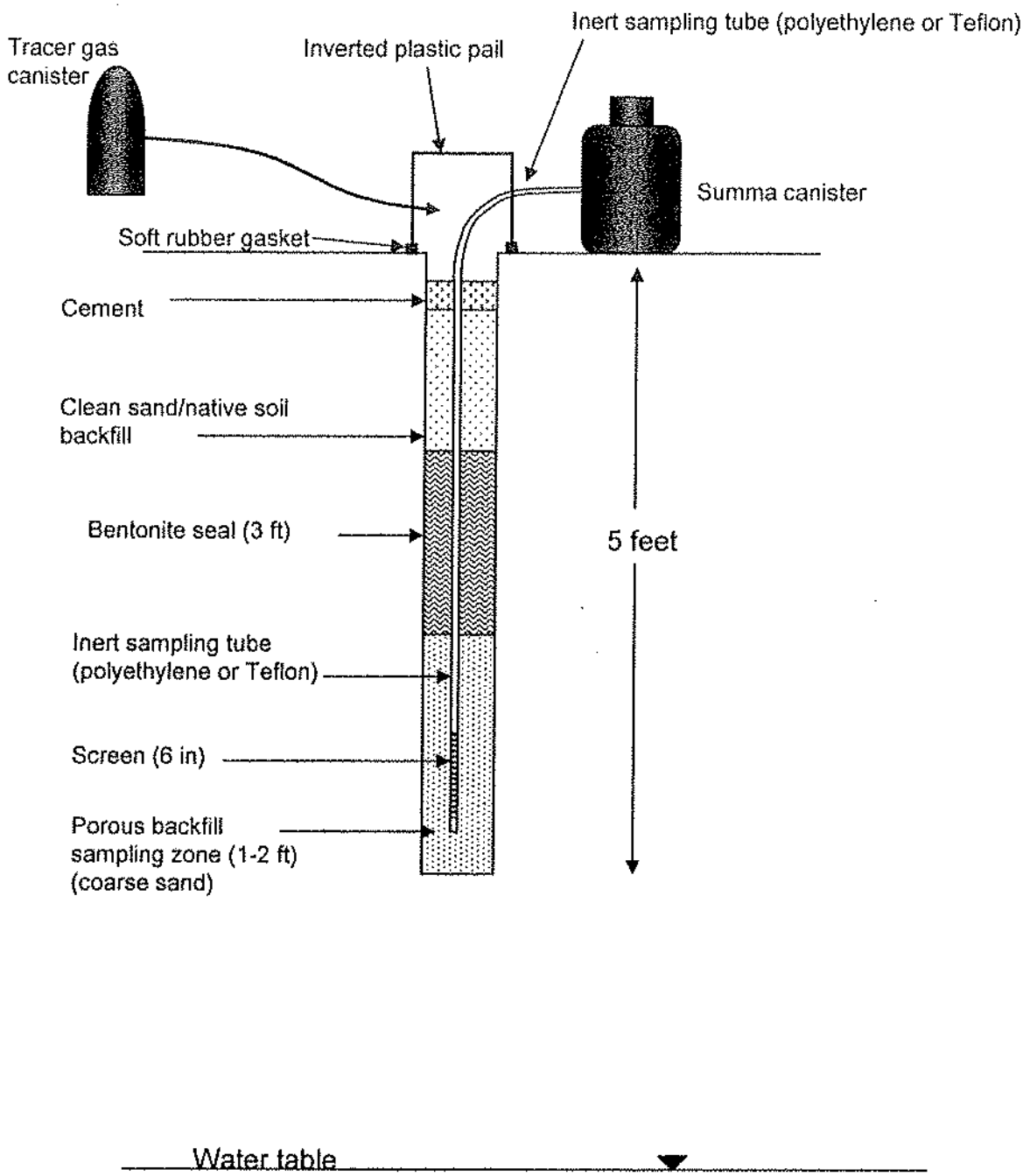
    - The original and one carbon copy are put into a zip-lock bag and placed into the cooler. The original will be returned following sample analysis.

    - A second carbon copy is kept on file.

16. Cooler is sealed with strapping tape and chain-of-custody seals to assure integrity and to prevent tampering of sample.



S&W Redevelopment of North America, LLC Syracuse, New York NOV 2004 Proj No. B4001	950 DANBY ROAD, LLC AXIOHM FACILITY ITHACA, NEW YORK FIGURE 4-1 CONCEPTUAL WELL DETAILS



NOT TO SCALE

S&W Redevelopment of North America, LLC Syracuse, New York	950 DANBY ROAD, LLC AXIOHM FACILITY ITHACA, NEW YORK
FEB 2006 Proj No. B4001	FIGURE 4-2 SOIL VAPOR SAMPLING WELL

SECTION 5

SAMPLE CUSTODY

The program for sample custody and sample transfer is in compliance with the NYSDEC-ASP, as periodically updated. If samples may be needed for legal purposes, chain-of-custody procedures, as defined by NEIC Policies and Procedures (USEPA-330/9-78-001-R, Revised June 1988) will be used. Sample chain-of-custody is initiated by the laboratory with selection and preparation of the sample containers. To reduce the chance for error, the number of personnel handling the samples should be minimized.

FIELD SAMPLE CUSTODY

A chain-of-custody record accompanies the sample from initial sample container selection and preparation at the laboratory, shipment to the field for sample containment and preservation, and return to the laboratory. Two copies of this record follow the samples to the laboratory. The laboratory maintains one file copy and the completed original is returned to the site inspection team. Individual sample containers provided by the laboratory are used for shipping samples. The shipping containers are insulated and chemical or ice water is used to maintain samples at approximately 4°C until samples are returned and in the custody of the laboratory. All sample bottles within each shipping container are individually labeled and controlled. Samples are to be shipped to the laboratory within 24-48 hours of the day of collection.

Each sample shipping container is assigned a unique identification number by the laboratory. This number is recorded on the chain-of-custody record and is marked with indelible ink on the outside of the shipping container. The field sampler will indicate the sample designation/location number in the space provided on the appropriate chain-of-custody form for each sample collected. The shipping container is closed and a seal provided by the laboratory is affixed to the latch. This seal must be broken to open the container, and this indicates possible tampering if the seal is broken before receipt at the laboratory. The laboratory will contact the site investigation team leader and the sample will not be analyzed if tampering is apparent.

LABORATORY SAMPLE CUSTODY

The site investigation team leader or Project Quality Assurance Officer notifies the laboratory of upcoming field sampling activities and the subsequent transfer of samples to the laboratory. This notification will include information concerning the number and type of samples to be shipped as well as the anticipated date of arrival.

The laboratory sample program meets the following criteria:

1. The laboratory has designated a sample custodian who is responsible for maintaining custody of the samples and for maintaining all associated records documenting that custody.

2. Upon receipt of the samples, the custodian will check the original chain-of-custody documents and compare them with the labeled contents of each sample container for correctness and traceability. The sample custodian signs the chain-of-custody record and records the date and time received.

3. Care is exercised to annotate any labeling or descriptive errors. In the event of discrepant documentation, the laboratory will immediately contact the site investigation team leader as part of the corrective action process. A qualitative assessment of each sample container is performed to note any anomalies, such as broken or leaking bottles. This assessment is recorded as part of the incoming chain-of-custody procedure.

4. The samples are stored in a secured area at a temperature of approximately 4°C until analyses are to commence.

5. A laboratory chain-of-custody record accompanies the sample or sample fraction through final analysis for control.

6. A copy of the chain-of-custody form will accompany the laboratory report and will become a permanent part of the project records.

FINAL EVIDENCE FILES

Final evidence files include all originals of laboratory reports and are maintained under documented control in a secure area.

A sample or an evidence file is under custody if:

- It is in your possession; it is in your view, after being in your possession.
- It was in your possession and you placed it in a secure area.
- It is in a designated secure area.

SECTION 6

CALIBRATION PROCEDURES

Instruments and equipment used to gather, generate or measure environmental data will be calibrated with sufficient frequency and in such a manner that accuracy and reproducibility of results are consistent with the appropriate manufacturer's specifications or project specific requirements. The procedures for instrument calibration, calibration verification, and the frequency of calibrations are described in the NYSDEC-CLP. The calibration of instruments used for the determination of metals will be as described in the appropriate CLP standard operating procedures.

Calibration of other instruments required for measurements associated with these analyses will be in accordance with the manufacturer's recommendations and the standard operating procedures of the laboratory.

SECTION 7

ANALYTICAL PROCEDURES

Analytical procedures shall conform to the most recent revision of the NYSDEC-ASP and are summarized on Table 7.1. In the absence of USEPA or NYSDEC guidelines, appropriate procedures shall be submitted for approval by NYSDEC prior to use.

The procedures for the sample preparation and analysis for organic compounds are as specified in the NYSDEC-ASP. Analytical cleanups are mandatory where matrix interferences are noted. No sample shall be diluted any more than 1 to 5. The sample shall be either re-extracted, re-sonicated, re-stream distilled, etc. or be subjected to any one analytical cleanup noted in SW846 or a combination thereof. The analytical laboratory shall expend such effort and discretion to demonstrate good laboratory practice and demonstrate an attempt to best achieve the method detection limit.

Laboratory analysis procedures for soil vapor will follow Air Toxic TO-15.

VOLATILE ORGANICS (VOA)

For the analysis of water samples for Target Compound List (TCL), volatile organic compounds (VOCs), no sample preparation is required. The analytical procedure for volatiles is detailed in NYSDEC-ASP (Volume I, Section D-I). A measured portion of the sample is placed in the purge and trap apparatus and the sample analysis is performed by gas chromatography/mass spectrometry for the first round. USEPA Methods 8010 or 8020 (gas chromatography with different detectors) will be used if subsequent rounds with lower limits of detection are warranted.

Analysis of soil vapor samples will be by method TO-15, for VOCs.

SITE SPECIFICITY OF ANALYSES

Work plans prepared for remedial investigation waste sites contain recommendations for the chemical parameters to be determined for each site. Thus, some or all of the referenced methods will

apply to the analysis of samples collected at the individual waste sites. Analyses of Target Compound List (TCL) analytes will be performed on all samples.

TABLE 7-1

CONTRACT-REQUIRED QUANTITATION LEVELS AND
ANALYTICAL METHODS
ASP INORGANICS, ASP VOLATILES, ASP SEMI-VOLATILES,
ASP PESTICIDES, AND PCBS

Superfund Target Compound List (TCL) and Contract-Required Quantitation Limit

SECTION 1 - ASP INORGANICS
Method: NYSDEC-ASP-91-4

PARAMETER		CONTRACT-REQUIRED DETECTION LEVEL* (µg/l)
1.	Aluminum	200
2.	Antimony	60
3.	Arsenic	10
4.	Barium	200
5.	Beryllium	5
6.	Cadmium	5
7.	Calcium	5000
8.	Chromium	10
9.	Cobalt	50
10.	Copper	25
11.	Iron	100
12.	Lead	3
13.	Magnesium	5000
14.	Manganese	15
15.	Mercury	0.2
16.	Nickel	40
17.	Potassium	5000
18.	Selenium	5
19.	Silver	10
20.	Sodium	5000
21.	Thallium	10
22.	Vanadium	50
23.	Zinc	20
24.	Cyanide	10

*Matrix: groundwater. For soil matrix, multiply CRDL by 100.

TABLE 7-1 (continued)

SECTION 1 - ASP ORGANICS
Method: NYSDEC-ASP-91-1

	VOLATILE	CONTRACT-REQUIRED QUANTITATION LIMIT (µg/l)*
1.	Chloromethane	10
2.	Bromomethane	10
3.	Vinyl chloride	10
4.	Chloroethane	10
5.	Methylene chloride	10
6.	Acetone	10
7.	Carbon disulfide	10
8.	1,1-Dichloroethylene	10
9.	1,1-Dichloroethane	10
10.	1,2-Dichloroethylene (total)	10
11.	Chloroform	10
12.	1,2-Dichloroethane	10
13.	2-Butanone	10
14.	1,1,1-Trichloroethane	10
15.	Carbon tetrachloride	10
16.	Bromodichloromethane	10
17.	1,1,2,2-Tetrachloroethane	10
18.	1,2-Dichloropropane	10
19.	cis-1,3-Dichloropropene	10
20.	Trichloroethene	10
21.	Dibromochloromethane	10
22.	1,1,2-Trichloroethane	10
23.	Benzene	10
24.	Trans-1,3-Dichloropropene	10
25.	Bromoform	10
26.	2-Hexanone	10
27.	4-Methyl-2-pentanone	10
28.	Tetrachloroethylene	10
29.	Toluene	10
30.	Chlorobenzene	10
31.	Ethylbenzene	10
32.	Styrene	10
33.	Total xylenes	10

*Quantitation limit for medium-level soil is 1200 µg/kg (wet weight basis)

Work Plan Appendix B

Site Health and Safety Plan

Brownfield Cleanup Program
Remedial Investigation
950 Danby Road
Ithaca, New York

December 2005

WORK PLAN APPENDIX B
SITE HEALTH AND SAFETY PLAN
BROWNFIELD CLEANUP PROGRAM
REMEDIAL INVESTIGATION
950 DANBY ROAD
ITHACA, NEW YORK

Prepared for

South Hill Business Campus, LLC

Prepared by

S&W Redevelopment
of North America, LLC
430 East Genesee Street
Syracuse, New York 13202

December 2005

Project No.B4001

APPENDIX B
SITE HEALTH AND SAFETY PLAN

B.1. SITE DESCRIPTION

Date .....Date: January 2005 Revised: _____
Location ..... 950 Danby Road, Ithaca, NY
Hazards ..... Volatile organic compounds, in soil and groundwater
Area Affected ..... Subsurface soils, groundwater
Surrounding Population ..... Mixed commercial/residential
Topography .....Moderate to steep slopes north of site
Weather Conditions .....Usually partly sunny to overcast, south winds

B.2 ENTRY OBJECTIVES: The objective of site entry is to investigate potential source areas for volatile organic compounds.

B.3 ON-SITE ORGANIZATION AND COORDINATION. The following personnel are designated to carry out the stated job functions on site. (Note: One person may carry out more than one job function.)

Project Team Leader:	Daniel Ours or designee	(315) 422-4949
Site Safety Officer:	Donald Sorbello or designee	(315) 422-4949
Field Team Leader:	Mark Sergott or designee	(315) 422-4949
Field Team Members:	Allison Menges/Mark Sergott	(315) 422-4949

B.4 ON-SITE CONTROL. 950 Danby Road LLC or its designated agent will coordinate access control and security for the work area for each day of on site work. No unauthorized personnel should be within the established work area.

B.5 HAZARD EVALUATION. The following substances are known or suspected to be on site, primarily in site wastes. The primary hazards of each are identified, associated primarily with direct skin contact and inhalation.

SUBSTANCE	PRIMARY HAZARDS
Volatile Organics	
Trichloroethene	Eye & skin irritation, nausea, vomiting, headache
1,1 Dichloroethane	Skin irrit., liver, kidney, lung damage
1,2 Dichloroethene	Eye irrit, respiratory irrit, central nervous system
Vinyl chloride	Eye irrit, soar throat, dizziness, headache, nausea
Butylbenzene	Eye & skin irrit, dizziness

Metals	
Chromium	Eye & skin irrit, lungs

Nickel	Dermatitis, allergic asthma
Beryllium	Cough, weakness, eye irrit
Zinc	Eye & skin irrit, nausea, muscle aches, chills, throat irrit

B.6 PERSONAL PROTECTIVE EQUIPMENT. Based on evaluation of potential hazards, the following levels of personal protection have been designated for the applicable work areas or tasks:

LOCATION	JOB FUNCTION	LEVEL OF PROTECTION
Work zone	Site investigation	A B C (D) Other

Specific protective equipment for each level of protection is as follows:

Level A	Fully-encapsulating suit SCBA (disposable coveralls)
Level B	Splash gear (saranax-coated Tyvek suit) SCBA or airline respirators
Level C	Splash gear (Tyvek suit) Half-face canister respirator Safety glasses Boots Gloves Hard hat
Level D	**Work boots** **Gloves (latex)** **Hard hat**

Action Levels. Action levels shall be determined by monitoring of work zone breathing space with a portable photoionization detector (PID) or comparable instrument. Measurement of a sustained concentration above ambient (background) conditions shall initiate action. The following criteria shall be used to determine appropriate action:

VOLATILE ORGANICS IN BREATHING ZONE (SUSTAINED AND ABOVE BACKGROUND)	LEVEL OF RESPIRATORY PROTECTION
0-5 ppm	Level D
5-200 ppm	Level C
200-1000 ppm	Level B - air line
1000+ ppm	Level B - SCBA

% LOWER EXPLOSIVE LIMIT (LEL)	ACTION
Above 10	Discontinue work and take remedial action

NO CHANGE TO THE SPECIFIED LEVELS OF PROTECTION SHALL BE MADE WITHOUT THE APPROVAL OF THE SITE SAFETY OFFICER AND THE PROJECT TEAM LEADER.

If the above criteria indicate the need to increase from Level D to a higher level of personal protection, work will be immediately suspended in that particular site area until the required personal protective equipment is made available, or until Level D conditions return.

B.7 ON-SITE WORK PLANS. The following personnel or designated alternate(s) will perform the field investigation.

Project Team Leader: .....Mark Sergott or designee
Work Party .....Allison Menges or designee

The work party was briefed on the contents of this plan prior to commencement of work.

B.8 COMMUNICATION PROCEDURES. The Project Team Leader should remain in communication with the Field Team Leader. A cellular phone will be used in the field.

Continuous horn blast is the emergency signal to indicate that all personnel should leave the Work Zone.

In the event that radio communications are used, the following standard hand signals will be used in case of failure of radio communications:

Hand gripping throat	Out of air; can't breathe
Grip partner's wrist or both hands around waist	Leave area immediately
Hands on top of head	Need assistance
Thumbs up	OK; I am all right; I understand
Thumbs down	No; negative

B.9 SITE HEALTH AND SAFETY PLAN.

A. A designated Site Safety Officer will be directly responsible to the Project Team Leader for safety recommendations on site. The Field Team Leader will be responsible for executing and enforcing the Site Health and Safety Plan.

B. **Emergency Medical Care.** The Cayuga Medical Center is located at 101 Dates Drive in the City of Ithaca, approximately 5 miles from the site. A map of the route to this facility is available at the field vehicle (attached).

First aid equipment is available on site at the following locations:

First aid kit Field vehicle

List of emergency phone numbers:

AGENCY/FACILITY	PHONE NUMBER
Police (Tompkins County Sheriff)	911

Fire	911
Ambulance	911
Cayuga Medical Center	(607) 274-4498

C. **Environmental Monitoring.** The following environmental monitoring instruments shall be used on site at the specified intervals:

- MiniRAE photoionization detector (PID). Continuous during installation of soil borings and soil gas monitoring probes.
- Dust (particulate) monitor. Continuous during installation of soil borings per Community Air Monitoring Plan (CAMP)

D. **Emergency Procedures.** The following standard procedures will be used by on-site personnel. The Site Safety Officer shall be notified of any on-site emergencies and be responsible for ensuring that the appropriate procedures are followed:

1. **Personnel Injury in the Work Zone.** Upon notification of an injury in the Work Zone, the designated emergency signal, a continuous horn blast, shall be sounded. A rescue team will enter the Work Zone (if required) to remove the injured person to safety. Appropriate first aid shall be initiated and contact should be made for an ambulance and with the designated medical facility (if required). No persons shall re-enter the Work Zone until the cause of the injury or symptoms is determined.

2. **Fire/Explosion.** Upon notification of a fire or explosion on site, the designated emergency signal, a continuous horn blast, shall be sounded and all site personnel assembled at the decontamination line. The fire department shall be alerted and all personnel moved to a safe distance from the involved area.

3. **Personal Protective Equipment Failure.** If any site worker experiences a failure or alteration of protective equipment that affects the protection factor, that person and his/her buddy shall immediately leave the Work Zone. Re-entry shall not be permitted until the equipment has been repaired or replaced.

4. **Other Equipment Failure.** If any other equipment on site fails to operate properly, the Project Team Leader and Site Safety Officer shall be notified and then determine the effect of this failure on continuing operations on site. If the failure affects the safety of personnel or prevents completion of the Work Plan tasks, all personnel shall leave the Work Zone until the situation is evaluated and appropriate actions taken.

In all situations, when an on-site emergency results in evacuation of the Work Zone, personnel shall not re-enter until:

a. The conditions resulting in the emergency have been corrected.
b. The hazards have been reassessed.
c. The Site Health and Safety Plan has been reviewed.
d. Site personnel have been briefed on any changes in the Site Health and Safety Plan.

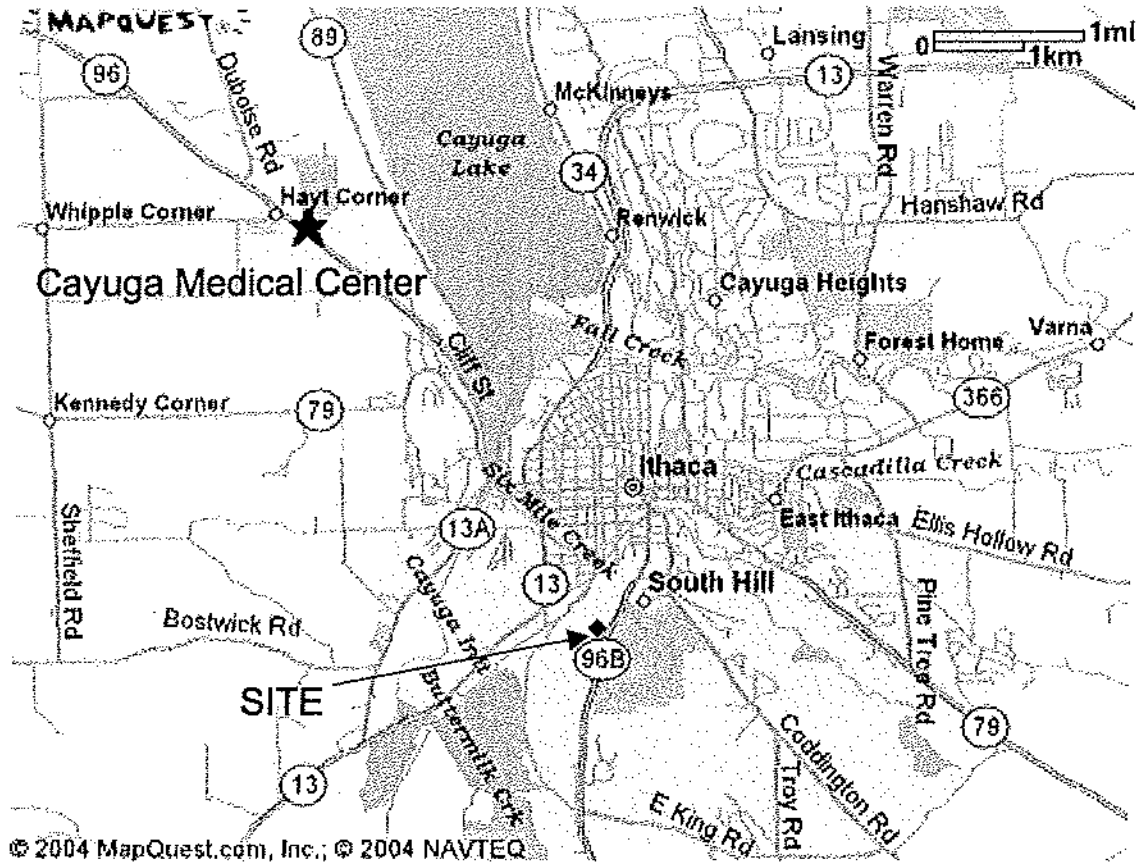
E. **Personal Monitoring.** The following personal monitoring will be in effect on site:

Personal exposure sampling: MiniRAE PID screening, sampling pumps/tubes , or organic vapor monitors.

Medical monitoring: The expected air temperature will be less than 70EF. If it is determined that heat stress monitoring is required (mandatory if over 70EF), the following procedures shall be followed: Monitoring body temperature, body weight, pulse weight.

All site personnel have read the above plan and are familiar with its provisions.

	Name	Signature
Site Safety Officer		
Project Team Leader		
Other Site Personnel		



1. Go North on NY 96B/Danby Road (1.1 miles)
2. NY 96B becomes S Aurora Street (0.1 mile)
3. Turn Left onto NY 79 W/E Seneca St (0.8 mile)
4. Turn Right onto NY 89/NY 96/Taughannock Blvd (<0.1 mile)
5. Turn Left onto NY 96/W Buffalo St. Continue to follow NY 96 (2.3 miles)
6. Turn Right onto Harris B Dates Dr (<0.1 mile)

Total Distance 4.69 miles

S&W Redevelopment of North America, LLC Syracuse, New York NOV 2004 Proj No. B4001	950 DANBY ROAD, LLC AXIOHM FACILITY ITHACA, NEW YORK FIGURE 1 ROUTE TO HOSPITAL

Work Plan Appendix C

Community Air Monitoring Plan

Brownfield Cleanup Program
Remedial Investigation
950 Danby Road
Ithaca, New York

December 2005

WORK PLAN APPENDIX C
COMMUNITY AIR MONITORING PLAN
BROWNFIELD CLEANUP PROGRAM
REMEDIAL INVESTIGATION
950 DANBY ROAD
ITHACA, NEW YORK

Prepared for

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Prepared by

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APPENDIX C

COMMUNITY AIR MONITORING PLAN

C.1 - INTRODUCTION

The subject site is identified as Tompkins County, Town of Ithaca Tax Parcels 39.-1-1.1; 39.-1-1.2 and 39.-1-1.4, and is presently occupied by a split level two- and four-story office and manufacturing building consisting of approximately 280,000 square feet. South Hill Business Campus, LLC will develop a portion of the existing office building into a multi-tenant professional office complex. The remaining portion of the existing structure (former manufacturing space) will be developed for use by light manufacturing, and some non-manufacturing business start-ups. The balance of the property, approximately 40-50 acres, may be developed in the future with compatible commercial uses.

In order to support the proposed future use of the property, a voluntary Remedial Investigation (RI) will be completed at the site in accordance with a Brownfield Cleanup Agreement (BCA). Under the terms of the BCA, the Volunteers must define the nature and extent of site contamination in a manner that enables the selection of an appropriate remediation strategy to support the site's contemplated future use. S&W Redevelopment of North America, LLC (SWRNA) will complete the site investigation on behalf of the Volunteers. This Community Air Monitoring Plan (CAMP) describes the measures that will be undertaken during field work to monitor ambient air at the downwind site perimeter.

C.2 - OBJECTIVES

The objective of this CAMP is to provide a measure of protection for the downwind community from potential airborne contaminant releases that might arise as a result of the planned field work, which will include test pits and soil borings.

C.3 - METHODS

The CAMP will include monitoring for volatile organic compounds (VOCs) and particulate matter (e.g. airborne "dust"). Readings will be recorded and will be avaialbe for State (DEC and DOH) personnel to review, as requested.

A. VOC MONITORING

A MiniRAE photoionization detector (PID) will be used to measure VOCs in air. VOCs will be monitored at the downwind perimeter of the site, based on the prevailing wind direction as determined at the beginning of each workday. The site perimeter is defined as the existing property boundary.

Upwind concentrations of VOCs will be measured at the beginning of every workday to establish background conditions. VOC concentrations will be measured continuously at the property boundary directly downwind of the work area. Downwind data will be checked as needed to provide a measure of assurance that contaminants are not being spread off site through the air. The PID will continuously record and store VOC measurements such that a 15-minute running average can be computed for the data each time the PID is checked.

- If the ambient air concentration for total organic vapors at the downwind property boundary exceeds 5 parts per million (ppm) above background for a 15-minute average, work activity will be halted and monitoring will continue until levels decline to below 5 ppm over background. At this point, work will resume and monitoring will continue.

- If total organic vapor levels at the downwind property boundary persist at levels above 5 ppm over background but less than 25 ppm, work activities will be halted, the source of the vapors will be identified, and corrective actions will be taken to abate emissions. Work will resume after organic vapor levels fall to below 5 ppm over background at the downwind property boundary.

- If organic vapor levels exceed 25 ppm at the downwind property boundary activities will be shut down. An appropriate course of action to abate emissions in order to resume work will be discussed with NYSDEC personnel.

B. PARTICULATE MONITORING

Particulate (e.g. "dust") emissions will be measured continuously at the upwind and downwind property boundaries. Real time monitoring equipment (e.g. MiniRAM or

equivalent), with audible alarms and capable of measuring particulate matter less than 10 micrometers in size, will be used.

- If the downwind particulate level is 100 micrograms per cubic meter (ug/m^3) greater than background (upwind) for a 15-minute period, then dust suppression techniques will be employed. Work will continue with dust suppression provided that downwind particulate levels do not exceed 150 ug/m^3 above upwind levels and provided that no visible dust is migrating from the work area.

- If, after dust suppression techniques, downwind particulate levels are greater than 150 ug/m^3 above upwind levels, work will be stopped and a re-evalaution of activities will be initiated. Work will resume provided that dust suppression measures and other controls are successful in reducing downwind particulate concentrations to within 150 ug/m^3 of the upwind level and in preventing visible dust migration.

Exhibit 1
Soil Boring Logs & Well Construction Details (ERM March 2004)

Boring Logs

ERM
5788 Widewaters Parkway
Dewitt, New York 13214

Boring Number: B-1

BORING LOG

Project name & location: Axiohm Facility	Project number 0013172	Date Started: Time: 13:00	Date Completed: Time: 13:30
Drilling company: Parratt Wolff	Geologist: CW	Sampler(s): 2" Dia. split spoon	Sampler hammer: Auto. Drop:
Drilling equipment: IR A300 Drill Rig	Method: split spoon/Auger	Elevation & datum:	Completion depth: 8.1' Rock depth: 8.1' BGS
Bit(s): 2" Dia. split-spoon / 4 1/4" I.D. HSA	Core barrel(s):	Inspector(s): Christopher Wunderlich	

DEPTH (feet below grade)	SAMPLES: Sample Number	Recovery (feet)	PID / FID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	BORING LOCATION:				SURFACE DESCRIPTION:	
0					Asphalt Parking Lot	
					Asphalt and crushed Stone	
2		1.8	1.8		Brown fine-Coarse Sand, Some silt, trace medium gravel (moist)	
4		1.4	11.8		Dark Brown/Black Silty Sand, Some Medium gravel, trace Clay	
6		1.0	1.3		Similar (Moist - stiff)	
						Sample refusal @ 6.7' BGS, Augered to 8.0' BGS. Sample refusal @ 8.1' BGS
8	8.0'-8.1'	0.8	0		Boring Terminated @ 8.1' B.G.S.	
10						
						Collected Soil Sample for Laboratory Analysis @ 3-5' B.G.S.

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Signature: Christopher Wunderlich

Date: 5 Jan 2004

5788 Widewaters Parkway
Dewitt, New York 13214

ERM

Boring Number: B-2

BORING LOG

Project name & location: Axiohm Facility	Project number: 0013172	Date Started:	Date Completed:
		Time: 1500	Time: 1540
Drilling company: Parratt Wolff	Geologist: CW	Sampler(s): 2" Dia - Split-Spoon	Sampler hammer / Drop
Drilling equipment: IR A300 Drill Rig	Method: Split-Spoon / Auger	Elevation & datum	Completion depth: 15.8' BGS / Rock depth: 15.8' BGS
Bit(s): 2" Dia Split Spoon	Core barrel(s)	Inspector(s): Christopher Wunderlich	

DEPTH (feet below grade)	SAMPLES: Sample Number	Recovery (feet)	PID / PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	BORING LOCATION:				SURFACE DESCRIPTION:	
0					Asphalt Parking Lot	
					Asphalt and Crushed Stone	
2		1.6	0.2		Brown/Gray fine-medium Sand and silt, Some fine-medium Gravel	
4		1.5	0		Similar	
6		1.0	0		Similar	
8		1.0	0.4		Similar (Coarser coarser)	Collected Soil Sample for Laboratory Analysis @ 7'-9' BGS
10		1.2	0		Similar	
12		1.4	0		Similar	
14		1.2	0		Similar (Shale fragments)	Sample refusal @ 15.8' BGS.
16		0.6	0		Boring Terminated @ 15.8' BGS	

Page: 1 of 1 Signature: Christopher Wunderlich Date: 5 Jan 2004

ERM
5788 Widewaters Parkway
Dewitt, New York 13214

Boring Number: B-3

BORING LOG

Project name & location: Axiohm Facility	Project number 0013172	Date Started: Time: 1600	Date Completed: Time: 1630
Drilling company: Parratt Wolff	Geologist: CW	Sampler(s)	Sampler hammer / Drop
Drilling equipment: IRA300 Drill Rig	Method: Split-spoon (AWJ)	Elevation & datum	Completion depth: 13.0' / Rock depth: 13.0'
Bit(s): 2" Dia Split-spoon	Core barrel(s)	Inspector(s): Christopher Wunderlich	

DEPTH (feet below grade)	SAMPLES: Sample Number	Recovery (feet)	PID / PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	BORING LOCATION:				SURFACE DESCRIPTION:	
0					Asphalt Parking Lot.	
		1.4	0		Brown fine-Coarse Sand and Gravel, little silt (moist-firm)	
2						
		1.0	0		Similar	
4						
		1.2	0		Similar	
6						
		1.3	4.2		Similar (grader Coarse)	
8						Ground water encountered
		1.6	0.1		Similar	@ 9.5' BGS
10						
		0.8	0		Similar (Grader fine)	
12						Sample retrieval @
					Boring terminated @ 13.0' BGS	13.0' BGS
14						
						Collected Soil
						Sample for Laboratory
						Analysis @ 7.9' BGS

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ERM
5788 Widewaters Parkway
Dewitt, New York 13214

Boring Number: MW-5

BORING LOG

Project name & location: Axiom Facility	Project number: 0013172	Date Started: Time: ~1400	Date Completed: Time: 14:35
Drilling company: Parratt Wolff	Geologist: CW	Sampler(s): 2" Dia. Split Spoon	Sampler hammer: Auto / Drop: —
Drilling equipment: IR A300	Method: Split-Spoon / Auger	Elevation & datum	Completion depth: 7.0' / Rock depth: 7.0'
Bit(s): 2" Dia Split Spoon + 4¼" ID HSA.	Core barrel(s)	Inspector(s)	

DEPTH (feet below grade)	SAMPLES: Sample Number	Recovery (feet)	FID / PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	BORING LOCATION:				SURFACE DESCRIPTION: Asphalt Parking Lot	
0	↓				Asphalt & Crushed Stone.	
2		1.8	0		Brown Fine-Medium Sand, Some silt with little Medium Gravel	Collected Soil Sample for Laboratory Analysis @ 5-7' BGS.
4		0.6	0		(Moist-Compact)	
6		0.8	0		Similar (With Shale Fragments)	
8						

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Signature: [signature]

Date: 5-Jan 2004

ERM

5788 Widewaters Parkway
Dewitt, New York 13214

Boring Number: B-4

BORING LOG

Project name & location: Axiohm Facility	Project number 0013172	Date Started: 6 Jan 04 Time: 0806	Date Completed: 6 Jan 04 Time: 0830
Drilling company: Parratt Wolff	Geologist: CW/NR	Sampler(s): Lance + Jim	Sampler hammer: direct push Drop:
Drilling equipment: IR A300 Drill Rig	Method: split-spoon/auger	Elevation & datum:	Completion depth: 14.5 Rock depth: 14.5
Bit(s): 2" OD Split Spoon	Core barrel(s):	Inspector(s): NR/CW	

DEPTH (feet below grade)	SAMPLES: Sample Number	Recovery (feet)	FID / PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
0	BORING LOCATION:				SURFACE DESCRIPTION:	
						* all may be fill material *
1						
	0800	1.4	0.0		Greyish Brown f-c sand and f-c gravel, shale + brick fragments dry-moist	no odor
2						
3						
	0805	1.0	0.0		Greyish Brown m-c sand little f-m gravel of shale + brick dry-moist	no odor
4						
5						
	0810	1.1	0.0		Greyish Brown f-c sand some f-coarse gravel some shale pieces dry-moist	no odor
6						
7						
	0815	0.3	0.0		same as above	
8						
9						
	0820	1.0	0.0		same as above	
10						

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ERM
5788 Widewaters Blvd.
Syracuse, NY 13214

Boring Number: B-4

BORING LOG

DEPTH (feet below grade)	SAMPLES: Sample Number	Recovery (feet)	PID / FID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
10						
					See previous sheet	
11	0825	0.8	4.2		same as above	
12						
13						
	0830	0.6	5.2		Dark yellowish brown f-c sand and f-c gravel trace silt wet shale fragments	has an odor
14						
					refusal bedrock at 14'	
15						
16						
17						
18						
19						
20						
21						
22						

Sample (collected)

Page: 2 of 2 Signature: Nancy Ann Reese Date: 6 Jan 04

ERM

5788 Widewaters Parkway
Dewitt, New York 13214

Boring Number: B-5

BORING LOG

Project name & location: Axiohm	Project number 0013172	Date Started: 6 Jan 04 Time: 0833	Date Completed: 6 Jan 04 Time: 0840
Drilling company Parratt Wolff	Geologist CW / NR	Sampler(s) Lane + Jim	Sampler hammer direct push Drop
Drilling equipment #IR A300 Rig	Method split spoon - auger	Elevation & datum —	Completion depth 5.5' Rock depth 5.5'
Bit(s) 2" OD split spoon	Core barrel(s) 2"	Inspector(s) CW / NR	

DEPTH (feet below grade)	SAMPLES: Sample Number	Recovery (feet)	FID / PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
0	BORING LOCATION: receiving bay area				SURFACE DESCRIPTION: asphalt	
1						* hit refusal at 5.5', moved to new position and began auger down to 5.5'
2	0833	1.8	0.0		light yellowish brown m-c sand and f-c gravel trace silt moist rounded gravel and shale fragments angular	no odor
3						
4	0835	1.0	0.0		same as above, but little gravel	no odor
5	~~0837~~ ~~0.2~~					
6	0837	0.2	0.0		Dark yellowish brown f-c gravel little m-c sand, pieces of brick sub-rounded and angular gravel & sand	no odor
7					refusal at 5.5' bgs	
8						
9						
10						

Sample Collected

Page: 1 of 1

Signature: NR Reese

Date: 6 Jan 04

ERM
5788 Widewaters Parkway
Dewitt, New York 13214

Boring Number: B-5A

BORING LOG

Project name & location: Axiohm Ithaca, N.Y.	Project number 0013172	Date Started: 6 Jan 04 Time: 0841	Date Completed: 6 Jan 04 Time: 0845
Drilling company Parratt Wolff	Geologist CW/NR	Sampler(s) Lane + Jim	Sampler hammer direct push	Drop —
Drilling equipment IR A300 Rig	Method splitspoon/auger	Elevation & datum —	Completion depth 4'	Rock depth 4'
Bit(s) 2" OD splitspoon	Core barrel(s) —	Inspector(s) CW/NR		

DEPTH (feet below grade)	SAMPLES: Sample Number	Recovery (feet)	PID / PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	BORING LOCATION:				SURFACE DESCRIPTION:	
0					auger to 3'	offset from MW5 and 6 to the west
1						
2						
3						
	0845	0.5	0.0		Dark yellowish brown m-c sand and f-c gravel, trace silt, moist→wet	earthy odor "petuly-like"
4					refusal at 4' (rock)	
5						
6						
7						
8						
9						
10						

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ERM

5788 Widewaters Parkway
Dewitt, New York 13214

Boring Number: B-6

BORING LOG

Project name & location: Axiohm Ithaca, N.Y.	Project number 0013172	Date Started: 6 Jan 04 Time: 0900	Date Completed: 6 Jan 04 Time: 0915
Drilling company: Parratt Wolff	Geologist: CW/NR	Sampler(s): Lane + Jim	Sampler hammer: direct push Drop: —
Drilling equipment: IR A300 Rig	Method: split spoon/auger	Elevation & datum: —	Completion depth: 14.5 Rock depth: 11.5
Bit(s): 2" OD splitspoon	Core barrel(s):	Inspector(s): CW/NR	

DEPTH (feet below grade)	SAMPLES: Sample Number	Recovery (feet)	PID / PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	BORING LOCATION: Receiving bay				SURFACE DESCRIPTION: asphalt	
0						
1						
	0905	1.4	0.0		Dark yellowish brown subrounded and angular f-c sand and f-m gravel, trace pieces of brick dry-moist	no odor
2						
3						
	0910	0.5	0.0		Same as above	
4						
5						
	0915	1.1	0.0		Same as above	
6						
7						auger to 7' augered to top of rock
	0930	1.2	0.0		Same as above	smells like petchuley
8					one area of 3" w/ silt and f sand	~~no~~
9						
	0933	1.4	0.0		weathered w/ trace f-m sand	no odor
10						

collect sample

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ERM
5788 Widewaters Blvd.
Syracuse, NY 13214

Boring Number: B-6

BORING LOG

DEPTH (feet below grade)	SAMPLES: Sample Number	Recovery (feet)	FID / PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
10						
					see previous page	
11						
	0940	0.6	0.0		weathered shale trace c sand wet	no odor
12						
					refusal at 11.5' bgs - rock	
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						

Page: 2 of 2 Signature: Nancy Rae Reese Date: 6 Jan 04

ERM
5788 Widewaters Parkway
Dewitt, New York 13214

Boring Number: B-7

BORING LOG

Project name & location: Axiohm Ithaca, N.Y.	Project number 00/3172	Date Started: 6 Jan 04 Time: 1030	Date Completed: 6 Jan 04 Time: 1045
Drilling company: Parratt Wolff	Geologist: CW/NR	Sampler(s): Lane + Jim	Sampler hammer: direct push Drop: -
Drilling equipment: IR A300 Ris	Method: splitspoon/auger	Elevation & datum: —	Completion depth: 14' Rock depth: 14'
Bit(s): 2" OD splitspoon	Core barrel(s): —	Inspector(s): CW/NR	

DEPTH (feet below grade)	SAMPLES: Sample Number	Recovery (feet)	FID / PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	BORING LOCATION:				SURFACE DESCRIPTION: asphalt	
0						
1						
	1030	1.2	0.0		Dark yellowish brown f-c sand w/ subrounded + angular shale f-c gravel	no odor
2					dry-moist medium-stiff	
3						
	1033	1.0	0.0		Same as above	no odor
4						
5						
	1035	1.0	0.0		Same as above	no odor
6						
7						
	1037	0.9	0.0		Same as above w/ areas of black cohesive matrix of angular coarse sand	no odor
8						
9						
	1040	0.9	0.0		Dark yellowish brown sand + gravel w/ small black areas as described above ~3" thick silt for ~2"	no odor
10						

Signature: Nancy Ann Reese

Date: 6 Jan 04

ERM

5788 Widewaters Blvd.
Syracuse, NY 13214

Boring Number: B-7

0013172

BORING LOG

DEPTH (feet below grade)	SAMPLES: Sample Number	Recovery (feet)	PID / PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
10						
					see previous sheet	
11						
	1043	0.7	0.0		Moderate Brown 5YR 4/4 f-c sand and f gravel with trace silt, ~1.5 inch area of black area described earlier	has an odor
12					wet medium stiff	
13						
	1045	1.0	0.0		Grey angular gravel trace Moderate Brown silt	has an odor
14						
					refusal at 14' bgs - rock	
15						
16						
17						
18						
19						
20						
21						
22						

collect sample

Page: 2 of 2 Signature: MR Reese Date: 6 Jan 04

ERM
5788 Widewaters Parkway
Dewitt, New York 13214

Boring Number: B-9 (B-8)

BORING LOG

Project name & location: Axiohm Ithaca, NY.	Project number 0013172	Date Started: 6 Jan 04 Time: 1058	Date Completed: 6 Jan 04 Time: 1115
Drilling company: Parratt Wolff	Geologist: CW / NR	Sampler(s): Lane + Jim	Sampler hammer: direct push Drop: —
Drilling equipment: IR A300 Rig	Method: split spoon / auger	Elevation & datum: —	Completion depth: 11.5' Rock depth: 11.5'
Bit(s): 2" OD split spoon	Core barrel(s): —	Inspector(s): CW & NR	

DEPTH (feet below grade)	SAMPLES: Sample Number	Recovery (feet)	FID / PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	BORING LOCATION:				SURFACE DESCRIPTION: asphalt	
0						
1	1100	1.1	2.6		Dark yellowish brown f-c sand and gravel subrounded and angular 1/1" of silty matrix	slight odor
2					moist loose	
3	1103	0.7	0.0		same as above little silt	no odor
4						
5	1105	0.3	0.0		Dark yellowish grey f-m sand, fine-coarse angular gravel trace silt	slight odor
6					moist loose	
7	1110	1.0	0.0		Moderate yellowish brown f-c angular and subrounded gravel w/ f-c angular sand, little silt	no odor
8					wet soft	
9						water table
	1112	1.0	558		same as above w/ dark brown "oil-like" substance visible	smells like lighter fluid - strong
10					wet soft	

collected sample

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ERM
5788 Widewaters Blvd.
Syracuse, NY 13214

Boring Number: B-8 (B-8)
6013172

BORING LOG

DEPTH (feet below grade)	SAMPLES: Sample Number	Recovery (feet)	FID / PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
10						
					See previous sheet	
11						
	1115	0.5	98.8		gravel rock fragments trace "oily-like" substance dark brown	smells like cutting oil
12					wet loose	
13					refusal at 11.5' bgs — rock	
14						
15						
16						
17						
18						
19						
20						
21						
22						

Page: 2 of 2 Signature: Nancy Rae Reese Date: 6 Jan 04

ERM

5788 Widewaters Parkway
Dewitt, New York 13214

Boring Number: B-9

BORING LOG

Project name & location: Axiohm Ithaca, NY.	Project number 001317Z	Date Started: 6 Jan 04 Time: 1123	Date Completed: 6 Jan 04 Time: 1148
Drilling company: Parratt Wolff	Geologist: CW / NR	Sampler(s): Lane + Jim	Sampler hammer: direct push Drop: —
Drilling equipment: IR A300	Method: splitspoon/auger	Elevation & datum: —	Completion depth: 12.5 Rock depth: 12.5
Bit(s): 2" OD splitspoon	Core barrel(s): —	Inspector(s): CW + NR	

DEPTH (feet below grade)	SAMPLES: Sample Number	Recovery (feet)	FID / PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
0	BORING LOCATION:				SURFACE DESCRIPTION: asphalt	
1	1125	1.4	0.0		Olive grey fine sand and silt, some subrounded + angular f-c gravel	no odor
2					moist stiff	
3	1130	1.3	1.8		olive grey / moderate brown fine and silt, some subrounded + angular gravel	slight odor
4					moist stiff	
5	1133	1.2	0.2		Same as above	no odor
6						
7	1135	1.4	4.9		Olive grey m-c sand and subrounded + angular gravel dry - moist stiff	slight odor
8						
9	1137	0.8	25.3		Moderate brown silt and fine sand w/ little f-m gravel moist-wet stiff little brownish black "oil-like" substance	odor
10						

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ERM
5788 Widewaters Blvd.
Syracuse, NY 13214

Boring Number: B-9

0013172.

BORING LOG

DEPTH (feet below grade)	SAMPLES: Sample Number	Recovery (feet)	FID / PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
10						
					See previous page	
11						
	1148	0.5	82.4		fractured rock with "oil-like" dark brown substance	strong lighter fluid ~~type~~ like odor
12						
					Refusal at 12.5' bgs - rock	
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						

Collect Sample

Page: 2 of 2 Signature: Nancy Ra Reese Date: 6 Jan 2004

ERM

5788 Widewaters Parkway
Dewitt, New York 13214

Boring Number: B-10

BORING LOG

Project name & location: Alcohm Ithaca, NY.	Project number 0013172	Date Started: 6 Jan 04 Time: 1300	Date Completed: 6 Jan 04 Time: 1322
Drilling company: Parratt Wolff	Geologist: CW | NR	Sampler(s): Lane + Jim	Sampler hammer: direct push Drop: —
Drilling equipment: IR A300 Rig	Method: splitspoon/auger	Elevation & datum: —	Completion depth: 11 Rock depth: 11
Bit(s): 2" OD SS	Core barrel(s): —	Inspector(s): CW + NR	

DEPTH (feet below grade)	SAMPLES: Sample Number	Recovery (feet)	PID / PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	BORING LOCATION: former 1,000gal UST Tank				SURFACE DESCRIPTION: asphalt	
0						
1	1310	1.4	0.0		olive grey f-c sand and subrounded + angular f-c gravel trace silt	
2					dry-moist medium stiff	
3	1313	0.8	0.0		olive grey / Moderate Brown f-c angular gravel and f-c sand trace silt	
4					moist soft/loose	
5	1319	0.8	0.0		same as above sand, some little gravel	
6						
7	1320	0.1	0.0		2 large gravel some f-m gravel	
8					wet loose	
9	1322	1.0	52.2		Greyish brown gravel f-c w/ little m-c sand	
10					wet loose	

Collect Sample

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ERM
5788 Widewaters Blvd.
Syracuse, NY 13214

Boring Number: B-10

001317Z

BORING LOG

DEPTH (feet below grade)	SAMPLES				SOIL DESCRIPTION	REMARKS
	Sample Number	Recovery (feet)	FID / PID (ppm)	Blow Counts		
10						
					see previous pg.	
11					refusal at 11ft bgs — rock	
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						

Signature: Nancy Rae Reese

Date: 6 Jan 04

ERM
5788 Widewaters Parkway
Dewitt, New York 13214

Boring Number: B-11

BORING LOG

Project name & location: Axiohm Ithaca, NY.	Project number 0013172	Date Started: 6 Jan 04 Time: 1350	Date Completed: 6 Jan 04 Time: 1405
Drilling company Parratt Wolff	Geologist CW / NK	Sampler(s) Lane + Jim	Sampler hammer direct push	Drop —
Drilling equipment IR A300 RG	Method splitspoon(SS)/auger	Elevation & datum	Completion depth (7.2) 7 ft. 2'	Rock depth 7 ft. 2' (7.2)
Bit(s) 2" OD SS	Core barrel(s) —	Inspector(s) CW + NK		

DEPTH (feet below grade)	SAMPLES: Sample Number	Recovery (feet)	PID / FID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
0	BORING LOCATION:				SURFACE DESCRIPTION: asphalt	
1						
	1350	1.2	0.0		Olive grey and Moderate Brown angular shale fragments and f-c sand	no odor
2					dry-moist stiff	
3						
	1355	1.4	0.0		Moderate Brown f-c sand some angular gravel	no odor
4					moist stiff	
5						
	1400	1.8	47.7		Olive grey silt and fine sand, little angular gravel	odor
6					moist soft	
7						
	1405	0.2	6.1		Same as above wet soft	slight odor
8					refusal at 7.2' bgs - rock	
9						
10						

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ERM
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Boring Number: B-12

BORING LOG

Project name & location: Axiohm Ithaca, NY.	Project number 0013172	Date Started: Jan 04 Time: ~~1410~~ 1410	Date Completed: Jan 04 Time: 1425
Drilling company: Parratt Wolff	Geologist: CW / NR	Sampler(s): Lane + Jim	Sampler hammer: direct push Drop: —
Drilling equipment: IR A800 Rig	Method: Splitspoon (ss)/auger	Elevation & datum: —	Completion depth: 10.7 Rock depth: 10.7
Bit(s): 2" OD SS	Core barrel(s): —	Inspector(s): CW + NR	

DEPTH (feet below grade)	SAMPLES: Sample Number	Recovery (feet)	FID / PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
0	BORING LOCATION:				SURFACE DESCRIPTION:	
1	1415	1.4	0.0		Olive grey f-c sand and f-m gravel ~~trace~~ little silt	no odor
2					moist Medium stiff	
3	1417	1.2	0.0		Moderate brown fine sand and Olive grey angular f-m gravel	no odor
4					wet medium stiff	
5	1420	0.5	0.0		Grey angular gravel, little olive grey f-c sand	no odor
6					wet loose	
7	1422	1.2	0.0		Same as above	no odor
8						
9	1425	1.1	0.0		Moderate brown silt w/ olive grey angular f-c gravel	no odor
10.7					wet Med stiff	
					eob 10.7ft bgs - refusal - rock	

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ERM
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Boring Number: B-13
* Drum Area #1

BORING LOG

Project name & location: Axiohm Ithaca, N.Y.	Project number: 0013172
Date Started: 6 Jan 04	Date Completed: 6 Jan 04
Time: 1445	Time: 1457
Drilling company: Parratt Wolff	Geologist: CW / NR
Sampler(s): Lane + Jim	Sampler hammer / Drop: direct push
Drilling equipment: IR A300	Method: splitspoon(ss)/auger
Elevation & datum: —	Completion depth: 7'
Rock depth: 7'	
Bit(s): 2" OD	Core barrel(s):
Inspector(s): NR + CW	

DEPTH (feet below grade)	SAMPLES: Sample Number	Recovery (feet)	FID / PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
0	BORING LOCATION:				SURFACE DESCRIPTION:	
1	1450	0.3	0.0		Moderate yellowish brown silt, little angular gravel, moist, stiff	no odor
2						
3	1455	1.4	0.0		Same as above	no odor
4					Grey f-c sand + gravel, moist, loose	
5	1457	1.0	0.0		rock fragments little fine-coarse sand, Grey	no odor
6						
7					eob refusal at 7' - rock	
8						
9						
10						

Collected Sample 4

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ERM

Boring Number: B-14

Drum Area #1

BORING LOG

Project name & location: Axiohm Ithaca, NY.	Project number 0013172	Date Started: 6 Jan 03 Time: 1503	Date Completed: 6 Jan 03 Time: 1512
Drilling company: Parratt Wolff	Geologist: CW / NR	Sampler(s): Lake + Jim	Sampler hammer: direct push	Drop: —
Drilling equipment: IR A300 Rig	Method: split spoon(ss)/auger	Elevation & datum:	Completion depth: 8.2	Rock depth: 8.2
Bit(s): 2" OD SS	Core barrel(s): —	Inspector(s): CW / NR		

DEPTH (feet below grade)	SAMPLES: Sample Number	Recovery (feet)	FID / PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	BORING LOCATION:				SURFACE DESCRIPTION:	
0						
1	1505	1.4	0.0		Dark yellowish brown silt, trace gravel and clay moist stiff	
2						
3	1507	1.6	0.0		Same as above medium stiff	
4						
5	1510	1.0	0.0		Olive grey angular gravel f-c, little f-c sand	
6						
7	1512	0.6	0.0		Olive gray shale pieces, little f-c sand.	
8					eob refusal at 8.2' - rock	
9						
10						

Jar Collected

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Dewitt, New York 13214

Boring Number: B-15

Drum Area #1

BORING LOG

Project name & location: Axiohm Ithaca, NY.	Project number 0013172	Date Started: 6 Jan 04 Time: 1518	Date Completed: 6 Jan 04 Time: 1527
Drilling company: Parratt Wolff	Geologist: CW / NR	Sampler(s): Lane + Jim	Sampler hammer: direct push	Drop:
Drilling equipment: IR A300 Rig	Method: splitspoon(ss)/auger	Elevation & datum: —	Completion depth: 7'	Rock depth: 7'
Bit(s): 2" OD SS	Core barrel(s):	Inspector(s): CW + NR		

DEPTH (feet below grade)	SAMPLES: Sample Number	Recovery (feet)	PID / PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
0	BORING LOCATION:				SURFACE DESCRIPTION: bare ground	
	1520	0.3	0.0		Dark yellowish brown silt, little angular gravel moist stiff	
1						
2						
3	1525	1.8	0.0		Same as above	
4					Olive grey gravel fragments	
5	1527	0.7	0.0		grey shale fragments, small little f-c sand	
6						
7					eob refusal at 7' bgs - rock	
8						
9						
10						

Col. of Samples

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Signature: Nancy Rae Reese

Date: 6 Jan 04

ERM

5788 Widewaters Parkway
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Boring Number: B-16

Drum Area #2

BORING LOG

Project name & location: Axiohm Ithaca, NY.	Project number 0013172	Date Started: 6 Jan 04 Time: 1530	Date Completed: 6 Jan 2004 Time: 1555
Drilling company: Parratt Wolff	Geologist: CW / NR	Sampler(s): Lane + Jim	Sampler hammer: direct push Drop: —
Drilling equipment: IR A300 Rig	Method: splitspoon/auger	Elevation & datum: —	Completion depth: 14' Rock depth: 14'
Bit(s): 2" OD splitspoon	Core barrel(s): —	Inspector(s): CW	

DEPTH (feet below grade)	SAMPLES: Sample Number	Recovery (feet)	PID / FID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	BORING LOCATION:				SURFACE DESCRIPTION:	
0						
1	1533	1.8	0.0		Dark yellowish brown silt, trace clay and gravel	
3	1537	1.8	0.0		moist stiff same as above 2nd layer of shale gravel	
5	1540	1.2	0.0		Olive gray shale gravel angular little silt wet loose	
7	1545	1.5	122		Moderate Brown silt, little etoshale angular gravel	
9	1548	1.0	96.7		Grey silt, trace f gravel wet Medium stiff	
11	1550	1.3	6.3		Grey silt trace clay, little gravel wet soft	
13	1555	1.0	3.2		Moderate Brown/grey sand + gravel wet loose	
15					cob 14' refusal rock	
17						
19						

Collect Sample

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Date: 6 Jan 04

ERM

5788 Widewaters Parkway
Dewitt, New York 13214

Boring Number: B-17

Drum Area #2

BORING LOG

Project name & location: Axiohm Ithaca, N.Y.	Project number 0013172	Date Started: 6 Jan 04 Time: 1558	Date Completed: 6 Jan 2004 Time: 1608
Drilling company: Parratt Wolff	Geologist: CW / NR	Sampler(s): Lane + Jim	Sampler hammer: direct push — Drop: —
Drilling equipment: IR A300 Rig	Method: splitspoon / auger	Elevation & datum: —	Completion depth: 6.2 — Rock depth: 6.2
Bit(s): 2" OD splitspoon	Core barrel(s): —	Inspector(s): CW + NR	

DEPTH (feet below grade)	SAMPLES: Sample Number	Recovery (feet)	PID / FID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	BORING LOCATION:				SURFACE DESCRIPTION:	
0						
1	1600	0.8	0.0		Moderate Brown silt trace clay, little gravel moist soft	
2						
3	1605	1.8	0.0		Moderate Brown silt, trace clay trace gravel moist - wet stiff	
4						
5	1608	1.0	0.0		same as above 4" weathered olive gray shale	
6					eob at 6.2' - rock - refusal	
7						
8						
9						
10						

collect sample

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Dewitt, New York 13214

Boring Number: B-18

BORING LOG

Project name & location: Axiohm Ithaca, NY.	Project number 0013172	Date Started: 7 Jan 04 Time: ~~0915~~ 0815	Date Completed: 7 Jan 04 Time:
Drilling company: Parratt Wolff	Geologist: CW/NR	Sampler(s): Bill	Sampler hammer: — Drop: —
Drilling equipment: tractor mtd geoprobe	Method: direct push	Elevation & datum: —	Completion depth: — Rock depth: —
Bit(s): macro core	Core barrel(s):	Inspector(s): CW + NR	

DEPTH (feet below grade)	SAMPLES: Sample Number	Recovery (feet)	PID/FID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	BORING LOCATION:				SURFACE DESCRIPTION: concrete/metal grating	
0					↓	
1	0815	3.2	0.0		Moderate Brown silt and sand, some f-m subrounded gravel, moist - dry, stiff	
2			6.0		Moderat Brown silt, little sand trace gravel + clay, moist, Medium stiff	
3						
4						sampler got stuck in the borehole
5						
6						
7						
8						
9						
10						

all one macrocore

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Boring Number: B-18

BORING LOG

Project name & location: Axiohm Ithaca, NY.	Project number 0013172	Date Started: 9 Jan 04 Time: 1350	Date Completed: 9 Jan 04 Time: 1355
Drilling company: Parratt Wolff	Geologist: NR/CN	Sampler(s): Bill	Sampler hammer / Drop:
Drilling equipment: geoprobe tacdormost	Method: direct push	Elevation & datum:	Completion depth: 8.7 / Rock depth:
Bit(s): 2" OD	Core barrel(s):	Inspector(s): NR	

DEPTH (feet below grade)	SAMPLES: Sample Number	Recovery (feet)	PID / FID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	BORING LOCATION:				SURFACE DESCRIPTION:	
0						
1						
2						
3						
4						
5	1355	4'	0.0		Brownish grey silt and gravel dry loose	
6			0.0		Dark yellowish brown silt mud sand and gravel little clay moist m. stiff	
7			0.0		↓ ↓	
8			0.0			
			55.1		Dark grey silt, little clay, gravel moist-wet stiff	strong odor
9			↓			
10						

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Boring Number: B-19

BORING LOG

Project name & location: Axiohm Ithaca, N.Y.	Project number: 0013172	Date Started: 7 Jan 04 Time: 0927	Date Completed: 7 Jan 04 Time: 0931
Drilling company: Parratt Wolff	Geologist: CW/NR	Sampler(s): Bill	Sampler hammer: —	Drop: —
Drilling equipment: tractor mtd geoprobe	Method: direct push	Elevation & datum: —	Completion depth: 8.7'	Rock depth: 8.7'
Bit(s): macro core	Core barrel(s):	Inspector(s): CW + NR		

DEPTH (feet below grade)	SAMPLES: Sample Number	Recovery (feet)	PID / FID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	BORING LOCATION:				SURFACE DESCRIPTION: concrete / metal grating	
0						
1						
2	0927	0.8	0.0		olive gray sand + rounded f-m gravel, one large pink cobble dry-moist loose	
3						
4	0930	3.3	0.0		Dark yellowish brown fine sand little silt trace gravel fine moist soft	
5			↓			
6			23.3		Dark yellowish brown silt, w trace clay, trace sand, trace gravel	strong odor
7			↓			
8	0940	0.4	179.5		same as above	strong odor
9			↓		lab 8.7' bgs set well →	5' of screen 1" micro well.
10						

Collect Sample

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Boring Number: B-20

BORING LOG

Project name & location: Axiohm Ithaca, NY.	Project number 0013172	Date Started: 7 Jan 04 Time: 1008	Date Completed: 7 Jan 04 Time: 1015
Drilling company: Parratt Wolff	Geologist: CW/NR	Sampler(s): Bill	Sampler hammer: — Drop: —
Drilling equipment: tractor mtd geoprobe	Method: direct push	Elevation & datum: —	Completion depth: 7.2 Rock depth: 7.2
Bit(s): macro core	Core barrel(s):	Inspector(s): CW + NR	

DEPTH (feet below grade)	SAMPLES: Sample Number	Recovery (feet)	PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
BORING LOCATION:					SURFACE DESCRIPTION: concrete / metal grating	
0						
1	1010	3.1	0.0		Dark yellowish brown sand + silt, little f-c gravel; dry-moist; loose soft	
2			0.0		Same as before; medium stiff	
3						
4	1015	3.0	0.0		Moderate Brown f sand, trace silt and trace gravel; moist; medium stiff	
5						
6			12.2		wet; medium stiff; Same as above	
7					Boh 7.2' - refusal - rock	
8						
9						
10						

Collect Sample 6-7.2

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Boring Number: B-21

BORING LOG

Project name & location: Axiohm Ithaca, NY.	Project number: 0013172	Date Started: 7 Jan 04 Time: 1105	Date Completed: 7 Jan 04 Time: 1110
Drilling company: Parratt Wolff	Geologist: CW/NR	Sampler(s): Bill	Sampler hammer: — Drop: —
Drilling equipment: tractor mtd geoprobe	Method: direct push	Elevation & datum: —	Completion depth: 1.8 Rock depth: 1.8
Bit(s): macro core	Core barrel(s):	Inspector(s): CW + NR	

DEPTH (feet below grade)	SAMPLES: Sample Number	Recovery (feet)	PID / FID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
0	BORING LOCATION: east wall				SURFACE DESCRIPTION: concrete	
1	1110	1.0	0.0		Dark yellowish brown large angular gravel and fine sand wet NR soft	
2			↓		cob 1.8' bgs refusal - rock	
3						
4						
5						
6						
7						
8						
9						
10						

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Boring Number: B-22

BORING LOG

Project name & location: Axiohm Ithaca, NY.	Project number 0013172	Date Started: 7 Jan 04 Time: 1125	Date Completed: 7 Jan 04 Time: 1130
Drilling company: Parratt Wolff	Geologist: CW/NR	Sampler(s): Bill	Sampler hammer: — Drop: —
Drilling equipment: tractor mtd geoprobe	Method: direct push	Elevation & datum: —	Completion depth: 1.8 Rock depth: 1.8
Bit(s): macro core	Core barrel(s): —	Inspector(s): CW + NR	

DEPTH (feet below grade)	SAMPLES: Sample Number	Recovery (feet)	PID / FID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	BORING LOCATION:				SURFACE DESCRIPTION: concrete	
0						
1	1130	0.8	0.0		Dark yellowish brown large angular sand and fine gravel wet soft/loose	
2					refusal 1.8' bgs - rock	
3						
4						
5						
6						
7						
8						
9						
10						

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Boring Number: B-23

BORING LOG

Project name & location: Axiohm Ithaca, NY.	Project number 0013172	Date Started: 7 Jan 04 Time: 1320	Date Completed: 7 Jan 04 Time: 1325
Drilling company: Parratt Wolff	Geologist: CW/NR	Sampler(s): Bill	Sampler hammer: — Drop: —
Drilling equipment: tractor mtd geoprobe	Method: direct push	Elevation & datum: —	Completion depth: 0.7' Rock depth: 0.7'
Bit(s): macro core	Core barrel(s):	Inspector(s): CW + NR	

DEPTH (feet below grade)	SAMPLES: Sample Number	Recovery (feet)	PID / FID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
0	BORING LOCATION:				SURFACE DESCRIPTION: concrete	
	1325	NO 3.2			concrete	no sample collected
1					eob 0.7' - refusal - rock	
2						
3						
4						
5						
6						
7						
8						
9						
10						

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ERM

Boring Number: B-23

BORING LOG

Project name & location: Axiohm Ithaca, NY.	Project number 0013172	Date Started: 8 Jan 04 Time: 1441	Date Completed: 8 Jan 04 Time: 1445
Drilling company: Parratt Wolff	Geologist: CW/NR	Sampler(s): Bill	Sampler hammer: — Drop: —
Drilling equipment: tractor mtd geoprobe	Method: direct push	Elevation & datum: —	Completion depth: 2.2 Rock depth: 2.2
Bit(s): macro core	Core barrel(s):	Inspector(s): CW + NR	

DEPTH (feet below grade)	SAMPLES: Sample Number	Recovery (feet)	PID / PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
0	BORING LOCATION: finner plating room				SURFACE DESCRIPTION: concrete	
1	1445	0.7	0.0		2" moderate brown silt w/ little clay - wet - soft loose f-m angular sand and gravel - dry - loose	collect sample
2					end of boring 2.2' - refusal - rock	
3						
4						
5						
6						
7						
8						
9						
10						

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ERM
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Boring Number: B-24

BORING LOG

Project name & location: Axiohm Ithaca, NY.	Project number: 0013172	Date Started: 8 Jan 04 Time: 1303	Date Completed: 8 Jan 04 Time: 1310
Drilling company: Parratt Wolff	Geologist: CW/NR	Sampler(s): Bill	Sampler hammer: — Drop: —
Drilling equipment: tractor mtd geoprobe	Method: direct push	Elevation & datum: —	Completion depth: 3.2 Rock depth: 3.2
Bit(s): macro core	Core barrel(s):	Inspector(s): CW - NR	

DEPTH (feet below grade)	SAMPLES: Sample Number	Recovery (feet)	PID/FID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	BORING LOCATION:				SURFACE DESCRIPTION: concrete	
0	1310	1.2				
1						layer of black material between two sections of concrete.
2	1310	1.2	0.0		olive grey f sand fine grained fractured shale dry medium stiff	
3					refusal @ 3.2' - rock	
4						
5						
6						
7						
8						
9						
10						

Collect Sample

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ERM

Boring Number: B-25

BORING LOG

Project name & location: Axiohm Ithaca, NY.	Project number 0013172.	Date Started: 7 Jan 04 Time: 1405	Date Completed: 7 Jan 04 Time: 1413
Drilling company: Parratt Wolff	Geologist: CW/NR	Sampler(s): Bill	Sampler hammer: —	Drop: —
Drilling equipment: tractor mtd geoprobe	Method: direct push	Elevation & datum: —	Completion depth: 6'	Rock depth: 6'
Bit(s): macro core	Core barrel(s): —	Inspector(s): CW + NR		

DEPTH (feet below grade)	SAMPLES: Sample Number	Recovery (feet)	PID / PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
0	BORING LOCATION: corner of former plating area				SURFACE DESCRIPTION: concrete	
1	1407	2.0	0.0		Dark yellowish brown f-c sand and f-c gravel, dry, loose	
2			0.0		Greenish grey f-c sand + f-c gravel, dry, ~~loose~~ medium stiff	
3						
4	1413	23.0	0.0		Dark yellowish brown f-c sand and f-c gravel trace silt, dry moist, medium stiff	
5						
6					eob 6' bgs - refusal - rock	
7						
8						
9						
10						

Collect sample

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Boring Number: B-26

BORING LOG

Project name & location: Axiohm Ithaca, NY.	Project number: 0013172	Date Started: 7 Jan 04 Time: 1430	Date Completed: 7 Jan 04 Time: 1435
Drilling company: Parratt Wolff	Geologist: CW/NR	Sampler(s): Bill	Sampler hammer: — Drop: —
Drilling equipment: tractor mtd geoprobe	Method: direct push	Elevation & datum: —	Completion depth: 3.6 Rock depth: ?
Bit(s): macro core	Core barrel(s):	Inspector(s): CW + NR	

DEPTH (feet below grade)	SAMPLES: Sample Number	Recovery (feet)	PID / FID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	BORING LOCATION:				SURFACE DESCRIPTION: concrete	
0						
1	1435	1.2	0.0		fill material - gravel, sand a piece of brick 2-1" pieces of yellow paper; yellow powder/crystals dust dry loose	
2						
3					end of boring 3.6' bgs	
4						
5						
4						
7						
8						
9						
10						

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ERM

Boring Number: B-27

BORING LOG

Project name & location: Axiohm Ithaca, NY.	Project number 0013172	Date Started: 7 Jan 04 Time: 1510	Date Completed: 7 Jan 04 Time: 1515
Drilling company: Parratt Wolff	Geologist: CW/NR	Sampler(s): Bill	Sampler hammer: — Drop: —
Drilling equipment: tractor mtd geoprobe	Method: direct push	Elevation & datum: —	Completion depth: 4' Rock depth: ?
Bit(s): macro core	Core barrel(s): —	Inspector(s): CW + NR	

BORING LOCATION:

SURFACE DESCRIPTION: concrete

DEPTH (feet below grade)	SAMPLES: Sample Number	Recovery (feet)	PID / PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
0						
1	1515	3.0	0.0		Moderate brown silt, little fine sand, trace fine gravel, trace clay moist soft	
2					same as above	
3			0.0		moist - wet	
4					eob 4.5 feet - investigate drainage piping	
5						
6						
7						
8						
9						
10						

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Dewitt, New York 13214

Boring Number: B-28

BORING LOG

Project name & location: Axiohm Ithaca, N.Y.	Project number 001317Z	Date Started: 8 Jan 04 Time: 1303	Date Completed: 8 Jan 04 Time: 1335
Drilling company: Parratt Wolff	Geologist: CW/NR	Sampler(s): Lane + Jim	Sampler hammer: — Drop: —
Drilling equipment: tractor mtd geoprobe	Method: direct push	Elevation & datum: —	Completion depth: 13' Rock depth: 13'
Bit(s): macro core	Core barrel(s):	Inspector(s): CW + NR	

DEPTH (feet below grade)	SAMPLES: Sample Number	Recovery (feet)	PID / PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
0	BORING LOCATION: parking area along sanitary storm sewer				SURFACE DESCRIPTION: concrete asphalt	
1	1305	1.0	0.0		Dark yellowish brown fine sand, some silt and weathered shale moist medium stiff	
2	1310	1.2	28.3		Dark greenish grey fine sand and angular coarse sand trace medium gravel wet med stiff	
3						
4	1312	0.2	0.0		Dark greenish grey f-c sand f-m gravel wet loose	
5					auger	
6						
7	1325	0.9	71.3		Dark greenish grey fine sand and silt some fine angular gravel wet soft	
8						wet at 8' bgs
9	1330	1.1	0.0		Dark greenish grey fine sand and silt little fine gravel, little clay moist med stiff	
10						

Left sample

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Date: 8 Jan 2004

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5788 Widewaters Blvd.
Syracuse, NY 13214

Boring Number: B-28

0013172

BORING LOG

DEPTH (feet below grade)	SAMPLES: Sample Number	Recovery (feet)	FID / PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
10						
					See previous page	
11						
	1335	1.2	0.0		Dark greenish grey fine sand and silt trace gravel! Grades to some angular shale fragments to shale fragments only	
12					wet soft	
13					cob at 11' bgs - refusal-rock	
14						
15						
16						
17						
18						
19						
20						
21						
22						

Page: 2 of 2

Signature: Nancy Lee Reese

Date: 8 Jan 2004

ERM
5788 Widewaters Parkway
Dewitt, New York 13214

Boring Number: B-29

BORING LOG

Project name & location: Axiohm Ithaca, NY.	Project number 0013172	Date Started: 8 Jan 04 Time: 1448	Date Completed: 8 Jan 04 Time: 1510
Drilling company: Parratt Wolff	Geologist: CW/NR	Sampler(s): Bill	Sampler hammer: — Drop: —
Drilling equipment: tractor mtd geoprobe	Method: direct push	Elevation & datum: —	Completion depth: 13.1 Rock depth: 13.1
Bit(s): macro core	Core barrel(s):	Inspector(s): CW + NR	

DEPTH (feet below grade)	SAMPLES: Sample Number	Recovery (feet)	PID / PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
0	BORING LOCATION: plating room near west windows north of				SURFACE DESCRIPTION: concrete	
1	1500	1.3	0.0		Moderate brown silt w/ little clay then sand soft wet; large angular dark grey wet sand little shale pieces. wet loose	
2						
3						
4	1505	2.2	0.0		Dark greenish grey clayey silt and angular fine gravel moist-wet soft	
5						
6	1505		0.0		same as above moist soft	
7						
8	1510	2.3	0.0		same as above w/ fine sand wet soft	
9						
10						

Signature: Nancy Rae Reese

Date: 8 Jan 2004

ERM

5788 Widewaters Blvd.
Syracuse, NY 13214

Boring Number: B-29

0013172

BORING LOG

DEPTH (feet below grade)	SAMPLES: Sample Number	Recovery (feet)	FID / PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
10						
	1510		0.0		m-c angular shale, little f-sand, silt and clay matrix, wet loose/soft	
11						
12		↓				
	1520	1.0	124.1		same as above saturated loose	
13		↓				
					end of boring 13.1' bgs - refusal - rock	
14						
15						
16						
17						
18						
19						
20						
21						
22						

Collect Samples

Page: 2 of 2

Signature: Nancy Lee Reese

Date: 8 Jan 04

ERM
5788 Widewaters Parkway
Dewitt, New York 13214

Boring Number: B-30

BORING LOG

Project name & location: Axiohm Ithaca, NY.	Project number 0013172	Date Started: 8 Jan 04 Time: 1532	Date Completed: 8 Jan 04 Time: 1542
Drilling company: Parratt Wolff	Geologist: CW/NR	Sampler(s): Lane + Jim	Sampler hammer: — Drop: —
Drilling equipment: tractor mtd geoprobe	Method: direct push	Elevation & datum: —	Completion depth: 8.5 Rock depth: 8.5
Bit(s): macro core	Core barrel(s):	Inspector(s): CW + NR	

DEPTH (feet below grade)	SAMPLES: Sample Number	Recovery (feet)	PID / FID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
0	BORING LOCATION: former plating UST area				SURFACE DESCRIPTION: ~~concrete~~ asphalt	
1	1535	1.8	4.9		Dark yellowish brown clayey silt trace fine sand - moist V. stiff - fine gravel angular layer	
2					Dark yellowish brown silty clay w/ some angular gravel - med stiff moist	
3	1537	1.6	10.7		Dark yellowish brown fine sand/silt and clay and f angular gravel/ moist, stiff	
4					f-m gravel w/ matrix at 1' Dark yellowish Brown silt and clay w/ trace f gravel and f sand moist V. stiff	
5	1540	1.8	4.3		Same as above w/ ~~large~~ med gravel Moderate brown clayey silt w/ trace large angular sand, moist V. stiff	
6						
7	1542	1.4	1.4		Dark yellowish brown silt clay w/ little gravel fine - wet - m. stiff becomes more gravely	
8					rock	
9					eob 8.5' bgs - refusal - rock	
10						

collected sample

Page: 1 of 1 Signature: Nancy Rae Reese Date: 8 Jan 2004

ERM
5788 Widewaters Parkway
Dewitt, New York 13214

Boring Number: B-31

BORING LOG

Project name & location: Axiohm Ithaca, NY.	Project number 0013172	Date Started: 8 Jan 04 Time: 1558	Date Completed: 8 Jan 04 Time: 1603
Drilling company: Parratt Wolff	Geologist: CW/NR	Sampler(s): Lane + Jim	Sampler hammer: — Drop: —
Drilling equipment: tractor mtd geoprobe	Method: direct push	Elevation & datum: —	Completion depth: 3.5 Rock depth: 3.5
Bit(s): macro core	Core barrel(s):	Inspector(s): CW + NR	

DEPTH (feet below grade)	SAMPLES: Sample Number	Recovery (feet)	PID / PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
0	BORING LOCATION: south east of B-10				SURFACE DESCRIPTION: ~~concrete~~ asphalt	
1	1600	2.0	46.8		Dark greenish grey sand silt clay and ¢ gravel. (till) V. stiff moist	
2						
3	1603	0.5	38.2		same as above wet stiff	
4					rock cob 3.5' - refusal - rock	
5						
6						
7						
8						
9						
10						

Collect Sample

Page: 1 of 1 Signature: Nancy Rae Reese Date: 8 Jan 2004

5788 Widewaters Parkway
Dewitt, New York 13214

ERM

Boring Number: B-32

BORING LOG

Project name & location: Axiohm Ithaca, NY.	Project number 0013172	Date Started: 8 Jan 04 Time: 1613	Date Completed: 8 Jan 04 Time: 1620
Drilling company: Parratt Wolff	Geologist: CW/NR	Sampler(s): Lane + Jim	Sampler hammer: —	Drop: —
Drilling equipment: tractor mtd geoprobe	Method: direct push	Elevation & datum: —	Completion depth: 4.5'	Rock depth: 4.5'
Bit(s): macro core	Core barrel(s):	Inspector(s): CW + NR		

Collect Sample

DEPTH (feet below grade)	SAMPLES: Sample Number	Recovery (feet)	PID / FID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
0	BORING LOCATION: south east of Plating UST area.				SURFACE DESCRIPTION: ~~concrete~~ grass	
1	1615	1.7	0.0		Dark greenish grey, silt, sand, clay and angular gravel moist v. stiff	
2	1617	1.0	0.0		Dark greenish grey f-c sand and f-m gravel dry loose	
3						
4	1620	0.3	0.0		Same as above	
5					refusal at 4.5' bgs - rock	
6						
7						
8						
9						
10						

Page: 1 of 1 Signature: Nancy Lee Reese Date: 8 Jan 2004

ERM
5788 Widewaters Parkway
Dewitt, New York 13214

Boring Number: B-33

BORING LOG

Project name & location: Axiohm Ithaca, NY	Project number: 0013172
Date Started: 9 Jan 04	Date Completed: 9 Jan 04
Time:	Time: 8:35
Drilling company: Parratt Wolff	Geologist: CW/NR
Sampler(s): Lance + Jim	Sampler hammer: 140 lbs / Drop: 30"
Drilling equipment: Bower tower	Method: split spoon
Elevation & datum	Completion depth: 2 ft / Rock depth:
Bit(s): 2" split spoon	Core barrel(s)
Inspector(s): [redacted] RS	

DEPTH (feet below grade)	SAMPLES: Sample Number	Recovery (feet)	PID / FID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
0	BORING LOCATION: 0835				SURFACE DESCRIPTION: Concrete	
					↓	Concrete to 5.5 ft
1					moderate-brown fine to coarse Sand Sub rounded fine to med. gravel, trace silts. Firm, moist FID 0.00ppm	no odor
2						

Page: 1 of 1

Signature: [signature]

Date: 9 Jan 04

ERM

5788 Widewaters Parkway
Dewitt, New York 13214

Boring Number: B-34

BORING LOG

Project name & location: Axiohm Ithaca, NY.	Project number 0013172	Date Started: 8 Jan 04	Date Completed: 9 Jan 04
		Time: 0915	Time: 0925
Drilling company: Parratt Wolff	Geologist: CW/NR	Sampler(s): Lane + Jim	Sampler hammer: — Drop: —
Drilling equipment: tractor mtd geoprobe	Method: direct push	Elevation & datum: —	Completion depth: 7 Rock depth: 7
Bit(s): macro core	Core barrel(s):	Inspector(s): CW + NR	

DEPTH (feet below grade)	SAMPLES: Sample Number	Recovery (feet)	PID/FID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	BORING LOCATION:				SURFACE DESCRIPTION: concrete	
0						
1	0915	1.0	0.0		Dark yellowish brown silt, sand, gravel and little clay, moist, stiff	no odor
2						
3	0917	0.8	0.0		Dark yellowish brown sand, silt and f-m gravel V. Stiff moist	no odor
4					gray m gravel - dry - loose	
5	0920	0.3	0.0		Dark yellowish Brown f-c sand and f-m gravel moist-wet stiff	↑ gravel layer ↑ gray m gravel ↓
6					no odor	
7	0925	0.7	0.0		Dark yellowish gray m-c angular sand and f-m gravel angular loose moist	no odor
8					eob 9' bgs - refusal - rock	
9						
10						

Page: 1 of 1

Signature: Nancy Rae Reese

Date: 9 Jan 2004

Environmental Products & Services, Inc.	**Subsurface Log**	Hole No.: TF-1	Date started: 2/20/03
		Sheet 1 of 1	Date Finished: 2/20/

Client: Axiohm
Site:
Location: Ithaca, NY

Method of investigation: Mobil B-59 Drill Rig using 4.25" HSA with 2" Split Spoon Sampler

Project No.: Z0126
P. Manager: Dale Braue

Drilling Co.: SDS
Geologist: M. Swidowski

Driller: Jeff Grant
D. Helper:
Drill Rig: Mobile B-59

Weather: Sunny 35 deg. F

Depth (ft.)	Split Spoon Sample No.	Depth (ft.)	Blows per 6"	"N"	Recovery (ft.)	Sample Description	Field Analytical Readings	Well Details	Groundwater and Other Observations
						0 - 0.5': Asphalt, base rock and gravel. 0.5' - 2.0': Encountered refusal; augered through to 4.5'.			
5	1	4-6	26-50/.3		0.8	4.5' - 5.3': SAND, fine to coarse grained; trace fine gravel; brown; moist.	0.0 ppm	no well	
	2	6-8	26-50-50/.3		1.0	6.0' - 7.0': SAND, fine to coarse grained; little fine gravel; brown; moist.	0.0 ppm		
	3	8-10	50-50/.4		1.0	8.0' - 9.0': SAND, fine to coarse grained; brown; moist.	3.3 ppm		Groundwater at approx. 10.0'
10	4	10-12	24-50/.4		0.8	10.0' - 10.8': Same as above; wet. (Sample collected for laboratory analysis.)	14.1 ppm		
						Bottom of Boring Approx. 11.0'.			
15									
20									
25									
30									
35									

Sample Types:
S = Split Spoon: X T= Shelby Tube:
R = Rock Core: O =
N = ASTM D1586

Backfill Well Key
Cement
Native Fill
Sand
Bentonite

Environmental
Products & Services, Inc.

Subsurface Log

Hole No.: TF-2 | Sheet 1 of 1 | Date started: 2/20/03 | Date Finished: 2/20/03

Client: Axiohm
Site:
Location: Ithaca, NY

Method of investigation: Mobil B-59 Drill Rig using 4.25" HSA with 2" Split Spoon Sampler

Project No.: Z0126 | Drilling Co.: SDS | Driller: Jeff Grant | D. Helper: | Weather: Sunny 35 deg. F

P. Manager: Dale Braue | Geologist: M. Swidowski | Drill Rig: Mobile B-59

Depth (ft.)	Split Spoon Sample No.	Depth (ft.)	Blows per 6"	"N"	Recovery (ft.)	Sample Description	Field Analytical Readings	Well Details	Groundwater and Other Observations
	1	0.5-2	17-50/.2		0.8	0 - 0.5': Asphalt, base rock and gravel.	0.0 ppm		
	2	2-4	19-13-11-5		0	0.5' - 1.3': SAND, fine to coarse grained; little fine gravel; brown; moist.	0.0 ppm		
						2.0' - 4.0': No recovery.			
	3	4-6	8-6-7-4		0.5		0.0 ppm		
5						4.0' - 4.5': SAND, fine to coarse grained; some fine gravel; trace of medium stiff clay; brown; moist.		no well	
	4	6-8	10-9-9-7		0.8		0.0 ppm		
						6.0' - 6.8': Same as above.			
	5	8-10	5-6-5-10		0.8	8.0' - 8.8': Same as above.	0.0 ppm		
10	6	10-12	7-6-5-4		0.7	10.0' - 10.8': SAND, fine to coarse grained; little fine gravel; brown; dry.	0.0 ppm		Groundwater at approx. 12.5' ▼
	7	12-14	7-9-50/.2		0.5	12.0' - 12.5': Fine GRAVEL; some fine to coarse sand; brown; slightly moist to wet at end of sample. (Sample collected for laboratory analysis.) Refusal at approximately 14.8'.	0.0 ppm		
15									
20						Bottom of Boring Approx. 14.0'.			
25									
30									
35									

Sample Types:
S = Split Spoon: X T= Shelby Tube:
R = Rock Core: O =
N = ASTM D1586

Backfill Well Key
Cement | Native Fill | Sand | Bentonite

Environmental
Products & Services, Inc.

Subsurface Log

Hole No.: HTP-1
Sheet 1 of 1

Date started: 2/20/03
Date Finished: 2/20/0

Client: Axiohm
Site:
Location: Ithaca, NY

Method of investigation: Mobil B-59 Drill Rig using 4.25" HSA with 2" Split Spoon Sampler

Project No.: Z0126
P. Manager: Dale Braue

Drilling Co.: SDS
Geologist: M. Swidowski

Driller: Jeff Grant
D. Helper:
Drill Rig: Mobile B-59

Weather: Sunny 35 deg. F

Depth (ft.)	Split Spoon Sample No.	Depth (ft.)	Blows per 6"	"N"	Recovery (ft.)	Sample Description	Field Analytical Readings	Well Details	Groundwater and Other Observations
	1	0.5-2	39-50/.1		0.5	0 - 0.5': Asphalt, base rock and gravel.	0.0 ppm		
	2	2-4	18-14-10-9		0	0.5' - 1.0': SAND, fine to coarse grained; some fine gravel; brown; dry.	0.0 ppm		
						2.0' - 4.0': No recovery.			
	3	4-6	9-9-8-9		0.8	4.0' - 4.8': Fine GRAVEL; some fine to coarse grained sand; trace silt; brown; dry.	0.0 ppm		
5									
	4	6-8	7-8-6-5		0.8	6.0' - 6.8': SAND, fine to coarse grained; little fine gravel; trace silt; brown; dry.	0.0 ppm	no well	
	5	8-10	10-21-41-46		0.8	8.0' - 8.8': Fine GRAVEL; some fine to coarse grained sand; trace silt; brown; dry.	0.0 ppm		Groundwater at approx. 10.5'
10	6	10-12	95-50/.1		0.5	10.0' - 10.5': SAND, fine to coarse grained; little fine gravel; trace silt; brown; wet. (Sample collected for laboratory analysis.)	2.5 ppm		
15						Bottom of Boring Approx. 12'.			
20									
25									
30									
35									

Sample Types:
S = Split Spoon: X T= Shelby Tube:
R = Rock Core: O =
N = ASTM D1586

Backfill Well Key
Cement
Native Fill
Sand
Bentonite

Environmental Products & Services, Inc.	**Subsurface Log**	Hole No.: UST-1	Date started: 2/20/03
		Sheet 1 of 1	Date Finished: 2/20/03

Client: Axiohm
Site:
Location: Ithaca, NY

Method of investigation: Mobil B-59 Drill Rig using 4.25" HSA with 2" Split Spoon Sampler

Project No.: Z0126
P. Manager: Dale Braue

Drilling Co.: SDS
Geologist: M. Swidowski

Driller: Jeff Grant
D. Helper:
Drill Rig: Mobile B-59

Weather: Sunny 35 deg. F

Depth (ft.)	Split Spoon Sample No.	Depth (ft.)	Blows per 6"	"N"	Recovery (ft.)	Sample Description	Field Analytical Readings	Well Details	Groundwater and Other Observations
	1	0-2	9-11-7-6		1.0	0 - 0.3': Asphalt, base rock and gravel.	0.0 ppm		
	2	2-4	5-9-11-8		1.2	0.3' - 1.0': SAND, fine to coarse grained; trace fine gravel; brown; wet.	0.0 ppm		
	3	4-6	15-13-13-7		0.8	2.0' - 3.2': SAND, fine to coarse grained; some fine gravel; little silt; brown; moist.	0.0 ppm		
5								no well	
	4	6-8	12-9-7-5		1.2	4.0' - 4.8': Fine GRAVEL, and fine to coarse grained SAND; brown-gray; dry.	0.0 ppm		
	5	8-10	10-21-45-15		1.0	6.0' - 6.6': Fine GRAVEL; some fine to coarse grained sand; brown; dry.	0.0 ppm		Groundwater at approx. 11'
						6.6' - 7.2': SAND, fine to coarse grained; little fine gravel; little silt; brown; moist.			
10	6	10-12	15-10-12-14		1.0		0.0 ppm		
						8.0' - 9.0': SILT; some fine grained sand; trace fine gravel; brown; moist to dry.			
						10.0' - 11.0': SILT; some fine grained sand; brown; wet. (Sample collected for laboratory analysis.)			
15									
						Bottom of Boring Approx. 12'.			
20									
25									
30									
35									

Sample Types:
S = Split Spoon: X T= Shelby Tube:
R = Rock Core: O =
N = ASTM D1586

Backfill Well Key
Cement
Native Fill
Sand
Bentonite

Environmental Products & Services, Inc.	**Subsurface Log**	Hole No.: CHEM-1	Date started: 2/20/03
		Sheet 1 of 1	Date Finished: 2/20/03

Client: Axiohm
Site:
Location: Ithaca, NY

Method of Investigation: Mobil B-59 Drill Rig using 4.25" HSA with 2" Split Spoon Sampler

Project No.: Z0126
P. Manager: Dale Braue

Drilling Co.: SDS
Geologist: M. Swidowski

Driller: Jeff Grant
D. Helper:
Drill Rig: Mobile B-59

Weather: Sunny 35 deg. F

Depth (ft.)	Split Spoon Sample No.	Depth (ft.)	Blows per 6"	"N"	Recovery (ft.)	Sample Description	Field Analytical Readings	Well Details	Groundwater and Other Observations
	1	0-2	8-24-12-10		1.5	0 - 0.5': SILT; little fine grained sand; brown; moist.	0.0 ppm		
	2	2-4	9-6-8-7		1.0	0.5' - 1.5': SILT; some fine grained sand; trace fine gravel; brown; moist.	0.0 ppm		
5	3	4-6	12-9-10-12		1.0	2.0' - 3.0': SILT; trace fine grained sand; brown; moist.	0.0 ppm	no well	
	4	6-8	8-6-5-11		1.0	4.0' - 5.0': Fine GRAVEL; little fine to coarse grained sand; trace silt; brown; dry.	0.0 ppm		
	5	8-10	100/.1		0	6.0' - 7.0': SILT, trace fine grained sand; trace medium stiff clay; brown; moist.	0.0 ppm		Groundwater at approx. 11' ▼
10	6	10-12	12-7-4-5		1.0	8.0' - 10.0': No recovery.	0.0 ppm		
						10.0' - 10.5': SILT; trance fine to coarse grained sand; trace medium stiff clay; brown; wet. (Sample collected for laboratory analysis.)			
15									
						Bottom of Boring Approx. 12'.			
20									
25									
30									
35									

Sample Types:
S = Split Spoon: X T= Shelby Tube:
R = Rock Core: O =
N = ASTM D1586

Backfill Well Key
Cement
Native Fill
Sand
Bentonite

Environmental Products & Services, Inc.	Subsurface Log	Hole No.: CHEM-2	Date started: 2/20/03
		Sheet 1 of 1	Date Finished: 2/20/03

Client: Axiohm	Method of investigation: Mobil B-59 Drill Rig using 4.25" HSA with 2" Split Spoon Sampler
Site:	
Location: Ithaca, NY	

Project No.: Z0126	Drilling Co.: SDS	Driller: Jeff Grant	Weather: Sunny
		D. Helper:	35 deg. F
P. Manager: Dale Braue	Geologist: M. Swidowski	Drill Rig: Mobile B-59	

Depth (ft.)	Split Spoon Sample No.	Depth (ft.)	Blows per 6"	"N"	Recovery (ft.)	Sample Description	Field Analytical Readings	Well Details	Groundwater and Other Observations
	1	0-2	8-4-4		1.0	0 - 1.0': SAND, fine grained; trace coarse sand; trace silt; brown; moist.	0.0 ppm		
	2	2-4	4-6-8-10		0.8		0.0 ppm		
						2.0' - 2.8': Same as above.			
	3	4-6	3-4-4-5		0.8	4.0' - 4.8': SAND, coarse grained; some fine sand; some fine gravel; brown; dry.	0.0 ppm		
5								no	
	4	6-8	5-3-8-9		0.7	6.0' - 6.7': SILT, some fine to coarse grained sand; trace fine gravel; brown; moist.	0.0 ppm	well	Groundwater at approx. 9'
									▼
	5	8-10	6-4-12-8		1.2	8.0' - 10.0': SILT; little fine to coarse grained sand; trace fine gravel; brown; wet. (Sample collected for laboratory analysis.)	0.0 ppm		
10							0.0 ppm		
						Bottom of Boring Approx. 10'.			
15									
20									
25									
30									
35									

Sample Types:
S = Split Spoon: X T= Shelby Tube:
R = Rock Core: O =
N = ASTM D1586

Backfill Well Key
Cement
Native Fill
Sand
Bentonite

Environmental Products & Services, Inc.	Subsurface Log	Hole No.: CHEM-3	Date started: 3/14/03
		Sheet 1 of 1	Date Finished: 3/14/0

Client: Axiohm	Method of investigation: Mobil B-59 Drill Rig using 4.25" HSA with 2" Split Spoon Sampler
Site:	
Location: Ithaca, NY	

Project No.: Z0126	Drilling Co.: SDS	Driller:	Jeff Grant	Weather:	
		D. Helper:	Jaeson Rohr	Sunny	
P. Manager: Dale Braue	Geologist: M. Swidowski	Drill Rig:	Mobile B-59	40 deg. F	

Depth (ft.)	Split Spoon Sample No.	Depth (ft.)	Blows per 6"	"N"	Recovery (ft.)	Sample Description	Field Analytical Readings	Well Details	Groundwater and Other Observations
	1	0-2	25-43-50/.3		1.0	0 - 1.0': SAND, fine to medium grained; little shale; brown; frozen.	1.2 ppm		
	2	2-4	50/.3		0.6	2.0' - 2.6': Same as above.	11.5 ppm	no well	
	3	4-5	50/.3		0.6	4.0' - 4.6': SAND, coarse grained; trace shale; brown-gray; dry. (Sample collected for laboratory analysis.) Refusal at approximately 5.0'.	27.5 ppm		groundwater not encountered
5						Bottom of Boring Approx. 5.0'.			
10									
15									
20									
25									
30									
35									

Sample Types:
S = Split Spoon: X T= Shelby Tube:
R = Rock Core: O =
N = ASTM D1586

Backfill Well Key
Cement
Native Fill
Sand
Bentonite

Environmental Products & Services, Inc.	**Subsurface Log**	Hole No.: CHEM-4	Date started: 3/14/03
		Sheet 1 of 1	Date Finished: 3/14/03

Client: Axiohm
Site:
Location: Ithaca, NY

Method of investigation: Mobil B-59 Drill Rig using 4.25" HSA with 2" Split Spoon Sampler

Project No.: Z0126
P. Manager: Dale Braue

Drilling Co.: SDS
Geologist: M. Swidowski

Driller: Jeff Grant
D. Helper: Jaeson Rohr
Drill Rig: Mobile B-59

Weather: Sunny 40 deg. F

Depth (ft.)	Split Spoon Sample No.	Depth (ft.)	Blows per 6"	"N"	Recovery (ft.)	Sample Description	Field Analytical Readings	Well Details	Groundwater and Other Observations
	1	0-2	11-22-50/.4		0.5	0 - 0.5': SAND, fine to medium grained, some gray shale; brown; frozen.	0.2 ppm		
	2	2-4	50/.3		0.3		1.5 ppm	no well	
						2.0' - 2.3': SAND, fine to medium grained; trace fine gravel; brown; dry. (Sample collected for laboratory analysis.)			
	3	4-5	50/.3		0		1.3 ppm		groundwater not encountered
5						4.0' - 5.0': Refusal at approximately 5.0'. Auger cuttings (same as above) collected for PID reading.			
						Bottom of Boring Approx. 5.0'.			
10									
15									
20									
25									
30									
35									

Sample Types:
S = Split Spoon: X T= Shelby Tube:
R = Rock Core: O =
N = ASTM D1586

Backfill Well Key
Cement
Native Fill
Sand
Bentonite

Environmental Products & Services, Inc.

Subsurface Log

Hole No.: CHEM-5 | Sheet 1 of 1 | Date started: 3/14/03 | Date Finished: 3/14/0

Client: Axiohm
Site:
Location: Ithaca, NY

Method of investigation: Mobil B-59 Drill Rig using 4.25" HSA with 2" Split Spoon Sampler

Project No.: Z0126
P. Manager: Dale Braue

Drilling Co.: SDS
Geologist: M. Swidowski

Driller: Jeff Grant
D. Helper: Jaeson Rohr
Drill Rig: Mobile B-59

Weather: Sunny 40 deg. F

Depth (ft.)	Split Spoon Sample No.	Depth (ft.)	Blows per 6"	"N"	Recovery (ft.)	Sample Description	Field Analytical Readings	Well Details	Groundwater and Other Observations
	1	0-2	8-13-50/.3		1.0	0 - 1.0': SAND, fine to medium grained, trace gray shale; brown; frozen.	0.2 ppm		
	2	2-4	50/.3		0.5	2.0' - 2.5': SAND, fine to medium grained; some fine gravel; trace gray shale; brown; dry.	1.7 ppm	no well	
	3	4-5	50/.3		0	4.0' - 5.0': Refusal at approximately 5.0'. Auger cuttings (same as above) collected for PID reading. (Sample collected for laboratory analysis.)	3.8 ppm		groundwater not encountered
5									
10						Bottom of Boring Approx. 5.0'.			
15									
20									
25									
30									
35									

Sample Types:
S = Split Spoon: X T= Shelby Tube:
R = Rock Core: O =
N = ASTM D1586

Backfill Well Key
Cement
Native Fill
Sand
Bentonite

Test Pit Logs

ERM

5788 Widewaters Parkway, Dewitt, New York 13214

TEST PIT LOG

Contractor: Parratt Wolff	PROJECT NUMBER: 0013172	Pit No.: TP1
Operator: Brad	PROJECT NAME: Axiohm Facility	Location: 950 Danby Rd.
Equipment: Backhoe	Geologist: EH, NR, CW & RS	Ithaca, NY

DATE/TIME	WEATHER OBSERVATIONS	GROUND WATER OBSERVATIONS			
Date: 8-Jan-04	Temperature: 9 Degrees F	Date			
Time Start: 11:31	Precipitation: lite Snow	Time			
Time Finish: 11:32	Wind: Calm	Water Level			
Note: Location Staked/ Flagge	Ground Conditions: Snow Covered	Note			

DEPTH (ft below grade)	SAMPLE	FID / PID (ppm)	FIELD IDENTIFICATION	COMMENTS
0			Asphalt and construction debris on surface.	Located a top of slope near hedge row
1			Moderate brown clay with silt, atop a olive	across small creek from facility.
2			green shale bedrock.	EH takes two photos.
3				
4				Test Pit dimensions 2 ft* 2 ft* 10 ft
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				

ERM

5788 Widewaters Parkway, Dewitt, New York 13214

TEST PIT LOG

Contractor: Parratt Wolff	PROJECT NUMBER: 0013172	Pit No.: TP2
Operator: Brad	PROJECT NAME: Axiohm Facility	Location: 950 Danby Rd.
Equipment: Backhoe	Geologist: NR & CW	Ithaca, NY

DATE/TIME	WEATHER OBSERVATIONS	GROUND WATER OBSERVATIONS			
Date: 8-Jan-04	Temperature: 9 Degrees F	Date			
Time Start: 11:34	Precipitation: lite Snow	Time			
Time Finish: 12:00	Wind: Calm	Water Level			
Note: Location Staked/ Flagge	Ground Conditions: Snow Covered	Note			

DEPTH (ft below grade)	SAMPLE	FID / PID (ppm)	FIELD IDENTIFICATION	COMMENTS
0				Located a top of slope near hedge row
1			Metal exposed through snow surface.	across small creek from facility.
2			Disturbed med brown clayey soil mixed with	
3			asphalt and roofing materials	EH inspects and observers only
4				construction debris.
5				
6				Test pit dimensions 2 ft* 3 ft* 13ft
7				
8				
9				
10				
11				
12				
13				
14				
15				

ERM

5788 Widewaters Parkway, Dewitt, New York 13214

TEST PIT LOG

Contractor: Parratt Wolff	PROJECT NUMBER: 0013172	Pit No.: TP3
Operator: Brad	PROJECT NAME: Axiohm Facility	Location: 950 Danby Rd.
Equipment: Backhoe	Geologist: NR, EH, RS & CW	Ithaca, NY

DATE/TIME	WEATHER OBSERVATIONS	GROUND WATER OBSERVATIONS			
Date: 8-Jan-04	Temperature: 9 Degrees F	Date			
Time Start: 12:10	Precipitation:	Time			
Time Finish: 12:25	Wind: Calm	Water Level			
Note: Location Staked/ Flagge	Ground Conditions: Snow Covered	Note			

DEPTH (ft below grade)	SAMPLE	FID / PID (ppm)	FIELD IDENTIFICATION	COMMENTS
0			Construction debris, see comments column.	Located a south of TP-2, on a hedge row
1			Construction debris mixed with	along creek, a oposite side of the facility.
2			native brown silty soil.	
3			Medium brown silty sand, with clay	White "latex" like material located at 2 ft,
4				RS takes sample.
5				
6			Shale Bedrock.	No unusal odor noticed in pit.
7				
8				Test pit dimensions 2ft* 6ft * 8ft
9				
10				Construction debris cosists of
11				ceramic tile, wood and metal.
12				
13				
14				
15				

ERM

5788 Widewaters Parkway, Dewitt, New York 13214

TEST PIT LOG

Contractor: Parratt Wolff	PROJECT NUMBER: 0013172	Pit No.: TP4
Operator: Brad	PROJECT NAME: Axiohm Facility	Location: 950 Danby Rd.
Equipment: Backhoe	Geologist: NR & RS	Ithaca, NY

DATE/TIME	WEATHER OBSERVATIONS	GROUND WATER OBSERVATIONS
Date: 8-Jan-04	Temperature: 9 Degrees F	Date
Time Start: 12:32	Precipitation:	Time
Time Finish: 12:50	Wind: Calm	Water Level
Note: Location Staked/ Flagge	Ground Conditions: Snow Covered	Note

DEPTH (ft below grade)	SAMPLE	FID / PID (ppm)	FIELD IDENTIFICATION	COMMENTS
0			Brick and ceramic tile visible on surface.	Located between TP-2 & TP-3 along creek across from the facility.
1				
2			Reddish brown silty clay, mixed with construction debris	
3				
4			Reddish brown silty clay	
5			Shale bedrock hit at 5 ft 2 in.	
6				No unusal odor noticed in pit.
7				
8				Test pit dimensions 2ft* 5ft * 10ft
9				
10				
11				
12				
13				
14				
15				

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5788 Widewaters Parkway, Dewitt, New York 13214

TEST PIT LOG

Contractor: Parratt Wolff	PROJECT NUMBER: 0013172	Pit No.: TP5
Operator: Brad	PROJECT NAME: Axiohm Facility	Location: 950 Danby Rd.
Equipment: Backhoe	Geologist: NR, EH, RS & CW	Ithaca, NY

DATE/TIME	WEATHER OBSERVATIONS	GROUND WATER OBSERVATIONS			
Date: 8-Jan-04	Temperature: 9 Degrees F	Date			
Time Start: 13:00	Precipitation:	Time			
Time Finish: 13:10	Wind: Calm	Water Level			
Note: Location Staked/ Flagge	Ground Conditions: Snow Covered	Note			

DEPTH (ft below grade)	SAMPLE	FID / PID (ppm)	FIELD IDENTIFICATION	COMMENTS
0			Drum and brick exposed on surface.	Scrape taken behind TP-4 along creek
1			Medium brown fine sand and silts, trace clay	
2			Shale bedrock hit at 2 ft	No unusual odor
3				
4				Test pit dimensions 2ft* 2ft * 4ft
5				
6				
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14				
15				

ERM

5788 Widewaters Parkway, Dewitt, New York 13214

TEST PIT LOG

Contractor: Parratt Wolff	PROJECT NUMBER: 0013172	Pit No.: TP6
Operator: Brad	PROJECT NAME: Axiohm Facility	Location: 950 Danby Rd.
Equipment: Backhoe	Geologist: NR & RS	Ithaca, NY

DATE/TIME	WEATHER OBSERVATIONS	GROUND WATER OBSERVATIONS	
Date: 8-Jan-04	Temperature: 9 Degrees F	Date	8 Jan. 2004
Time Start: 13:20	Precipitation: lite snow	Time	13:35
Time Finish: 13:40	Wind: Calm	Water Level	Saturates Soil
Note: Location Staked/ Flagge	Ground Conditions: Snow Covered	Note	Unusual color

DEPTH (ft below grade)	SAMPLE	FID / PID (ppm)	FIELD IDENTIFICATION	COMMENTS
0			Fill material exposed on surface, drum located down slope. Fill material mixed with native brown fine sand and clay pitching out upslope. Medium brown fine sand and clay, trace gravel. Bedrock hit at 6 ft., groundwater enters and saturates soil.	Located down slope of TP-2, vegetation removed to dig pit. Test pit dimensions 2ft* 2ft * 4ft
1				
2				
3				
4				
5				
6				
7				
8				
9				
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12				
13				
14				
15				

ERM

5788 Widewaters Parkway, Dewitt, New York 13214

TEST PIT LOG

Contractor: Parratt Wolff	PROJECT NUMBER: 0013172	Pit No.: TP7
Operator: Brad	PROJECT NAME: Axiohm Facility	Location: 950 Danby Rd.
Equipment: Backhoe	Geologist: RS	Ithaca, NY

DATE/TIME	
Date:	8-Jan-04
Time Start:	14:52
Time Finish:	14:58
Note:	Location Staked/ Flagge

WEATHER OBSERVATIONS	
Temperature:	9 Degrees F
Precipitation:	
Wind:	Calm
Ground Conditions:	Snow Covered

GROUND WATER OBSERVATIONS	
Date	
Time	
Water Level	
Note	

DEPTH (ft below grade)	SAMPLE	FID / PID (ppm)	FIELD IDENTIFICATION	COMMENTS
0				Located along hedge row up slope
1			Gray leached fine sand and silt, and organics.	from bore hole.
2			Reddish brown fine sand and silts, mixed with	
3			fractured shale bedrock.	No unusual odors or materials.
4			Shale bedrock hit at 2.5 ft.	Test pit dimensions 2ft* 2.5ft * 4ft
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				

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5788 Widewaters Parkway, Dewitt, New York 13214

TEST PIT LOG

Contractor: Parratt Wolff	PROJECT NUMBER: 0013172	Pit No.: TP8
Operator: Brad	PROJECT NAME: Axiohm Facility	Location: 950 Danby Rd.
Equipment: Backhoe	Geologist: RS	Ithaca, NY

DATE/TIME	
Date:	8-Jan-04
Time Start:	15:00
Time Finish:	15:15
Note:	Location Staked/ Flagge

WEATHER OBSERVATIONS	
Temperature:	9 Degrees F
Precipitation:	lite snow
Wind:	Calm
Ground Conditions:	Snow Covered

GROUND WATER OBSERVATIONS	
Date	
Time	
Water Level	
Note	

DEPTH (ft below grade)	SAMPLE	FID / PID (ppm)	FIELD IDENTIFICATION	COMMENTS
0				Located along hedge row south of TP-7
1			Gray brown fine sand and silt,	
2			with angeled shale fragments.	
3			Reddish brown fine sand and silts, mixed with	No unusual odors or materials.
4			mixed with angular shale fragments.	Test pit dimensions 2ft* 3.5ft * 6ft
5				
6				Bedrock at 3.5 ft
7				
8				
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12				
13				
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15				

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5788 Widewaters Parkway, Dewitt, New York 13214

TEST PIT LOG

Contractor: Parratt Wolff	PROJECT NUMBER: 0013172	Pit No.: TP9
Operator: Brad	PROJECT NAME: Axiohm Facility	Location: 950 Danby Rd.
Equipment: Backhoe	Geologist: RS	Ithaca, NY

DATE/TIME	
Date:	8-Jan-04
Time Start:	15:15
Time Finish:	15:20
Note:	Location Staked/ Flagge

WEATHER OBSERVATIONS	
Temperature:	9 Degrees F
Precipitation:	lite snow
Wind:	Calm
Ground Conditions:	Snow Covered

GROUND WATER OBSERVATIONS	
Date	
Time	
Water Level	
Note	

DEPTH (ft below grade)	SAMPLE	FID / PID (ppm)	FIELD IDENTIFICATION	COMMENTS
0			Fine sand and silt, with fractured angular shale bedrock and organics, onto of shale bedrock.	Located along hedge row south of TP-7 Bedrock hit at 4 inches. No unusual odor noticed in pit. Test pit dimensions 2ft* 4 in * 3 ft
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
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12				
13				
14				
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5788 Widewaters Parkway, Dewitt, New York 13214

TEST PIT LOG

Contractor: Parratt Wolff	PROJECT NUMBER: 0013172	Pit No.: TP10
Operator: Brad	PROJECT NAME: Axiohm Facility	Location: 950 Danby Rd.
Equipment: Backhoe	Geologist: RS	Ithaca, NY

DATE/TIME	
Date:	8-Jan-04
Time Start:	15:25
Time Finish:	15:35
Note:	Location Staked/ Flagge

WEATHER OBSERVATIONS	
Temperature:	9 Degrees F
Precipitation:	lite snow
Wind:	Calm
Ground Conditions:	Snow Covered

GROUND WATER OBSERVATIONS	
Date	
Time	
Water Level	
Note	

DEPTH (ft below grade)	SAMPLE	FID / PID (ppm)	FIELD IDENTIFICATION	COMMENTS
0				Located just north of land bridge
1			Fine sand and silt, with clay and trace gravel and	over small creek.
2			angular bedrock. Trace asphalt in top .5 ft.	No unusual odor noticed in pit.
3				Test pit dimensions 2ft* 6 ft * 10ft
4			Reddish brown fine sand and silt,	
5			with trace gravel.	
6			Shale bedrock hit at 6 ft.	
7				
8				
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5788 Widewaters Parkway, Dewitt, New York 13214

TEST PIT LOG

Contractor: Parratt Wolff	PROJECT NUMBER: 0013172	Pit No.: TP11
Operator: Brad	PROJECT NAME: Axiohm Facility	Location: 950 Danby Rd.
Equipment: Backhoe	Geologist: RS	Ithaca, NY

DATE/TIME	WEATHER OBSERVATIONS		GROUND WATER OBSERVATIONS	
Date: 8-Jan-04	Temperature:	9 Degrees F	Date	
Time Start: 15:40	Precipitation:	lite snow	Time	
Time Finish: 16:15	Wind:	Calm	Water Level	
Note: Location Staked/ Flagg	Ground Conditions:	Snow Covered	Note	

DEPTH (ft below grade)	SAMPLE	FID / PID (ppm)	FIELD IDENTIFICATION	COMMENTS
0	TP-11D	78.2	Mound containing metal, glass shards, nails & wood	Test pit dug through irregular mound
1	TP-11A	124.3	Fill material mixed with native soils.	near the bridge over the creek.
2	TP-11B	273.4	Gray silty, with gravel and fill material.	Strong solvent odor, sample collected
3	TP-11C	54.7	Strong odor and unnatural color of soil.	at 1.5 ft (Sample TP-11A).
4			Reddish brown fine sands and silts,	SamplesTP-11B taken 2ft. and
5			with trace grave.	Sample TP-11C at 3 ft, due to strong
6			Shale bedrock hit at 5.5 ft	odor and unnatural color of soil.
7				
8				
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12				
13				
14				
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ERM

5788 Widewaters Parkway, Dewitt, New York 13214

TEST PIT LOG

Contractor: Parratt Wolff	PROJECT NUMBER: 0013172	Pit No.: TP12
Operator: Brad	PROJECT NAME: Axiohm Facility	Location: 950 Danby Rd.
Equipment: Excavator	Geologist: NR & CW	Ithaca, NY

DATE/TIME	
Date:	28 Jan. 04
Time Start:	11:11
Time Finish:	11:25
Note:	

WEATHER OBSERVATIONS	
Temperature:	20 Degrees F
Precipitation:	----
Wind:	slight breeze
Ground Conditions:	Snow 0.5-1 ft deep

GROUND WATER OBSERVATIONS	
Date	
Time	
Water Level	
Note	

DEPTH (ft below grade)	SAMPLE	FID / PID (ppm)	FIELD IDENTIFICATION	COMMENTS
0				Located near drum area, across creek
1	TP-12		Dark brown silty sand trace gravel.	from facility.
2			Moderate brown silty sand with trace gravel.	
3			Shale bedrock hit at 1.5 ft.	Sample TP12 collected at 11:31
4				
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6				
7				
8				
9				
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12				
13				
14				
15				

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5788 Widewaters Parkway, Dewitt, New York 13214

TEST PIT LOG

Contractor: Parratt Wolff
Operator: Brad
Equipment: Excavator

PROJECT NUMBER: 0013172
PROJECT NAME: Axiohm Facility
Geologist: NR & CW

Pit No.: TP13
Location: 950 Danby Rd.
Ithaca, NY

DATE/TIME	
Date:	28 Jan. 04
Time Start:	11:30
Time Finish:	11:33
Note:	

WEATHER OBSERVATIONS	
Temperature:	20 Degrees F
Precipitation:	——
Wind:	slight breeze
Ground Conditions:	Snow 0.5-1 ft deep

GROUND WATER OBSERVATIONS	
Date	
Time	
Water Level	
Note	

DEPTH (ft below grade)	SAMPLE	FID / PID (ppm)	FIELD IDENTIFICATION	COMMENTS
0				Located near drum area, across creek
1	TP-13		Top 0.5 ft dark brown silty sand trace gravel.	from facility.
2			Moderate brown silty sand with trace gravel and	
3			shale fragments. Shale bedrock hit at 1.5 ft.	Sample TP13 collected at 11:31
4				
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13				
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15				

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5788 Widewaters Parkway, Dewitt, New York 13214

TEST PIT LOG

Contractor: Parratt Wolff	PROJECT NUMBER: 0013172	Pit No.: TP14
Operator: Brad	PROJECT NAME: Axiohm Facility	Location: 950 Danby Rd.
Equipment: Excavator	Geologist: NR & CW	Ithaca, NY

DATE/TIME	
Date:	28 Jan. 04
Time Start:	11:35
Time Finish:	11:43
Note:	

WEATHER OBSERVATIONS	
Temperature:	20 Degrees F
Precipitation:	—
Wind:	slight breeze
Ground Conditions:	Snow 0.5-1 ft deep

GROUND WATER OBSERVATIONS	
Date	
Time	
Water Level	
Note	

DEPTH (ft below grade)	SAMPLE	FID / PID (ppm)	FIELD IDENTIFICATION	COMMENTS
0				Located near drum area, across creek
1	TP-14		Dark brown silty sand, trace gravel.	from facility.
2			Moderate brown silty sand with trace gravel and	
3			shale fragments. Shale bedrock hit at 2.5 ft.	Sample TP14 collected at 11:43
4				
5				
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15				

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5788 Widewaters Parkway, Dewitt, New York 13214

TEST PIT LOG

Contractor: Parratt Wolff	PROJECT NUMBER: 0013172	Pit No.: TP15
Operator: Brad	PROJECT NAME: Axiohm Facility	Location: 950 Danby Rd.
Equipment: Excavator	Geologist: NR & CW	Ithaca, NY

DATE/TIME	
Date:	28 Jan. 04
Time Start:	11:44
Time Finish:	11:55
Note:	

WEATHER OBSERVATIONS	
Temperature:	20 Degrees F
Precipitation:	----
Wind:	slight breeze
Ground Conditions:	Snow 0.5-1 ft deep

GROUND WATER OBSERVATIONS	
Date	
Time	
Water Level	
Note	

DEPTH (ft below grade)	SAMPLE	FID / PID (ppm)	FIELD IDENTIFICATION	COMMENTS
0				Located near drum area, across creek
1	TP-15		Dark brown silty sand, trace gravel.	from facility.
2			Moderate brown silty sand with trace gravel and	
3			shale fragments. Shale bedrock hit at 2.5 ft.	Sample TP15 collected at 11:48
4				
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6				
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14				
15				

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5788 Widewaters Parkway, Dewitt, New York 13214

TEST PIT LOG

Contractor: Parratt Wolff	PROJECT NUMBER: 0013172	Pit No.: TP16
Operator: Brad	PROJECT NAME: Axiohm Facility	Location: 950 Danby Rd.
Equipment: Excavator	Geologist: NR & CW	Ithaca, NY

DATE/TIME	
Date:	28 Jan. 04
Time Start:	12:15
Time Finish:	12:25
Note:	

WEATHER OBSERVATIONS	
Temperature:	20 Degrees F
Precipitation:	----
Wind:	slight breeze
Ground Conditions:	Snow 0.5-1 ft deep

GROUND WATER OBSERVATIONS	
Date	
Time	
Water Level	
Note	

DEPTH (ft below grade)	SAMPLE	FID / PID (ppm)	FIELD IDENTIFICATION	COMMENTS
0				Located near drum area, across creek
1			Dark brown silty sand, trace gravel.	from facility.
2	TP-16		Moderate brown silty sand with trace gravel and	
3			shale fragments. Shale bedrock hit at 2.5 ft.	Sample TP16 collected at 12:16 at
4				depth of 1.5 ft.
5				
6				
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13				
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5788 Widewaters Parkway, Dewitt, New York 13214

TEST PIT LOG

Contractor: Parratt Wolff	PROJECT NUMBER: 0013172	Pit No.: TP17
Operator: Brad	PROJECT NAME: Axiohm Facility	Location: 950 Danby Rd.
Equipment: Excavator	Geologist: NR & CW	Ithaca, NY

DATE/TIME	
Date:	28 Jan. 04
Time Start:	12:30
Time Finish:	12:45
Note:	

WEATHER OBSERVATIONS	
Temperature:	20 Degrees F
Precipitation:	----
Wind:	slight breeze
Ground Conditions:	Snow 0.5-1 ft deep

GROUND WATER OBSERVATIONS	
Date	
Time	
Water Level	
Note	

DEPTH (ft below grade)	SAMPLE	FID / PID (ppm)	FIELD IDENTIFICATION	COMMENTS
0			Fill material at and just below surface.	Located near drum area, across creek from facility.
1				
2	TP-17		Moderate brown silty sand with trace gravel and	
3			shale fragments. Shale bedrock hit at 3 ft.	CW collects sample TP17 at 12:44, depth 1.5 ft.
4				
5				
6				Dimensions 2ft * 3ft * 10ft
7				
8				Fill material consists of cinder blocks,
9				half rusted 5 gallon pail, roofing material,
10				and metal strapping 4-5 ft in length.
11				
12				CW tales photo of strapping metal.
13				
14				
15				

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5788 Widewaters Parkway, Dewitt, New York 13214

TEST PIT LOG

Contractor: Parratt Wolff	PROJECT NUMBER: 0013172	Pit No.: TP18
Operator: Brad	PROJECT NAME: Axiohm Facility	Location: 950 Danby Rd.
Equipment: Excavator	Geologist: NR & CW	Ithaca, NY

DATE/TIME	
Date:	28 Jan. 04
Time Start:	13:05
Time Finish:	13:10
Note:	

WEATHER OBSERVATIONS	
Temperature:	20 Degrees F
Precipitation:	----
Wind: slight	slight breeze
Ground Conditions:	Snow 0.5-1 ft deep

GROUND WATER OBSERVATIONS	
Date	
Time	
Water Level	
Note	

DEPTH (ft below grade)	SAMPLE	FID / PID (ppm)	FIELD IDENTIFICATION	COMMENTS
0				Located near drum area, across creek
1			Dark brown silty sand with trace gravel.	from facility.
2	TP18		Moderate brown silty sand with trace gravel.	
3			Shale bedrock hit at 3ft.	Dimensions 2ft * 3ft * 8ft
4				
5				CW collects sample TP-18 at 12:58PM
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				

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5788 Widewaters Parkway, Dewitt, New York 13214

TEST PIT LOG

Contractor: Parratt Wolff	PROJECT NUMBER: 0013172	Pit No.: TP19
Operator: Brad	PROJECT NAME: Axiohm Facility	Location: 950 Danby Rd.
Equipment: Excavator	Geologist: NR & CW	Ithaca, NY

DATE/TIME	
Date:	28 Jan. 04
Time Start:	13:05
Time Finish:	13:10
Note:	

WEATHER OBSERVATIONS	
Temperature:	20 Degrees F
Precipitation:	----
Wind: slight	slight breeze
Ground Conditions:	Snow 0.5-1 ft deep

GROUND WATER OBSERVATIONS	
Date	
Time	
Water Level	
Note	

DEPTH (ft below grade)	SAMPLE	FID / PID (ppm)	FIELD IDENTIFICATION	COMMENTS
0				Located near drum area, across creek
1			Moderate brown silty sand with trace gravel.	from facility.
2			Shale bedrock hit at 2 ft.	
3				Dimensions 2ft * 2ft * 8ft
4				
5				
6				
7				
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14				
15				

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5788 Widewaters Parkway, Dewitt, New York 13214

TEST PIT LOG

Contractor: Parratt Wolff	PROJECT NUMBER: 0013172	Pit No.: TP20
Operator: Brad	PROJECT NAME: Axiohm Facility	Location: 950 Danby Rd.
Equipment: Excavator	Geologist: NR & CW	Ithaca, NY

DATE/TIME	
Date:	28 Jan. 04
Time Start:	13:11
Time Finish:	13:20
Note:	

WEATHER OBSERVATIONS	
Temperature:	20 Degrees F
Precipitation:	———
Wind: slight	slight breeze
Ground Conditions:	Snow 0.5-1 ft deep

GROUND WATER OBSERVATIONS	
Date	
Time	
Water Level	
Note	

DEPTH (ft below grade)	SAMPLE	FID / PID (ppm)	FIELD IDENTIFICATION	COMMENTS
0			Fill material at surface into subsurface, see comments column for detail.	Located near drum area, on slope near the creek, on the oposite side from the facility.
1				
2	TP-20		Moderate brown silty sand with trace gravel, mixed with fill. Shale bedrock hit at 2 ft.	CW collects sample TP20 at 13:25.
3				
4				
5				Fill material consists of ceramic tile pieces, scrap metal, metal strapping, metal lids, cinder blocks, chicken wire, bricks, metal rebar, 5 gallon rusted pails, a muffler, paint cans, milk bottles, rubber gloves and mostly rusted 55 gallon drums.
6				
7				
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ERM

5788 Widewaters Parkway, Dewitt, New York 13214

TEST PIT LOG

Contractor: Parratt Wolff	PROJECT NUMBER: 0013172	Pit No.: TP21
Operator: Brad	PROJECT NAME: Axiohm Facility	Location: 950 Danby Rd.
Equipment: Excavator	Geologist: NR & CW	Ithaca, NY

DATE/TIME	
Date:	28 Jan. 04
Time Start:	14:05
Time Finish:	14:20
Note:	

WEATHER OBSERVATIONS	
Temperature:	20 Degrees F
Precipitation:	-----
Wind: slight	slight breeze
Ground Conditions:	Snow 0.5-1 ft deep

GROUND WATER OBSERVATIONS	
Date	
Time	
Water Level	
Note	

DEPTH (ft below grade)	SAMPLE	FID / PID (ppm)	FIELD IDENTIFICATION	COMMENTS
0				Located near drum area, on slope near the creek, on the opposite side from the facility.
1			Cover silty sand and mixed gravel.	
2	TP-21		Fill material mixed with silty sand and gravel, see comments column for detail.	Test pit dug from bottom of slope into irregular mounded knob.
3				
4			Shale bedrock sloping in steps.	
5				
6				CW collects sample TP21 at 14:05.
7				
8				Fill material consists of ceramic tile pieces, scrap metal, metal strapping, metal lids, cinder blocks, chicken wire, bricks, and general construction materials.
9				
10				
11				
12				
13				Dimensions 2ft *6ft * 12 ft
14				
15				

ERM

5788 Widewaters Parkway, Dewitt, New York 13214

TEST PIT LOG

Contractor: Parratt Wolff	PROJECT NUMBER: 0013172	Pit No.: TP22
Operator: Brad	PROJECT NAME: Axiohm Facility	Location: 950 Danby Rd.
Equipment: Excavator	Geologist: NR & CW	Ithaca, NY

DATE/TIME	
Date:	28 Jan. 04
Time Start:	14:05
Time Finish:	14:20
Note:	

WEATHER OBSERVATIONS	
Temperature:	20 Degrees F
Precipitation:	-----
Wind: slight	slight breeze
Ground Conditions:	Snow 0.5-1 ft deep

GROUND WATER OBSERVATIONS	
Date	
Time	
Water Level	
Note	

DEPTH (ft below grade)	SAMPLE	FID / PID (ppm)	FIELD IDENTIFICATION	COMMENTS
0				Located just north of TP-4.
1			Fill material mixed with silty sand and gravel,	
2	TP-22		see comments column for detail.	Test pit dug into slope by excavator, from
3			Shale bedrock sloping in steps.	the bottom of slope.
4				
5				CW collects sample TP22 at 14:35.
6				
7				Fill material consists of cinder blocks,
8				scrap metal (roofing), metal strapping,
9				brick and unknown black material.
10				
11				Maxium distance from slope to stepped
12				shale bedrock was 12 feet.
13				
14				
15				

ERM

5788 Widewaters Parkway, Dewitt, New York 13214

TEST PIT LOG

Contractor: Parratt Wolff	PROJECT NUMBER: 0013172	Pit No.: TP-23
Operator: Brad	PROJECT NAME: Axiohm Facility	Location: 950 Danby Rd.
Equipment: Excavator	Geologist: NR & CW	Ithaca, NY

DATE/TIME		WEATHER OBSERVATIONS		GROUND WATER OBSERVATIONS	
Date:	28 Jan. 04	Temperature:	20 Degrees F	Date	
Time Start:	14:52	Precipitation:	----	Time	
Time Finish:	15:25	Wind: slight	slight breeze	Water Level	
Note:		Ground Conditions:	Snow 0.5-1 ft deep	Note	

DEPTH (ft below grade)	SAMPLE	FID / PID (ppm)	FIELD IDENTIFICATION	COMMENTS
0				Located in proximity to TP-2.
1	TP-23A		Moderate brown silty sand mixed with fill material,	Test pit dug into slope by excavator, from
2			see comments column for detail.	the bottom of slope.
3	TP-23B		Shale bedrock sloping in steps, depth 1-3.5 feet.	
4				CW collects samples TP-23 from the top of
5				the test pit at 15:02. NR takes sample
6				from lower end of TP-23.
7				Fill material consists of cinder blocks,
8				scrap metal (roofing), metal strapping,
9				brick, pipes and metal concrete mesh,
10				
11				Dimensions 45 feet long and
12				depth ranges 1-3.5 feet deep
13				
14				Several photos taken of TP-23
15				

Environmental Products & Services, Inc.	**Subsurface Log**	Hole No.: MW-1 (TF-2)	Date started: 4/21/03
		Sheet 1 of 1	Date Finished: 4/21/03

Client: Axiohm	Method of investigation: Mobil B-59 Drill Rig using 4.25" HSA with 2" Split Spoon Sampler		
Site:			
Location: Ithaca, NY			
Project No.: Z0126	Drilling Co.: SDS	Driller: Jeff Grant	Weather: Cloudy
P. Manager: Dale Braue	Geologist: M. Swidowski	D. Helper: Mike Niver	50 deg. F
		Drill Rig: Mobile B-59	

Depth (ft.)	Split Spoon Sample No.	Depth (ft.)	Blows per 6"	"N"	Recovery (ft.)	Sample Description	Field Analytical Readings	Well Details	Groundwater and Other Observations
	1	0.5-2	17-50/.2		0.8	0 - 0.5': Asphalt, base rock and gravel.	0.0 ppm		
	2	2-4	19-13-11-5		0	0.5' - 1.3': SAND, fine to coarse grained; little fine gravel; brown; moist.	0.0 ppm		3.5' of 2" dia. PVC riser
	3	4-6	8-6-7-4		0.5	2.0' - 4.0': No recovery.	0.0 ppm		
5						4.0' - 4.5': SAND, fine to coarse grained; some fine gravel; trace of medium stiff clay; brown; moist.			
	4	6-8	10-9-9-7		0.8	6.0' - 6.8': Same as above.	0.0 ppm		
	5	8-10	5-6-5-10		0.8	8.0' - 8.8': Same as above.	0.0 ppm		
10	6	10-12	7-6-5-4		0.7	10.0' - 10.8': SAND, fine to coarse grained; little fine gravel; brown; dry.	0.0 ppm		Groundwater at approx. 12.5' (2/20/03)
	7	12-14	7-9-50/.2		0.5	12.0' - 12.5': Fine GRAVEL; some fine to coarse sand; brown; slightly moist to wet at end of sample. (Sample collected from TF-2 for laboratory analysis on 2/20/03 .)	0.0 ppm		
15									
						Bottom of Well Approx. 13.5'.			10' of 2" 10 slot, PVC well screen
20									
25									
30									
35									

Sample Types:
S = Split Spoon: X T= Shelby Tube:
R = Rock Core: O =
N = ASTM D1586

Backfill Well Key
Cement
Native Fill
Sand
Bentonite

Environmental
Products & Services, Inc.

Subsurface Log

Hole No.: MW-2 (HTP-1)
Sheet 1 of 1

Date started: 4/21/03
Date Finished: 4/21/03

Client: Axiohm
Site:
Location: Ithaca, NY

Method of investigation: Mobil B-59 Drill Rig using 4.25" HSA with 2" Split Spoon Sampler

Project No.: Z0126
P. Manager: Dale Braue

Drilling Co.: SDS
Geologist: M. Swidowski

Driller: Jeff Grant
D. Helper: Mike Niver
Drill Rig: Mobile B-59

Weather: Sunny 35 deg. F

Depth (ft.)	Split Spoon Sample No.	Depth (ft.)	Blows per 6"	"N"	Recovery (ft.)	Sample Description	Field Analytical Readings	Well Details	Groundwater and Other Observations
	1	0.5-2	39-50/.1		0.5	0 - 0.5': Asphalt, base rock and gravel.	0.0 ppm		
	2	2-4	18-14-10-9		0	0.5' - 1.0': SAND, fine to coarse grained; some fine gravel; brown; dry.	0.0 ppm		3.5' of 2" dia. PVC riser
						2.0' - 4.0': No recovery.			
	3	4-6	9-9-8-9		0.8	4.0' - 4.8': Fine GRAVEL; some fine to coarse grained sand; trace silt; brown; dry.	0.0 ppm		
5									
	4	6-8	7-8-6-5		0.8	6.0' - 6.8': SAND, fine to coarse grained; little fine gravel; trace silt; brown; dry.	0.0 ppm		
	5	8-10	10-21-41-46		0.8	8.0' - 8.8': Fine GRAVEL; some fine to coarse grained sand; trace silt; brown; dry.	0.0 ppm		Groundwater at approx. 10.5' (2/20/03)
10	6	10-12	95-50/.1		0.5	10.0' - 10.5': SAND, fine to coarse grained; little fine gravel; trace silt; brown; wet. (Sample collected for laboratory analysis on 2/20/03.)	2.5 ppm		
15									
20									
25									
30									
35									

Bottom of Well Approx. 13.5'.

10' of 2" dia., 10 slot, PVC well screen

Sample Types:
S = Split Spoon: X T= Shelby Tube:
R = Rock Core: O =
N = ASTM D1586

Backfill Well Key
Cement
Native Fill
Sand
Bentonite

Environmental
Products & Services, Inc.

Subsurface Log

Hole No.: MW-3 | Sheet: 1 of 1 | Date started: 4/21/03 | Date Finished: 4/21/03

Client: Axiohm
Site:
Location: Ithaca, NY

Method of investigation: Mobil B-59 Drill Rig using 4.25" HSA with 2" Split Spoon Sampler

Project No.: Z0126 | Drilling Co.: SDS | Driller: Jeff Grant | D. Helper: Mike Niver | Drill Rig: Mobile B-59 | Weather: Sunny 35 deg. F

P. Manager: Dale Braue | Geologist: M. Swidowski

Depth (ft.)	Split Spoon Sample No.	Depth (ft.)	Blows per 6"	"N"	Recovery (ft.)	Sample Description	Field Analytical Readings	Well Details	Groundwater and Other Observations
	1	0-2	3-6-6		0.5	0 - 0.5': Asphalt, base rock and gravel.	0.0 ppm		
	2	2-4	6-8-10-21		1.0	0.5' - 1.0': Fine GRAVEL; some fine to medium sand; brown; moist.	0.0 ppm		
	3	4-6	17-15-8-9		1.0	2.0' - 3.0': CLAY, stiff; little fine to medium sand, trace fine gravel; brown, moist.	0.0 ppm		
5									
	4	6-8	17-24-27-36		1.0	4.0' - 5.0': Fine GRAVEL; some fine to coarse grained sand; trace medium stiff clay; brown; moist.	0.0 ppm		
	5	8-10	40-16-6-4		1.2	6.0' - 7.0': Same as above.	0.0 ppm		11' of 2" dia. PVC riser
						8.0' - 9.2': Same as above.			
10	6	10-12	16-8-15-32		1.0	10.0' - 11.0': CLAY, soft; some fine to medium sand; little fine gravel; brown; moist.	0.0 ppm		
	7	12-14	8-6-6-7		1.3	12.0' - 13.3': SILT; trace fine sand; trace soft clay; light brown; moist.	0.0 ppm		
	8	14-16	5-9-13-15		1.0	14-0' - 15.0': SILT; trace fine sand; light brown; moist.	0.0 ppm		
15									Groundwater at approx 18.0'
	9	16-18	11-13-17-50/.3		1.5	16-0' - 17.5': SILT; trace fine to medium sand; light brown; moist.	0.0 ppm		
	10	18-20	23-50/.4		1.0	18-0' - 19.0': SILT; some fine sand; trace fine gravel; light brown; moist to wet.	0.0 ppm		
20	11	20-22	50/.3		0.3	20.0' - 20.3': SILT; some fine to medium sand; trace fine gravel; light brown; wet.	0.0 ppm		
						Refusal at 21.0'.			
						Bottom of Well Approx. 21.0'.			10' of 2" dia., 10 slot, PVC well screen
25									
30									
35									

Sample Types:
S = Split Spoon: X T= Shelby Tube:
R = Rock Core: O =
N = ASTM D1586

Backfill Well Key
Cement | Native Fill | Sand | Bentonite

Environmental
Products & Services, Inc.

Subsurface Log

Hole No.: MW-4
Sheet 1 of 1

Date started: 4/21/03
Date Finished: 4/21/03

Client: Axiohm
Site:
Location: Ithaca, NY

Method of investigation: Mobil B-59 Drill Rig using 4.25" HSA with 2" Split Spoon Sampler

Project No.: Z0126
P. Manager: Dale Braue

Drilling Co.: SDS
Geologist: M. Swidowski

Driller: Jeff Grant
D. Helper: Mike Niver
Drill Rig: Mobile B-59

Weather: Sunny 35 deg. F

Depth (ft.)	Split Spoon Sample No.	Depth (ft.)	Blows per 6"	"N"	Recovery (ft.)	Sample Description	Field Analytical Readings	Well Details	Groundwater and Other Observations
	1	0-2	3-4-4		0.5	0 - 0.5': Asphalt, base rock and gravel.	0.0 ppm		
	2	2-4	5-7-8-11		0.5	0.5' - 1.0': CLAY, medium stiff; some fine gravel; trace fine sand; silt; brown; moist.	0.0 ppm		
	3	4-6	3-4-6-4		0.9	2.0' - 2.5': Fine GRAVEL; little fine sand; trace silt; brown; dry.	0.1 ppm		
5									
	4	6-8	5-16-6-4		0.7	4.0' - 4.9': Fine GRAVEL; little fine to medium sand; trace silt; brown; dry.	0.4 ppm		7' of 2" dia. PVC riser
	5	8-10	3-2-5-5		0.6	6.0' - 6.7': Same as above.	0.8 ppm		
						8.0' - 8.6': Medium stiff CLAY; some fine gravel; some fine to medium sand; trace silt; brown; moist.			
10	6	10-12	3-4-5-9		0.5	10.0' - 10.5': SAND, fine to medium; little fine gravel; trace silt; trace medium stiff clay; brown; moist.	0.6 ppm		Groundwater at approx. 13.0'
	7	12-14	4-5-50/.4		1.0	12.0' - 13.0': Medium stiff to soft CLAY; trace fine to medium sand; trace silt; brown; wet. (difficult augering at approx. 13.8'; continued to auger to very wet condition)	0.9 ppm		
15									
						Bottom of Well Approx. 17.0'.			10' of 2" dia., 10 slot, PVC well screen
20									
25									
30									
35									

Sample Types:
S = Split Spoon: X T= Shelby Tube:
R = Rock Core: O =
N = ASTM D1586

Backfill Well Key
Cement
Native Fill
Sand
Bentonite

ERM

WELL: MW-5

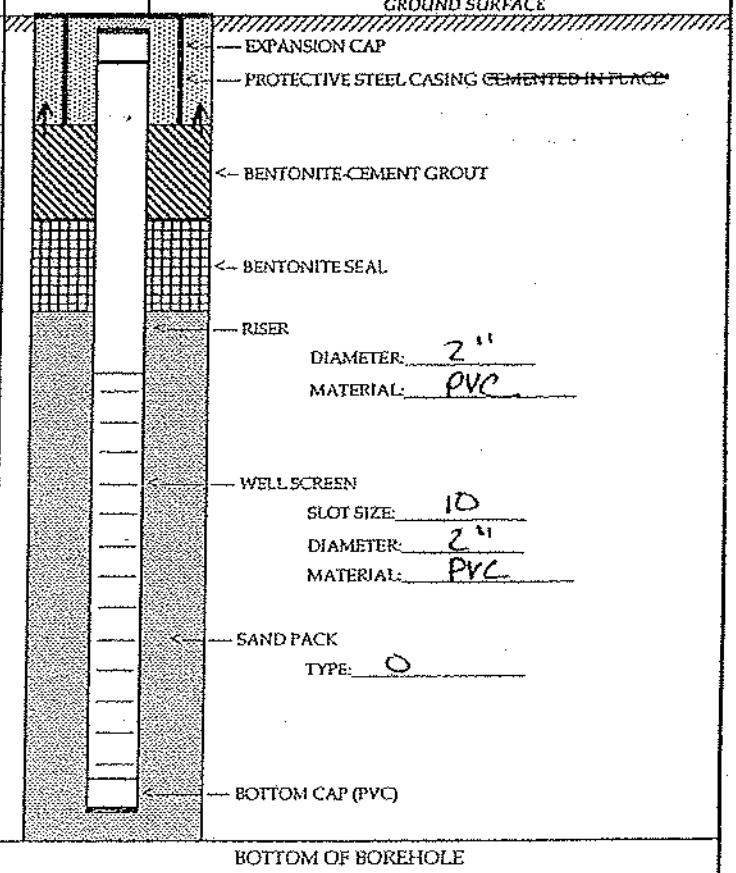
5788 Widewaters Parkway, Dewitt, NY 13214 (315) 445-2554

MONITORING WELL CONSTRUCTION

Project Name & Location	Project No.	Water Level(s) (ft below top of PVC casing)			Site Elevation Datum
Axiohm - Ithaca, NY	0013172				
Drilling Company	Foreman	Date	Time	Level (feet)	Ground Elevation
Parrat Wolff	Lane				
Surveyor					Top of Protective Steel Cap Elevation
Date and Time of Completion	Geologist				Top of Riser Pipe Elevation
7 January 2004	CW NR				

Generalized Soil Description	*Elevation	**Depth
	0.0	0.0
Boring Log Reference MW-5	0.0	0.0
	0.0	0.0
	0.0	1
	0.0	1.5
	0.0	2
rock	0.0	7
	0.0	7

CONSTRUCTION DETAILS



REMARKS

* Elevation (feet) above mean sea level unless noted ** Depth in feet below grade

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Environmental
Products & Services, Inc.

Subsurface Log

Hole No.: MW-4
Sheet 1 of 1

Date started: 4/21/03
Date Finished: 4/21/03

Client: Axiohm
Site:
Location: Ithaca, NY

Method of investigation: Mobil B-59 Drill Rig using 4.25" HSA with 2" Split Spoon Sampler

Project No.: Z0126
P. Manager: Dale Braue

Drilling Co.: SDS
Geologist: M. Swidowski

Driller: Jeff Grant
D. Helper: Mike Niver
Drill Rig: Mobile B-59

Weather: Sunny 35 deg. F

Depth (ft.)	Split Spoon Sample No.	Depth (ft.)	Blows per 6"	"N"	Recovery (ft.)	Sample Description	Field Analytical Readings	Well Details	Groundwater and Other Observations
	1	0-2	3-4-4		0.5	0 - 0.5': Asphalt, base rock and gravel.	0.0 ppm		
	2	2-4	5-7-8-11		0.5	0.5' - 1.0': CLAY, medium stiff; some fine gravel; trace fine sand; silt; brown; moist.	0.0 ppm		
5	3	4-6	3-4-6-4		0.9	2.0' - 2.5': Fine GRAVEL; little fine sand; trace silt; brown; dry.	0.1 ppm		
	4	6-8	5-16-6-4		0.7	4.0' - 4.9': Fine GRAVEL; little fine to medium sand; trace silt; brown; dry.	0.4 ppm		7' of 2" dia. PVC riser
	5	8-10	3-2-5-5		0.6	6.0' - 6.7': Same as above.	0.8 ppm		
10	6	10-12	3-4-5-9		0.5	8.0' - 8.6': Medium stiff CLAY; some fine gravel; some fine to medium sand; trace silt; brown; moist.	0.6 ppm		Groundwater at approx. 13.0'
	7	12-14	4-5-50/.4		1.0	10.0' - 10.5': SAND, fine to medium; little fine gravel; trace silt; trace medium stiff clay; brown; moist.	0.9 ppm		
15						12.0' - 13.0': Medium stiff to soft CLAY; trace fine to medium sand; trace silt; brown; wet. (difficult augering at approx. 13.8'; continued to auger to very wet condition)			10' of 2" dia., 10 slot, PVC well screen
20						Bottom of Well Approx. 17.0'.			
25									
30									
35									

Sample Types:
S = Split Spoon: X T= Shelby Tube:
R = Rock Core: O =
N = ASTM D1586

Backfill Well Key
Cement
Native Fill
Sand
Bentonite

ERM

WELL: MW-5

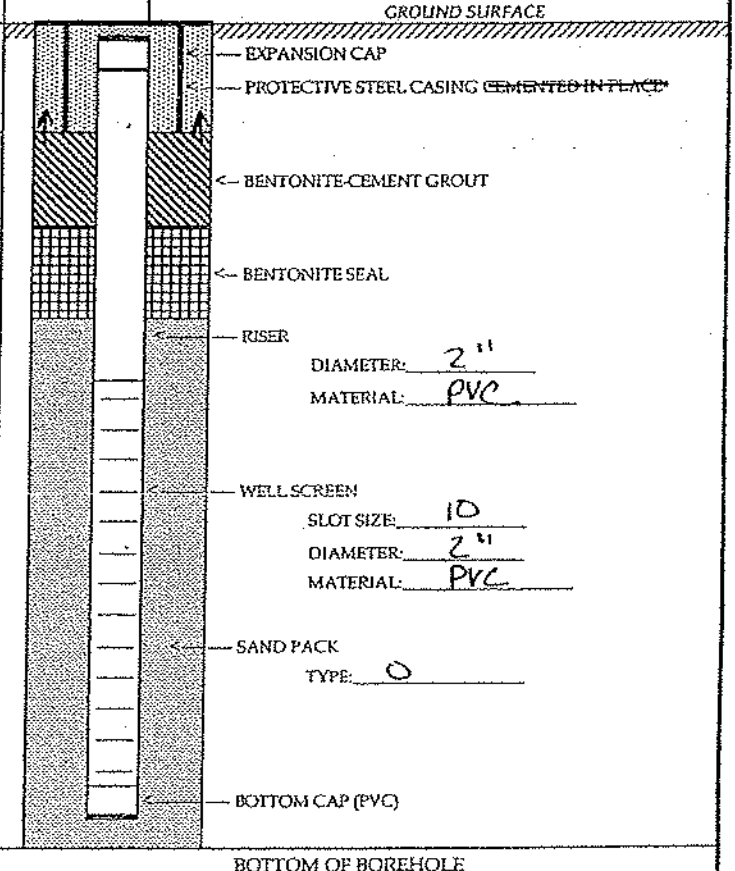
5788 Widewaters Parkway, Dewitt, NY 13214 (315) 445-2554

MONITORING WELL CONSTRUCTION

Project Name & Location	Project No.	Water Level(s) (ft below top of PVC casing)			Site Elevation Datum
Axiohm - Ithaca, NY	0013172				
Drilling Company	Foreman	Date	Time	Level (feet)	Ground Elevation
Parrat Wolff	Lane				
Surveyor					Top of Protective Steel Cap Elevation
Date and Time of Completion	Geologist				Top of Riser Pipe Elevation
7 January 2004	CW NR				

Generalized Soil Description	*Elevation	**Depth
	0.0	0.0
Boring Log Reference MW-5	0.0	0.0
	0.0	0.0
	0.0	
	0.0	1
	0.0	1.5
	0.0	2
rock	0.0	7
	0.0	7

CONSTRUCTION DETAILS



REMARKS

* Elevation (feet) above mean sea level unless noted ** Depth in feet below grade

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5788 Widewaters Parkway, Dewitt, NY 13214 (315) 445-2554

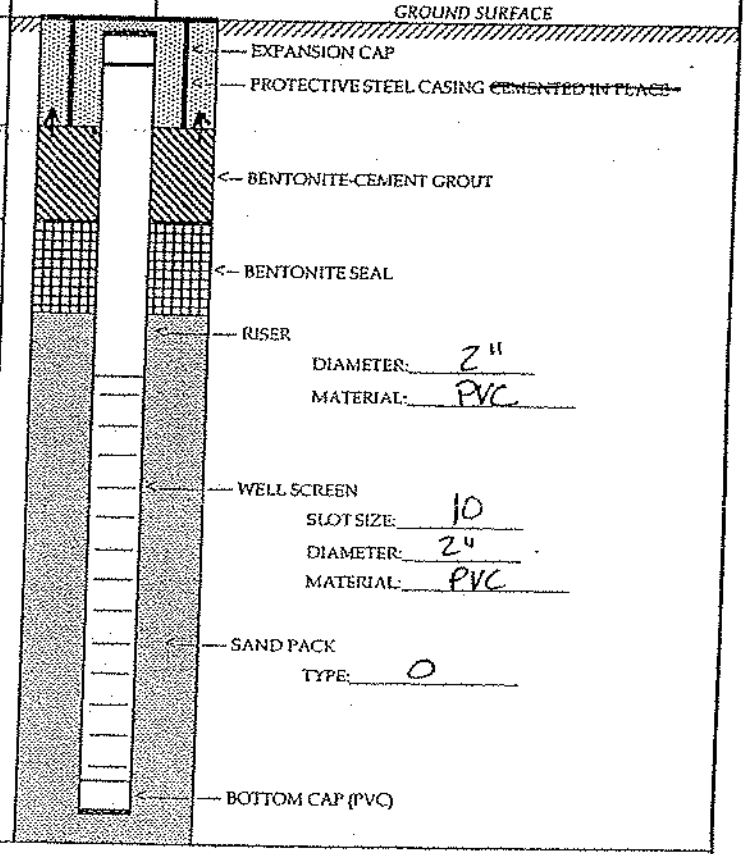
WELL : MW-6

MONITORING WELL CONSTRUCTION

Project Name & Location	Project No.	Water Level(s) (ft below top of PVC casing)			Site Elevation Datum
Axiohm - Ithaca, NY	0013172				
Drilling Company	Foreman	Date	Time	Level (feet)	Ground Elevation
Parrat Wolff	Lane				
Surveyor					Top of Protective Steel Cap Elevation
Date and Time of Completion	Geologist				Top of Riser Pipe Elevation
7 January 2004	CW NR				

Generalized Soil Description	*Elevation	**Depth
	0.0	0.0
Boring Log Reference B-4	0.0	0.0
	0.0	0.0
	0.0	2
	0.0	3.5
	0.0	5
rock	0.0	13.8
	0.0	13.8

CONSTRUCTION DETAILS



REMARKS

* Elevation (feet) above mean sea level unless noted ** Depth in feet below grade

ERM

WELL: MW-7

5788 Widewaters Parkway, Dewitt, NY 13214 (315) 445-2554

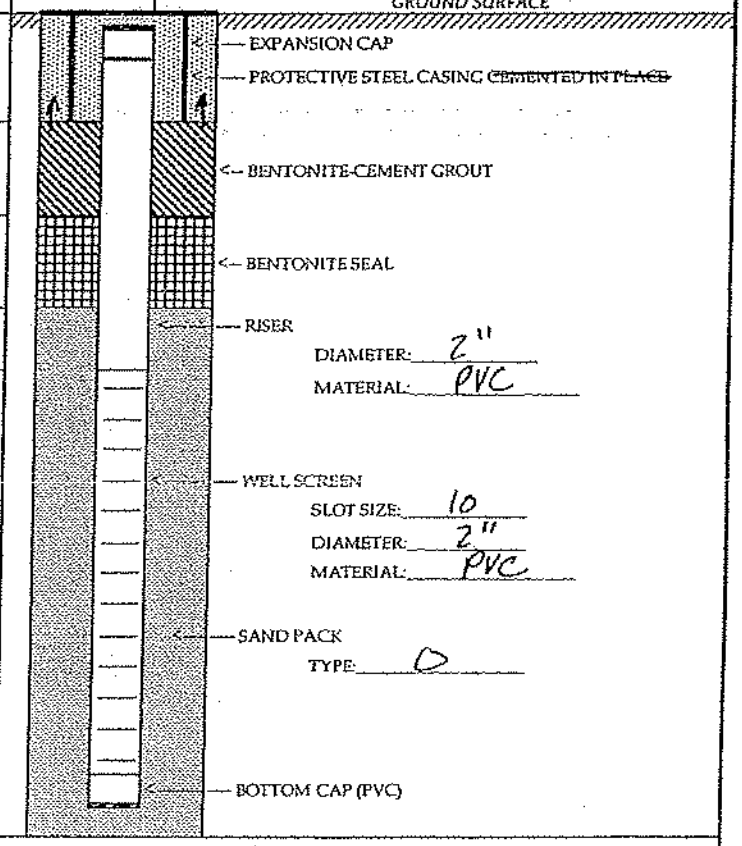
MONITORING WELL CONSTRUCTION

Project Name & Location	Project No.	Water Level(s) (ft below top of PVC casing)			Site Elevation Datum
Axiohm - Ithaca, NY	0013172				
Drilling Company	Foreman	Date	Time	Level (feet)	Ground Elevation
Parrat Wolff	Lane				
Surveyor					Top of Protective Steel Cap Elevation
Date and Time of Completion	Geologist				Top of Riser Pipe Elevation
7 January 2004	CW NR				

Boring Log Reference: B-2

Generalized Soil Description	*Elevation	**Depth
	0.0	0.0
	0.0	0.0
	0.0	0.0
	0.0	2
	0.0	4
	0.0	5.8
rock	0.0	13.8
	0.0	13.8

CONSTRUCTION DETAILS



REMARKS

* Elevation (feet) above mean sea level unless noted ** Depth in feet below grade

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ERM

5788 Widewaters Parkway, Dewitt, NY 13214 (315) 445-2554

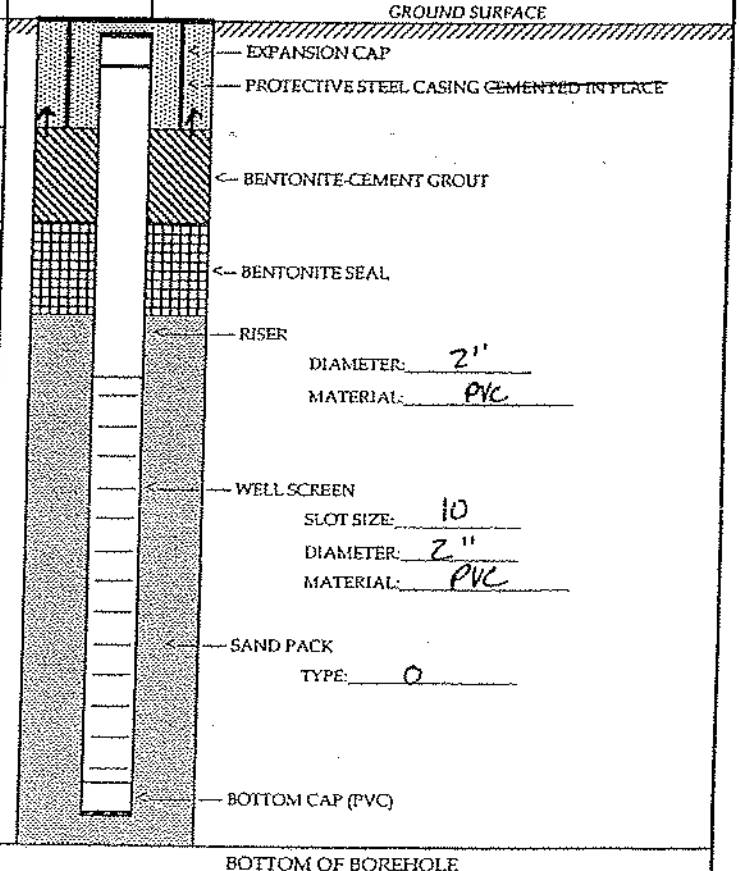
WELL : MW-8

MONITORING WELL CONSTRUCTION

Project Name & Location	Project No.	Water Level(s) (ft below top of PVC casing)			Site Elevation Datum
Axiohm - Ithaca, NY	0013172				
Drilling Company	Foreman	Date	Time	Level (feet)	Ground Elevation
Parrat Wolff	Lane				
Surveyor					Top of Protective Steel Cap Elevation
Date and Time of Completion	Geologist				Top of Riser Pipe Elevation
7 January 2004	CW NR				

Generalized Soil Description	*Elevation	**Depth
	0.0	0.0
Boring Log Reference	0.0	0.0
B-9	0.0	0.0
	0.0	2
	0.0	3.5
	0.0	5
rock	0.0	13.8
	0.0	13.8

CONSTRUCTION DETAILS



BOTTOM OF BOREHOLE

REMARKS

* Elevation (feet) above mean sea level unless noted ** Depth in feet below grade

ERM

WELL: MW-9

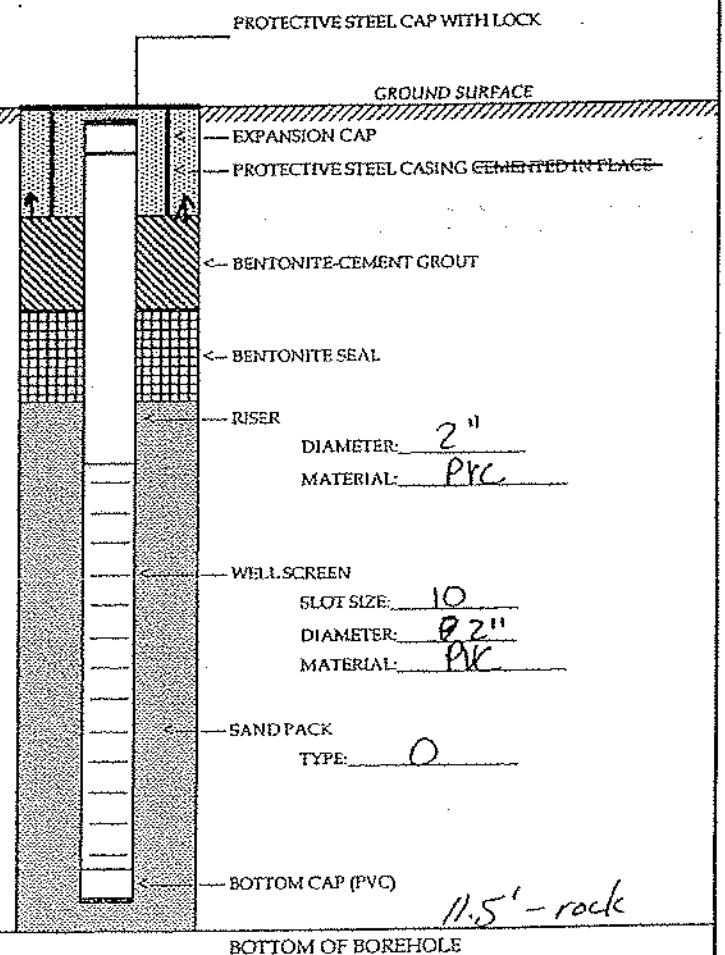
5788 Widewaters Parkway, Dewitt, NY 13214 (315) 445-2554

MONITORING WELL CONSTRUCTION

Project Name & Location	Project No.	Water Level(s) (ft below top of PVC casing)			Site Elevation Datum
Axiohm - Ithaca, NY	0013172				
Drilling Company	Foreman	Date	Time	Level (feet)	Ground Elevation
Parrat Wolff	Lane				
Surveyor					Top of Protective Steel Cap Elevation
Date and Time of Completion	Geologist				Top of Riser Pipe Elevation
8 January 2004	CW NR				

Generalized Soil Description	*Elevation	**Depth
Boring Log Reference B-8	0.0	0.0
	0.0	0.0
	0.0	0.0
	0.0	1.5
	0.0	3.5
	0.0	5
	0.0	11
	0.0	11

CONSTRUCTION DETAILS



REMARKS

* Elevation (feet) above mean sea level unless noted

** Depth in feet below grade

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ERM

WELL : MW-10

5788 Widewaters Parkway, Dewitt, NY 13214 (315) 445-2554

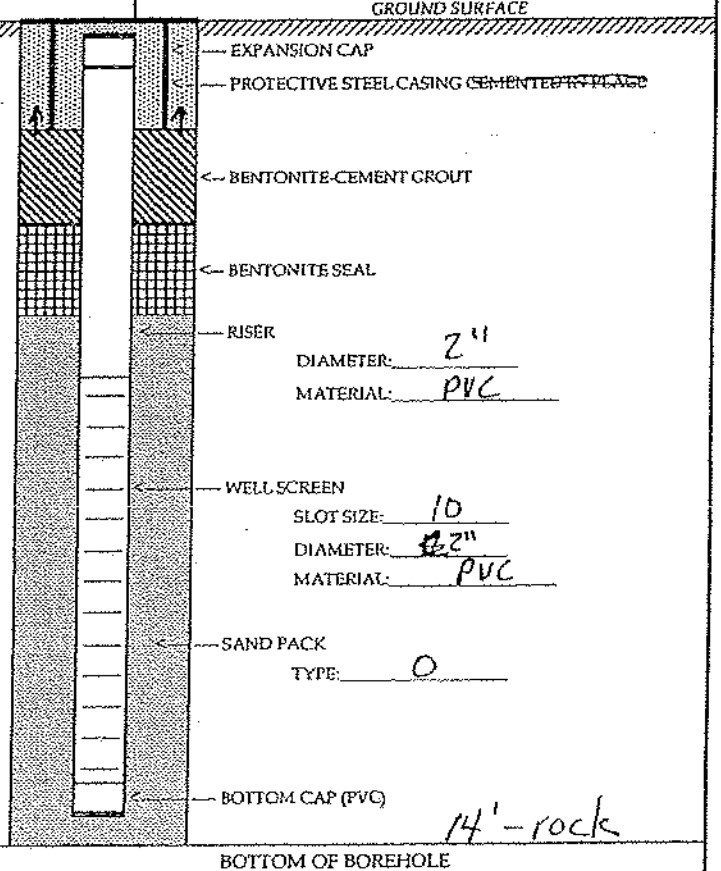
MONITORING WELL CONSTRUCTION

Project Name & Location	Project No.	Water Level(s) (ft below top of PVC casing)			Site Elevation Datum
Axiohm - Ithaca, NY	0013172				
Drilling Company	Foreman	Date	Time	Level (feet)	Ground Elevation
Parrat Wolff	Lane				
Surveyor					Top of Protective Steel Cap Elevation
Date and Time of Completion	Geologist				Top of Riser Pipe Elevation
8 January 2004	CW NR				

Boring Log Reference: B-16

Generalized Soil Description	*Elevation	**Depth
	0.0	0.0
	0.0	0.0
	0.0	0.0
	0.0	
	0.0	1.5
	0.0	3.5
	0.0	5.7
	0.0	15.7
	0.0	15.7

CONSTRUCTION DETAILS



REMARKS

* Elevation (feet) above mean sea level unless noted ** Depth in feet below grade

ERM

WELL : MW-11

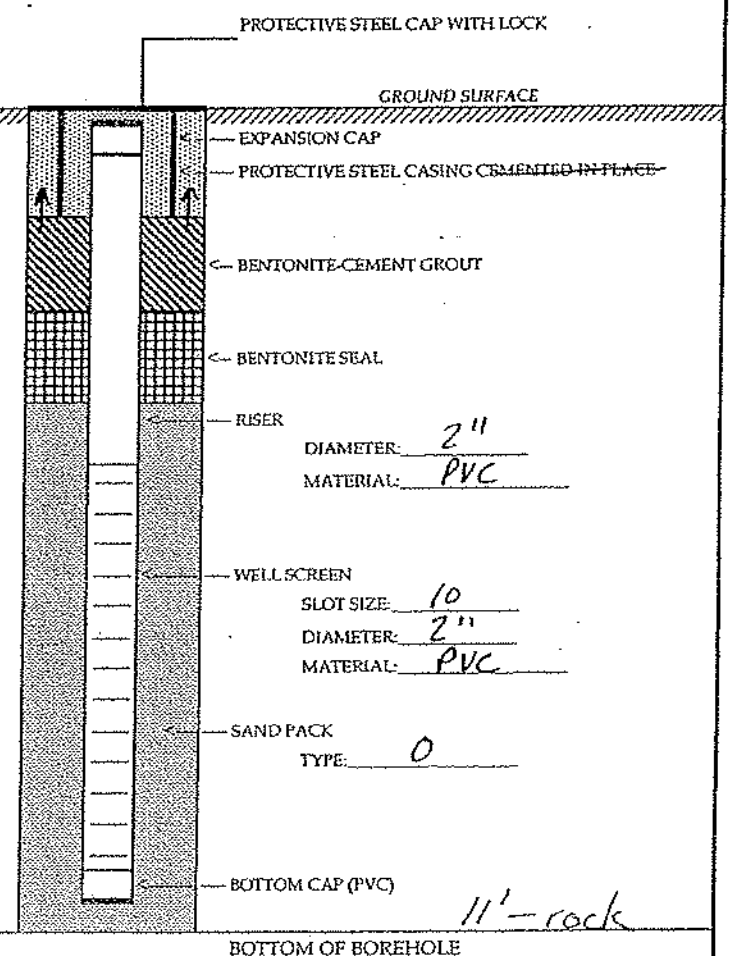
5788 Widewaters Parkway, Dewitt, NY 13214 (315) 445-2554

MONITORING WELL CONSTRUCTION

Project Name & Location	Project No.	Water Level(s) (ft below top of PVC casing)			Site Elevation Datum
Axiohm - Ithaca, NY	0013172				
Drilling Company	Foreman	Date	Time	Level (feet)	Ground Elevation
Parrat Wolff	Lane				
Surveyor					Top of Protective Steel Cap Elevation
Date and Time of Completion	Geologist				Top of Riser Pipe Elevation
8 January 2004	CW NR				

Generalized Soil Description	*Elevation	**Depth
	0.0	0.0
Boring Log Reference	0.0	0.0
B-28	0.0	0.0
	0.0	
	0.0	1.5
	0.0	3.5
	0.0	5
	0.0	15
	0.0	15

CONSTRUCTION DETAILS



REMARKS

* Elevation (feet) above mean sea level unless noted ** Depth in feet below grade

ERM

WELL: MW-12

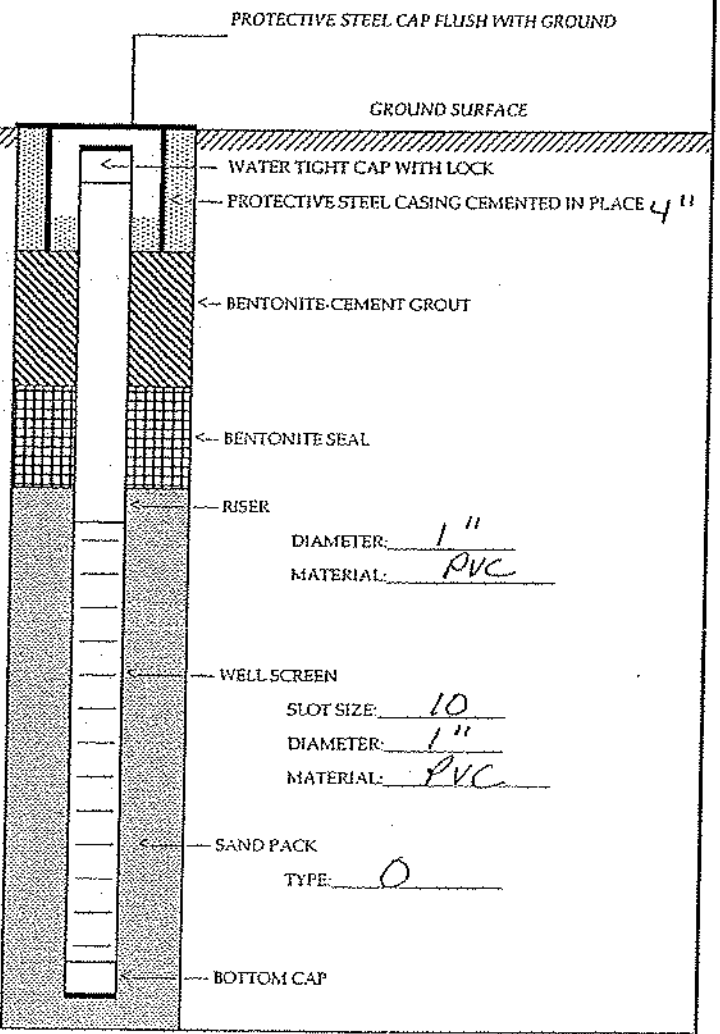
5788 Widewaters Parkway, Dewitt, NY 13214 (315) 445-2554

MONITORING WELL CONSTRUCTION LOG

Project Name & Location: Axiohm - Ithaca, NY	Project No.: 0013172	Water Level(s) (ft below top of PVC casing)			Site Elevation Datum (feet):
Drilling Company: Parratt Wolff	Foreman: Lane	Date	Time	Level (feet)	Ground Elevation (feet):
Surveyor: —					Top of Protective Steel Cap Elevation (feet):
Date and Time of Completion: 9 January 2004	Geologist: C Wunderlich				Top of Riser Pipe Elevation (feet):

Generalized Soil Description	*Elevation	**Depth
See boring log B-29	0.00	0.0
		0.6
		1.5
		3
rock		13
		13.1

CONSTRUCTION DETAILS



REMARKS

* Elevation (feet) above mean sea level unless noted

** Depth in feet below ground surface

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ERM

WELL: MW-13

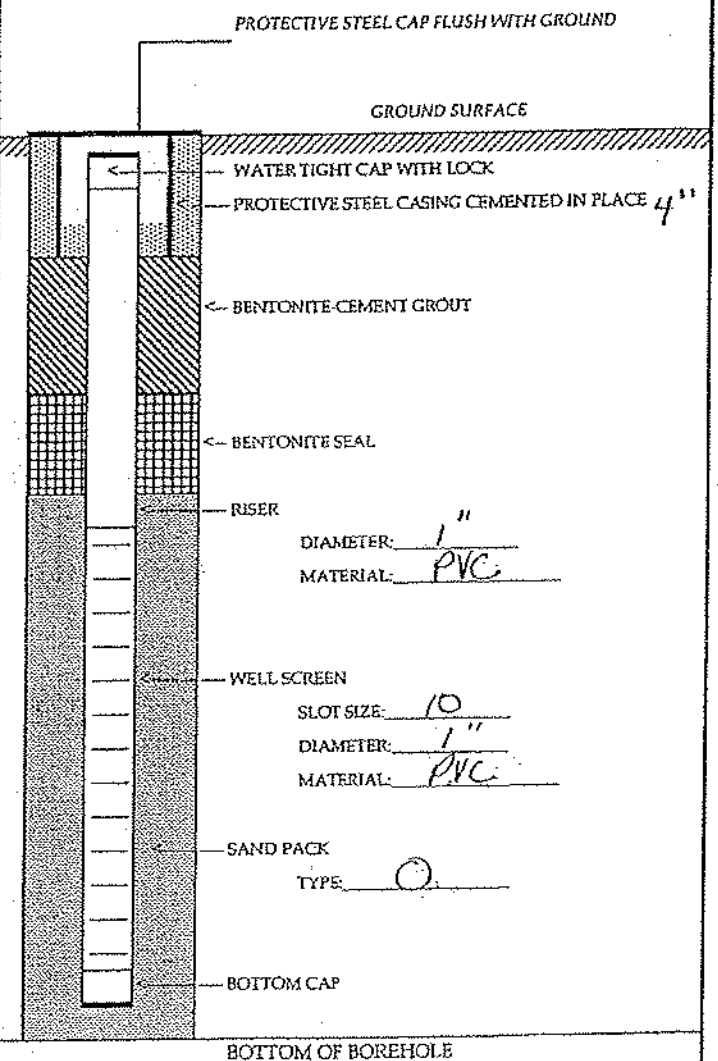
5788 Widewaters Parkway, Dewitt, NY 13214 (315) 445-2554

MONITORING WELL CONSTRUCTION LOG

Project Name & Location	Project No.	Water Level(s) (ft below top of PVC casing)			Site Elevation Datum (feet)
Axiohm - Ithaca, NY	0013172				
Drilling Company	Foreman	Date	Time	Level (feet)	Ground Elevation (feet)
Parratt Wolff	Lane				
Surveyor					Top of Protective Steel Cap Elevation (feet)
Date and Time of Completion	Geologist				Top of Riser Pipe Elevation (feet)
9 January 2004	C Wunderlich				

Generalized Soil Description	*Elevation	**Depth
see bringlog B-22	0.00	0.0
		.3
		0.5
		0.7
1.8' - rock		1.7
		1.7

CONSTRUCTION DETAILS



REMARKS

* Elevation (feet) above mean sea level unless noted

** Depth in feet below ground surface

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rev. 10/99

ERM

WELL : MW-14

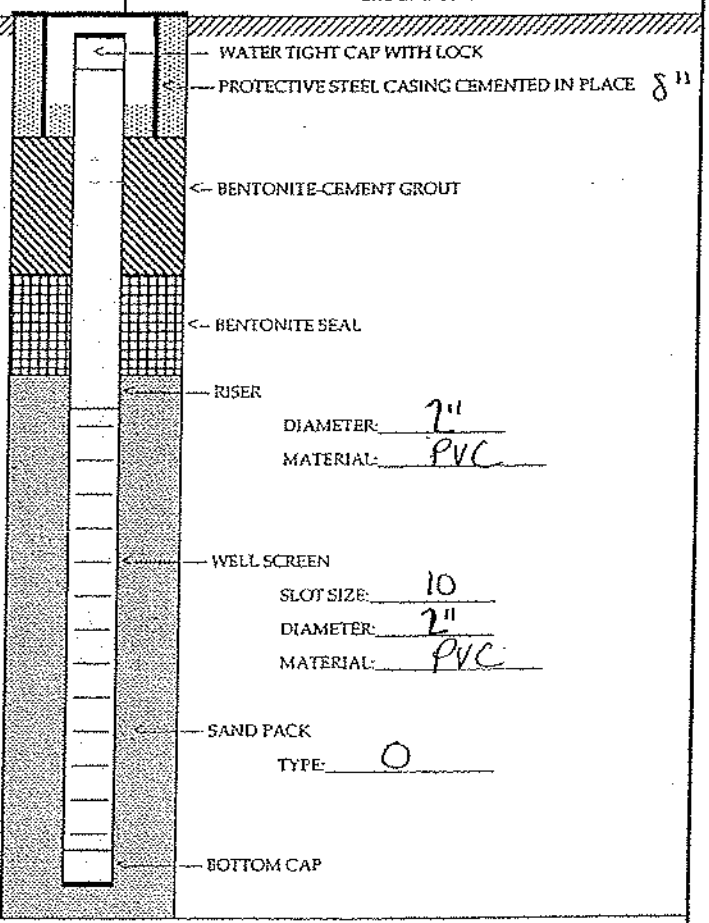
5788 Widewaters Parkway, Dewitt, NY 13214 (315) 445-2554

MONITORING WELL CONSTRUCTION LOG

Project Name & Location	Project No.	Water Level(s) (ft below top of PVC casing)			Site Elevation Datum (feet)
Axiohm - Ithaca, NY	0013172				
Drilling Company	Foreman	Date	Time	Level (feet)	Ground Elevation (feet)
Parratt Wolff	Lane				
Surveyor					Top of Protective Steel Cap Elevation (feet)
Date and Time of Completion	Geologist				Top of Riser Pipe Elevation (feet)
9 January 2004	C Wunderlich				

Generalized Soil Description	*Elevation	**Depth
See Boring Log B-12	0.00	0.0
		1.5
		3
		4
10.7' - rock		12.3
		12.3

CONSTRUCTION DETAILS



REMARKS 2" PVC

* Elevation (feet) above mean sea level unless noted ** Depth in feet below ground surface

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rev. 10/99

ERM

WELL: MW-15

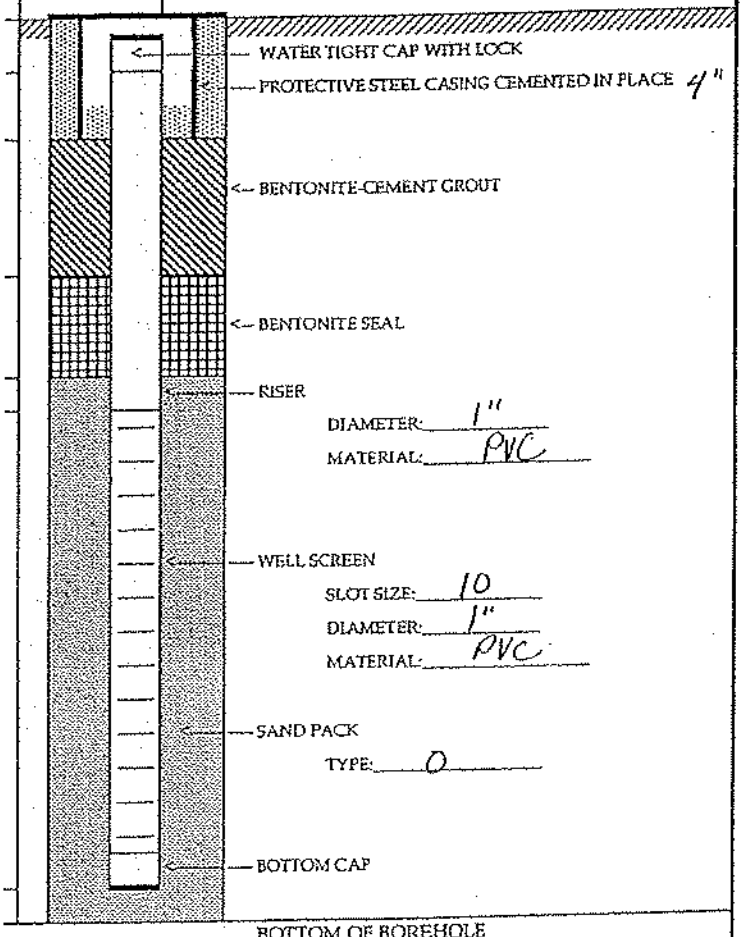
5788 Widewaters Parkway, Dewitt, NY 13214 (315) 445-2554

MONITORING WELL CONSTRUCTION LOG

Project Name & Location	Project No.	Water Level(s) (ft below top of PVC casing)			Site Elevation Datum (feet)
Axiohm - Ithaca, NY	0013172				
Drilling Company	Foreman	Date	Time	Level (feet)	Ground Elevation (feet)
Parratt Wolff	Lane				
Surveyor					Top of Protective Steel Cap Elevation (feet)
					Top of Riser Pipe Elevation (feet)
Date and Time of Completion	Geologist				
9 January 2004	C Wunderlich				

Generalized Soil Description	*Elevation	**Depth
See Boring Log B-19	0.00	0.0
		0.8
		2.5
		3.7
rock - 8.7'		8.7
		8.7

CONSTRUCTION DETAILS



REMARKS

* Elevation (feet) above mean sea level unless noted

** Depth in feet below ground surface

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rev. 10/99

Exhibit 2
Laboratory Analysis Reports
(As provided by ERM, March 2004)

Environmental
LABORATORY SERVICES

7280 Caswell Street, Hancock Air Park, North Syracuse, NY 13212
(315) 458-8033, FAX (315) 458-0249, (800) 842-4667

Certified in:
Connecticut
Delaware
Maryland
Massachusetts
New Hampshire
New Jersey
New York
Pennsylvania
Rhode Island

EPS - GEOSCIENCE
7280 Caswell Street

North Syracuse, NY 13212
ATTN: Ms. Michelle Swidowski

PO#: 88946

PROJECT #: 203944
RECEIVED: 02/21/2003
LAB LOG#: Z03-09

Site Address:
AXIOHM
950 DANBY RD.
ITHACA, NY

CLIENT JOB NUMBER: Z0126

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 340196 CLIENT SAMPLE ID: CHEM-1 (10.0-11.0')				DATE SAMPLED:	02/20/03
Semi-Volatile - 8270 B/N					
1,2,4-trichlorobenzene	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
1,2-dichlorobenzene	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
1,2-diphenylhydrazine	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
1,2-Diphenylhydrazine breaks down in the injection port. It is analyzed and reported as Azobenzene.					
1,3-dichlorobenzene	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
1,4-dichlorobenzene	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
2,4-dinitrotoluene	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
2,6-dinitrotoluene	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
2-chloronaphthalene	<0.0600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
2-methylnaphthalene	<0.0600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
2-nitroaniline	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
3,3'-dichlorobenzidine	<1.20	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
3-nitroaniline	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
4-bromophenyl phenyl ether	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
4-chloroaniline	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
4-chlorophenyl phenyl ether	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
4-nitroaniline	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
acenaphthene	<0.0600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
acenaphthylene	<0.0600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
aniline	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
anthracene	0.112	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
benzo(a)anthracene	0.215	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
benzo(a)pyrene	0.223	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
benzo(b)fluoranthene	0.148	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
benzo(g,h,i)perylene	<0.0600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
benzo(k)fluoranthene	<0.0600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
benzyl alcohol	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
bis(2-chloroethoxy)methane	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
bis(2-chloroethyl) ether	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
bis(2-ethylhexyl) phthalate	0.435	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE

EPS - GEOSCIENCE
7280 Caswell Street

North Syracuse, NY 13212
ATTN: Ms. Michelle Swidowski

PO#: 88946

CLIENT JOB:NUMBER: Z0126

PROJECT #: 203944
RECEIVED: 02/21/2003
LAB LOG#: Z03-09

Site Address:
AXIOHM
950 DANBY RD.
ITHACA, NY

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 340196 CLIENT SAMPLE ID:	CHEM-1 (10.0-11.0')			DATE SAMPLED:	02/20/03
Semi-Volatile - 8270 B/N					
butyl benzyl phthalate	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
chrysene	0.201	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
dibenz(a,h)anthracene	<0.0600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
dibenzofuran	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
diethyl phthalate	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
dimethyl phthalate	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
di-n-butyl phthalate	1.20	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
di-n-octyl phthalate	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
fluoranthene	0.254	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
fluorene	<0.0600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
hexachlorobenzene	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
hexachlorobutadiene	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
hexachlorocyclopentadiene	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
hexachloroethane	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
indeno(1,2,3-cd)pyrene	<0.0600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
isophorone	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
naphthalene	<0.0600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
nitrobenzene	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
n-nitrosodimethylamine	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
n-nitrosodiphenylamine	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
n-nitrosodipropylamine	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
phenanthrene	0.187	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
pyrene	0.255	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
pyridine	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
Solid Soxhlet Extraction			03/04/03	EPA 3540C	MNE
SOLIDS, TOTAL	86	PERCENT	02/25/03	SM18 2540B	CSA
Volatile - 8260 TAGM LIST W/ MTBE					
1,1,1-trichloroethane	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
1,1,2,2-tetrachloroethane	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
1,1-dichloroethane	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
1,1-dichloroethene	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
1,2,3-trichloropropane	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
1,2,4-trichlorobenzene	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
1,2-dichlorobenzene	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
1,2-dichloroethane	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
1,3-dichlorobenzene	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
1,3-dichloropropane	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
1,4-dichlorobenzene	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
2-butanone	<0.500	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE

EPS - GEOSCIENCE
7280 Caswell Street

North Syracuse, NY 13212
ATTN: Ms. Michelle Swidowski

PO#: 88946

CLIENT JOB:NUMBER: Z0126

PROJECT #: 203944
RECEIVED: 02/21/2003
LAB LOG#: Z03-09

Site Address:
AXIOHM
950 DANBY RD.
ITHACA, NY

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 340196 CLIENT SAMPLE ID: CHEM-1 (10.0-11.0')				DATE SAMPLED: 02/20/03	
Volatile - 8260 TAGM LIST W/ MTBE					
4-methyl-2-pentanone	<0.500	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
acetone	<0.500	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
benzene	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
carbon disulfide	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
carbon tetrachloride	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
chlorobenzene	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
chloroethane	<0.500	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
chloroform	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
dibromochloromethane	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
ethylbenzene	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
methylene chloride	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
mtbe	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
tetrachloroethene	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
toluene	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
trans-1,2-dichloroethene	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
trichloroethene	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
trichlorofluoromethane	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
vinyl chloride	<0.200	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
xylene, m+p	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
xylene, o	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
Soil Extraction for Volatiles			03/06/03	EPA 5035	SWE
SAMPLE #: 340197 CLIENT SAMPLE ID: CHEM-1 (10.0-11.0')					
MERCURY	<0.05	MG/KG DRY WT.	02/28/03	DATE SAMPLED: 02/20/03 EPA 7471A	NSH
RCRA METALS					
arsenic	<11.6	MG/KG DRY WT.	02/28/03	EPA 6010	NSH
barium	53.2	MG/KG DRY WT.	02/28/03	EPA 6010	NSH
cadmium	0.42	MG/KG DRY WT.	02/28/03	EPA 6010	NSH
chromium	15.1	MG/KG DRY WT.	02/28/03	EPA 6010	NSH
lead	53.7	MG/KG DRY WT.	02/28/03	EPA 6010	NSH
selenium	<11.6	MG/KG DRY WT.	02/28/03	EPA 6010	NSH
silver	<0.58	MG/KG DRY WT.	02/28/03	EPA 6010	NSH
Metals Digestion			02/26/03	EPA 3050B	BDR
Volatile - 8010 LIST BY 8021					
1,1,1-trichloroethane	<0.100	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
1,1,2,2-tetrachloroethane	<0.100	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
1,1,2-trichloroethane	<0.100	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
1,1-dichloroethane	<0.100	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
1,1-dichloroethene	<0.100	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE

EPS - GEOSCIENCE
7280 Caswell Street

North Syracuse, NY 13212
ATTN: Ms. Michelle Swidowski

PO#: 88946

CLIENT JOB NUMBER: Z0126

PROJECT #: 203944
RECEIVED: 02/21/2003
LAB LOG#: Z03-09

Site Address:
AXIOHM
950 DANBY RD.
ITHACA, NY

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 340197 CLIENT SAMPLE ID: CHEM-1 (10.0-11.0')					
Volatile - 8010 LIST BY 8021				DATE SAMPLED:	02/20/03
1,2-dichlorobenzene	<0.100	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
1,2-dichloroethane	<0.100	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
1,2-dichloropropane	<0.100	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
1,3-dichlorobenzene	<0.100	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
1,4-dichlorobenzene	<0.100	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
2-chloroethylvinyl ether	<0.500	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
bromodichloromethane	<0.100	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
bromoform	<0.100	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
bromomethane	<0.500	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
carbon tetrachloride	<0.100	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
chlorobenzene	<0.100	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
chloroethane	<0.500	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
chloroform	<0.100	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
chloromethane	<0.500	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
cis-1,3-dichloropropene	<0.0500	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
dibromochloromethane	<0.100	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
dichlorodifluoromethane	<0.500	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
methylene chloride	<0.100	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
tetrachloroethene	<0.100	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
trans-1,2-dichloroethene	<0.100	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
trans-1,3-dichloropropene	<0.0500	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
trichloroethene	<0.100	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
trichlorofluoromethane	<0.100	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
vinyl chloride	<0.100	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
Soil Extraction for Volatiles			02/24/03	EPA 5035	SWE
SAMPLE #: 340198 CLIENT SAMPLE ID: CHEM-1 (10.0-11.0')					
CYANIDE, TOTAL	0.608	MG/KG	02/25/03	DATE SAMPLED: EPA 9010	02/20/03 CER
SAMPLE #: 340200 CLIENT SAMPLE ID: CHEM-2 (8.0-9.2')					
Semi-Volatile - 8270 B/N				DATE SAMPLED:	02/20/03
1,2,4-trichlorobenzene	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
1,2-dichlorobenzene	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
1,2-diphenylhydrazine	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
1,2-Diphenylhydrazine breaks down in the injection port. It is analyzed and reported as Azobenzene.					
1,3-dichlorobenzene	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
1,4-dichlorobenzene	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
2,4-dinitrotoluene	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
2,6-dinitrotoluene	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE

EPS - GEOSCIENCE
7280 Caswell Street

North Syracuse, NY 13212
ATTN: Ms. Michelle Swidowski

PO#: 88946

PROJECT #: 203944
RECEIVED: 02/21/2003
LAB LOG#: Z03-09

Site Address:
AXIOHM
950 DANBY RD.
ITHACA, NY

CLIENT JOB NUMBER: Z0126

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 340200 CLIENT SAMPLE ID: CHEM-2 (8.0-9.2')				DATE SAMPLED: 02/20/03	
Semi-Volatile - 8270 B/N					
2-chloronaphthalene	<0.0600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
2-methylnaphthalene	<0.0600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
2-nitroaniline	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
3,3'-dichlorobenzidine	<1.20	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
3-nitroaniline	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
4-bromophenyl phenyl ether	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
4-chloroaniline	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
4-chlorophenyl phenyl ether	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
4-nitroaniline	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
acenaphthene	<0.0600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
acenaphthylene	<0.0600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
aniline	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
anthracene	0.105	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
benzo(a)anthracene	0.187	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
benzo(a)pyrene	<0.0600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
benzo(b)fluoranthene	<0.0600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
benzo(g,h,i)perylene	<0.0600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
benzo(k)fluoranthene	<0.0600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
benzyl alcohol	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
bis(2-chloroethoxy)methane	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
bis(2-chloroethyl) ether	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
bis(2-ethylhexyl) phthalate	0.444	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
butyl benzyl phthalate	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
chrysene	0.163	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
dibenz(a,h)anthracene	<0.0600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
dibenzofuran	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
diethyl phthalate	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
dimethyl phthalate	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
di-n-butyl phthalate	1.37	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
di-n-octyl phthalate	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
fluoranthene	0.165	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
fluorene	<0.0600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
hexachlorobenzene	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
hexachlorobutadiene	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
hexachlorocyclopentadiene	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
hexachloroethane	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
indeno(1,2,3-cd)pyrene	<0.0600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
isophorone	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
naphthalene	<0.0600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
nitrobenzene	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE

EPS - GEOSCIENCE
7280 Caswell Street

North Syracuse, NY 13212
ATTN: Ms. Michelle Swidowski

PO#: 88946

CLIENT JOB NUMBER: Z0126

PROJECT #: 203944
RECEIVED: 02/21/2003
LAB LOG#: Z03-09

Site Address:
AXIOHM
950 DANBY RD.
ITHACA, NY

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 340200 CLIENT SAMPLE ID:	CHEM-2 (8.0-9.2')			DATE SAMPLED:	02/20/03
Semi-Volatile - 8270 B/N					
n-nitrosodimethylamine	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
n-nitrosodiphenylamine	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
n-nitrosodipropylamine	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
phenanthrene	0.140	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
pyrene	0.168	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
pyridine	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
Solid Soxhlet Extraction			03/04/03	EPA 3540C	MNE
SOLIDS, TOTAL	87	PERCENT	02/25/03	SM18 2540B	CSA
Volatile - 8260 TAGM LIST W/ MTBE					
1,1,1-trichloroethane	<0.100	MG/KG DRY WT.	03/07/03	EPA 8260B	SWE
1,1,2,2-tetrachloroethane	<0.100	MG/KG DRY WT.	03/07/03	EPA 8260B	SWE
1,1-dichloroethane	<0.100	MG/KG DRY WT.	03/07/03	EPA 8260B	SWE
1,1-dichloroethene	<0.100	MG/KG DRY WT.	03/07/03	EPA 8260B	SWE
1,2,3-trichloropropane	<0.100	MG/KG DRY WT.	03/07/03	EPA 8260B	SWE
1,2,4-trichlorobenzene	<0.100	MG/KG DRY WT.	03/07/03	EPA 8260B	SWE
1,2-dichlorobenzene	<0.100	MG/KG DRY WT.	03/07/03	EPA 8260B	SWE
1,2-dichloroethane	<0.100	MG/KG DRY WT.	03/07/03	EPA 8260B	SWE
1,3-dichlorobenzene	<0.100	MG/KG DRY WT.	03/07/03	EPA 8260B	SWE
1,3-dichloropropane	<0.100	MG/KG DRY WT.	03/07/03	EPA 8260B	SWE
1,4-dichlorobenzene	<0.100	MG/KG DRY WT.	03/07/03	EPA 8260B	SWE
2-butanone	<0.500	MG/KG DRY WT.	03/07/03	EPA 8260B	SWE
4-methyl-2-pentanone	<0.500	MG/KG DRY WT.	03/07/03	EPA 8260B	SWE
acetone	<0.500	MG/KG DRY WT.	03/07/03	EPA 8260B	SWE
benzene	<0.100	MG/KG DRY WT.	03/07/03	EPA 8260B	SWE
carbon disulfide	<0.100	MG/KG DRY WT.	03/07/03	EPA 8260B	SWE
carbon tetrachloride	<0.100	MG/KG DRY WT.	03/07/03	EPA 8260B	SWE
chlorobenzene	<0.100	MG/KG DRY WT.	03/07/03	EPA 8260B	SWE
chloroethane	<0.500	MG/KG DRY WT.	03/07/03	EPA 8260B	SWE
chloroform	<0.100	MG/KG DRY WT.	03/07/03	EPA 8260B	SWE
dibromochloromethane	<0.100	MG/KG DRY WT.	03/07/03	EPA 8260B	SWE
ethylbenzene	<0.100	MG/KG DRY WT.	03/07/03	EPA 8260B	SWE
methylene chloride	<0.100	MG/KG DRY WT.	03/07/03	EPA 8260B	SWE
mtbe	<0.100	MG/KG DRY WT.	03/07/03	EPA 8260B	SWE
tetrachloroethene	<0.100	MG/KG DRY WT.	03/07/03	EPA 8260B	SWE
toluene	<0.100	MG/KG DRY WT.	03/07/03	EPA 8260B	SWE
trans-1,2-dichloroethene	<0.100	MG/KG DRY WT.	03/07/03	EPA 8260B	SWE
trichloroethene	<0.100	MG/KG DRY WT.	03/07/03	EPA 8260B	SWE
trichlorofluoromethane	<0.100	MG/KG DRY WT.	03/07/03	EPA 8260B	SWE
vinyl chloride	<0.200	MG/KG DRY WT.	03/07/03	EPA 8260B	SWE

EPS - GEOSCIENCE
7280 Caswell Street

North Syracuse, NY 13212
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PO#: 88946

CLIENT JOB NUMBER: Z0126

PROJECT #: 203944
RECEIVED: 02/21/2003
LAB LOG#: Z03-09

Site Address:
AXIOHM
950 DANBY RD.
ITHACA, NY

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 340200 CLIENT SAMPLE ID: CHEM-2 (8.0-9.2')				DATE SAMPLED:	02/20/03
Volatile - 8260 TAGM LIST W/ MTBE					
xylene, m+p	<0.100	MG/KG DRY WT.	03/07/03	EPA 8260B	SWE
xylene, o	<0.100	MG/KG DRY WT.	03/07/03	EPA 8260B	SWE
Soil Extraction for Volatiles			03/07/03	EPA 5035	SWE
SAMPLE #: 340201 CLIENT SAMPLE ID: CHEM-2 (8.0-9.2')					
CYANIDE, TOTAL	<0.04	MG/KG	02/25/03	DATE SAMPLED: EPA 9010	02/20/03 CER
SAMPLE #: 340202 CLIENT SAMPLE ID: CHEM-2 (8.0-9.2')					
MERCURY	<0.05	MG/KG DRY WT.	02/28/03	DATE SAMPLED: EPA 7471A	02/20/03 NSH
RCRA METALS					
arsenic	<11.1	MG/KG DRY WT.	02/28/03	EPA 6010	NSH
barium	45.8	MG/KG DRY WT.	02/28/03	EPA 6010	NSH
cadmium	<0.27	MG/KG DRY WT.	02/28/03	EPA 6010	NSH
chromium	13.8	MG/KG DRY WT.	02/28/03	EPA 6010	NSH
lead	7.74	MG/KG DRY WT.	02/28/03	EPA 6010	NSH
selenium	<11.1	MG/KG DRY WT.	02/28/03	EPA 6010	NSH
silver	<0.55	MG/KG DRY WT.	02/28/03	EPA 6010	NSH
Metals Digestion			02/26/03	EPA 3050B	BDR
Volatile - 8010 LIST BY 8021					
1,1,1-trichloroethane	<0.100	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
1,1,2,2-tetrachloroethane	<0.100	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
1,1,2-trichloroethane	<0.100	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
1,1-dichloroethane	<0.100	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
1,1-dichloroethene	<0.100	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
1,2-dichlorobenzene	<0.100	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
1,2-dichloroethane	<0.100	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
1,2-dichloropropane	<0.100	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
1,3-dichlorobenzene	<0.100	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
1,4-dichlorobenzene	<0.100	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
2-chloroethylvinyl ether	<0.500	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
bromodichloromethane	<0.100	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
bromoform	<0.100	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
bromomethane	<0.500	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
carbon tetrachloride	<0.100	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
chlorobenzene	<0.100	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
chloroethane	<0.500	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
chloroform	<0.100	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
chloromethane	<0.500	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE

EPS - GEOSCIENCE
7280 Caswell Street

North Syracuse, NY 13212
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PO#: 88946

CLIENT JOB NUMBER: Z0126

PROJECT #: 203944
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LAB LOG#: Z03-09

Site Address:
AXIOHM
950 DANBY RD.
ITHACA, NY

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 340202 CLIENT SAMPLE ID:	CHEM-2 (8.0-9.2')			DATE SAMPLED:	02/20/03
Volatile - 8010 LIST BY 8021					
cis-1,3-dichloropropene	<0.0500	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
dibromochloromethane	<0.100	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
dichlorodifluoromethane	<0.500	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
methylene chloride	<0.100	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
tetrachloroethene	<0.100	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
trans-1,2-dichloroethene	<0.100	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
trans-1,3-dichloropropene	<0.0500	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
trichloroethene	<0.100	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
trichlorofluoromethane	<0.100	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
vinyl chloride	<0.100	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
Soil Extraction for Volatiles			02/24/03	EPA 5035	SWE
SAMPLE #: 340193 CLIENT SAMPLE ID:	HTP-1 (10.0-10.5')			DATE SAMPLED:	02/20/03
Semi-Volatile - 8270 B/N					
1,2,4-trichlorobenzene	<3.00	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
1,2-dichlorobenzene	<3.00	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
1,2-diphenylhydrazine	<3.00	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
1,2-Diphenylhydrazine breaks down in the injection port. It is analyzed and reported as Azobenzene.					
1,3-dichlorobenzene	<3.00	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
1,4-dichlorobenzene	<3.00	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
2,4-dinitrotoluene	<3.00	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
2,6-dinitrotoluene	<3.00	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
2-chloronaphthalene	<0.600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
2-methylnaphthalene	<0.600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
2-nitroaniline	<3.00	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
3,3'-dichlorobenzidine	<12.0	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
3-nitroaniline	<3.00	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
4-bromophenyl phenyl ether	<3.00	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
4-chloroaniline	<3.00	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
4-chlorophenyl phenyl ether	<3.00	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
4-nitroaniline	<3.00	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
acenaphthene	<0.600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
acenaphthylene	<0.600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
aniline	<3.00	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
anthracene	0.964	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
benzo(a)anthracene	1.65	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
benzo(a)pyrene	<0.600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
benzo(b)fluoranthene	<0.600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
benzo(g,h,i)perylene	<0.600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
benzo(k)fluoranthene	<0.600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE

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7280 Caswell Street

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PO#: 88946

CLIENT JOB NUMBER: Z0126

PROJECT #: 203944
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LAB LOG#: Z03-09

Site Address:
AXIOHM
950 DANBY RD.
ITHACA, NY

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 340193 CLIENT SAMPLE ID: HTP-1 (10.0-10.5')				DATE SAMPLED:	02/20/03
Semi-Volatile - 8270 B/N					
benzyl alcohol	<3.00	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
bis(2-chloroethoxy)methane	<3.00	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
bis(2-chloroethyl) ether	<3.00	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
bis(2-ethylhexyl) phthalate	<3.00	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
butyl benzyl phthalate	<3.00	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
chrysene	1.41	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
dibenz(a,h)anthracene	<0.600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
dibenzofuran	<3.00	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
diethyl phthalate	<3.00	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
dimethyl phthalate	<3.00	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
di-n-butyl phthalate	2.14	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
di-n-octyl phthalate	<3.00	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
fluoranthene	<0.600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
fluorene	<0.600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
hexachlorobenzene	<3.00	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
hexachlorobutadiene	<3.00	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
hexachlorocyclopentadiene	<3.00	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
hexachloroethane	<3.00	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
indeno(1,2,3-cd)pyrene	<0.600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
isophorone	<3.00	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
naphthalene	<0.600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
nitrobenzene	<3.00	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
n-nitrosodimethylamine	<3.00	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
n-nitrosodiphenylamine	<3.00	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
n-nitrosodipropylamine	<3.00	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
phenanthrene	1.01	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
pyrene	<0.600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
pyridine	<3.00	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
Elevated detection level due to sample matrix interference.					
Solid Soxhlet Extraction			03/04/03	EPA 3540C	MNE
SOLIDS, TOTAL	91	PERCENT	02/25/03	SM18 2540B	CSA
Volatile - 8260 TAGM LIST W/ MTBE					
1,1,1-trichloroethane	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
1,1,2,2-tetrachloroethane	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
1,1-dichloroethane	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
1,1-dichloroethene	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
1,2,3-trichloropropane	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
1,2,4-trichlorobenzene	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
1,2-dichlorobenzene	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE

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AXIOHM
950 DANBY RD.
ITHACA, NY

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 340193 CLIENT SAMPLE ID: HTP-1 (10.0-10.5')				DATE SAMPLED:	02/20/03
Volatile - 8260 TAGM LIST W/ MTBE					
1,2-dichloroethane	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
1,3-dichlorobenzene	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
1,3-dichloropropane	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
1,4-dichlorobenzene	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
2-butanone	<0.500	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
4-methyl-2-pentanone	<0.500	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
acetone	<0.500	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
benzene	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
carbon disulfide	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
carbon tetrachloride	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
chlorobenzene	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
chloroethane	<0.500	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
chloroform	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
dibromochloromethane	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
ethylbenzene	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
methylene chloride	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
mtbe	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
tetrachloroethene	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
toluene	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
trans-1,2-dichloroethene	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
trichloroethene	0.528	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
trichlorofluoromethane	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
vinyl chloride	<0.200	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
xylene, m+p	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
xylene, o	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
Soil Extraction for Volatiles			03/06/03	EPA 5035	SWE
SAMPLE #: 340194 CLIENT SAMPLE ID: HTP-1 (10.0-10.5')				DATE SAMPLED:	02/20/03
CYANIDE, TOTAL	3.85	MG/KG	02/25/03	EPA 9010	CER
SAMPLE #: 340195 CLIENT SAMPLE ID: HTP-1 (10.0-10.5')				DATE SAMPLED:	02/20/03
MERCURY	<0.04	MG/KG DRY WT.	02/28/03	EPA 7471A	NSH
RCRA METALS					
arsenic	<10.7	MG/KG DRY WT.	02/28/03	EPA 6010	NSH
barium	79.7	MG/KG DRY WT.	02/28/03	EPA 6010	NSH
cadmium	0.43	MG/KG DRY WT.	02/28/03	EPA 6010	NSH
chromium	50.8	MG/KG DRY WT.	02/28/03	EPA 6010	NSH
lead	<5.4	MG/KG DRY WT.	02/28/03	EPA 6010	NSH

EPS - GEOSCIENCE
7280 Caswell Street

North Syracuse, NY 13212
ATTN: Ms. Michelle Swidowski

PO#: 88946

CLIENT JOB NUMBER: Z0126

PROJECT #: 203944
RECEIVED: 02/21/2003
LAB LOG#: Z03-09

Site Address:
AXIOHM
950 DANBY RD.
ITHACA, NY

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 340195 CLIENT SAMPLE ID: HTP-1 (10.0-10.5')				DATE SAMPLED:	02/20/03
RCRA METALS					
selenium	<10.7	MG/KG DRY WT.	02/28/03	EPA 6010	NSH
silver	<0.54	MG/KG DRY WT.	02/28/03	EPA 6010	NSH
Metals Digestion			02/26/03	EPA 3050B	BDR
Volatile - 8010 LIST BY 8021					
1,1,1-trichloroethane	<0.100	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
1,1,2,2-tetrachloroethane	<0.100	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
1,1,2-trichloroethane	<0.100	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
1,1-dichloroethane	<0.100	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
1,1-dichloroethene	<0.100	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
1,2-dichlorobenzene	<0.100	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
1,2-dichloroethane	<0.100	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
1,2-dichloropropane	<0.100	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
1,3-dichlorobenzene	<0.100	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
1,4-dichlorobenzene	<0.100	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
2-chloroethylvinyl ether	<0.500	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
bromodichloromethane	<0.100	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
bromoform	<0.100	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
bromomethane	<0.500	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
carbon tetrachloride	<0.100	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
chlorobenzene	<0.100	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
chloroethane	<0.500	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
chloroform	<0.100	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
chloromethane	<0.500	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
cis-1,3-dichloropropene	<0.0500	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
dibromochloromethane	<0.100	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
dichlorodifluoromethane	<0.500	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
methylene chloride	<0.100	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
tetrachloroethene	<0.100	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
trans-1,2-dichloroethene	<0.100	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
trans-1,3-dichloropropene	<0.0500	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
trichloroethene	2.07	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
trichlorofluoromethane	<0.100	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
vinyl chloride	<0.100	MG/KG DRY WT.	02/24/03	EPA 8260B	SWE
Soil Extraction for Volatiles			02/24/03	EPA 5035	SWE
SAMPLE #: 340191 CLIENT SAMPLE ID: TF-1 (10.0-10.8')				DATE SAMPLED:	02/20/03
Semi-Volatile - 8270 B/N					
1,2,4-trichlorobenzene	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
1,2-dichlorobenzene	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE

EPS - GEOSCIENCE
7280 Caswell Street

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CLIENT JOB NUMBER: Z0126

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LAB LOG#: Z03-09

Site Address:
AXIOHM
950 DANBY RD.
ITHACA, NY

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMI BY
SAMPLE #: 340191 CLIENT SAMPLE ID: TF-1 (10.0-10.8')					
Semi-Volatile - 8270 B/N				DATE SAMPLED:	02/20/03
1,2-diphenylhydrazine	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
1,2-Diphenylhydrazine breaks down in the injection port. It is analyzed and reported as Azobenzene.					
1,3-dichlorobenzene	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
1,4-dichlorobenzene	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
2,4-dinitrotoluene	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
2,6-dinitrotoluene	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
2-chloronaphthalene	<0.0600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
2-methylnaphthalene	0.294	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
2-nitroaniline	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
3,3'-dichlorobenzidine	<1.20	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
3-nitroaniline	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
4-bromophenyl phenyl ether	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
4-chloroaniline	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
4-chlorophenyl phenyl ether	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
4-nitroaniline	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
acenaphthene	<0.0600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
acenaphthylene	<0.0600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
aniline	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
anthracene	0.110	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
benzo(a)anthracene	<0.0600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
benzo(a)pyrene	<0.0600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
benzo(b)fluoranthene	<0.0600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
benzo(g,h,i)perylene	<0.0600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
benzo(k)fluoranthene	<0.0600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
benzyl alcohol	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
bis(2-chloroethoxy)methane	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
bis(2-chloroethyl) ether	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
bis(2-ethylhexyl) phthalate	1.18	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
butyl benzyl phthalate	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
chrysene	<0.0600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
dibenz(a,h)anthracene	<0.0600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
dibenzofuran	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
diethyl phthalate	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
dimethyl phthalate	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
di-n-butyl phthalate	1.16	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
di-n-octyl phthalate	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
fluoranthene	<0.0600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
fluorene	<0.0600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
hexachlorobenzene	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
hexachlorobutadiene	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE

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PROJECT #: 203944
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Site Address:
AXIOHM
950 DANBY RD.
ITHACA, NY

CLIENT JOB NUMBER: Z0126

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 340191 CLIENT SAMPLE ID:	TF-1 (10.0-10.8')			DATE SAMPLED:	02/20/03
Semi-Volatile - 8270 B/N					
hexachlorocyclopentadiene	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
hexachloroethane	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
indeno(1,2,3-cd)pyrene	<0.0600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
isophorone	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
naphthalene	0.0801	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
nitrobenzene	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
n-nitrosodimethylamine	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
n-nitrosodiphenylamine	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
n-nitrosodipropylamine	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
phenanthrene	0.174	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
pyrene	<0.0600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
pyridine	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
Solid Soxhlet Extraction			03/04/03	EPA 3540C	MNE
SOLIDS, TOTAL	86	PERCENT	02/25/03	SM18 2540B	CSA
Volatile - 8260 TAGM LIST W/ MTBE					
1,1,1-trichloroethane	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
1,1,2,2-tetrachloroethane	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
1,1-dichloroethane	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
1,1-dichloroethene	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
1,2,3-trichloropropane	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
1,2,4-trichlorobenzene	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
1,2-dichlorobenzene	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
1,2-dichloroethane	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
1,3-dichlorobenzene	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
1,3-dichloropropane	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
1,4-dichlorobenzene	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
2-butanone	<0.500	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
4-methyl-2-pentanone	<0.500	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
acelone	<0.500	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
benzene	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
carbon disulfide	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
carbon tetrachloride	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
chlorobenzene	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
chloroethane	<0.500	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
chloroform	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
dibromochloromethane	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
ethylbenzene	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
methylene chloride	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
mtbe	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE

EPS - GEOSCIENCE
7280 Caswell Street

North Syracuse, NY 13212
ATTN: Ms. Michelle Swidowski

PO#: 88946

CLIENT JOB NUMBER: Z0126

PROJECT #: 203944
RECEIVED: 02/21/2003
LAB LOG#: Z03-09

Site Address:
AXIOHM
950 DANBY RD.
ITHACA, NY

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 340191 CLIENT SAMPLE ID: TF-1 (10.0-10.8')					
Volatile - 8260 TAGM LIST W/ MTBE				DATE SAMPLED:	02/20/03
tetrachloroethene	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
toluene	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
trans-1,2-dichloroethene	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
trichloroethene	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
trichlorofluoromethane	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
vinyl chloride	<0.200	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
xylene, m+p	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
xylene, o	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
Soil Extraction for Volatiles			03/06/03	EPA 5035	SWE
SAMPLE #: 340192 CLIENT SAMPLE ID: TF-2 (12.0-12.5')					
Semi-Volatile - 8270 B/N				DATE SAMPLED:	02/20/03
1,2,4-trichlorobenzene	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
1,2-dichlorobenzene	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
1,2-diphenylhydrazine	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
1,2-Diphenylhydrazine breaks down in the injection port. It is analyzed and reported as Azobenzene.					
1,3-dichlorobenzene	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
1,4-dichlorobenzene	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
2,4-dinitrotoluene	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
2,6-dinitrotoluene	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
2-chloronaphthalene	<0.0600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
2-methylnaphthalene	<0.0600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
2-nitroaniline	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
3,3'-dichlorobenzidine	<1.20	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
3-nitroaniline	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
4-bromophenyl phenyl ether	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
4-chloroaniline	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
4-chlorophenyl phenyl ether	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
4-nitroaniline	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
acenaphthene	<0.0600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
acenaphthylene	<0.0600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
aniline	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
anthracene	0.0995	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
benzo(a)anthracene	<0.0600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
benzo(a)pyrene	<0.0600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
benzo(b)fluoranthene	<0.0600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
benzo(g,h,i)perylene	<0.0600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
benzo(k)fluoranthene	<0.0600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
benzyl alcohol	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
bis(2-chloroethoxy)methane	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE

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PO#: 88946

PROJECT #: 203944
RECEIVED: 02/21/2003
LAB LOG#: Z03-09

Site Address:
AXIOHM
950 DANBY RD.
ITHACA, NY

CLIENT JOB NUMBER: Z0126

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 340192 CLIENT SAMPLE ID:	TF-2 (12.0-12.5')			DATE SAMPLED:	02/20/03
Semi-Volatile - 8270 B/N					
bis(2-chloroethyl) ether	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
bis(2-ethylhexyl) phthalate	0.481	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
butyl benzyl phthalate	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
chrysene	<0.0600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
dibenz(a,h)anthracene	<0.0600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
dibenzofuran	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
diethyl phthalate	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
dimethyl phthalate	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
di-n-butyl phthalate	1.33	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
di-n-octyl phthalate	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
fluoranthene	0.145	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
fluorene	<0.0600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
hexachlorobenzene	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
hexachlorobuladiene	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
hexachlorocyclopentadiene	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
hexachloroethane	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
indeno(1,2,3-cd)pyrene	<0.0600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
isophorone	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
naphthalene	<0.0600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
nitrobenzene	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
n-nitrosodimethylamine	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
n-nitrosodiphenylamine	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
n-nitrosodipropylamine	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
phenanthrene	0.130	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
pyrene	0.140	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
pyridine	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
Solid Soxhlet Extraction			03/04/03	EPA 3540C	MNE
SOLIDS, TOTAL	91	PERCENT	02/25/03	SM18 2540B	CSA
Volatile - 8260 TAGM LIST W/ MTBE					
1,1,1-trichloroethane	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
1,1,2,2-tetrachloroethane	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
1,1-dichloroethane	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
1,1-dichloroethene	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
1,2,3-trichloropropane	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
1,2,4-trichlorobenzene	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
1,2-dichlorobenzene	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
1,2-dichloroethane	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
1,3-dichlorobenzene	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
1,3-dichloropropane	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE

EPS - GEOSCIENCE
7280 Caswell Street

North Syracuse, NY 13212
ATTN: Ms. Michelle Swidowski

PO#: 88946

CLIENT JOB NUMBER: Z0126

PROJECT #: 203944
RECEIVED: 02/21/2003
LAB LOG#: Z03-09

Site Address:
AXIOHM
950 DANBY RD,
ITHACA, NY

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 340192 CLIENT SAMPLE ID: TF-2 (12.0-12.5')				DATE SAMPLED:	02/20/03
Volatile - 8260 TAGM LIST W/ MTBE					
1,4-dichlorobenzene	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
2-butanone	<0.500	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
4-methyl-2-pentanone	<0.500	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
acetone	<0.500	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
benzene	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
carbon disulfide	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
carbon tetrachloride	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
chlorobenzene	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
chloroethane	<0.500	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
chloroform	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
dibromochloromethane	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
ethylbenzene	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
methylene chloride	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
mtbe	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
tetrachloroethene	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
toluene	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
trans-1,2-dichloroethene	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
trichloroethene	0.638	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
trichlorofluoromethane	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
vinyl chloride	<0.200	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
xylene, m+p	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
xylene, o	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
Soil Extraction for Volatiles			03/06/03	EPA 5035	SWE
SAMPLE #: 340199 CLIENT SAMPLE ID: UST-1 (10.0-11.0')				DATE SAMPLED:	02/20/03
Semi-Volatile - 8270 B/N					
1,2,4-trichlorobenzene	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
1,2-dichlorobenzene	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
1,2-diphenylhydrazine	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
1,2-Diphenylhydrazine breaks down in the injection port. It is analyzed and reported as Azobenzene.					
1,3-dichlorobenzene	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
1,4-dichlorobenzene	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
2,4-dinitrotoluene	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
2,6-dinitrotoluene	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
2-chloronaphthalene	<0.0600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
2-methylnaphthalene	<0.0600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
2-nitroaniline	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
3,3'-dichlorobenzidine	<1.20	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
3-nitroaniline	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
4-bromophenyl phenyl ether	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE

EPS - GEOSCIENCE
7280 Caswell Street

North Syracuse, NY 13212
ATTN: Ms. Michelle Swidowski

PO#: 88946

PROJECT #: 203944
RECEIVED: 02/21/2003
LAB LOG#: Z03-09

Site Address:
AXIOHM
950 DANBY RD.
ITHACA, NY

CLIENT JOB NUMBER: Z0126

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 340192 CLIENT SAMPLE ID: TF-2 (12.0-12.5')				DATE SAMPLED: 02/20/03	
Volatile - 8260 TAGM LIST W/ MTBE					
1,4-dichlorobenzene	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
2-butanone	<0.500	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
4-methyl-2-pentanone	<0.500	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
acetone	<0.500	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
benzene	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
carbon disulfide	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
carbon tetrachloride	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
chlorobenzene	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
chloroethane	<0.500	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
chloroform	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
dibromochloromethane	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
ethylbenzene	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
methylene chloride	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
mtbe	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
tetrachloroethene	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
toluene	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
trans-1,2-dichloroethene	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
trichloroethene	0.638	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
trichlorofluoromethane	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
vinyl chloride	<0.200	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
xylene, m+p	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
xylene, o	<0.100	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
Soil Extraction for Volatiles			03/06/03	EPA 5035	SWE
AMPLE #: 340199 CLIENT SAMPLE ID: UST-1 (10.0-11.0')				DATE SAMPLED: 02/20/03	
Semi-Volatile - 8270 B/N					
1,2,4-trichlorobenzene	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
1,2-dichlorobenzene	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
1,2-diphenylhydrazine	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
1,2-Diphenylhydrazine breaks down in the injection port. It is analyzed and reported as Azobenzene.					
1,3-dichlorobenzene	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
1,4-dichlorobenzene	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
2,4-dinitrotoluene	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
2,6-dinitrotoluene	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
2-chloronaphthalene	<0.0600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
2-methylnaphthalene	<0.0600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
2-nitroaniline	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
3,3'-dichlorobenzidine	<1.20	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
3-nitroaniline	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
4-bromophenyl phenyl ether	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE

EPS - GEOSCIENCE
7280 Caswell Street

North Syracuse, NY 13212
ATTN: Ms. Michelle Swidowski

PO#: 88946

CLIENT JOB NUMBER: Z0126

PROJECT #: 203944
RECEIVED: 02/21/2003
LAB LOG#: Z03-09

Site Address:
AXIOHM
950 DANBY RD.
ITHACA, NY

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 340199 CLIENT SAMPLE ID:	UST-1 (10.0-11.0')			DATE SAMPLED:	02/20/03
Semi-Volatile - 8270 B/N					
4-chloroaniline	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
4-chlorophenyl phenyl ether	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
4-nitroaniline	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
acenaphthene	<0.0600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
acenaphthylene	<0.0600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
aniline	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
anthracene	<0.0600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
benzo(a)anthracene	<0.0600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
benzo(a)pyrene	<0.0600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
benzo(b)fluoranthene	<0.0600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
benzo(g,h,i)perylene	<0.0600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
benzo(k)fluoranthene	<0.0600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
benzyl alcohol	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
bis(2-chloroethoxy)methane	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
bis(2-chloroethyl) ether	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
bis(2-ethylhexyl) phthalate	0.500	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
butyl benzyl phthalate	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
chrysene	<0.0600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
dibenz(a,h)anthracene	<0.0600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
dibenzofuran	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
diethyl phthalate	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
dimethyl phthalate	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
di-n-butyl phthalate	1.61	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
di-n-octyl phthalate	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
fluoranthene	<0.0600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
fluorene	<0.0600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
hexachlorobenzene	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
hexachlorobutadiene	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
hexachlorocyclopentadiene	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
hexachloroethane	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
indeno(1,2,3-cd)pyrene	<0.0600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
isophorone	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
naphthalene	<0.0600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
nitrobenzene	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
n-nitrosodimethylamine	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
n-nitrosodiphenylamine	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
n-nitrosodipropylamine	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
phenanthrene	<0.0600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
pyrene	<0.0600	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE
pyridine	<0.300	MG/KG DRY WT.	03/06/03	EPA 8270C	SWE

EPS - GEOSCIENCE
7280 Caswell Street

North Syracuse, NY 13212
ATTN: Ms. Michelle Swidowski

PO#: 88946

PROJECT #: 203944
RECEIVED: 02/21/2003
LAB LOG#: Z03-09

Site Address:
AXIOHM
950 DANBY RD.
ITHACA, NY

CLIENT JOB NUMBER: Z0126

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 340199 CLIENT SAMPLE ID:	UST-1 (10.0-11.0')			DATE SAMPLED:	02/20/03
Solid Soxhlet Extraction			03/04/03	EPA 3540C	MNE
SOLIDS, TOTAL	87	PERCENT	02/25/03	SM18 2540B	CSA
Volatile - 8260 TAGM LIST W/ MTBE					
1,1,1-trichloroethane	<0.100	MG/KG DRY WT.	03/07/03	EPA 8260B	SWE
1,1,2,2-tetrachloroethane	<0.100	MG/KG DRY WT.	03/07/03	EPA 8260B	SWE
1,1-dichloroethane	<0.100	MG/KG DRY WT.	03/07/03	EPA 8260B	SWE
1,1-dichloroethene	<0.100	MG/KG DRY WT.	03/07/03	EPA 8260B	SWE
1,2,3-trichloropropane	<0.100	MG/KG DRY WT.	03/07/03	EPA 8260B	SWE
1,2,4-trichlorobenzene	<0.100	MG/KG DRY WT.	03/07/03	EPA 8260B	SWE
1,2-dichlorobenzene	<0.100	MG/KG DRY WT.	03/07/03	EPA 8260B	SWE
1,2-dichloroethane	<0.100	MG/KG DRY WT.	03/07/03	EPA 8260B	SWE
1,3-dichlorobenzene	<0.100	MG/KG DRY WT.	03/07/03	EPA 8260B	SWE
1,3-dichloropropane	<0.100	MG/KG DRY WT.	03/07/03	EPA 8260B	SWE
1,4-dichlorobenzene	<0.100	MG/KG DRY WT.	03/07/03	EPA 8260B	SWE
2-butanone	<0.500	MG/KG DRY WT.	03/07/03	EPA 8260B	SWE
4-methyl-2-pentanone	<0.500	MG/KG DRY WT.	03/07/03	EPA 8260B	SWE
acetone	<0.500	MG/KG DRY WT.	03/07/03	EPA 8260B	SWE
benzene	<0.100	MG/KG DRY WT.	03/07/03	EPA 8260B	SWE
carbon disulfide	<0.100	MG/KG DRY WT.	03/07/03	EPA 8260B	SWE
carbon tetrachloride	<0.100	MG/KG DRY WT.	03/07/03	EPA 8260B	SWE
chlorobenzene	<0.100	MG/KG DRY WT.	03/07/03	EPA 8260B	SWE
chloroethane	<0.500	MG/KG DRY WT.	03/07/03	EPA 8260B	SWE
chloroform	<0.100	MG/KG DRY WT.	03/07/03	EPA 8260B	SWE
dibromochloromethane	<0.100	MG/KG DRY WT.	03/07/03	EPA 8260B	SWE
ethylbenzene	<0.100	MG/KG DRY WT.	03/07/03	EPA 8260B	SWE
methylene chloride	<0.100	MG/KG DRY WT.	03/07/03	EPA 8260B	SWE
mtbe	<0.100	MG/KG DRY WT.	03/07/03	EPA 8260B	SWE
tetrachloroethene	<0.100	MG/KG DRY WT.	03/07/03	EPA 8260B	SWE
toluene	<0.100	MG/KG DRY WT.	03/07/03	EPA 8260B	SWE
trans-1,2-dichloroethene	<0.100	MG/KG DRY WT.	03/07/03	EPA 8260B	SWE
trichloroethene	<0.100	MG/KG DRY WT.	03/07/03	EPA 8260B	SWE
trichlorofluoromethane	<0.100	MG/KG DRY WT.	03/07/03	EPA 8260B	SWE
vinyl chloride	<0.200	MG/KG DRY WT.	03/06/03	EPA 8260B	SWE
xylene, m+p	<0.100	MG/KG DRY WT.	03/07/03	EPA 8260B	SWE
xylene, o	<0.100	MG/KG DRY WT.	03/07/03	EPA 8260B	SWE
Soil Extraction for Volatiles			03/06/03	EPA 5035	SWE

EPS - GEOSCIENCE
7280 Caswell Street

North Syracuse, NY 13212
ATTN: Ms. Michelle Swidowski

PO#: 88946

CLIENT JOB NUMBER: Z0126

PROJECT #: 203944
RECEIVED: 02/21/2003
LAB LOG#: Z03-09

Site Address:
AXIOHM
950 DANBY RD.
ITHACA, NY

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY

Wendy J. Umberger
Laboratory Director

03/07/2003
Print Date

All tests performed under NYS ELAP Laboratory Certification # 11375 unless otherwise stated.

Environmental
LABORATORY SERVICES

Environmental PRODUCTS & SERVICES, INC.

(315) 471-0503 / (800) 843-8265

CHAIN OF CUSTODY RECORD

EPS LAB LOG NO. 703-09

JOB NUMBER: 70126 PIN NUMBER:

P.O. NUMBER: 89946 SPILL NUMBER:

LABORATORY: E L S

ADDRESS: N. Syracuse, NY

PHONE NO. 315 458-8033

REPORTING REQUIREMENTS (other than ma)

☐ PHONE NO.: Pick up

☐ FAX NO.:

TURN AROUND TIME (CALL AHEAD FOR APPROVAL FOR RUSH)

24-HOUR ☐

48-HOUR ☐

NORMAL ☒

OTHER ☐ _____

LAB APPROVAL BY: _____

SPECIAL DETECTION LIMITS ☐ Yes ☒ No

(Specify)

SPECIAL QA/QC LEVEL Yes ☐ No ☒

(Specify)

WASTE SAMPLE Yes ☐ No ☒

Sample(s) State of Origin: CT ☐ DE ☐ MA ☐ MD ☐ NH ☐ NJ ☐ NY ☒ PA ☐ RI ☐ VT ☐ __ ☐

SAMPLE TYPE:
G - GRAB
C - COMPOSITE
W - WIPE
SS - SURFACE SCRAPE
O - OTHER (SPECIFY)

CONTAINER TYPE:
V - VOA VIALS
G - GLASS
P - PLASTIC
O - OTHER

ANALYSIS REQUESTED

SITE ADDRESS: Axyohm, 950 Danby Rd, Ithaca, NY

SPECIAL INSTRUCTIONS: Quote 1993. Sort by Sample ID (TV)

DATE	TIME	SAMPLE I.D./ DESCRIPTION	CONTAINER: Number	CONTAINER: Size	CONTAINER: Type (Enter Code)	MATRIX: Groundwater	MATRIX: Soil	MATRIX: Sludge	MATRIX: Other	TYPE (ENTER CODE)	PRESERVATIVE: HCl	PRESERVATIVE: HNO_3	PRESERVATIVE: H_2SO_4	PRESERVATIVE: Ice (4°C)	PRESERVATIVE: Teflon Liner	PRESERVATIVE: Filtered	PRESERVATIVE: Other	COMMENTS/ SAMPLING POINT(S)
2/20/03	1024	TF-1 (10.0-10.8)	1	4 oz	G		X			G				X				
	1219	TF-2 (7.0-12.5)	1	4 oz	G		X							X				
	1414	HTP-K (10.0-10.5)	1	4 oz	G		X							X				
	1414	HTP-I (10.0-10.5)	1	4 oz	G		X							X				
	1414	HTP-V (10.0-10.5)	1	4 oz	G		X							X				
		CHEM-1	1	4 oz	G		X							X				
	1651	CHEM-2 (0.0-0.2)	1	4 oz	G		X							X				
	1651	CHEM-2 (0.2-0.2)	1	4 oz	G		X							X				
	1651	CHEM-2 (0.2-0.2)	1	4 oz	G		X							X				
	1564	UST-1 (10.0-11.0)	1	4 oz	G		X							X				

ANALYSIS REQUESTED: CORROS ☐ FLASH ☐ REACT ☐ pH ☐; TCLP: METALS ☐ VOA ☐ SEMI-VOA ☐; TCLP: PEST ☐ HERB ☐; TOTAL METALS ☐ SPECIFY:; OIL AND GREASE: EPA 413.1 ☐; PH: GRO ☐ DRO ☐ TPH GC ☐; TPH: EPA 418.1(IR) ☐ NYS DOH 310-13(GC) ☐; EPA 503.1 ☐ EPA 524 ☐ W/ MTBE ☐ 8260 W/ MTBE ☐; EPA 601 ☐ EPA 8010 ☐ EPA 8021 ☐ W/ MTBE ☐; EPA 602 ☐ EPA 8020 ☐ BTEX ☐ W/ MTBE ☐; EPA 608 ☐ EPA 8080 ☐ PCB ONLY ☐; EPA 624 ☐ EPA 8240 ☐ EPA 8260 ☐; EPA 625 ☐ EPA 8270 ☐ EPA 8270 SIM ☒; TOTAL O/G/MOE ☒; RCRA 8 METALS ☒; SOLVENTS-8010 BY 8021 ☒

EPS CONTACT: Michele Swidowski PHONE NO.: 315 476-4410

CUSTODY TRANSFERS

	DATE	TIME		DATE	TIME
RELINQUISHED BY: (SAMPLER) Michele Swidowski	2/21/03	0746	RECEIVED BY:		
RELINQUISHED BY:			RECEIVED BY:		
RELINQUISHED BY:			RECEIVED AT LAB BY:	2/21	7:46 AM

White - LABORATORY

Environmental Products & Services, Inc.

(315) 471-0503 / (800) 843-8265

CHAIN OF CUSTODY RECORD

EPS LAB LOG NO. E03-09

JOB NUMBER: 0126 PIN NUMBER:

P.O. NUMBER: 38946 SPILL NUMBER:

LABORATORY: ELS

ADDRESS: N. SYRACUSE, NY

PHONE NO.: 315 458-8033

REPORTING REQUIREMENTS (other than mail)

☐ PHONE NO.: pick up

☐ FAX NO.:

TURN AROUND TIME (CALL AHEAD FOR APPROVAL FOR RUSH)

24-HOUR ☐
48-HOUR ☐
NORMAL ☒
OTHER ☐ _____

LAB APPROVAL BY: _____

SPECIAL DETECTION LIMITS ☐ Yes ☒ No

(Specify)

SPECIAL QA/QC LEVEL Yes ☐ No ☒

(Specify)

WASTE SAMPLE Yes ☐ No ☒

Sample(s) State of Origin:

CT ☐
DE ☐
MA ☐
MD ☐
NH ☐
NJ ☐
NY ☒
PA ☐
RI ☐
VT ☐
— ☐

CONTAINER TYPE:

V - VOA VIALS
G - GLASS
P - PLASTIC
O - OTHER

SAMPLE TYPE:

G - GRAB
C - COMPOSITE
W - WIPE
SS - SURFACE SCRAPE
O - OTHER (SPECIFY)

ANALYSIS REQUESTED

CORROS ☐ FLASH ☐ REACT ☐ pH ☐
TCLP: METALS ☐ VOA ☐ SEMI-VOA ☐
TCLP: PEST ☐ HERB ☐
TOTAL METALS ☐ SPECIFY:
OIL AND GREASE: EPA 413.1 ☐
PH: GRO ☐ DRO ☐ TPH GC ☐
TPH: EPA 418.1(IR) ☐ NYS DOH 310-13 (GC) ☐
EPA 503.1 ☐ EPA 524 ☐ W/ MTBE ☐ 8260 TICs
EPA 601 ☐ EPA 8010 ☐ EPA 602 ☐ W/ MTBE ☐
EPA 602 ☐ EPA 8020 ☐ BTEX ☐ W/ MTBE ☐
EPA 608 ☐ EPA 8080 ☐ PCB ONLY ☐
EPA 624 ☐ EPA 8240 ☐ EPA 8260 ☐
EPA 625 ☐ EPA 8270 ☐ EPA 8270 BN/A ☐
TOTAL CYANIDE ☒
RCRA 8 METALS ☒
SOLVENTS - 8010 BY 8021 ☒

SAMPLE I.D./ DESCRIPTION	DATE	TIME	CONTAINER Number	CONTAINER Size	CONTAINER Type (See Code)	MATRIX Groundwater	MATRIX Soil	MATRIX Sludge	MATRIX Other	TYPE (ENTER CODE)	PRESERVATIVE HCl	PRESERVATIVE HNO3	PRESERVATIVE H2SO4	PRESERVATIVE Ice (4°C)	PRESERVATIVE Teflon Liner	PRESERVATIVE Filtered	PRESERVATIVE Other
Item-1 (11.0')	2/20/03	1610	1	4 oz	G		X			G				X			
Item-1 (11.0')		1610	1	4 oz	G		X			G				X			
Item-1 (11.0')	↓	1610	1	4 oz	G		X			G				X			

SITE ADDRESS

Axiohm
950 Danby Rd.

SPECIAL INSTRUCTIONS

Quote 1993
Sort by Sample ID (12)

COMMENTS/ SAMPLING POINT(S)

EPS CONTACT: Michel Swidzinski

PHONE NO.: 315 446-7410 151

CUSTODY TRANSFERS

	DATE	TIME
RELINQUISHED BY (SAMPLER): M Swidzinski	2/21/03	0746
RELINQUISHED BY:		
RELINQUISHED BY:		

	DATE	TIME
RECEIVED BY:		
RECEIVED BY:		
RECEIVED AT LAB BY:		

10:37

Environmental
LABORATORY SERVICES

7280 Caswell Street, Hancock Air Park, North Syracuse, NY 13212
(315) 458-8033, FAX (315) 458-0249, (800) 842-4667

Certified in:
• Connecticut
• Delaware
• Maryland
• Massachusetts
• New Hampshire
• New Jersey
• New York
• Pennsylvania
• Rhode Island

EPS - GEOSCIENCE
7280 Caswell Street

North Syracuse, NY 13212
ATTN: Ms. Michelle Swidowski

PO#: 88960

PROJECT #: 204156
RECEIVED: 03/14/2003
LAB LOG#: Z03-11

Site Address:
AXIOHM
950 DANBY ROAD
ITHACA, NY

CLIENT JOB NUMBER: Z0126

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 341349 CLIENT SAMPLE ID:	CHEM-3 (4'-5')			DATE SAMPLED:	03/14/03
CYANIDE, TOTAL	0.051	MG/KG	03/19/03	EPA 9010	ELAP#11246
MERCURY	<0.042	MG/KG DRY WT.	03/21/03	EPA 7471A	NSH
RCRA METALS					
arsenic	<10.5	MG/KG DRY WT.	03/19/03	EPA 6010	NSH
barium	27.6	MG/KG DRY WT.	03/19/03	EPA 6010	NSH
cadmium	0.52	MG/KG DRY WT.	03/19/03	EPA 6010	NSH
chromium	25.1	MG/KG DRY WT.	03/19/03	EPA 6010	NSH
lead	12.8	MG/KG DRY WT.	03/19/03	EPA 6010	NSH
selenium	<10.5	MG/KG DRY WT.	03/19/03	EPA 6010	NSH
silver	<0.53	MG/KG DRY WT.	03/19/03	EPA 6010	NSH
Metals Digestion			03/18/03	EPA 3050B	BDR
Semi-Volatile - 8270 B/N					
1,2,4-trichlorobenzene	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
1,2-dichlorobenzene	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
1,2-diphenylhydrazine	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
1,2-Diphenylhydrazine breaks down in the injection port. It is analyzed and reported as Azobenzene.					
1,3-dichlorobenzene	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
1,4-dichlorobenzene	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
2,4-dinitrotoluene	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
2,6-dinitrotoluene	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
2-chloronaphthalene	<0.06	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
2-methylnaphthalene	<0.06	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
2-nitroaniline	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
3,3'-dichlorobenzidine	<1.20	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
3-nitroaniline	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
4-bromophenyl phenyl ether	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
4-chloroaniline	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
4-chlorophenyl phenyl ether	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
4-nitroaniline	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
acenaphthene	<0.06	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
acenaphthylene	<0.06	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE

Environmental
LABORATORY SERVICES

7280 Caswell Street, Hancock Air Park, North Syracuse, NY 13212
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• New Jersey
• New York
• Pennsylvania
• Rhode Island

EPS - GEOSCIENCE
7280 Caswell Street

North Syracuse, NY 13212
ATTN: Ms. Michelle Swidowski

PO#: 88960

PROJECT #: 204156
RECEIVED: 03/14/2003
LAB LOG#: Z03-11

Site Address:
AXIOHM
950 DANBY ROAD
ITHACA, NY

CLIENT JOB NUMBER: Z0126

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 341349 CLIENT SAMPLE ID:	CHEM-3 (4'-5')			DATE SAMPLED:	03/14/03
CYANIDE, TOTAL	0.051	MG/KG	03/19/03	EPA 9010	ELAP#11246
MERCURY	<0.042	MG/KG DRY WT.	03/21/03	EPA 7471A	NSH
RCRA METALS					
arsenic	<10.5	MG/KG DRY WT.	03/19/03	EPA 6010	NSH
barium	27.6	MG/KG DRY WT.	03/19/03	EPA 6010	NSH
cadmium	0.52	MG/KG DRY WT.	03/19/03	EPA 6010	NSH
chromium	25.1	MG/KG DRY WT.	03/19/03	EPA 6010	NSH
lead	12.8	MG/KG DRY WT.	03/19/03	EPA 6010	NSH
selenium	<10.5	MG/KG DRY WT.	03/19/03	EPA 6010	NSH
silver	<0.53	MG/KG DRY WT.	03/19/03	EPA 6010	NSH
Metals Digestion			03/18/03	EPA 3050B	BDR
Semi-Volatile - 8270 B/N					
1,2,4-trichlorobenzene	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
1,2-dichlorobenzene	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
1,2-diphenylhydrazine	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
1,2-Diphenylhydrazine breaks down in the injection port. It is analyzed and reported as Azobenzene.					
1,3-dichlorobenzene	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
1,4-dichlorobenzene	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
2,4-dinitrotoluene	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
2,6-dinitrotoluene	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
2-chloronaphthalene	<0.06	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
2-methylnaphthalene	<0.06	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
2-nitroaniline	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
3,3`-dichlorobenzidine	<1.20	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
3-nitroaniline	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
4-bromophenyl phenyl ether	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
4-chloroaniline	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
4-chlorophenyl phenyl ether	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
4-nitroaniline	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
acenaphthene	<0.06	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
acenaphthylene	<0.06	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE

EPS - GEOSCIENCE
7280 Caswell Street

North Syracuse, NY 13212
ATTN: Ms. Michelle Swidowski

PO#: 88960

CLIENT JOB NUMBER: Z0126

PROJECT #: 204156
RECEIVED: 03/14/2003
LAB LOG#: Z03-11

Site Address:
AXIOHM
950 DANBY ROAD
ITHACA, NY

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 341349 CLIENT SAMPLE ID:	CHEM-3 (4'-5')			DATE SAMPLED:	03/14/03
Semi-Volatile - 8270 B/N					
aniline	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
anthracene	<0.06	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
benzo(a)anthracene	<0.06	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
benzo(a)pyrene	<0.06	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
benzo(b)fluoranthene	<0.06	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
benzo(g,h,i)perylene	<0.06	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
benzo(k)fluoranthene	<0.06	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
benzyl alcohol	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
bis(2-chloroethoxy)methane	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
bis(2-chloroethyl) ether	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
bis(2-ethylhexyl) phthalate	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
butyl benzyl phthalate	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
chrysene	<0.06	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
dibenz(a,h)anthracene	<0.06	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
dibenzofuran	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
diethyl phthalate	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
dimethyl phthalate	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
di-n-butyl phthalate	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
di-n-octyl phthalate	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
fluoranthene	<0.06	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
fluorene	<0.06	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
hexachlorobenzene	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
hexachlorobutadiene	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
hexachlorocyclopentadiene	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
hexachloroethane	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
indeno(1,2,3-cd)pyrene	<0.06	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
isophorone	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
naphthalene	<0.06	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
nitrobenzene	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
n-nitrosodimethylamine	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
n-nitrosodiphenylamine	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
n-nitrosodipropylamine	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
phenanthrene	<0.06	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
pyrene	<0.06	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
pyridine	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
Solid Soxhlet Extraction			03/19/03	EPA 3540C	MNE
SOLIDS, TOTAL	97	PERCENT	03/18/03	SM18 2540B	CSA
Volatile - 8010 LIST BY 8021					
1,1,1-trichloroethane	<0.100	MG/KG DRY WT.	03/24/03	EPA 8260	SWE

EPS - GEOSCIENCE
7280 Caswell Street

North Syracuse, NY 13212
ATTN: Ms. Michelle Swidowski

PO#: 88960

CLIENT JOB NUMBER: Z0126

PROJECT #: 204156
RECEIVED: 03/14/2003
LAB LOG#: Z03-11

Site Address:
AXIOHM
950 DANBY ROAD
ITHACA, NY

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 341349 CLIENT SAMPLE ID:	CHEM-3 (4'-5')			DATE SAMPLED:	03/14/03
Volatile - 8010 LIST BY 8021					
1,1,2,2-tetrachloroethane	<0.100	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
1,1,2-trichloroethane	<0.100	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
1,1-dichloroethane	<0.100	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
1,1-dichloroethene	<0.100	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
1,2-dichlorobenzene	<0.100	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
1,2-dichloroethane	<0.100	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
1,2-dichloropropane	<0.100	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
1,3-dichlorobenzene	<0.100	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
1,4-dichlorobenzene	<0.100	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
2-chloroethylvinyl ether	<0.500	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
bromodichloromethane	<0.100	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
bromoform	<0.100	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
bromomethane	<0.500	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
carbon tetrachloride	<0.100	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
chlorobenzene	<0.100	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
chloroethane	<0.500	MG/KG DRY WT.	03/24/03	EPA 8260	SV
chloroform	<0.100	MG/KG DRY WT.	03/24/03	EPA 8260	SW
chloromethane	<0.500	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
cis-1,3-dichloropropene	<0.0500	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
dibromochloromethane	<0.100	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
dichlorodifluoromethane	<0.500	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
methylene chloride	<0.100	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
tetrachloroethene	<0.100	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
trans-1,2-dichloroethene	<0.100	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
trans-1,3-dichloropropene	<0.0500	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
trichloroethene	4.28	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
trichlorofluoromethane	<0.100	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
vinyl chloride	<0.100	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
Volatile - 8260 TAGM LIST W/ MTBE					
1,1,1-trichloroethane	<0.100	MG/KG DRY WT.	03/26/03	EPA 8260B	SWE
1,1,2,2-tetrachloroethane	<0.100	MG/KG DRY WT.	03/26/03	EPA 8260B	SWE
1,1-dichloroethane	<0.100	MG/KG DRY WT.	03/26/03	EPA 8260B	SWE
1,1-dichloroethene	<0.100	MG/KG DRY WT.	03/26/03	EPA 8260B	SWE
1,2,3-trichloropropane	<0.100	MG/KG DRY WT.	03/26/03	EPA 8260B	SWE
1,2,4-trichlorobenzene	<0.100	MG/KG DRY WT.	03/26/03	EPA 8260B	SWE
1,2-dichlorobenzene	<0.100	MG/KG DRY WT.	03/26/03	EPA 8260B	SWE
1,2-dichloroethane	<0.100	MG/KG DRY WT.	03/26/03	EPA 8260B	SWE
1,3-dichlorobenzene	<0.100	MG/KG DRY WT.	03/26/03	EPA 8260B	SWE
1,3-dichloropropane	<0.100	MG/KG DRY WT.	03/26/03	EPA 8260B	SWE
1,4-dichlorobenzene	<0.100	MG/KG DRY WT.	03/26/03	EPA 8260B	SWE

EPS - GEOSCIENCE
7280 Caswell Street

North Syracuse, NY 13212
ATTN: Ms. Michelle Swidowski

PO#: 88960

CLIENT JOB NUMBER: Z0126

PROJECT #: 204156
RECEIVED: 03/14/2003
LAB LOG#: Z03-11

Site Address:
AXIOHM
950 DANBY ROAD
ITHACA, NY

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 341349 CLIENT SAMPLE ID:	CHEM-3 (4'-5')			DATE SAMPLED:	03/14/03
Volatile - 8260 TAGM LIST W/ MTBE					
2-butanone	<0.500	MG/KG DRY WT.	03/26/03	EPA 8260B	SWE
4-methyl-2-pentanone	<0.500	MG/KG DRY WT.	03/26/03	EPA 8260B	SWE
acetone	<0.500	MG/KG DRY WT.	03/26/03	EPA 8260B	SWE
benzene	<0.100	MG/KG DRY WT.	03/26/03	EPA 8260B	SWE
carbon disulfide	<0.100	MG/KG DRY WT.	03/26/03	EPA 8260B	SWE
carbon tetrachloride	<0.100	MG/KG DRY WT.	03/26/03	EPA 8260B	SWE
chlorobenzene	<0.100	MG/KG DRY WT.	03/26/03	EPA 8260B	SWE
chloroethane	<0.500	MG/KG DRY WT.	03/26/03	EPA 8260B	SWE
chloroform	<0.100	MG/KG DRY WT.	03/26/03	EPA 8260B	SWE
dibromochloromethane	<0.100	MG/KG DRY WT.	03/26/03	EPA 8260B	SWE
ethylbenzene	<0.100	MG/KG DRY WT.	03/26/03	EPA 8260B	SWE
methylene chloride	<0.100	MG/KG DRY WT.	03/26/03	EPA 8260B	SWE
mtbe	0.269	MG/KG DRY WT.	03/26/03	EPA 8260B	SWE
tetrachloroethene	<0.100	MG/KG DRY WT.	03/26/03	EPA 8260B	SWE
toluene	<0.100	MG/KG DRY WT.	03/26/03	EPA 8260B	SWE
trans-1,2-dichloroethene	<0.100	MG/KG DRY WT.	03/26/03	EPA 8260B	SWE
trichloroethene	4.32	MG/KG DRY WT.	03/26/03	EPA 8260B	SWE
trichlorofluoromethane	<0.100	MG/KG DRY WT.	03/26/03	EPA 8260B	SWE
vinyl chloride	<0.200	MG/KG DRY WT.	03/26/03	EPA 8260B	SWE
xylene, m+p	0.116	MG/KG DRY WT.	03/26/03	EPA 8260B	SWE
xylene, o	<0.100	MG/KG DRY WT.	03/26/03	EPA 8260B	SWE
Soil Extraction for Volatiles			03/14/03	EPA 5035	SWE
SAMPLE #: 341350 CLIENT SAMPLE ID:	CHEM-4 (2'-4')			DATE SAMPLED:	03/14/03
CYANIDE, TOTAL	0.074	MG/KG	03/19/03	EPA 9010	ELAP#11246
MERCURY	<0.046	MG/KG DRY WT.	03/21/03	EPA 7471A	NSH
RCRA METALS					
arsenic	12.5	MG/KG DRY WT.	03/19/03	EPA 6010	NSH
barium	30.0	MG/KG DRY WT.	03/19/03	EPA 6010	NSH
cadmium	0.58	MG/KG DRY WT.	03/19/03	EPA 6010	NSH
chromium	25.6	MG/KG DRY WT.	03/19/03	EPA 6010	NSH
lead	12.8	MG/KG DRY WT.	03/19/03	EPA 6010	NSH
selenium	<11.3	MG/KG DRY WT.	03/19/03	EPA 6010	NSH
silver	<0.57	MG/KG DRY WT.	03/19/03	EPA 6010	NSH
Metals Digestion			03/18/03	EPA 3050B	BDR
Semi-Volatile - 8270 B/N					
1,2,4-trichlorobenzene	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
1,2-dichlorobenzene	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
1,2-diphenylhydrazine	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE

EPS - GEOSCIENCE
7280 Caswell Street

North Syracuse, NY 13212
ATTN: Ms. Michelle Swidowski

PO#: 88960

CLIENT JOB NUMBER: Z0126

PROJECT #: 204156
RECEIVED: 03/14/2003
LAB LOG#: Z03-11

Site Address:
AXIOHM
950 DANBY ROAD
ITHACA, NY

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 341350 CLIENT SAMPLE ID: CHEM-4 (2'-4')				DATE SAMPLED:	03/14/03
Semi-Volatile - 8270 B/N					
1,2-Diphenylhydrazine breaks down in the injection port. It is analyzed and reported as Azobenzene.					
1,3-dichlorobenzene	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
1,4-dichlorobenzene	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
2,4-dinitrotoluene	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
2,6-dinitrotoluene	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
2-chloronaphthalene	<0.06	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
2-methylnaphthalene	<0.06	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
2-nitroaniline	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
3,3'-dichlorobenzidine	<1.20	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
3-nitroaniline	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
4-bromophenyl phenyl ether	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
4-chloroaniline	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
4-chlorophenyl phenyl ether	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
4-nitroaniline	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
acenaphthene	<0.06	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
acenaphthylene	<0.06	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
aniline	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SW
anthracene	<0.06	MG/KG DRY WT.	03/24/03	EPA 8270C	SW
benzo(a)anthracene	<0.06	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
benzo(a)pyrene	<0.06	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
benzo(b)fluoranthene	<0.06	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
benzo(g,h,i)perylene	<0.06	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
benzo(k)fluoranthene	<0.06	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
benzyl alcohol	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
bis(2-chloroethoxy)methane	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
bis(2-chloroethyl) ether	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
bis(2-ethylhexyl) phthalate	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
butyl benzyl phthalate	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
chrysene	<0.06	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
dibenz(a,h)anthracene	<0.06	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
dibenzofuran	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
diethyl phthalate	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
dimethyl phthalate	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
di-n-butyl phthalate	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
di-n-octyl phthalate	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
fluoranthene	<0.06	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
fluorene	<0.06	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
hexachlorobenzene	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
hexachlorobutadiene	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
hexachlorocyclopentadiene	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE

EPS - GEOSCIENCE
7280 Caswell Street

North Syracuse, NY 13212
ATTN: Ms. Michelle Swidowski

PO#: 88960

CLIENT JOB NUMBER: Z0126

PROJECT #: 204156
RECEIVED: 03/14/2003
LAB LOG#: Z03-11

Site Address:
AXIOHM
950 DANBY ROAD
ITHACA, NY

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 341350 CLIENT SAMPLE ID:	CHEM-4 (2'-4')			DATE SAMPLED:	03/14/03
Semi-Volatile - 8270 B/N					
hexachloroethane	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
indeno(1,2,3-cd)pyrene	<0.06	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
isophorone	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
naphthalene	<0.06	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
nitrobenzene	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
n-nitrosodimethylamine	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
n-nitrosodiphenylamine	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
n-nitrosodipropylamine	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
phenanthrene	<0.06	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
pyrene	<0.06	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
pyridine	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
Solid Soxhlet Extraction			03/19/03	EPA 3540C	MNE
SOLIDS, TOTAL	85	PERCENT	03/18/03	SM18 2540B	CSA
Volatile - 8010 LIST BY 8021					
1,1,1-trichloroethane	<0.100	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
1,1,2,2-tetrachloroethane	<0.100	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
1,1,2-trichloroethane	<0.100	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
1,1-dichloroethane	<0.100	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
1,1-dichloroethene	<0.100	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
1,2-dichlorobenzene	<0.100	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
1,2-dichloroethane	<0.100	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
1,2-dichloropropane	<0.100	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
1,3-dichlorobenzene	<0.100	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
1,4-dichlorobenzene	<0.100	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
2-chloroethylvinyl ether	<0.500	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
bromodichloromethane	<0.100	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
bromoform	<0.100	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
bromomethane	<0.500	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
carbon tetrachloride	<0.100	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
chlorobenzene	<0.100	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
chloroethane	<0.500	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
chloroform	<0.100	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
chloromethane	<0.500	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
cis-1,3-dichloropropene	<0.0500	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
dibromochloromethane	<0.100	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
dichlorodifluoromethane	<0.500	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
methylene chloride	<0.100	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
tetrachloroethene	<0.100	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
trans-1,2-dichloroethene	<0.100	MG/KG DRY WT.	03/24/03	EPA 8260	SWE

EPS - GEOSCIENCE
7280 Caswell Street

North Syracuse, NY 13212
ATTN: Ms. Michelle Swidowski

PO#: 88960

CLIENT JOB NUMBER: Z0126

PROJECT #: 204156
RECEIVED: 03/14/2003
LAB LOG#: Z03-11

Site Address:
AXIOHM
950 DANBY ROAD
ITHACA, NY

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 341350 CLIENT SAMPLE ID: CHEM-4 (2'-4')				DATE SAMPLED:	03/14/03
Volatile - 8010 LIST BY 8021					
trans-1,3-dichloropropene	<0.0500	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
trichloroethene	<0.100	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
trichlorofluoromethane	<0.100	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
vinyl chloride	<0.100	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
Volatile - 8260 TAGM LIST W/ MTBE					
1,1,1-trichloroethane	<0.100	MG/KG DRY WT.	03/26/03	EPA 8260B	SWE
1,1,2,2-tetrachloroethane	<0.100	MG/KG DRY WT.	03/26/03	EPA 8260B	SWE
1,1-dichloroethane	<0.100	MG/KG DRY WT.	03/26/03	EPA 8260B	SWE
1,1-dichloroethene	<0.100	MG/KG DRY WT.	03/26/03	EPA 8260B	SWE
1,2,3-trichloropropane	<0.100	MG/KG DRY WT.	03/26/03	EPA 8260B	SWE
1,2,4-trichlorobenzene	<0.100	MG/KG DRY WT.	03/26/03	EPA 8260B	SWE
1,2-dichlorobenzene	<0.100	MG/KG DRY WT.	03/26/03	EPA 8260B	SWE
1,2-dichloroethane	<0.100	MG/KG DRY WT.	03/26/03	EPA 8260B	SWE
1,3-dichlorobenzene	<0.100	MG/KG DRY WT.	03/26/03	EPA 8260B	SWE
1,3-dichloropropane	<0.100	MG/KG DRY WT.	03/26/03	EPA 8260B	SWE
1,4-dichlorobenzene	<0.100	MG/KG DRY WT.	03/26/03	EPA 8260B	SWE
2-bulanone	<0.500	MG/KG DRY WT.	03/26/03	EPA 8260B	SWE
4-methyl-2-pentanone	<0.500	MG/KG DRY WT.	03/26/03	EPA 8260B	SWE
acetone	<0.500	MG/KG DRY WT.	03/26/03	EPA 8260B	SWE
benzene	<0.100	MG/KG DRY WT.	03/26/03	EPA 8260B	SWE
carbon disulfide	<0.100	MG/KG DRY WT.	03/26/03	EPA 8260B	SWE
carbon tetrachloride	<0.100	MG/KG DRY WT.	03/26/03	EPA 8260B	SWE
chlorobenzene	<0.100	MG/KG DRY WT.	03/26/03	EPA 8260B	SWE
chloroethane	<0.500	MG/KG DRY WT.	03/26/03	EPA 8260B	SWE
chloroform	<0.100	MG/KG DRY WT.	03/26/03	EPA 8260B	SWE
dibromochloromethane	<0.100	MG/KG DRY WT.	03/26/03	EPA 8260B	SWE
ethylbenzene	<0.100	MG/KG DRY WT.	03/26/03	EPA 8260B	SWE
methylene chloride	<0.100	MG/KG DRY WT.	03/26/03	EPA 8260B	SWE
mtbe	<0.100	MG/KG DRY WT.	03/26/03	EPA 8260B	SWE
tetrachloroethene	<0.100	MG/KG DRY WT.	03/26/03	EPA 8260B	SWE
toluene	<0.100	MG/KG DRY WT.	03/26/03	EPA 8260B	SWE
trans-1,2-dichloroethene	<0.100	MG/KG DRY WT.	03/26/03	EPA 8260B	SWE
trichloroethene	<0.100	MG/KG DRY WT.	03/26/03	EPA 8260B	SWE
trichlorofluoromethane	<0.100	MG/KG DRY WT.	03/26/03	EPA 8260B	SWE
vinyl chloride	<0.200	MG/KG DRY WT.	03/26/03	EPA 8260B	SWE
xylene, m+p	0.113	MG/KG DRY WT.	03/26/03	EPA 8260B	SWE
xylene, o	<0.100	MG/KG DRY WT.	03/26/03	EPA 8260B	SWE
Soil Extraction for Volatiles			03/14/03	EPA 5035	SWE
SAMPLE #: 341351 CLIENT SAMPLE ID: CHEM-5 (4'-5')				DATE SAMPLED:	03/14/03

Environmental
LABORATORY SERVICES

EPS - GEOSCIENCE
7280 Caswell Street

North Syracuse, NY 13212
ATTN: Ms. Michelle Swidowski

PO#: 88960

PROJECT #: 204156
RECEIVED: 03/14/2003
LAB LOG#: Z03-11

Site Address:
AXIOHM
950 DANBY ROAD
ITHACA, NY

CLIENT JOB NUMBER: Z0126

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 341351 CLIENT SAMPLE ID:	CHEM-5 (4'-5')			DATE SAMPLED:	03/14/03
CYANIDE, TOTAL	0.219	MG/KG	03/19/03	EPA 9010	ELAP#11246
MERCURY	<0.043	MG/KG DRY WT.	03/21/03	EPA 7471A	NSH
RCRA METALS					
arsenic	<10.7	MG/KG DRY WT.	03/19/03	EPA 6010	NSH
barium	41.0	MG/KG DRY WT.	03/19/03	EPA 6010	NSH
cadmium	0.54	MG/KG DRY WT.	03/19/03	EPA 6010	NSH
chromium	25.9	MG/KG DRY WT.	03/19/03	EPA 6010	NSH
lead	20.8	MG/KG DRY WT.	03/19/03	EPA 6010	NSH
selenium	<10.7	MG/KG DRY WT.	03/19/03	EPA 6010	NSH
silver	<0.53	MG/KG DRY WT.	03/19/03	EPA 6010	NSH
Metals Digestion			03/18/03	EPA 3050B	BDR
Semi-Volatile - 8270 B/N					
1,2,4-trichlorobenzene	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
1,2-dichlorobenzene	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
1,2-diphenylhydrazine	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
1,1-Diphenylhydrazine breaks down in the injection port. It is analyzed and reported as Azobenzene.					
1,3-dichlorobenzene	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
1,4-dichlorobenzene	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
2,4-dinitrotoluene	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
2,6-dinitrotoluene	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
2-chloronaphthalene	<0.06	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
2-methylnaphthalene	<0.06	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
2-nitroaniline	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
3,3`-dichlorobenzidine	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
3-nitroaniline	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
4-bromophenyl phenyl ether	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
4-chloroaniline	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
4-chlorophenyl phenyl ether	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
4-nitroaniline	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
acenaphthene	<0.06	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
acenaphthylene	<0.06	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
aniline	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
anthracene	<0.06	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
benzo(a)anthracene	<0.06	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
benzo(a)pyrene	<0.06	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
benzo(b)fluoranthene	<0.06	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
benzo(g,h,i)perylene	<0.06	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
benzo(k)fluoranthene	<0.06	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
benzyl alcohol	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
bis(2-chloroethoxy)methane	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE

EPS - GEOSCIENCE
7280 Caswell Street

North Syracuse, NY 13212
ATTN: Ms. Michelle Swidowski

PO#: 88960

CLIENT JOB NUMBER: Z0126

PROJECT #: 204156
RECEIVED: 03/14/2003
LAB LOG#: Z03-11

Site Address:
AXIOHM
950 DANBY ROAD
ITHACA, NY

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 341351 CLIENT SAMPLE ID:	CHEM-5 (4'-5')			DATE SAMPLED:	03/14/03
Semi-Volatile - 8270 B/N					
bis(2-chloroethyl) ether	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
bis(2-ethylhexyl) phthalate	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
butyl benzyl phthalate	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
chrysene	<0.06	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
dibenz(a,h)anthracene	<0.06	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
dibenzofuran	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
diethyl phthalate	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
dimethyl phthalate	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
di-n-butyl phthalate	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
di-n-octyl phthalate	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
fluoranthene	<0.06	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
fluorene	<0.06	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
hexachlorobenzene	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
hexachlorobutadiene	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
hexachlorocyclopentadiene	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
hexachloroethane	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
indeno(1,2,3-cd)pyrene	<0.06	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
isophorone	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
naphthalene	<0.06	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
nitrobenzene	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
n-nitrosodimethylamine	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
n-nitrosodiphenylamine	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
n-nitrosodipropylamine	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
phenanthrene	<0.06	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
pyrene	<0.06	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
pyridine	<0.30	MG/KG DRY WT.	03/24/03	EPA 8270C	SWE
Solid Soxhlet Extraction			03/19/03	EPA 3540C	MNE
SOLIDS, TOTAL	95	PERCENT	03/18/03	SM18 2540B	CSA
Volatile - 8010 LIST BY 8021					
1,1,1-trichloroethane	<0.100	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
1,1,2,2-tetrachloroethane	<0.100	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
1,1,2-trichloroethane	<0.100	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
1,1-dichloroethane	<0.100	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
1,1-dichloroethene	<0.100	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
1,2-dichlorobenzene	<0.100	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
1,2-dichloroethane	<0.100	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
1,2-dichloropropane	<0.100	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
1,3-dichlorobenzene	<0.100	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
1,4-dichlorobenzene	<0.100	MG/KG DRY WT.	03/24/03	EPA 8260	SWE

EPS - GEOSCIENCE
7280 Caswell Street

North Syracuse, NY 13212
ATTN: Ms. Michelle Swidowski

PO#: 88960

CLIENT JOB NUMBER: Z0126

PROJECT #: 204156
RECEIVED: 03/14/2003
LAB LOG#: Z03-11

Site Address:
AXIOHM
950 DANBY ROAD
ITHACA, NY

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 341351 CLIENT SAMPLE ID:	CHEM-5 (4'-5')			DATE SAMPLED:	03/14/03
Volatile - 8010 LIST BY 8021					
2-chloroethylvinyl ether	<0.500	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
bromodichloromethane	<0.100	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
bromoform	<0.100	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
bromomethane	<0.500	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
carbon tetrachloride	<0.100	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
chlorobenzene	<0.100	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
chloroethane	<0.500	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
chloroform	<0.100	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
chloromethane	<0.500	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
cis-1,3-dichloropropene	<0.0500	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
dibromochloromethane	<0.100	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
dichlorodifluoromethane	<0.500	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
methylene chloride	<0.100	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
tetrachloroethene	<0.100	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
trans-1,2-dichloroethene	<0.100	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
trans-1,3-dichloropropene	<0.0500	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
trichloroethene	0.845	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
trichlorofluoromethane	<0.100	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
vinyl chloride	<0.100	MG/KG DRY WT.	03/24/03	EPA 8260	SWE
Volatile - 8260 TAGM LIST W/ MTBE					
1,1,1-trichloroethane	<0.100	MG/KG DRY WT.	03/27/03	EPA 8260B	SWE
1,1,2,2-tetrachloroethane	<0.100	MG/KG DRY WT.	03/27/03	EPA 8260B	SWE
1,1-dichloroethane	<0.100	MG/KG DRY WT.	03/27/03	EPA 8260B	SWE
1,1-dichloroethene	<0.100	MG/KG DRY WT.	03/27/03	EPA 8260B	SWE
1,2,3-trichloropropane	<0.100	MG/KG DRY WT.	03/27/03	EPA 8260B	SWE
1,2,4-trichlorobenzene	<0.100	MG/KG DRY WT.	03/27/03	EPA 8260B	SWE
1,2-dichlorobenzene	<0.100	MG/KG DRY WT.	03/27/03	EPA 8260B	SWE
1,2-dichloroethane	<0.100	MG/KG DRY WT.	03/27/03	EPA 8260B	SWE
1,3-dichlorobenzene	<0.100	MG/KG DRY WT.	03/27/03	EPA 8260B	SWE
1,3-dichloropropane	<0.100	MG/KG DRY WT.	03/27/03	EPA 8260B	SWE
1,4-dichlorobenzene	<0.100	MG/KG DRY WT.	03/27/03	EPA 8260B	SWE
2-butanone	<0.500	MG/KG DRY WT.	03/27/03	EPA 8260B	SWE
4-methyl-2-pentanone	<0.500	MG/KG DRY WT.	03/27/03	EPA 8260B	SWE
acetone	<0.500	MG/KG DRY WT.	03/27/03	EPA 8260B	SWE
benzene	<0.100	MG/KG DRY WT.	03/27/03	EPA 8260B	SWE
carbon disulfide	<0.100	MG/KG DRY WT.	03/27/03	EPA 8260B	SWE
carbon tetrachloride	<0.100	MG/KG DRY WT.	03/27/03	EPA 8260B	SWE
chlorobenzene	<0.100	MG/KG DRY WT.	03/27/03	EPA 8260B	SWE
chloroethane	<0.500	MG/KG DRY WT.	03/27/03	EPA 8260B	SWE
chloroform	<0.100	MG/KG DRY WT.	03/27/03	EPA 8260B	SWE

EPS - GEOSCIENCE
7280 Caswell Street

North Syracuse, NY 13212
ATTN: Ms. Michelle Swidowski

PO#: 88960

PROJECT #: 204156
RECEIVED: 03/14/2003
LAB LOG#: Z03-11

Site Address:
AXIOHM
950 DANBY ROAD
ITHACA, NY

CLIENT JOB NUMBER: Z0126

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 341351 CLIENT SAMPLE ID:	CHEM-5 (4'-5')			DATE SAMPLED:	03/14/03
Volatile - 8260 TAGM LIST W/ MTBE					
dibromochloromethane	<0.100	MG/KG DRY WT.	03/27/03	EPA 8260B	SWE
ethylbenzene	<0.100	MG/KG DRY WT.	03/27/03	EPA 8260B	SWE
methylene chloride	<0.100	MG/KG DRY WT.	03/27/03	EPA 8260B	SWE
mtbe	<0.100	MG/KG DRY WT.	03/27/03	EPA 8260B	SWE
tetrachloroethene	<0.100	MG/KG DRY WT.	03/27/03	EPA 8260B	SWE
toluene	<0.100	MG/KG DRY WT.	03/27/03	EPA 8260B	SWE
trans-1,2-dichloroethene	<0.100	MG/KG DRY WT.	03/27/03	EPA 8260B	SWE
trichloroethene	0.695	MG/KG DRY WT.	03/27/03	EPA 8260B	SWE
trichlorofluoromethane	<0.100	MG/KG DRY WT.	03/27/03	EPA 8260B	SWE
vinyl chloride	<0.200	MG/KG DRY WT.	03/27/03	EPA 8260B	SWE
xylene, m+p	0.101	MG/KG DRY WT.	03/27/03	EPA 8260B	SWE
xylene, o	<0.100	MG/KG DRY WT.	03/27/03	EPA 8260B	SWE
Soil Extraction for Volatiles			03/14/03	EPA 5035	SWE

Wendy J. Umberger
Laboratory Director

03/28/2003
Print Date

All tests performed under NYS ELAP Laboratory Certification # 11375 unless otherwise stated.

Environmental
LABORATORY SERVICES

Environmental Products & Services, Inc.

(315) 471-0503 / (800) 843-8265

CHAIN OF CUSTODY RECORD

EPS LAB LOG NO. 703-11

JOB NUMBER: 70126 PIN NUMBER: --

P.O. NUMBER: 88960 SPILL NUMBER: --

LABORATORY: ELS

ADDRESS: N. SYRACUSE, NY

PHONE NO: 315 458-8033

REPORTING REQUIREMENTS (other than mail)

☐ PHONE NO.: Pick up

☐ FAX NO.:

TURN AROUND TIME (CALL AHEAD FOR APPROVAL FOR RUSH)

24-HOUR ☐

48-HOUR ☐

NORMAL ☒

OTHER ☐ _____

LAB APPROVAL BY: _____

SPECIAL DETECTION LIMITS ☐ Yes ☒ No

(Specify)

SPECIAL QA/QC LEVEL Yes ☐ No ☒

(Specify)

WASTE SAMPLE Yes ☐ No ☒

Sample(s) State of Origin: CT ☐ DE ☐ MA ☐ MD ☐ NH ☐ NJ ☐ NY ☒ PA ☐ RI ☐ VT ☐ — ☐

SAMPLE TYPE:
G - GRAB
C - COMPOSITE
W - WIPE
SS - SURFACE SCRAPE
O - OTHER (SPECIFY)

CONTAINER TYPE:
V - VOA VIALS
G - GLASS
P - PLASTIC
O - OTHER _____

ANALYSIS REQUESTED

SITE ADDRESS: 4Huhm 950 Danby Rd. Ithaca, NY

SPECIAL INSTRUCTIONS: Quote 1993 (Hem 8260-VOCs)

COMMENTS/ SAMPLING POINT(S)

SAMPLE I.D./ DESCRIPTION	DATE	TIME	CONTAINER Number	Size	Type (Enter Code)	MATRIX Groundwater	Soil	Sludge	Other	TYPE (ENTER CODE)	PRESERVATIVE HCl	HNO_3	H_2SO_4	Ice (4°C)	Teflon Liner	Filtered	Other
Hem-3(4'-5')	3/14	0932	2	8oz	G		X			G				X			
Hem-4(2'-4')	3/14	1010	2	4	G		X			G				X			
Hem-5(4'-5')	3/14	1106	2	8oz	G		X			G				X			

EPS CONTACT: Michele Swidowski PHONE NO.: 315 458-476-4140 X15

CUSTODY TRANSFERS

	DATE	TIME		DATE	TIME
RELINQUISHED BY: (SAMPLER) M. Swidowski	3/14/03	1351	RECEIVED BY:		
RELINQUISHED BY:			RECEIVED BY:		
RELINQUISHED BY:			RECEIVED AT LAB BY: K Rehmond		

Environmental
LABORATORY SERVICES

7280 Caswell Street, Hancock Air Park, North Syracuse, NY 13212
(315) 458-8033, FAX (315) 458-0249, (800) 842-4667

Certified in:
• Connecticut
• Delaware
• Maryland
• Massachusetts
• New Hampshire
• New Jersey
• New York
• Pennsylvania
• Rhode Island

EPS - GEOSCIENCE
7280 Caswell Street

North Syracuse, NY 13212
ATTN: Ms. Michelle Swidowski
PO#: 88975

PROJECT #: 204665
RECEIVED: 04/25/2003
LAB LOG#: Z03-14

Site Address:
AXIOHM
950 DANBY ROAD
ITHACA, NY 14850

CLIENT JOB NUMBER: Z0126

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 343913 CLIENT SAMPLE ID: MW-1				DATE SAMPLED:	04/25/03
Volatile - 8260 TAGM LIST W/ MTBE					
1,1,1-trichloroethane	<1.00	UG/L	04/25/03	EPA 8260B	MMA
1,1,2,2-tetrachloroethane	<1.00	UG/L	04/25/03	EPA 8260B	MMA
1,1-dichloroethane	<1.00	UG/L	04/25/03	EPA 8260B	MMA
1,1-dichloroethene	<1.00	UG/L	04/25/03	EPA 8260B	MMA
1,2,3-trichloropropane	<1.00	UG/L	04/25/03	EPA 8260B	MMA
1,2,4-trichlorobenzene	<1.00	UG/L	04/25/03	EPA 8260B	MM
1,2-dichlorobenzene	<1.00	UG/L	04/25/03	EPA 8260B	MI
1,2-dichloroethane	<1.00	UG/L	04/25/03	EPA 8260B	MMA
1,3-dichlorobenzene	<1.00	UG/L	04/25/03	EPA 8260B	MMA
1,3-dichloropropane	<1.00	UG/L	04/25/03	EPA 8260B	MMA
1,4-dichlorobenzene	<1.00	UG/L	04/25/03	EPA 8260B	MMA
2-butanone	<5.00	UG/L	04/25/03	EPA 8260B	MMA
4-methyl-2-pentanone	<5.00	UG/L	04/25/03	EPA 8260B	MMA
acetone	<5.00	UG/L	04/25/03	EPA 8260B	MMA
benzene	<1.00	UG/L	04/25/03	EPA 8260B	MMA
carbon disulfide	<1.00	UG/L	04/25/03	EPA 8260B	MMA
carbon tetrachloride	<1.00	UG/L	04/25/03	EPA 8260B	MMA
chlorobenzene	<1.00	UG/L	04/25/03	EPA 8260B	MMA
chloroethane	<5.00	UG/L	04/25/03	EPA 8260B	MMA
chloroform	<1.00	UG/L	04/25/03	EPA 8260B	MMA
dibromochloromethane	<1.00	UG/L	04/25/03	EPA 8260B	MMA
ethylbenzene	<1.00	UG/L	04/25/03	EPA 8260B	MMA
methylene chloride	<1.00	UG/L	04/25/03	EPA 8260B	MMA
mtbe	<1.00	UG/L	04/25/03	EPA 8260B	MMA
tetrachloroethene	<1.00	UG/L	04/25/03	EPA 8260B	MMA
toluene	<1.00	UG/L	04/25/03	EPA 8260B	MMA
trans-1,2-dichloroethene	<1.00	UG/L	04/25/03	EPA 8260B	MMA
trichloroethene	10.1	UG/L	04/25/03	EPA 8260B	MMA
trichlorofluoromethane	<1.00	UG/L	04/25/03	EPA 8260B	MMA
vinyl chloride	<2.00	UG/L	04/25/03	EPA 8260B	MMA
xylene, m+p	<1.00	UG/L	04/25/03	EPA 8260B	MMA

EPS - GEOSCIENCE
7280 Caswell Street

North Syracuse, NY 13212
ATTN: Ms. Michelle Swidowski

PO#: 88975

PROJECT #: 204665
RECEIVED: 04/25/2003
LAB LOG#: Z03-14

Site Address:
AXIOHM
950 DANBY ROAD
ITHACA, NY 14850

CLIENT JOB NUMBER: Z0126

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 343913 CLIENT SAMPLE ID: MW-1				DATE SAMPLED:	04/25/03
Volatile - 8260 TAGM LIST W/ MTBE					
xylene, o	<1.00	UG/L	04/25/03	EPA 8260B	MMA
SAMPLE #: 343914 CLIENT SAMPLE ID: MW-1				DATE SAMPLED:	04/25/03
Semi-Volatile - 8270 B/N					
1,2,4-trichlorobenzene	<5.00	UG/L	04/29/03	EPA 8270C	MMA
1,2-dichlorobenzene	<5.00	UG/L	04/29/03	EPA 8270C	MMA
1,2-diphenylhydrazine	<5.00	UG/L	04/29/03	EPA 8270C	MMA
1,2-Diphenylhydrazine breaks down in the injection port. It is analyzed and reported as Azobenzene.					
1,3-dichlorobenzene	<5.00	UG/L	04/29/03	EPA 8270C	MMA
1,4-dichlorobenzene	<5.00	UG/L	04/29/03	EPA 8270C	MMA
2,4-dinitrotoluene	<5.00	UG/L	04/29/03	EPA 8270C	MMA
2,6-dinitrotoluene	<5.00	UG/L	04/29/03	EPA 8270C	MMA
2-chloronaphthalene	<1.00	UG/L	04/29/03	EPA 8270C	MMA
2-methylnaphthalene	<1.00	UG/L	04/29/03	EPA 8270C	MMA
2-nitroaniline	<5.00	UG/L	04/29/03	EPA 8270C	MMA
3,3'-dichlorobenzidine	<20.0	UG/L	04/29/03	EPA 8270C	MMA
3-nitroaniline	<5.00	UG/L	04/29/03	EPA 8270C	MMA
4-bromophenyl phenyl ether	<5.00	UG/L	04/29/03	EPA 8270C	MMA
4-chloroaniline	<5.00	UG/L	04/29/03	EPA 8270C	MMA
4-chlorophenyl phenyl ether	<5.00	UG/L	04/29/03	EPA 8270C	MMA
4-nitroaniline	<5.00	UG/L	04/29/03	EPA 8270C	MMA
acenaphthene	<1.00	UG/L	04/29/03	EPA 8270C	MMA
acenaphthylene	<1.00	UG/L	04/29/03	EPA 8270C	MMA
aniline	<5.00	UG/L	04/29/03	EPA 8270C	MMA
anthracene	<1.00	UG/L	04/29/03	EPA 8270C	MMA
benzo(a)anthracene	<1.00	UG/L	04/29/03	EPA 8270C	MMA
benzo(a)pyrene	<1.00	UG/L	04/29/03	EPA 8270C	MMA
benzo(b)fluoranthene	<1.00	UG/L	04/29/03	EPA 8270C	MMA
benzo(g,h,i)perylene	<1.00	UG/L	04/29/03	EPA 8270C	MMA
benzo(k)fluoranthene	<1.00	UG/L	04/29/03	EPA 8270C	MMA
benzyl alcohol	<5.00	UG/L	04/29/03	EPA 8270C	MMA
bis(2-chloroethoxy)methane	<5.00	UG/L	04/29/03	EPA 8270C	MMA
bis(2-chloroethyl) ether	<5.00	UG/L	04/29/03	EPA 8270C	MMA
bis(2-ethylhexyl) phthalate	<5.00	UG/L	04/29/03	EPA 8270C	MMA
butyl benzyl phthalate	<5.00	UG/L	04/29/03	EPA 8270C	MMA
chrysene	<1.00	UG/L	04/29/03	EPA 8270C	MMA
dibenz(a,h)anthracene	<1.00	UG/L	04/29/03	EPA 8270C	MMA
dibenzofuran	<5.00	UG/L	04/29/03	EPA 8270C	MMA
diethyl phthalate	<5.00	UG/L	04/29/03	EPA 8270C	MMA

EPS - GEOSCIENCE
7280 Caswell Street

North Syracuse, NY 13212
ATTN: Ms. Michelle Swidowski

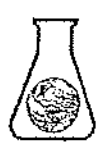
PO#: 88975

PROJECT #: 204665
RECEIVED: 04/25/2003
LAB LOG#: Z03-14

Site Address:
AXIOHM
950 DANBY ROAD
ITHACA, NY 14850

CLIENT JOB NUMBER: Z0126

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 343914 CLIENT SAMPLE ID: MW-1				DATE SAMPLED:	04/25/03
Semi-Volatile - 8270 B/N					
dimethyl phthalate	<5.00	UG/L	04/29/03	EPA 8270C	MMA
di-n-butyl phthalate	<5.00	UG/L	04/29/03	EPA 8270C	MMA
di-n-octyl phthalate	<5.00	UG/L	04/29/03	EPA 8270C	MMA
fluoranthene	<1.00	UG/L	04/29/03	EPA 8270C	MMA
fluorene	<1.00	UG/L	04/29/03	EPA 8270C	MMA
hexachlorobenzene	<5.00	UG/L	04/29/03	EPA 8270C	MMA
hexachlorobutadiene	<5.00	UG/L	04/29/03	EPA 8270C	MMA
hexachlorocyclopentadiene	<5.00	UG/L	04/29/03	EPA 8270C	MMA
hexachloroethane	<5.00	UG/L	04/29/03	EPA 8270C	MMA
indeno(1,2,3-cd)pyrene	<1.00	UG/L	04/29/03	EPA 8270C	MMA
isophorone	<5.00	UG/L	04/29/03	EPA 8270C	MMA
naphthalene	<1.00	UG/L	04/29/03	EPA 8270C	MMA
nitrobenzene	<5.00	UG/L	04/29/03	EPA 8270C	MMA
n-nitrosodimethylamine	<5.00	UG/L	04/29/03	EPA 8270C	MMA
n-nitrosodiphenylamine	<5.00	UG/L	04/29/03	EPA 8270C	MMA
n-nitrosodipropylamine	<5.00	UG/L	04/29/03	EPA 8270C	MMA
phenanthrene	<1.00	UG/L	04/29/03	EPA 8270C	MMA
pyrene	<1.00	UG/L	04/29/03	EPA 8270C	MMA
pyridine	<5.00	UG/L	04/29/03	EPA 8270C	MMA
Aqueous Separatory Funnel Extraction			04/28/03	EPA 3510C	MKE
SAMPLE #: 343915 CLIENT SAMPLE ID: MW-2				DATE SAMPLED:	04/25/03
Volatile - 8260 TAGM LIST W/ MTBE					
1,1,1-trichloroethane	<5.00	UG/L	04/29/03	EPA 8260B	MMA
1,1,2,2-tetrachloroethane	<5.00	UG/L	04/29/03	EPA 8260B	MMA
1,1-dichloroethane	7.40	UG/L	04/29/03	EPA 8260B	MMA
1,1-dichloroethene	<5.00	UG/L	04/29/03	EPA 8260B	MMA
1,2,3-trichloropropane	<5.00	UG/L	04/29/03	EPA 8260B	MMA
1,2,4-trichlorobenzene	<5.00	UG/L	04/29/03	EPA 8260B	MMA
1,2-dichlorobenzene	<5.00	UG/L	04/29/03	EPA 8260B	MMA
1,2-dichloroethane	<5.00	UG/L	04/29/03	EPA 8260B	MMA
1,3-dichlorobenzene	<5.00	UG/L	04/29/03	EPA 8260B	MMA
1,3-dichloropropane	<5.00	UG/L	04/29/03	EPA 8260B	MMA
1,4-dichlorobenzene	<5.00	UG/L	04/29/03	EPA 8260B	MMA
2-butanone	<5.00	UG/L	04/29/03	EPA 8260B	MMA
4-methyl-2-pentanone	<5.00	UG/L	04/29/03	EPA 8260B	MMA
acetone	<5.00	UG/L	04/29/03	EPA 8260B	MMA
benzene	<5.00	UG/L	04/29/03	EPA 8260B	MMA
carbon disulfide	<5.00	UG/L	04/29/03	EPA 8260B	MMA
carbon tetrachloride	<5.00	UG/L	04/29/03	EPA 8260B	MMA



Environmental
LABORATORY SERVICES

EPS - GEOSCIENCE
7280 Caswell Street

North Syracuse, NY 13212
ATTN: Ms. Michelle Swidowski

PO#: 88975

PROJECT #: 204665
RECEIVED: 04/25/2003
LAB LOG#: Z03-14

Site Address:
AXIOHM
950 DANBY ROAD
ITHACA, NY 14850

CLIENT JOB NUMBER: Z0126

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 343915 CLIENT SAMPLE ID: MW-2				DATE SAMPLED:	04/25/03
Volatile - 8260 TAGM LIST W/ MTBE					
chlorobenzene	<5.00	UG/L	04/29/03	EPA 8260B	MMA
chloroethane	<5.00	UG/L	04/29/03	EPA 8260B	MMA
chloroform	<5.00	UG/L	04/29/03	EPA 8260B	MMA
dibromochloromethane	<5.00	UG/L	04/29/03	EPA 8260B	MMA
ethylbenzene	<5.00	UG/L	04/29/03	EPA 8260B	MMA
methylene chloride	<5.00	UG/L	04/29/03	EPA 8260B	MMA
mtbe	<5.00	UG/L	04/29/03	EPA 8260B	MMA
tetrachloroethene	<5.00	UG/L	04/29/03	EPA 8260B	MMA
toluene	6.20	UG/L	04/29/03	EPA 8260B	MMA
trans-1,2-dichloroethene	12.9	UG/L	04/29/03	EPA 8260B	MMA
trichloroethene	252	UG/L	04/29/03	EPA 8260B	MMA
trichlorofluoromethane	<5.00	UG/L	04/29/03	EPA 8260B	MMA
vinyl chloride	152	UG/L	04/29/03	EPA 8260B	MMA
xylene, m+p	<5.00	UG/L	04/29/03	EPA 8260B	MMA
xylene, o	<5.00	UG/L	04/29/03	EPA 8260B	MMA
SAMPLE #: 343916 CLIENT SAMPLE ID: MW-2				DATE SAMPLED:	04/25/03
Semi-Volatile - 8270 B/N					
1,2,4-trichlorobenzene	<50.0	UG/L	04/29/03	EPA 8270C	MMA
1,2-dichlorobenzene	<50.0	UG/L	04/29/03	EPA 8270C	MMA
1,2-diphenylhydrazine	<50.0	UG/L	04/29/03	EPA 8270C	MMA
1,2-Diphenylhydrazine breaks down in the injection port. It is analyzed and reported as Azobenzene.					
1,3-dichlorobenzene	<50.0	UG/L	04/29/03	EPA 8270C	MMA
1,4-dichlorobenzene	<50.0	UG/L	04/29/03	EPA 8270C	MMA
2,4-dinitrotoluene	<50.0	UG/L	04/29/03	EPA 8270C	MMA
2,6-dinitrotoluene	<50.0	UG/L	04/29/03	EPA 8270C	MMA
2-chloronaphthalene	<10.0	UG/L	04/29/03	EPA 8270C	MMA
2-methylnaphthalene	<10.0	UG/L	04/29/03	EPA 8270C	MMA
2-nitroaniline	<50.0	UG/L	04/29/03	EPA 8270C	MMA
3,3'-dichlorobenzidine	<200	UG/L	04/29/03	EPA 8270C	MMA
3-nitroaniline	<50.0	UG/L	04/29/03	EPA 8270C	MMA
4-bromophenyl phenyl ether	<50.0	UG/L	04/29/03	EPA 8270C	MMA
4-chloroaniline	<50.0	UG/L	04/29/03	EPA 8270C	MMA
4-chlorophenyl phenyl ether	<50.0	UG/L	04/29/03	EPA 8270C	MMA
4-nitroaniline	<50.0	UG/L	04/29/03	EPA 8270C	MMA
acenaphthene	<10.0	UG/L	04/29/03	EPA 8270C	MMA
acenaphthylene	<10.0	UG/L	04/29/03	EPA 8270C	MMA
aniline	<50.0	UG/L	04/29/03	EPA 8270C	MMA
anthracene	<10.0	UG/L	04/29/03	EPA 8270C	MMA

EPS - GEOSCIENCE
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LAB LOG#: Z03-14

Site Address:
AXIOHM
950 DANBY ROAD
ITHACA, NY 14850

CLIENT JOB NUMBER: Z0126

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 343916 CLIENT SAMPLE ID: MW-2				DATE SAMPLED:	04/25/03
Semi-Volatile - 8270 B/N					
benzo(a)anthracene	<10.0	UG/L	04/29/03	EPA 8270C	MMA
benzo(a)pyrene	<10.0	UG/L	04/29/03	EPA 8270C	MMA
benzo(b)fluoranthene	<10.0	UG/L	04/29/03	EPA 8270C	MMA
benzo(g,h,i)perylene	<10.0	UG/L	04/29/03	EPA 8270C	MMA
benzo(k)fluoranthene	<10.0	UG/L	04/29/03	EPA 8270C	MMA
benzyl alcohol	<50.0	UG/L	04/29/03	EPA 8270C	MMA
bis(2-chloroethoxy)methane	<50.0	UG/L	04/29/03	EPA 8270C	MMA
bis(2-chloroethyl) ether	<50.0	UG/L	04/29/03	EPA 8270C	MMA
bis(2-ethylhexyl) phthalate	<50.0	UG/L	04/29/03	EPA 8270C	MMA
butyl benzyl phthalate	<50.0	UG/L	04/29/03	EPA 8270C	MMA
chrysene	<10.0	UG/L	04/29/03	EPA 8270C	MMA
dibenz(a,h)anthracene	<10.0	UG/L	04/29/03	EPA 8270C	MMA
dibenzofuran	<50.0	UG/L	04/29/03	EPA 8270C	MMA
diethyl phthalate	<50.0	UG/L	04/29/03	EPA 8270C	MMA
dimethyl phthalate	<50.0	UG/L	04/29/03	EPA 8270C	MMA
di-n-butyl phthalate	<50.0	UG/L	04/29/03	EPA 8270C	MMA
di-n-octyl phthalate	<50.0	UG/L	04/29/03	EPA 8270C	MMA
fluoranthene	<10.0	UG/L	04/29/03	EPA 8270C	MMA
fluorene	<10.0	UG/L	04/29/03	EPA 8270C	MMA
hexachlorobenzene	<50.0	UG/L	04/29/03	EPA 8270C	MMA
hexachlorobutadiene	<50.0	UG/L	04/29/03	EPA 8270C	MMA
hexachlorocyclopentadiene	<50.0	UG/L	04/29/03	EPA 8270C	MMA
hexachloroethane	<50.0	UG/L	04/29/03	EPA 8270C	MMA
indeno(1,2,3-cd)pyrene	<10.0	UG/L	04/29/03	EPA 8270C	MMA
isophorone	<50.0	UG/L	04/29/03	EPA 8270C	MMA
naphthalene	<10.0	UG/L	04/29/03	EPA 8270C	MMA
nitrobenzene	<50.0	UG/L	04/29/03	EPA 8270C	MMA
n-nitrosodimethylamine	<50.0	UG/L	04/29/03	EPA 8270C	MMA
n-nitrosodiphenylamine	<50.0	UG/L	04/29/03	EPA 8270C	MMA
n-nitrosodipropylamine	<50.0	UG/L	04/29/03	EPA 8270C	MMA
phenanthrene	<10.0	UG/L	04/29/03	EPA 8270C	MMA
pyrene	<10.0	UG/L	04/29/03	EPA 8270C	MMA
pyridine	<50.0	UG/L	04/29/03	EPA 8270C	MMA
Elevated detection level due to sample matrix interference.					
Aqueous Separatory Funnel Extraction			04/28/03	EPA 3510C	MKE
SAMPLE #: 343917 CLIENT SAMPLE ID: MW-2				DATE SAMPLED:	04/25/03
MERCURY	1.10	UG/L	04/29/03	EPA 7470A	NSH
RCRA METALS					

Environmental
LABORATORY SERVICES

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LAB LOG#: Z03-14

Site Address:
AXIOHM
950 DANBY ROAD
ITHACA, NY 14850

CLIENT JOB NUMBER: Z0126

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 343917 CLIENT SAMPLE ID: MW-2				DATE SAMPLED:	04/25/03
RCRA METALS					
arsenic	36.3	UG/L	04/29/03	EPA 6020	NSH
barium	1220	UG/L	04/29/03	EPA 6020	NSH
cadmium	22.2	UG/L	04/29/03	EPA 6020	NSH
chromium	6990	UG/L	04/29/03	EPA 6020	NSH
lead	290	UG/L	04/29/03	EPA 6020	NSH
selenium	<5.0	UG/L	04/29/03	EPA 6020	NSH
silver	<5.0	UG/L	04/29/03	EPA 6020	NSH
Metals Digestion			04/27/03	EPA 3005A	BDR
SAMPLE #: 343918 CLIENT SAMPLE ID: MW-2				DATE SAMPLED:	04/25/03
CYANIDE, TOTAL	4.77	MG/L	04/28/03	EPA 9010	ELAP#11246
SAMPLE #: 343919 CLIENT SAMPLE ID: MW-2				DATE SAMPLED:	04/25/03
Volatile - 8010 LIST BY 8021					
1,1,1-trichloroethane	<5.00	UG/L	04/29/03	EPA 8021B	MNE
1,1,2,2-tetrachloroethane	<5.00	UG/L	04/29/03	EPA 8021B	MNE
1,1,2-trichloroethane	<5.00	UG/L	04/29/03	EPA 8021B	MNE
1,1-dichloroethane	<5.00	UG/L	04/29/03	EPA 8021B	MNE
1,1-dichloroethene	<5.00	UG/L	04/29/03	EPA 8021B	MNE
1,2-dichlorobenzene	<5.00	UG/L	04/29/03	EPA 8021B	MNE
1,2-dichloroethane	<5.00	UG/L	04/29/03	EPA 8021B	MNE
1,2-dichloropropane	<5.00	UG/L	04/29/03	EPA 8021B	MNE
1,3-dichlorobenzene	<5.00	UG/L	04/29/03	EPA 8021B	MNE
1,4-dichlorobenzene	<5.00	UG/L	04/29/03	EPA 8021B	MNE
2-chloroethylvinyl ether	<5.00	UG/L	04/29/03	EPA 8021B	MNE
bromodichloromethane	<5.00	UG/L	04/29/03	EPA 8021B	MNE
bromoform	<5.00	UG/L	04/29/03	EPA 8021B	MNE
bromomethane	<5.00	UG/L	04/29/03	EPA 8021B	MNE
carbon tetrachloride	<5.00	UG/L	04/29/03	EPA 8021B	MNE
chlorobenzene	<5.00	UG/L	04/29/03	EPA 8021B	MNE
chloroethane	<5.00	UG/L	04/29/03	EPA 8021B	MNE
chloroform	<5.00	UG/L	04/29/03	EPA 8021B	MNE
chloromethane	<5.00	UG/L	04/29/03	EPA 8021B	MNE
cis-1,3-dichloropropene	<5.00	UG/L	04/29/03	EPA 8021B	MNE
dibromochloromethane	<5.00	UG/L	04/29/03	EPA 8021B	MNE
dichlorodifluoromethane	<5.00	UG/L	04/29/03	EPA 8021B	MNE
methylene chloride	<5.00	UG/L	04/29/03	EPA 8021B	MNE
tetrachloroethene	<5.00	UG/L	04/29/03	EPA 8021B	MNE
trans-1,2-dichloroethene	14.5	UG/L	04/29/03	EPA 8021B	MNE

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Site Address:
AXIOHM
950 DANBY ROAD
ITHACA, NY 14850

CLIENT JOB NUMBER: Z0126

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 343919 CLIENT SAMPLE ID: MW-2				**DATE SAMPLED:**	04/25/03
Volatile - 8010 LIST BY 8021					
trans-1,3-dichloropropene	<5.00	UG/L	04/29/03	EPA 8021B	MNE
trichloroethene	357	UG/L	04/29/03	EPA 8021B	MNE
trichlorofluoromethane	<5.00	UG/L	04/29/03	EPA 8021B	MNE
vinyl chloride	133	UG/L	04/29/03	EPA 8021B	MNE
SAMPLE #: 343920 CLIENT SAMPLE ID: MW-3				**DATE SAMPLED:**	04/25/03
Volatile - 8260 TAGM LIST W/ MTBE					
1,1,1-trichloroethane	2.87	UG/L	04/25/03	EPA 8260B	MMA
1,1,2,2-tetrachloroethane	<1.00	UG/L	04/25/03	EPA 8260B	MMA
1,1-dichloroethane	<1.00	UG/L	04/25/03	EPA 8260B	MMA
1,1-dichloroethene	<1.00	UG/L	04/25/03	EPA 8260B	MMA
1,2,3-trichloropropane	<1.00	UG/L	04/25/03	EPA 8260B	MMA
1,2,4-trichlorobenzene	<1.00	UG/L	04/25/03	EPA 8260B	MMA
1,2-dichlorobenzene	<1.00	UG/L	04/25/03	EPA 8260B	MMA
1,2-dichloroethane	<1.00	UG/L	04/25/03	EPA 8260B	I
1,3-dichlorobenzene	<1.00	UG/L	04/25/03	EPA 8260B	M.
1,3-dichloropropane	<1.00	UG/L	04/25/03	EPA 8260B	MMA
1,4-dichlorobenzene	<1.00	UG/L	04/25/03	EPA 8260B	MMA
2-butanone	<5.00	UG/L	04/25/03	EPA 8260B	MMA
4-methyl-2-pentanone	<5.00	UG/L	04/25/03	EPA 8260B	MMA
acetone	<5.00	UG/L	04/25/03	EPA 8260B	MMA
benzene	<1.00	UG/L	04/25/03	EPA 8260B	MMA
carbon disulfide	<1.00	UG/L	04/25/03	EPA 8260B	MMA
carbon tetrachloride	<1.00	UG/L	04/25/03	EPA 8260B	MMA
chlorobenzene	<1.00	UG/L	04/25/03	EPA 8260B	MMA
chloroethane	<5.00	UG/L	04/25/03	EPA 8260B	MMA
chloroform	<1.00	UG/L	04/25/03	EPA 8260B	MMA
dibromochloromethane	<1.00	UG/L	04/25/03	EPA 8260B	MMA
ethylbenzene	<1.00	UG/L	04/25/03	EPA 8260B	MMA
methylene chloride	<1.00	UG/L	04/25/03	EPA 8260B	MMA
mtbe	<1.00	UG/L	04/25/03	EPA 8260B	MMA
tetrachloroethene	<1.00	UG/L	04/25/03	EPA 8260B	MMA
toluene	1.04	UG/L	04/25/03	EPA 8260B	MMA
trans-1,2-dichloroethene	<1.00	UG/L	04/25/03	EPA 8260B	MMA
trichloroethene	40.3	UG/L	04/25/03	EPA 8260B	MMA
trichlorofluoromethane	<1.00	UG/L	04/25/03	EPA 8260B	MMA
vinyl chloride	<2.00	UG/L	04/25/03	EPA 8260B	MMA
xylene, m+p	<1.00	UG/L	04/25/03	EPA 8260B	MMA
xylene, o	<1.00	UG/L	04/25/03	EPA 8260B	MMA

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LAB LOG#: Z03-14

Site Address:
AXIOHM
950 DANBY ROAD
ITHACA, NY 14850

CLIENT JOB NUMBER: Z0126

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 343921 CLIENT SAMPLE ID: MW-3				DATE SAMPLED: 04/25/03	
Semi-Volatile - 8270 B/N					
1,2,4-trichlorobenzene	<5.00	UG/L	04/29/03	EPA 8270C	MMA
1,2-dichlorobenzene	<5.00	UG/L	04/29/03	EPA 8270C	MMA
1,2-diphenylhydrazine	<5.00	UG/L	04/29/03	EPA 8270C	MMA
1,2-Diphenylhydrazine breaks down in the injection port. It is analyzed and reported as Azobenzene.					
1,3-dichlorobenzene	<5.00	UG/L	04/29/03	EPA 8270C	MMA
1,4-dichlorobenzene	<5.00	UG/L	04/29/03	EPA 8270C	MMA
2,4-dinitrotoluene	<5.00	UG/L	04/29/03	EPA 8270C	MMA
2,6-dinitrotoluene	<5.00	UG/L	04/29/03	EPA 8270C	MMA
2-chloronaphthalene	<1.00	UG/L	04/29/03	EPA 8270C	MMA
2-methylnaphthalene	<1.00	UG/L	04/29/03	EPA 8270C	MMA
2-nitroaniline	<5.00	UG/L	04/29/03	EPA 8270C	MMA
3,3`-dichlorobenzidine	<20.0	UG/L	04/29/03	EPA 8270C	MMA
3-nitroaniline	<5.00	UG/L	04/29/03	EPA 8270C	MMA
4-bromophenyl phenyl ether	<5.00	UG/L	04/29/03	EPA 8270C	MMA
4-chloroaniline	<5.00	UG/L	04/29/03	EPA 8270C	MMA
4-chlorophenyl phenyl ether	<5.00	UG/L	04/29/03	EPA 8270C	MMA
4-nitroaniline	<5.00	UG/L	04/29/03	EPA 8270C	MMA
acenaphthene	<1.00	UG/L	04/29/03	EPA 8270C	MMA
acenaphthylene	<1.00	UG/L	04/29/03	EPA 8270C	MMA
aniline	<5.00	UG/L	04/29/03	EPA 8270C	MMA
anthracene	<1.00	UG/L	04/29/03	EPA 8270C	MMA
benzo(a)anthracene	<1.00	UG/L	04/29/03	EPA 8270C	MMA
benzo(a)pyrene	<1.00	UG/L	04/29/03	EPA 8270C	MMA
benzo(b)fluoranthene	<1.00	UG/L	04/29/03	EPA 8270C	MMA
benzo(g,h,i)perylene	<1.00	UG/L	04/29/03	EPA 8270C	MMA
benzo(k)fluoranthene	<1.00	UG/L	04/29/03	EPA 8270C	MMA
benzyl alcohol	<5.00	UG/L	04/29/03	EPA 8270C	MMA
bis(2-chloroethoxy)methane	<5.00	UG/L	04/29/03	EPA 8270C	MMA
bis(2-chloroethyl) ether	<5.00	UG/L	04/29/03	EPA 8270C	MMA
bis(2-ethylhexyl) phthalate	<5.00	UG/L	04/29/03	EPA 8270C	MMA
butyl benzyl phthalate	<5.00	UG/L	04/29/03	EPA 8270C	MMA
chrysene	<1.00	UG/L	04/29/03	EPA 8270C	MMA
dibenz(a,h)anthracene	<1.00	UG/L	04/29/03	EPA 8270C	MMA
dibenzofuran	<5.00	UG/L	04/29/03	EPA 8270C	MMA
diethyl phthalate	<5.00	UG/L	04/29/03	EPA 8270C	MMA
dimethyl phthalate	<5.00	UG/L	04/29/03	EPA 8270C	MMA
di-n-butyl phthalate	<5.00	UG/L	04/29/03	EPA 8270C	MMA
di-n-octyl phthalate	<5.00	UG/L	04/29/03	EPA 8270C	MMA
fluoranthene	<1.00	UG/L	04/29/03	EPA 8270C	MMA

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AXIOHM
950 DANBY ROAD
ITHACA, NY 14850

CLIENT JOB NUMBER: Z0126

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 343921 CLIENT SAMPLE ID: MW-3				DATE SAMPLED:	04/25/03
Semi-Volatile - 8270 B/N					
fluorene	<1.00	UG/L	04/29/03	EPA 8270C	MMA
hexachlorobenzene	<5.00	UG/L	04/29/03	EPA 8270C	MMA
hexachlorobutadiene	<5.00	UG/L	04/29/03	EPA 8270C	MMA
hexachlorocyclopentadiene	<5.00	UG/L	04/29/03	EPA 8270C	MMA
hexachloroethane	<5.00	UG/L	04/29/03	EPA 8270C	MMA
indeno(1,2,3-cd)pyrene	<1.00	UG/L	04/29/03	EPA 8270C	MMA
isophorone	<5.00	UG/L	04/29/03	EPA 8270C	MMA
naphthalene	<1.00	UG/L	04/29/03	EPA 8270C	MMA
nitrobenzene	<5.00	UG/L	04/29/03	EPA 8270C	MMA
n-nitrosodimethylamine	<5.00	UG/L	04/29/03	EPA 8270C	MMA
n-nitrosodiphenylamine	<5.00	UG/L	04/29/03	EPA 8270C	MMA
n-nitrosodipropylamine	<5.00	UG/L	04/29/03	EPA 8270C	MMA
phenanthrene	<1.00	UG/L	04/29/03	EPA 8270C	MMA
pyrene	<1.00	UG/L	04/29/03	EPA 8270C	MMA
pyridine	<5.00	UG/L	04/29/03	EPA 8270C	MMA
Aqueous Separatory Funnel Extraction			04/28/03	EPA 3510C	MF
SAMPLE #: 343922 CLIENT SAMPLE ID: MW-3				DATE SAMPLED:	04/25/03
MERCURY	0.329	UG/L	04/29/03	EPA 7470A	NSH
RCRA METALS					
arsenic	135	UG/L	04/29/03	EPA 6020	NSH
barium	1570	UG/L	04/29/03	EPA 6020	NSH
cadmium	<5.0	UG/L	04/29/03	EPA 6020	NSH
chromium	514	UG/L	04/29/03	EPA 6020	NSH
lead	175	UG/L	04/29/03	EPA 6020	NSH
selenium	<5.0	UG/L	04/29/03	EPA 6020	NSH
silver	<5.0	UG/L	04/29/03	EPA 6020	NSH
Metals Digestion			04/27/03	EPA 3005A	BDR
SAMPLE #: 343923 CLIENT SAMPLE ID: MW-3				DATE SAMPLED:	04/25/03
CYANIDE, TOTAL	0.108	MG/L	04/28/03	EPA 9010	ELAP#11246
SAMPLE #: 343924 CLIENT SAMPLE ID: MW-3				DATE SAMPLED:	04/25/03
Volatile - 8010 LIST BY 8021					
1,1,1-trichloroethane	1.52	UG/L	04/25/03	EPA 8021B	MNE
1,1,2,2-tetrachloroethane	<1.00	UG/L	04/25/03	EPA 8021B	MNE
1,1,2-trichloroethane	<1.00	UG/L	04/25/03	EPA 8021B	MNE
1,1-dichloroethane	<1.00	UG/L	04/25/03	EPA 8021B	MNE

EPS - GEOSCIENCE
7280 Caswell Street

North Syracuse, NY 13212
ATTN: Ms. Michelle Swidowski

PO#: 88975

PROJECT #: 204665
RECEIVED: 04/25/2003
LAB LOG#: Z03-14

Site Address:
AXIOHM
950 DANBY ROAD
ITHACA, NY 14850

CLIENT JOB NUMBER: Z0126

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 343924 CLIENT SAMPLE ID: MW-3				DATE SAMPLED:	04/25/03
Volatile - 8010 LIST BY 8021					
1,1-dichloroethene	<1.00	UG/L	04/25/03	EPA 8021B	MNE
1,2-dichlorobenzene	<1.00	UG/L	04/25/03	EPA 8021B	MNE
1,2-dichloroethane	<1.00	UG/L	04/25/03	EPA 8021B	MNE
1,2-dichloropropane	<1.00	UG/L	04/25/03	EPA 8021B	MNE
1,3-dichlorobenzene	<1.00	UG/L	04/25/03	EPA 8021B	MNE
1,4-dichlorobenzene	<1.00	UG/L	04/25/03	EPA 8021B	MNE
2-chloroethylvinyl ether	<1.00	UG/L	04/25/03	EPA 8021B	MNE
bromodichloromethane	<1.00	UG/L	04/25/03	EPA 8021B	MNE
bromoform	<1.00	UG/L	04/25/03	EPA 8021B	MNE
bromomethane	<1.00	UG/L	04/25/03	EPA 8021B	MNE
carbon tetrachloride	<1.00	UG/L	04/25/03	EPA 8021B	MNE
chlorobenzene	<1.00	UG/L	04/25/03	EPA 8021B	MNE
chloroethane	<1.00	UG/L	04/25/03	EPA 8021B	MNE
chloroform	<1.00	UG/L	04/25/03	EPA 8021B	MNE
chloromethane	<1.00	UG/L	04/25/03	EPA 8021B	MNE
cis-1,3-dichloropropene	<1.00	UG/L	04/25/03	EPA 8021B	MNE
dibromochloromethane	<1.00	UG/L	04/25/03	EPA 8021B	MNE
dichlorodifluoromethane	<1.00	UG/L	04/25/03	EPA 8021B	MNE
methylene chloride	<1.00	UG/L	04/25/03	EPA 8021B	MNE
tetrachloroethene	<1.00	UG/L	04/25/03	EPA 8021B	MNE
trans-1,2-dichloroethene	<1.00	UG/L	04/25/03	EPA 8021B	MNE
trans-1,3-dichloropropene	<1.00	UG/L	04/25/03	EPA 8021B	MNE
trichloroethene	47.6	UG/L	04/25/03	EPA 8021B	MNE
trichlorofluoromethane	<1.00	UG/L	04/25/03	EPA 8021B	MNE
vinyl chloride	<1.00	UG/L	04/25/03	EPA 8021B	MNE
SAMPLE #: 343925 CLIENT SAMPLE ID: MW-4				DATE SAMPLED:	04/25/03
Volatile - 8260 TAGM LIST W/ MTBE					
1,1,1-trichloroethane	3.31	UG/L	04/25/03	EPA 8260B	MMA
1,1,2,2-tetrachloroethane	<1.00	UG/L	04/25/03	EPA 8260B	MMA
1,1-dichloroethane	2.12	UG/L	04/25/03	EPA 8260B	MMA
1,1-dichloroethene	<1.00	UG/L	04/25/03	EPA 8260B	MMA
1,2,3-trichloropropane	<1.00	UG/L	04/25/03	EPA 8260B	MMA
1,2,4-trichlorobenzene	<1.00	UG/L	04/25/03	EPA 8260B	MMA
1,2-dichlorobenzene	<1.00	UG/L	04/25/03	EPA 8260B	MMA
1,2-dichloroethane	<1.00	UG/L	04/25/03	EPA 8260B	MMA
1,3-dichlorobenzene	<1.00	UG/L	04/25/03	EPA 8260B	MMA
1,3-dichloropropane	<1.00	UG/L	04/25/03	EPA 8260B	MMA
1,4-dichlorobenzene	<1.00	UG/L	04/25/03	EPA 8260B	MMA
2-butanone	<5.00	UG/L	04/25/03	EPA 8260B	MMA

EPS - GEOSCIENCE
7280 Caswell Street

North Syracuse, NY 13212
ATTN: Ms. Michelle Swidowski

PO#: 88975

PROJECT #: 204665
RECEIVED: 04/25/2003
LAB LOG#: Z03-14

Site Address:
AXIOHM
950 DANBY ROAD
ITHACA, NY 14850

CLIENT JOB NUMBER: Z0126

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 343925 CLIENT SAMPLE ID: MW-4				DATE SAMPLED:	04/25/03
Volatile - 8260 TAGM LIST W/ MTBE					
4-methyl-2-pentanone	<5.00	UG/L	04/25/03	EPA 8260B	MMA
acetone	<5.00	UG/L	04/25/03	EPA 8260B	MMA
benzene	<1.00	UG/L	04/25/03	EPA 8260B	MMA
carbon disulfide	<1.00	UG/L	04/25/03	EPA 8260B	MMA
carbon tetrachloride	<1.00	UG/L	04/25/03	EPA 8260B	MMA
chlorobenzene	<1.00	UG/L	04/25/03	EPA 8260B	MMA
chloroethane	<5.00	UG/L	04/25/03	EPA 8260B	MMA
chloroform	<1.00	UG/L	04/25/03	EPA 8260B	MMA
dibromochloromethane	<1.00	UG/L	04/25/03	EPA 8260B	MMA
ethylbenzene	<1.00	UG/L	04/25/03	EPA 8260B	MMA
methylene chloride	<1.00	UG/L	04/25/03	EPA 8260B	MMA
mtbe	<1.00	UG/L	04/25/03	EPA 8260B	MMA
tetrachloroethene	<1.00	UG/L	04/25/03	EPA 8260B	MMA
toluene	<1.00	UG/L	04/25/03	EPA 8260B	MMA
trans-1,2-dichloroethene	<1.00	UG/L	04/25/03	EPA 8260B	MMA
trichloroethene	12.8	UG/L	04/25/03	EPA 8260B	MI
trichlorofluoromethane	<1.00	UG/L	04/25/03	EPA 8260B	MM
vinyl chloride	<2.00	UG/L	04/25/03	EPA 8260B	MMA
xylene, m+p	<1.00	UG/L	04/25/03	EPA 8260B	MMA
xylene, o	<1.00	UG/L	04/25/03	EPA 8260B	MMA
SAMPLE #: 343926 CLIENT SAMPLE ID: MW-4				DATE SAMPLED:	04/25/03
Semi-Volatile - 8270 B/N					
1,2,4-trichlorobenzene	<5.00	UG/L	04/29/03	EPA 8270C	MMA
1,2-dichlorobenzene	<5.00	UG/L	04/29/03	EPA 8270C	MMA
1,2-diphenylhydrazine	<5.00	UG/L	04/29/03	EPA 8270C	MMA
1,2-Diphenylhydrazine breaks down in the injection port. It is analyzed and reported as Azobenzene.					
1,3-dichlorobenzene	<5.00	UG/L	04/29/03	EPA 8270C	MMA
1,4-dichlorobenzene	<5.00	UG/L	04/29/03	EPA 8270C	MMA
2,4-dinitrotoluene	<5.00	UG/L	04/29/03	EPA 8270C	MMA
2,6-dinitrotoluene	<5.00	UG/L	04/29/03	EPA 8270C	MMA
2-chloronaphthalene	<1.00	UG/L	04/29/03	EPA 8270C	MMA
2-methylnaphthalene	<1.00	UG/L	04/29/03	EPA 8270C	MMA
2-nitroaniline	<5.00	UG/L	04/29/03	EPA 8270C	MMA
3,3`-dichlorobenzidine	<20.0	UG/L	04/29/03	EPA 8270C	MMA
3-nitroaniline	<5.00	UG/L	04/29/03	EPA 8270C	MMA
4-bromophenyl phenyl ether	<5.00	UG/L	04/29/03	EPA 8270C	MMA
4-chloroaniline	<5.00	UG/L	04/29/03	EPA 8270C	MMA
4-chlorophenyl phenyl ether	<5.00	UG/L	04/29/03	EPA 8270C	MMA

EPS - GEOSCIENCE
7280 Caswell Street

North Syracuse, NY 13212
ATTN: Ms. Michelle Swidowski

PO#: 88975

PROJECT #: 204665
RECEIVED: 04/25/2003
LAB LOG#: Z03-14

Site Address:
AXIOHM
950 DANBY ROAD
ITHACA, NY 14850

CLIENT JOB NUMBER: Z0126

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 343926 CLIENT SAMPLE ID: MW-4				DATE SAMPLED:	04/25/03
Semi-Volatile - 8270 B/N					
4-nitroaniline	<5.00	UG/L	04/29/03	EPA 8270C	MMA
acenaphthene	<1.00	UG/L	04/29/03	EPA 8270C	MMA
acenaphthylene	<1.00	UG/L	04/29/03	EPA 8270C	MMA
aniline	<5.00	UG/L	04/29/03	EPA 8270C	MMA
anthracene	<1.00	UG/L	04/29/03	EPA 8270C	MMA
benzo(a)anthracene	<1.00	UG/L	04/29/03	EPA 8270C	MMA
benzo(a)pyrene	<1.00	UG/L	04/29/03	EPA 8270C	MMA
benzo(b)fluoranthene	<1.00	UG/L	04/29/03	EPA 8270C	MMA
benzo(g,h,i)perylene	<1.00	UG/L	04/29/03	EPA 8270C	MMA
benzo(k)fluoranthene	<1.00	UG/L	04/29/03	EPA 8270C	MMA
benzyl alcohol	<5.00	UG/L	04/29/03	EPA 8270C	MMA
bis(2-chloroethoxy)methane	<5.00	UG/L	04/29/03	EPA 8270C	MMA
bis(2-chloroethyl) ether	<5.00	UG/L	04/29/03	EPA 8270C	MMA
bis(2-ethylhexyl) phthalate	<5.00	UG/L	04/29/03	EPA 8270C	MMA
butyl benzyl phthalate	<5.00	UG/L	04/29/03	EPA 8270C	MMA
chrysene	<1.00	UG/L	04/29/03	EPA 8270C	MMA
dibenz(a,h)anthracene	<1.00	UG/L	04/29/03	EPA 8270C	MMA
dibenzofuran	<5.00	UG/L	04/29/03	EPA 8270C	MMA
diethyl phthalate	<5.00	UG/L	04/29/03	EPA 8270C	MMA
dimethyl phthalate	<5.00	UG/L	04/29/03	EPA 8270C	MMA
di-n-butyl phthalate	<5.00	UG/L	04/29/03	EPA 8270C	MMA
di-n-octyl phthalate	<5.00	UG/L	04/29/03	EPA 8270C	MMA
fluoranthene	<1.00	UG/L	04/29/03	EPA 8270C	MMA
fluorene	<1.00	UG/L	04/29/03	EPA 8270C	MMA
hexachlorobenzene	<5.00	UG/L	04/29/03	EPA 8270C	MMA
hexachlorobutadiene	<5.00	UG/L	04/29/03	EPA 8270C	MMA
hexachlorocyclopentadiene	<5.00	UG/L	04/29/03	EPA 8270C	MMA
hexachloroethane	<5.00	UG/L	04/29/03	EPA 8270C	MMA
indeno(1,2,3-cd)pyrene	<1.00	UG/L	04/29/03	EPA 8270C	MMA
isophorone	<5.00	UG/L	04/29/03	EPA 8270C	MMA
naphthalene	<1.00	UG/L	04/29/03	EPA 8270C	MMA
nitrobenzene	<5.00	UG/L	04/29/03	EPA 8270C	MMA
n-nitrosodimethylamine	<5.00	UG/L	04/29/03	EPA 8270C	MMA
n-nitrosodiphenylamine	<5.00	UG/L	04/29/03	EPA 8270C	MMA
n-nitrosodipropylamine	<5.00	UG/L	04/29/03	EPA 8270C	MMA
phenanthrene	<1.00	UG/L	04/29/03	EPA 8270C	MMA
pyrene	<1.00	UG/L	04/29/03	EPA 8270C	MMA
pyridine	<5.00	UG/L	04/29/03	EPA 8270C	MMA
Aqueous Separatory Funnel Extraction			04/28/03	EPA 3510C	MKE

EPS - GEOSCIENCE
7280 Caswell Street

North Syracuse, NY 13212
ATTN: Ms. Michelle Swidowski

PO#: 88975

PROJECT #: 204665
RECEIVED: 04/25/2003
LAB LOG#: Z03-14

Site Address:
AXIOHM
950 DANBY ROAD
ITHACA, NY 14850

CLIENT JOB NUMBER: Z0126

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 343927 CLIENT SAMPLE ID: MW-4				DATE SAMPLED:	04/25/03
MERCURY	0.260	UG/L	04/29/03	EPA 7470A	NSH
RCRA METALS					
arsenic	46.0	UG/L	04/29/03	EPA 6020	NSH
barium	864	UG/L	04/29/03	EPA 6020	NSH
cadmium	<5.0	UG/L	04/29/03	EPA 6020	NSH
chromium	303	UG/L	04/29/03	EPA 6020	NSH
lead	130	UG/L	04/29/03	EPA 6020	NSH
selenium	<5.0	UG/L	04/29/03	EPA 6020	NSH
silver	<5.0	UG/L	04/29/03	EPA 6020	NSH
Metals Digestion			04/27/03	EPA 3005A	BDR
SAMPLE #: 343928 CLIENT SAMPLE ID: MW-4				DATE SAMPLED:	04/25/03
CYANIDE, TOTAL	0.078	MG/L	04/28/03	EPA 9010	ELAP#11245
SAMPLE #: 343929 CLIENT SAMPLE ID: MW-4				DATE SAMPLED:	04/25/0
Volatile - 8010 LIST BY 8021					
1,1,1-trichloroethane	2.52	UG/L	04/25/03	EPA 8021B	MNE
1,1,2,2-tetrachloroethane	<1.00	UG/L	04/25/03	EPA 8021B	MNE
1,1,2-trichloroethane	<1.00	UG/L	04/25/03	EPA 8021B	MNE
1,1-dichloroethane	<1.00	UG/L	04/25/03	EPA 8021B	MNE
1,1-dichloroethene	<1.00	UG/L	04/25/03	EPA 8021B	MNE
1,2-dichlorobenzene	<1.00	UG/L	04/25/03	EPA 8021B	MNE
1,2-dichloroethane	<1.00	UG/L	04/25/03	EPA 8021B	MNE
1,2-dichloropropane	<1.00	UG/L	04/25/03	EPA 8021B	MNE
1,3-dichlorobenzene	<1.00	UG/L	04/25/03	EPA 8021B	MNE
1,4-dichlorobenzene	<1.00	UG/L	04/25/03	EPA 8021B	MNE
2-chloroethylvinyl ether	<1.00	UG/L	04/25/03	EPA 8021B	MNE
bromodichloromethane	<1.00	UG/L	04/25/03	EPA 8021B	MNE
bromoform	<1.00	UG/L	04/25/03	EPA 8021B	MNE
bromomethane	<1.00	UG/L	04/25/03	EPA 8021B	MNE
carbon tetrachloride	<1.00	UG/L	04/25/03	EPA 8021B	MNE
chlorobenzene	<1.00	UG/L	04/25/03	EPA 8021B	MNE
chloroethane	<1.00	UG/L	04/25/03	EPA 8021B	MNE
chloroform	<1.00	UG/L	04/25/03	EPA 8021B	MNE
chloromethane	<1.00	UG/L	04/25/03	EPA 8021B	MNE
cis-1,3-dichloropropene	<1.00	UG/L	04/25/03	EPA 8021B	MNE
dibromochloromethane	<1.00	UG/L	04/25/03	EPA 8021B	MNE
dichlorodifluoromethane	<1.00	UG/L	04/25/03	EPA 8021B	MNE
methylene chloride	<1.00	UG/L	04/25/03	EPA 8021B	MNE
tetrachloroethene	<1.00	UG/L	04/25/03	EPA 8021B	MNE

EPS - GEOSCIENCE
7280 Caswell Street

North Syracuse, NY 13212
ATTN: Ms. Michelle Swidowski

PO#: 88975

PROJECT #: 204665
RECEIVED: 04/25/2003
LAB LOG#: Z03-14

Site Address:
AXIOHM
950 DANBY ROAD
ITHACA, NY 14850

CLIENT JOB NUMBER: Z0126

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 343929 CLIENT SAMPLE ID: MW-4				DATE SAMPLED:	04/25/03
Volatile - 8010 LIST BY 8021					
trans-1,2-dichloroethene	<1.00	UG/L	04/25/03	EPA 8021B	MNE
trans-1,3-dichloropropene	<1.00	UG/L	04/25/03	EPA 8021B	MNE
trichloroethene	16.8	UG/L	04/25/03	EPA 8021B	MNE
trichlorofluoromethane	<1.00	UG/L	04/25/03	EPA 8021B	MNE
vinyl chloride	<1.00	UG/L	04/25/03	EPA 8021B	MNE

Wendy J. Umberger
Laboratory Director

04/29/2003
Print Date

All tests performed under NYS ELAP Laboratory Certification # 11375 unless otherwise stated. Report relates only to the samples as received by the laboratory and shall not be reproduced except in full, without written approval from Environmental Laboratory Services.

Environmental
LABORATORY SERVICES

Environmental Products & Services, Inc.

(315) 471-0503 / (800) 843-8265

CHAIN OF CUSTODY RECORD

EPS LAB LOG NO. 703-14

JOB NUMBER: 70126 PIN NUMBER: —

P.O. NUMBER: 88975 SPILL NUMBER: —

LABORATORY: ELS

ADDRESS: N. SYRACUSE, NY

PHONE NO.: 315 458-8033

REPORTING REQUIREMENTS (other than mail)

☐ PHONE NO.: pick up

☐ FAX NO.:

TURN AROUND TIME (CALL AHEAD FOR APPROVAL FOR RUSH)

24-HOUR ☐

48-HOUR ☒

NORMAL ☐

OTHER ☐ _____

LAB APPROVAL BY: _____

SPECIAL DETECTION LIMITS ☒

Yes No

(Specify)

SPECIAL QA/QC LEVEL

Yes ☐ No ☒

(Specify)

WASTE SAMPLE

Yes ☐ No ☒

Sample(s) State of Origin:

CT ☐ DE ☐ MA ☐ MD ☐ NH ☐ NJ ☐ NY ☒ PA ☐ RI ☐ VT ☐ — ☐

CONTAINER TYPE:

V - VOA VIALS
G - GLASS
P- PLASTIC
O- OTHER

SAMPLE TYPE:

G - GRAB
C - COMPOSITE
W - WIPE
SS - SURFACE SCRAPE
O - OTHER (SPECIFY)

ANALYSIS REQUESTED

SITE ADDRESS: Axiohm, 950 Danby Rd, Ithaca, NY 14850

SPECIAL INSTRUCTIONS: Quote 1993

LAB ID (Lab Only)	SAMPLE I.D./ DESCRIPTION	DATE	TIME	CONTAINER: Number	Size	Type (EnterCode)	MATRIX: Groundwater	Soil	Sludge	Other	TYPE (ENTER CODE)	PRESERVATIVE: HCl	HNO_3	H_2SO_4	Ice (4°C)	Teflon Liner	Filtered	Other Naphthalene acid
34891 3	MW-1	4/25/03	1225	2	40 ml	V	X				G	X			X			
34891 4	MW-1		1225	1	1 ltr	G	X								X			
34891 5	MW-2		1114	2	40 ml	V	X					X			X			
34891 6	MW-2		1114	1	1 ltr	G	X								X			
34891 7	MW-2		1114	1	500 ml	P	X						X		X			
34891 8	MW-2		1114	1	1 ltr	P	X								X			
34891 9	MW-2		1114	2	40 ml	V	X					X			X			
34892 0	MW-3		1026	2	40 ml	V	X					X			X			
34892 1	MW-3		1026	1	1 ltr	G	X								X			
34892 2	MW-3		1026	1	500 ml	P	X								X			

WELL

ANALYSIS REQUESTED																								
CORROS ☐ FLASH ☐ REACT ☐ pH ☐	TCLP: METALS ☐ VOA ☐ SEMI-VOA ☐	TCLP: PEST ☐ HERB ☐	TOTAL METALS ☒ SPECIFY: RCRA 8	OIL AND GREASE: EPA 413.1 ☐	PH: GRO ☐ DRO ☐ TPH GC ☐	TPH: EPA 418.1(IR) ☐ NYS DOH 310-13(GC) ☐	EPA 503.1 ☐ EPA 524 ☐ W/ MTBE ☐	EPA 601 ☐ EPA 8010 ☒ EPA 8021 ☐ W/ MTBE ☐	EPA 602 ☐ EPA 8020 ☐ BTEX ☐ W/ MTBE ☐	EPA 608 ☐ EPA 8080 ☐ PCB ONLY ☐	EPA 624 ☐ EPA 8240 ☒ W/ MTBE	EPA 625 ☐ EPA 8270 ☒ BNA ☒	TOTAL CYANIDE								
											X													
			X										X											
								X																
											X													
			X																					

EPS CONTACT: Michele Swidowski PHONE NO.: 315 476-4410 X151

CUSTODY TRANSFERS

	DATE	TIME		DATE	TIME
RELINQUISHED BY: (SAMPLER) M. Swidowski	4/25/03	1457	RECEIVED BY:		
RELINQUISHED BY:			RECEIVED BY:		
RELINQUISHED BY:			RECEIVED AT LAB BY: Matthew A. Lane	4/28/03	1457

Environmental PRODUCTS & SERVICES, INC.

(315) 471-0503 / (800) 843-8265

CHAIN OF CUSTODY RECORD

EPS LAB LOG NO. Z03-14

JOB NUMBER: Z012L PIN NUMBER: -

P.O. NUMBER: 88975 SPILL NUMBER: -

LABORATORY: E&S

ADDRESS: Syracuse, NY

PHONE NO.: 315 458-8035

REPORTING REQUIREMENTS (other than mail)

☐ PHONE NO.: Nick wyd

☐ FAX NO.:

TURN AROUND TIME (CALL AHEAD FOR APPROVAL FOR RUSH)

24-HOUR ☐

48-HOUR ☒

NORMAL ☐

OTHER ☐ _____

LAB APPROVAL BY: _____

SPECIAL DETECTION LIMITS ☐ Yes ☒ No

(Specify)

SPECIAL QA/QC LEVEL Yes ☐ No ☒

(Specify)

WASTE SAMPLE Yes ☐ No ☒

Sample(s) State of Origin:

CT ☐ DE ☐ MA ☐ MD ☐ NH ☐ NJ ☐ NY ☒ PA ☐ RI ☐ VT ☐ — ☐

SAMPLE TYPE:

G - GRAB
C - COMPOSITE
W - WIPE
SS - SURFACE SCRAPE
O - OTHER (SPECIFY)

CONTAINER TYPE:

V - VOA VIALS
G - GLASS
P - PLASTIC
O - OTHER _____

ANALYSIS REQUESTED

CORROS ☐ FLASH ☐ REACT ☐ pH ☐

TCLP: METALS ☐ VOA ☐ SEMI-VOA ☐

TCLP: PEST ☐ HERB ☐

TOTAL METALS ☒ ~~DISCOVERY~~: RCRA 8

OIL AND GREASE: EPA 413.1 ☐

PH: GRO ☐ DRO ☐ TPH GC ☐

TPH: EPA 418.1(IR) ☐ NYS DOH 310-13(GC) ☐

EPA 503.1 ☐ EPA 524 ☐ W/ MTBE ☐

EPA 601 ☐ EPA 8010 ☒ EPA 602 ☐ W/ MTBE ☐

EPA 602 ☐ EPA 8020 ☐ BTEX ☐ W/ MTBE ☐

EPA 608 ☐ EPA 8080 ☐ PCB ONLY ☐

EPA 624 ☐ EPA 8240 ☐ W/ MTBE ☐

EPA 625 ☐ EPA 8270 ☐ EPA 8270 BN ☒

TOTAL CYANIDE

SITE ADDRESS: Axiohm, 950 Danby Rd. Ithaca, NY

SPECIAL INSTRUCTIONS: Quote 993

Lab Use Only	SAMPLE I.D./ DESCRIPTION	DATE	TIME	CONTAINER Number	Size	Type (Enter Code)	MATRIX Groundwater	Soil	Sludge	Other	TYPE (ENTER CODE)	PRESERVATIVE HCl	HNO_3	H_2SO_4	Ice (4°C)	Teflon Liner	Filtered	Other Acid	COMMENTS/ SAMPLING POINT(S)
343923	MW-3	4/25/03	1026	1	1 hr	P	X				G				X				
343924	MW-3		1026	2	40 ml	V	X					X			X				
343925	MW-4		0931	2	40 ml	V	X					X			X				
343926	MW-4		0931	1	1 hr	G	X								X				
343927	MW-4		0931	1	500 ml	P	X								X				
343928	MW-4		0931	1	1 hr	P	X								X		X		
343929	MW-4		0931	2	40 ml	V	X					X			X				

EPS CONTACT: Michele Swidarski PHONE NO: 315 476-4410 X151

CUSTODY TRANSFERS

	DATE	TIME		DATE	TIME
RELINQUISHED BY: (SAMPLER) M. Swidarski	4/25/03	1457	RECEIVED BY:		
RELINQUISHED BY:			RECEIVED BY:		
RELINQUISHED BY:			RECEIVED AT LAB BY:	4/25/03	1457

Report Date:
09-Jan-04 12:51

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Laboratory Report

Environmental Resources Management
5788 Widewaters Pkwy
Dewitt, NY 13214
Attn: Ed Hinchey

Project:Axiohm - Ithaca, NY
Project #:0013172

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA06959-01	Axi B-1 (3-5)	Soil	05-Jan-04 13:35	07-Jan-04 09:39
SA06959-02	Axi MW-5 (5-7)	Soil	05-Jan-04 14:03	07-Jan-04 09:39
SA06959-03	Axi B-2 (7-9)	Soil	05-Jan-04 15:45	07-Jan-04 09:39
SA06959-04	Axi B-3 (7-9)	Soil	05-Jan-04 16:30	07-Jan-04 09:39
SA06959-05	Axi TB (050104)	Aqueous	05-Jan-04 00:00	07-Jan-04 09:39

I attest that all information contained within this report has been reviewed for accuracy and checked against all quality control requirements outlined in each applicable method and meet the requirements of NELAC.
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Massachusetts Certification # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87600
Maine # MA138
New Hampshire # 2538
New York # 11393
Rhode Island # 98
USDA # S-51435

ACCREDITED IN ACCORDANCE WITH nelac

Authorized by:

Hanibal C. Tayeh, Ph.D.
President/Laboratory Director

Please refer to our "Quality" webpage at www.spectrum-analytical.com for a full listing of our current certifications.

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-1 (3-5) 06959-01	0013172	Soil	05-Jan-04 13:35	07-Jan-04

Analyte(s)	*Result*	*RDL/Units	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
VOC Extraction	Lab Extracted	N/A	1	VOC	07-Jan-04	07-Jan-04	4010285	lm	
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							
Acetone	BRL	2120 ug/kg dry	50	SW 846 8260B	07-Jan-04	07-Jan-04	4010247	tim	
Acrylonitrile	BRL	106 ug/kg dry	50	"	"	"	"	"	
Benzene	BRL	106 ug/kg dry	50	"	"	"	"	"	
Bromobenzene	BRL	106 ug/kg dry	50	"	"	"	"	"	
Bromochloromethane	BRL	106 ug/kg dry	50	"	"	"	"	"	
Bromodichloromethane	BRL	106 ug/kg dry	50	"	"	"	"	"	
Bromoform	BRL	106 ug/kg dry	50	"	"	"	"	"	
Bromomethane	BRL	212 ug/kg dry	50	"	"	"	"	"	
2-Butanone (MEK)	BRL	1060 ug/kg dry	50	"	"	"	"	"	
n-Butylbenzene	BRL	106 ug/kg dry	50	"	"	"	"	"	
sec-Butylbenzene	BRL	106 ug/kg dry	50	"	"	"	"	"	
tert-Butylbenzene	BRL	106 ug/kg dry	50	"	"	"	"	"	
Carbon disulfide	BRL	529 ug/kg dry	50	"	"	"	"	"	
Carbon tetrachloride	BRL	106 ug/kg dry	50	"	"	"	"	"	
Chlorobenzene	BRL	106 ug/kg dry	50	"	"	"	"	"	
loroethane	BRL	212 ug/kg dry	50	"	"	"	"	"	
oroform	BRL	106 ug/kg dry	50	"	"	"	"	"	
Chloromethane	BRL	212 ug/kg dry	50	"	"	"	"	"	
2-Chlorotoluene	BRL	106 ug/kg dry	50	"	"	"	"	"	
4-Chlorotoluene	BRL	106 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	212 ug/kg dry	50	"	"	"	"	"	
Dibromochloromethane	BRL	106 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	106 ug/kg dry	50	"	"	"	"	"	
Dibromomethane	BRL	106 ug/kg dry	50	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	106 ug/kg dry	50	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	106 ug/kg dry	50	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	106 ug/kg dry	50	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	212 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethane	BRL	106 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloroethane	BRL	106 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethene	BRL	106 ug/kg dry	50	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	106 ug/kg dry	50	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	106 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloropropane	BRL	106 ug/kg dry	50	"	"	"	"	"	
1,3-Dichloropropane	BRL	106 ug/kg dry	50	"	"	"	"	"	
2,2-Dichloropropane	BRL	106 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloropropene	BRL	106 ug/kg dry	50	"	"	"	"	"	
,3-Dichloropropene	BRL	106 ug/kg dry	50	"	"	"	"	"	
-1,3-Dichloropropene	BRL	106 ug/kg dry	50	"	"	"	"	"	
Ethylbenzene	BRL	106 ug/kg dry	50	"	"	"	"	"	
Hexachlorobutadiene	BRL	106 ug/kg dry	50	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-1 (3-5) 06959-01	0013172	Soil	05-Jan-04 13:35	07-Jan-04

Analyte(s)	*Result*	*RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							
2-Hexanone (MBK)	BRL	1060 ug/kg dry	50	"	"	"	"	"	
Isopropylbenzene	BRL	106 ug/kg dry	50	"	"	"	"	"	
4-Isopropyltoluene	BRL	106 ug/kg dry	50	"	"	"	"	"	
Methyl tert-butyl ether	BRL	106 ug/kg dry	50	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	1060 ug/kg dry	50	"	"	"	"	"	
Methylene chloride	BRL	1060 ug/kg dry	50	"	"	"	"	"	
Naphthalene	BRL	106 ug/kg dry	50	"	"	"	"	"	
n-Propylbenzene	BRL	106 ug/kg dry	50	"	"	"	"	"	
Styrene	BRL	106 ug/kg dry	50	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	106 ug/kg dry	50	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	106 ug/kg dry	50	"	"	"	"	"	
Tetrachloroethene	BRL	106 ug/kg dry	50	"	"	"	"	"	
Toluene	BRL	106 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	106 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	106 ug/kg dry	50	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	106 ug/kg dry	50	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	106 ug/kg dry	50	"	"	"	"	"	
Trichloroethene	BRL	106 ug/kg dry	50	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	106 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	106 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	106 ug/kg dry	50	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	106 ug/kg dry	50	"	"	"	"	"	
Vinyl chloride	BRL	106 ug/kg dry	50	"	"	"	"	"	
m,p-Xylene	BRL	212 ug/kg dry	50	"	"	"	"	"	
o-Xylene	BRL	106 ug/kg dry	50	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*100*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*108*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*103*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*102*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-1 (3-5) A06959-01	0013172	Soil	05-Jan-04 13:35	07-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3550B									
Acenaphthene	BRL	161 ug/kg dry	1	SW846 8270C	07-Jan-04	07-Jan-04	4010242	M.B	
Acenaphthylene	BRL	161 ug/kg dry	1	"	"	"	"	"	
Aniline	BRL	161 ug/kg dry	1	"	"	"	"	"	
Anthracene	BRL	161 ug/kg dry	1	"	"	"	"	"	
Azobenzene/Diphenyldiazine	BRL	161 ug/kg dry	1	"	"	"	"	"	
Benzidine	BRL	161 ug/kg dry	1	"	"	"	"	"	
Benzo (a) anthracene	BRL	161 ug/kg dry	1	"	"	"	"	"	
Benzo (a) pyrene	BRL	161 ug/kg dry	1	"	"	"	"	"	
Benzo (b) fluoranthene	BRL	161 ug/kg dry	1	"	"	"	"	"	
Benzo (g,h,i) perylene	BRL	161 ug/kg dry	1	"	"	"	"	"	
Benzo (k) fluoranthene	BRL	161 ug/kg dry	1	"	"	"	"	"	
Benzoic acid	BRL	161 ug/kg dry	1	"	"	"	"	"	
Benzyl alcohol	BRL	161 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroethoxy)methane	BRL	161 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroethyl)ether	BRL	161 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	BRL	161 ug/kg dry	1	"	"	"	"	"	
(2-ethylhexyl)phthalate	BRL	161 ug/kg dry	1	"	"	"	"	"	
romophenyl phenyl ether	BRL	161 ug/kg dry	1	"	"	"	"	"	
Butyl benzyl phthalate	BRL	161 ug/kg dry	1	"	"	"	"	"	
Carbazole	BRL	161 ug/kg dry	1	"	"	"	"	"	
4-Chloro-3-methylphenol	BRL	161 ug/kg dry	1	"	"	"	"	"	
4-Chloroaniline	BRL	161 ug/kg dry	1	"	"	"	"	"	
2-Chloronaphthalene	BRL	161 ug/kg dry	1	"	"	"	"	"	
2-Chlorophenol	BRL	161 ug/kg dry	1	"	"	"	"	"	
4-Chlorophenyl phenyl ether	BRL	161 ug/kg dry	1	"	"	"	"	"	
Chrysene	BRL	161 ug/kg dry	1	"	"	"	"	"	
Dibenzo (a,h) anthracene	BRL	161 ug/kg dry	1	"	"	"	"	"	
Dibenzofuran	BRL	161 ug/kg dry	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	161 ug/kg dry	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	161 ug/kg dry	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	161 ug/kg dry	1	"	"	"	"	"	
3,3'-Dichlorobenzidine	BRL	161 ug/kg dry	1	"	"	"	"	"	
2,4-Dichlorophenol	BRL	161 ug/kg dry	1	"	"	"	"	"	
Diethyl phthalate	BRL	161 ug/kg dry	1	"	"	"	"	"	
Dimethyl phthalate	BRL	161 ug/kg dry	1	"	"	"	"	"	
2,4-Dimethylphenol	BRL	161 ug/kg dry	1	"	"	"	"	"	
Di-n-butyl phthalate	BRL	161 ug/kg dry	1	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	BRL	161 ug/kg dry	1	"	"	"	"	"	
Dinitrophenol	BRL	161 ug/kg dry	1	"	"	"	"	"	
Dinitrotoluene	BRL	161 ug/kg dry	1	"	"	"	"	"	
2,6-Dinitrotoluene	BRL	161 ug/kg dry	1	"	"	"	"	"	
Di-n-octyl phthalate	BRL	161 ug/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-1 (3-5) ~ 06959-01	0013172	Soil	05-Jan-04 13:35	07-Jan-04

Analyte(s)	Result	*RDL/Units	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst	Flag
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3550B									
Fluoranthene	BRL	161 ug/kg dry	1	"	"	"	"	"	
Fluorene	BRL	161 ug/kg dry	1	"	"	"	"	"	
Hexachlorobenzene	BRL	161 ug/kg dry	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	161 ug/kg dry	1	"	"	"	"	"	
Hexachlorocyclopentadiene	BRL	161 ug/kg dry	1	"	"	"	"	"	
Hexachloroethane	BRL	161 ug/kg dry	1	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	BRL	161 ug/kg dry	1	"	"	"	"	"	
1-Methylnaphthalene	BRL	161 ug/kg dry	1	"	"	"	"	"	
Isophorone	BRL	161 ug/kg dry	1	"	"	"	"	"	
2-Methylnaphthalene	BRL	161 ug/kg dry	1	"	"	"	"	"	
2-Methylphenol	BRL	161 ug/kg dry	1	"	"	"	"	"	
3-Methylphenol	BRL	161 ug/kg dry	1	"	"	"	"	"	
4-Methylphenol	BRL	161 ug/kg dry	1	"	"	"	"	"	
Naphthalene	BRL	161 ug/kg dry	1	"	"	"	"	"	
2-Nitroaniline	BRL	161 ug/kg dry	1	"	"	"	"	"	
3-Nitroaniline	BRL	161 ug/kg dry	1	"	"	"	"	"	
Nitroaniline	BRL	161 ug/kg dry	1	"	"	"	"	"	
robenzene	BRL	161 ug/kg dry	1	"	"	"	"	"	
Nitrophenol	BRL	161 ug/kg dry	1	"	"	"	"	"	
Nitrophenol	BRL	161 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodimethylamine	BRL	161 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodi-n-propylamine	BRL	161 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodiphenylamine	BRL	161 ug/kg dry	1	"	"	"	"	"	
Pentachlorophenol	BRL	161 ug/kg dry	1	"	"	"	"	"	
Phenanthrene	BRL	161 ug/kg dry	1	"	"	"	"	"	
Phenol	BRL	161 ug/kg dry	1	"	"	"	"	"	
Pyrene	BRL	161 ug/kg dry	1	"	"	"	"	"	
Pyridine	BRL	161 ug/kg dry	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	161 ug/kg dry	1	"	"	"	"	"	
2,4,5-Trichlorophenol	BRL	161 ug/kg dry	1	"	"	"	"	"	
2,4,6-Trichlorophenol	BRL	161 ug/kg dry	1	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl	*63.3*	*30-130 %*		"	"	"	"	"	
Surrogate: 2-Fluorophenol	*71.0*	*15-110 %*		"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*55.4*	*30-130 %*		"	"	"	"	"	
Surrogate: Phenol-d5	*63.4*	*15-110 %*		"	"	"	"	"	
Surrogate: Terphenyl-dl4	*75.7*	*30-130 %*		"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol	*110*	*15-110 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-1 (3-5) 06959-01	0013172	Soil	05-Jan-04 13:35	07-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Total Metals by EPA 6000/7000 Series Methods, Prepared by SW846 3050B									
Mercury	BRL	0.216 mg/kg dry	1	SW846 7471A	07-Jan-04	08-Jan-04	4010278	YP	
Total Metals by EPA 200 Series Methods									
Silver	BRL	2.35 mg/kg dry	1	EPA 200.7	"	08-Jan-04	4010277	RE	
Aluminum	10,900	3.52 mg/kg dry	1	"	"	"	"	"	
Arsenic	4.17	3.52 mg/kg dry	1	"	"	"	"	"	
Barium	51.4	1.17 mg/kg dry	1	"	"	"	"	"	
Beryllium	0.528	0.469 mg/kg dry	1	"	"	"	"	"	
Calcium	34,600	235 mg/kg dry	20	"	"	08-Jan-04	"	"	
Cadmium	0.810	0.587 mg/kg dry	1	"	"	08-Jan-04	"	"	
Cobalt	8.29	1.17 mg/kg dry	1	"	"	"	"	"	
Chromium	14.7	1.17 mg/kg dry	1	"	"	"	"	"	
Copper	24.7	1.17 mg/kg dry	1	"	"	"	"	"	
Iron	25,100	23.5 mg/kg dry	20	"	"	08-Jan-04	"	"	
Potassium	907	23.5 mg/kg dry	1	"	"	08-Jan-04	"	"	
Magnesium	10,400	117 mg/kg dry	20	"	"	"	"	"	
Manganese	471	0.235 mg/kg dry	1	"	"	"	"	"	
Sodium	BRL	1030 mg/kg dry	1	"	"	"	"	"	
[illegible]kel	22.2	1.17 mg/kg dry	1	"	"	"	"	"	
[illegible]d	5.77	1.76 mg/kg dry	1	"	"	"	"	"	
Antimony	BRL	3.52 mg/kg dry	1	"	"	"	"	"	
Selenium	BRL	3.52 mg/kg dry	1	"	"	"	"	"	
Thallium	BRL	3.52 mg/kg dry	1	"	"	"	"	"	
Vanadium	15.2	1.17 mg/kg dry	1	"	"	"	"	"	
Zinc	60.0	1.17 mg/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-1 (3-5) A06959-01	0013172	Soil	05-Jan-04 13:35	07-Jan-04

Analyte(s)	Result	*RDL/Units	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst	Flag
General Chemistry Parameters									
% Solids	82.6	%	1	SM2540 G Mod.	07-Jan-04	08-Jan-04	4010249	ln	
Hexavalent Chromium	BRL	11.7 mg/kg dry	1	SW846 3060A	07-Jan-04	08-Jan-04	4010352	aj	
Cyanide (total)	BRL	1.19 mg/kg dry	1	10-204-00-1-A	08-Jan-04	08-Jan-04	4010344	AW	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-1 (3-5) 06959-01RE1	0013172	Soil	05-Jan-04 13:35	07-Jan-04

Analyte(s)	*Result*	*RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5035A							
Acetone	BRL	142 ug/kg dry	1	SW 846 8260B	08-Jan-04	08-Jan-04	4010293	tim	
Acrylonitrile	BRL	7.12 ug/kg dry	1	"	"	"	"	"	
Benzene	BRL	7.12 ug/kg dry	1	"	"	"	"	"	
Bromobenzene	BRL	7.12 ug/kg dry	1	"	"	"	"	"	
Bromochloromethane	BRL	7.12 ug/kg dry	1	"	"	"	"	"	
Bromodichloromethane	BRL	7.12 ug/kg dry	1	"	"	"	"	"	
Bromoform	BRL	7.12 ug/kg dry	1	"	"	"	"	"	
Bromomethane	BRL	14.2 ug/kg dry	1	"	"	"	"	"	
2-Butanone (MEK)	BRL	71.2 ug/kg dry	1	"	"	"	"	"	
n-Butylbenzene	BRL	7.12 ug/kg dry	1	"	"	"	"	"	
sec-Butylbenzene	BRL	7.12 ug/kg dry	1	"	"	"	"	"	
tert-Butylbenzene	BRL	7.12 ug/kg dry	1	"	"	"	"	"	
Carbon disulfide	BRL	35.6 ug/kg dry	1	"	"	"	"	"	
Carbon tetrachloride	BRL	7.12 ug/kg dry	1	"	"	"	"	"	
Chlorobenzene	BRL	7.12 ug/kg dry	1	"	"	"	"	"	
Chloroethane	BRL	14.2 ug/kg dry	1	"	"	"	"	"	
[illegible]oroform	BRL	7.12 ug/kg dry	1	"	"	"	"	"	
[illegible]oromethane	BRL	14.2 ug/kg dry	1	"	"	"	"	"	
2-Chlorotoluene	BRL	7.12 ug/kg dry	1	"	"	"	"	"	
4-Chlorotoluene	BRL	7.12 ug/kg dry	1	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	14.2 ug/kg dry	1	"	"	"	"	"	
Dibromochloromethane	BRL	7.12 ug/kg dry	1	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	7.12 ug/kg dry	1	"	"	"	"	"	
Dibromomethane	BRL	7.12 ug/kg dry	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	7.12 ug/kg dry	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	7.12 ug/kg dry	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	7.12 ug/kg dry	1	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	14.2 ug/kg dry	1	"	"	"	"	"	
1,1-Dichloroethane	BRL	7.12 ug/kg dry	1	"	"	"	"	"	
1,2-Dichloroethane	BRL	7.12 ug/kg dry	1	"	"	"	"	"	
1,1-Dichloroethene	BRL	7.12 ug/kg dry	1	"	"	"	"	"	
cis-1,2-Dichloroethene	27.2	7.12 ug/kg dry	1	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	7.12 ug/kg dry	1	"	"	"	"	"	
1,2-Dichloropropane	BRL	7.12 ug/kg dry	1	"	"	"	"	"	
1,3-Dichloropropane	BRL	7.12 ug/kg dry	1	"	"	"	"	"	
2,2-Dichloropropane	BRL	7.12 ug/kg dry	1	"	"	"	"	"	
1,1-Dichloropropene	BRL	7.12 ug/kg dry	1	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	7.12 ug/kg dry	1	"	"	"	"	"	
[illegible]-1,3-Dichloropropene	BRL	7.12 ug/kg dry	1	"	"	"	"	"	
[illegible]enzene	BRL	7.12 ug/kg dry	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	7.12 ug/kg dry	1	"	"	"	"	"	
2-Hexanone (MBK)	BRL	71.2 ug/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-1 (3-5) 06959-01RE1	0013172	Soil	05-Jan-04 13:35	07-Jan-04

nalyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5035A							
Isopropylbenzene	BRL	7.12 ug/kg dry	1	"	"	"	"	"	
4-Isopropyltoluene	BRL	7.12 ug/kg dry	1	"	"	"	"	"	
Methyl tert-butyl ether	BRL	7.12 ug/kg dry	1	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	71.2 ug/kg dry	1	"	"	"	"	"	
Methylene chloride	BRL	71.2 ug/kg dry	1	"	"	"	"	"	
Naphthalene	BRL	7.12 ug/kg dry	1	"	"	"	"	"	
n-Propylbenzene	BRL	7.12 ug/kg dry	1	"	"	"	"	"	
Styrene	BRL	7.12 ug/kg dry	1	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	7.12 ug/kg dry	1	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	7.12 ug/kg dry	1	"	"	"	"	"	
Tetrachloroethene	BRL	7.12 ug/kg dry	1	"	"	"	"	"	
Toluene	BRL	7.12 ug/kg dry	1	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	7.12 ug/kg dry	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	7.12 ug/kg dry	1	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	7.12 ug/kg dry	1	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	7.12 ug/kg dry	1	"	"	"	"	"	
'chloroethene	17.5	7.12 ug/kg dry	1	"	"	"	"	"	
.chlorofluoromethane (Freon 11)	BRL	7.12 ug/kg dry	1	"	"	"	"	"	
?,3-Trichloropropane	BRL	7.12 ug/kg dry	1	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	7.12 ug/kg dry	1	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	7.12 ug/kg dry	1	"	"	"	"	"	
Vinyl chloride	BRL	7.12 ug/kg dry	1	"	"	"	"	"	
m,p-Xylene	BRL	14.2 ug/kg dry	1	"	"	"	"	"	
o-Xylene	BRL	7.12 ug/kg dry	1	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*97.4*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*101*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*98.4*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*104*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi MW-5 (5-7) ^06959-02	0013172	Soil	05-Jan-04 14:03	07-Jan-04

Analyte(s)	*Result*	*RDL/Units	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
VOC Extraction	Lab Extracted	N/A	1	VOC	07-Jan-04	07-Jan-04	4010285	ln	
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							
Acetone	BRL	1790 ug/kg dry	50	SW 846 8260B	07-Jan-04	07-Jan-04	4010247	tim	
Acrylonitrile	BRL	89.7 ug/kg dry	50	"	"	"	"	"	
Benzene	BRL	89.7 ug/kg dry	50	"	"	"	"	"	
Bromobenzene	BRL	89.7 ug/kg dry	50	"	"	"	"	"	
Bromochloromethane	BRL	89.7 ug/kg dry	50	"	"	"	"	"	
Bromodichloromethane	BRL	89.7 ug/kg dry	50	"	"	"	"	"	
Bromoform	BRL	89.7 ug/kg dry	50	"	"	"	"	"	
Bromomethane	BRL	179 ug/kg dry	50	"	"	"	"	"	
2-Butanone (MEK)	BRL	897 ug/kg dry	50	"	"	"	"	"	
n-Butylbenzene	BRL	89.7 ug/kg dry	50	"	"	"	"	"	
sec-Butylbenzene	BRL	89.7 ug/kg dry	50	"	"	"	"	"	
tert-Butylbenzene	BRL	89.7 ug/kg dry	50	"	"	"	"	"	
Carbon disulfide	BRL	448 ug/kg dry	50	"	"	"	"	"	
Carbon tetrachloride	BRL	89.7 ug/kg dry	50	"	"	"	"	"	
Chlorobenzene	BRL	89.7 ug/kg dry	50	"	"	"	"	"	
~~loroethane	BRL	179 ug/kg dry	50	"	"	"	"	"	
.oroform	BRL	89.7 ug/kg dry	50	"	"	"	"	"	
Chloromethane	BRL	179 ug/kg dry	50	"	"	"	"	"	
2-Chlorotoluene	BRL	89.7 ug/kg dry	50	"	"	"	"	"	
4-Chlorotoluene	BRL	89.7 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	179 ug/kg dry	50	"	"	"	"	"	
Dibromochloromethane	BRL	89.7 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	89.7 ug/kg dry	50	"	"	"	"	"	
Dibromomethane	BRL	89.7 ug/kg dry	50	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	89.7 ug/kg dry	50	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	89.7 ug/kg dry	50	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	89.7 ug/kg dry	50	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	179 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethane	BRL	89.7 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloroethane	BRL	89.7 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethene	BRL	89.7 ug/kg dry	50	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	89.7 ug/kg dry	50	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	89.7 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloropropane	BRL	89.7 ug/kg dry	50	"	"	"	"	"	
1,3-Dichloropropane	BRL	89.7 ug/kg dry	50	"	"	"	"	"	
2,2-Dichloropropane	BRL	89.7 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloropropene	BRL	89.7 ug/kg dry	50	"	"	"	"	"	
1,3-Dichloropropene	BRL	89.7 ug/kg dry	50	"	"	"	"	"	
-1,3-Dichloropropene	BRL	89.7 ug/kg dry	50	"	"	"	"	"	
Ethylbenzene	BRL	89.7 ug/kg dry	50	"	"	"	"	"	
Hexachlorobutadiene	BRL	89.7 ug/kg dry	50	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi MW-5 (5-7) 06959-02	0013172	Soil	05-Jan-04 14:03	07-Jan-04

nalyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							
2-Hexanone (MBK)	BRL	897 ug/kg dry	50	"	"	"	"	"	
Isopropylbenzene	BRL	89.7 ug/kg dry	50	"	"	"	"	"	
4-Isopropyltoluene	BRL	89.7 ug/kg dry	50	"	"	"	"	"	
Methyl tert-butyl ether	BRL	89.7 ug/kg dry	50	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	897 ug/kg dry	50	"	"	"	"	"	
Methylene chloride	BRL	897 ug/kg dry	50	"	"	"	"	"	
Naphthalene	BRL	89.7 ug/kg dry	50	"	"	"	"	"	
n-Propylbenzene	BRL	89.7 ug/kg dry	50	"	"	"	"	"	
Styrene	BRL	89.7 ug/kg dry	50	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	89.7 ug/kg dry	50	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	89.7 ug/kg dry	50	"	"	"	"	"	
Tetrachloroethene	BRL	89.7 ug/kg dry	50	"	"	"	"	"	
Toluene	BRL	89.7 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	89.7 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	89.7 ug/kg dry	50	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	89.7 ug/kg dry	50	"	"	"	"	"	
2-Trichloroethane	BRL	89.7 ug/kg dry	50	"	"	"	"	"	
nloroethene	BRL	89.7 ug/kg dry	50	"	"	"	"	"	
richlorofluoromethane (Freon 11)	BRL	89.7 ug/kg dry	50	"	"	"	"	"	
,2,3-Trichloropropane	BRL	89.7 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	89.7 ug/kg dry	50	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	89.7 ug/kg dry	50	"	"	"	"	"	
Vinyl chloride	BRL	89.7 ug/kg dry	50	"	"	"	"	"	
m,p-Xylene	BRL	179 ug/kg dry	50	"	"	"	"	"	
o-Xylene	BRL	89.7 ug/kg dry	50	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*103*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*99.0*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*105*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*103*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi MW-5 (5-7) 06959-02	0013172	Soil	05-Jan-04 14:03	07-Jan-04

Analyte(s)	*Result*	*RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GC									
Polychlorinated Biphenyls by SW846 8082		Prepared by method SW846 3550B							
PCB 1016	BRL	36.4 ug/kg dry	1	SW846 8082	07-Jan-04	08-Jan-04	4010243	MP	
PCB 1221	BRL	36.4 ug/kg dry	1	"	"	"	"	"	
PCB 1232	BRL	36.4 ug/kg dry	1	"	"	"	"	"	
PCB 1242	BRL	36.4 ug/kg dry	1	"	"	"	"	"	
PCB 1248	BRL	36.4 ug/kg dry	1	"	"	"	"	"	
PCB 1254	BRL	36.4 ug/kg dry	1	"	"	"	"	"	
PCB 1260	BRL	36.4 ug/kg dry	1	"	"	"	"	"	
PCB 1262	BRL	36.4 ug/kg dry	1	"	"	"	"	"	
PCB 1268	BRL	36.4 ug/kg dry	1	"	"	"	"	"	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*88.4*	*40-140 %*		"	"	"	"	"	
Surrogate: Decachlorobiphenyl (Sr)	*71.3*	*40-140 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C		Prepared by method SW846 3550B							
Acenaphthene	BRL	165 ug/kg dry	1	SW846 8270C	07-Jan-04	07-Jan-04	4010242	M.B	
Acenaphthylene	BRL	165 ug/kg dry	1	"	"	"	"	"	
[illegible]ine	BRL	165 ug/kg dry	1	"	"	"	"	"	
[illegible]thracene	BRL	165 ug/kg dry	1	"	"	"	"	"	
Azobenzene/Diphenyldiazine	BRL	165 ug/kg dry	1	"	"	"	"	"	
Benzidine	BRL	165 ug/kg dry	1	"	"	"	"	"	
Benzo (a) anthracene	BRL	165 ug/kg dry	1	"	"	"	"	"	
Benzo (a) pyrene	BRL	165 ug/kg dry	1	"	"	"	"	"	
Benzo (b) fluoranthene	BRL	165 ug/kg dry	1	"	"	"	"	"	
Benzo (g,h,i) perylene	BRL	165 ug/kg dry	1	"	"	"	"	"	
Benzo (k) fluoranthene	BRL	165 ug/kg dry	1	"	"	"	"	"	
Benzoic acid	BRL	165 ug/kg dry	1	"	"	"	"	"	
Benzyl alcohol	BRL	165 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroethoxy)methane	BRL	165 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroethyl)ether	BRL	165 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	BRL	165 ug/kg dry	1	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	BRL	165 ug/kg dry	1	"	"	"	"	"	
4-Bromophenyl phenyl ether	BRL	165 ug/kg dry	1	"	"	"	"	"	
Butyl benzyl phthalate	BRL	165 ug/kg dry	1	"	"	"	"	"	
Carbazole	BRL	165 ug/kg dry	1	"	"	"	"	"	
4-Chloro-3-methylphenol	BRL	165 ug/kg dry	1	"	"	"	"	"	
4-Chloroaniline	BRL	165 ug/kg dry	1	"	"	"	"	"	
2-Chloronaphthalene	BRL	165 ug/kg dry	1	"	"	"	"	"	
2-Chlorophenol	BRL	165 ug/kg dry	1	"	"	"	"	"	
[illegible]lorophenyl phenyl ether	BRL	165 ug/kg dry	1	"	"	"	"	"	
[illegible]ysene	BRL	165 ug/kg dry	1	"	"	"	"	"	
Dibenzo (a,h) anthracene	BRL	165 ug/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi MW-5 (5-7) 06959-02	0013172	Soil	05-Jan-04 14:03	07-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*

Semivolatile Organic Compounds by GCMS

Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3550B

Dibenzofuran	BRL	165 ug/kg dry	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	165 ug/kg dry	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	165 ug/kg dry	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	165 ug/kg dry	1	"	"	"	"	"	
3,3'-Dichlorobenzidine	BRL	165 ug/kg dry	1	"	"	"	"	"	
2,4-Dichlorophenol	BRL	165 ug/kg dry	1	"	"	"	"	"	
Diethyl phthalate	BRL	165 ug/kg dry	1	"	"	"	"	"	
Dimethyl phthalate	BRL	165 ug/kg dry	1	"	"	"	"	"	
2,4-Dimethylphenol	BRL	165 ug/kg dry	1	"	"	"	"	"	
Di-n-butyl phthalate	BRL	165 ug/kg dry	1	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	BRL	165 ug/kg dry	1	"	"	"	"	"	
2,4-Dinitrophenol	BRL	165 ug/kg dry	1	"	"	"	"	"	
2,4-Dinitrotoluene	BRL	165 ug/kg dry	1	"	"	"	"	"	
2,6-Dinitrotoluene	BRL	165 ug/kg dry	1	"	"	"	"	"	
Di-n-octyl phthalate	BRL	165 ug/kg dry	1	"	"	"	"	"	
Fluoranthene	BRL	165 ug/kg dry	1	"	"	"	"	"	
[illegible]rene	BRL	165 ug/kg dry	1	"	"	"	"	"	
[illegible]achlorobenzene	BRL	165 ug/kg dry	1	"	"	"	"	"	
[illegible]xachlorobutadiene	BRL	165 ug/kg dry	1	"	"	"	"	"	
[illegible]exachlorocyclopentadiene	BRL	165 ug/kg dry	1	"	"	"	"	"	
Hexachloroethane	BRL	165 ug/kg dry	1	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	BRL	165 ug/kg dry	1	"	"	"	"	"	
1-Methylnaphthalene	BRL	165 ug/kg dry	1	"	"	"	"	"	
Isophorone	BRL	165 ug/kg dry	1	"	"	"	"	"	
2-Methylnaphthalene	BRL	165 ug/kg dry	1	"	"	"	"	"	
2-Methylphenol	BRL	165 ug/kg dry	1	"	"	"	"	"	
3-Methylphenol	BRL	165 ug/kg dry	1	"	"	"	"	"	
4-Methylphenol	BRL	165 ug/kg dry	1	"	"	"	"	"	
Naphthalene	BRL	165 ug/kg dry	1	"	"	"	"	"	
2-Nitroaniline	BRL	165 ug/kg dry	1	"	"	"	"	"	
3-Nitroaniline	BRL	165 ug/kg dry	1	"	"	"	"	"	
4-Nitroaniline	BRL	165 ug/kg dry	1	"	"	"	"	"	
Nitrobenzene	BRL	165 ug/kg dry	1	"	"	"	"	"	
2-Nitrophenol	BRL	165 ug/kg dry	1	"	"	"	"	"	
4-Nitrophenol	BRL	165 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodimethylamine	BRL	165 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodi-n-propylamine	BRL	165 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodiphenylamine	BRL	165 ug/kg dry	1	"	"	"	"	"	
P[illegible]achlorophenol	BRL	165 ug/kg dry	1	"	"	"	"	"	
[illegible]anthrene	BRL	165 ug/kg dry	1	"	"	"	"	"	
Phenol	BRL	165 ug/kg dry	1	"	"	"	"	"	
[illegible]ene	BRL	165 ug/kg dry	1	"	"	"	"	"	

This laboratory report is not valid without an authorized signature on the cover page.

*Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi MW-5 (5-7) 06959-02	0013172	Soil	05-Jan-04 14:03	07-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3550B									
Pyridine	BRL	165 ug/kg dry	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	165 ug/kg dry	1	"	"	"	"	"	
2,4,5-Trichlorophenol	BRL	165 ug/kg dry	1	"	"	"	"	"	
2,4,6-Trichlorophenol	BRL	165 ug/kg dry	1	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl	*60.0*	*30-130 %*		"	"	"	"	"	
Surrogate: 2-Fluorophenol	*64.6*	*15-110 %*		"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*50.4*	*30-130 %*		"	"	"	"	"	
Surrogate: Phenol-d5	*56.8*	*15-110 %*		"	"	"	"	"	
Surrogate: Terphenyl-d14	*71.0*	*30-130 %*		"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol	*98.3*	*15-110 %*		"	"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods, Prepared by SW846 3050B									
Mercury	BRL	0.189 mg/kg dry	1	SW846 7471A	07-Jan-04	08-Jan-04	4010278	YP	
Total Metals by EPA 200 Series Methods									
Silver	BRL	2.26 mg/kg dry	1	EPA 200.7	"	08-Jan-04	4010277	RE	
Aluminum	11,100	3.39 mg/kg dry	1	"	"	"	"	"	
Arsenic	BRL	3.39 mg/kg dry	1	"	"	"	"	"	
Barium	49.5	1.13 mg/kg dry	1	"	"	"	"	"	
Beryllium	0.475	0.453 mg/kg dry	1	"	"	"	"	"	
Calcium	3,390	226 mg/kg dry	20	"	"	08-Jan-04	"	"	
Cadmium	0.815	0.566 mg/kg dry	1	"	"	08-Jan-04	"	"	
Cobalt	9.41	1.13 mg/kg dry	1	"	"	"	"	"	
Chromium	15.4	1.13 mg/kg dry	1	"	"	"	"	"	
Copper	25.0	1.13 mg/kg dry	1	"	"	"	"	"	
Iron	25,400	22.6 mg/kg dry	20	"	"	08-Jan-04	"	"	
Potassium	BRL	622 mg/kg dry	1	"	"	08-Jan-04	"	"	
Magnesium	3,840	5.66 mg/kg dry	1	"	"	"	"	"	
Manganese	647	0.226 mg/kg dry	1	"	"	"	"	"	
Sodium	BRL	990 mg/kg dry	1	"	"	"	"	"	
Nickel	22.3	1.13 mg/kg dry	1	"	"	"	"	"	
Lead	6.19	1.70 mg/kg dry	1	"	"	"	"	"	
Antimony	BRL	3.39 mg/kg dry	1	"	"	"	"	"	
Selenium	BRL	3.39 mg/kg dry	1	"	"	"	"	"	
Thallium	BRL	3.39 mg/kg dry	1	"	"	"	"	"	
Vanadium	14.1	1.13 mg/kg dry	1	"	"	"	"	"	
Zinc	69.0	1.13 mg/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi MW-5 (5-7) 96959-02	0013172	Soil	05-Jan-04 14:03	07-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
General Chemistry Parameters									
% Solids	83.9	%	1	SM2540 G Mod.	07-Jan-04	08-Jan-04	4010249	ln	
Hexavalent Chromium	BRL	11.1 mg/kg dry	1	SW846 3060A	07-Jan-04	08-Jan-04	4010352	aj	
Cyanide (total)	BRL	1.14 mg/kg dry	1	10-204-00-1-A	08-Jan-04	08-Jan-04	4010344	AW	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi MW-5 (5-7) 06959-02RE1	0013172	Soil	05-Jan-04 14:03	07-Jan-04

Analyte(s)	*Result*	*RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5035A							
Acetone	BRL	164 ug/kg dry	1	SW 846 8260B	08-Jan-04	08-Jan-04	4010293	tim	
Acrylonitrile	BRL	8.19 ug/kg dry	1	"	"	"	"	"	
Benzene	BRL	8.19 ug/kg dry	1	"	"	"	"	"	
Bromobenzene	BRL	8.19 ug/kg dry	1	"	"	"	"	"	
Bromochloromethane	BRL	8.19 ug/kg dry	1	"	"	"	"	"	
Bromodichloromethane	BRL	8.19 ug/kg dry	1	"	"	"	"	"	
Bromoform	BRL	8.19 ug/kg dry	1	"	"	"	"	"	
Bromomethane	BRL	16.4 ug/kg dry	1	"	"	"	"	"	
2-Butanone (MEK)	BRL	81.9 ug/kg dry	1	"	"	"	"	"	
n-Butylbenzene	BRL	8.19 ug/kg dry	1	"	"	"	"	"	
sec-Butylbenzene	BRL	8.19 ug/kg dry	1	"	"	"	"	"	
tert-Butylbenzene	BRL	8.19 ug/kg dry	1	"	"	"	"	"	
Carbon disulfide	BRL	41.0 ug/kg dry	1	"	"	"	"	"	
Carbon tetrachloride	BRL	8.19 ug/kg dry	1	"	"	"	"	"	
Chlorobenzene	BRL	8.19 ug/kg dry	1	"	"	"	"	"	
Chloroethane	BRL	16.4 ug/kg dry	1	"	"	"	"	"	
Chloroform	BRL	8.19 ug/kg dry	1	"	"	"	"	"	
Chloromethane	BRL	16.4 ug/kg dry	1	"	"	"	"	"	
2-Chlorotoluene	BRL	8.19 ug/kg dry	1	"	"	"	"	"	
4-Chlorotoluene	BRL	8.19 ug/kg dry	1	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	16.4 ug/kg dry	1	"	"	"	"	"	
Dibromochloromethane	BRL	8.19 ug/kg dry	1	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	8.19 ug/kg dry	1	"	"	"	"	"	
Dibromomethane	BRL	8.19 ug/kg dry	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	8.19 ug/kg dry	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	8.19 ug/kg dry	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	8.19 ug/kg dry	1	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	16.4 ug/kg dry	1	"	"	"	"	"	
1,1-Dichloroethane	BRL	8.19 ug/kg dry	1	"	"	"	"	"	
1,2-Dichloroethane	BRL	8.19 ug/kg dry	1	"	"	"	"	"	
1,1-Dichloroethene	BRL	8.19 ug/kg dry	1	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	8.19 ug/kg dry	1	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	8.19 ug/kg dry	1	"	"	"	"	"	
1,2-Dichloropropane	BRL	8.19 ug/kg dry	1	"	"	"	"	"	
1,3-Dichloropropane	BRL	8.19 ug/kg dry	1	"	"	"	"	"	
2,2-Dichloropropane	BRL	8.19 ug/kg dry	1	"	"	"	"	"	
1,1-Dichloropropene	BRL	8.19 ug/kg dry	1	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	8.19 ug/kg dry	1	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	8.19 ug/kg dry	1	"	"	"	"	"	
Ethylbenzene	BRL	8.19 ug/kg dry	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	8.19 ug/kg dry	1	"	"	"	"	"	
2-Hexanone (MBK)	BRL	81.9 ug/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi MW-5 (5-7) A06959-02RE1	0013172	Soil	05-Jan-04 14:03	07-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5035A							
Isopropylbenzene	BRL	8.19 ug/kg dry	1	"	"	"	"	"	
4-Isopropyltoluene	BRL	8.19 ug/kg dry	1	"	"	"	"	"	
Methyl tert-butyl ether	BRL	8.19 ug/kg dry	1	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	81.9 ug/kg dry	1	"	"	"	"	"	
Methylene chloride	BRL	81.9 ug/kg dry	1	"	"	"	"	"	
Naphthalene	BRL	8.19 ug/kg dry	1	"	"	"	"	"	
n-Propylbenzene	BRL	8.19 ug/kg dry	1	"	"	"	"	"	
Styrene	BRL	8.19 ug/kg dry	1	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	8.19 ug/kg dry	1	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	8.19 ug/kg dry	1	"	"	"	"	"	
Tetrachloroethene	BRL	8.19 ug/kg dry	1	"	"	"	"	"	
Toluene	BRL	8.19 ug/kg dry	1	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	8.19 ug/kg dry	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	8.19 ug/kg dry	1	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	8.19 ug/kg dry	1	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	8.19 ug/kg dry	1	"	"	"	"	"	
Trichloroethene	BRL	8.19 ug/kg dry	1	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	8.19 ug/kg dry	1	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	8.19 ug/kg dry	1	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	8.19 ug/kg dry	1	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	8.19 ug/kg dry	1	"	"	"	"	"	
Vinyl chloride	BRL	8.19 ug/kg dry	1	"	"	"	"	"	
m,p-Xylene	BRL	16.4 ug/kg dry	1	"	"	"	"	"	
o-Xylene	BRL	8.19 ug/kg dry	1	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*98.2*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*102*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*98.4*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*104*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-2 (7-9) 06959-03	0013172	Soil	05-Jan-04 15:45	07-Jan-04

Analyte(s)	*Result*	*RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
VOC Extraction	Lab Extracted	N/A	1	VOC	07-Jan-04	07-Jan-04	4010285	lm	
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							
Acetone	BRL	915 ug/kg dry	50	SW 846 8260B	07-Jan-04	07-Jan-04	4010247	tim	
Acrylonitrile	BRL	45.7 ug/kg dry	50	"	"	"	"	"	
Benzene	BRL	45.7 ug/kg dry	50	"	"	"	"	"	
Bromobenzene	BRL	45.7 ug/kg dry	50	"	"	"	"	"	
Bromochloromethane	BRL	45.7 ug/kg dry	50	"	"	"	"	"	
Bromodichloromethane	BRL	45.7 ug/kg dry	50	"	"	"	"	"	
Bromoform	BRL	45.7 ug/kg dry	50	"	"	"	"	"	
Bromomethane	BRL	91.5 ug/kg dry	50	"	"	"	"	"	
2-Butanone (MEK)	BRL	457 ug/kg dry	50	"	"	"	"	"	
n-Butylbenzene	BRL	45.7 ug/kg dry	50	"	"	"	"	"	
sec-Butylbenzene	BRL	45.7 ug/kg dry	50	"	"	"	"	"	
tert-Butylbenzene	BRL	45.7 ug/kg dry	50	"	"	"	"	"	
Carbon disulfide	BRL	229 ug/kg dry	50	"	"	"	"	"	
Carbon tetrachloride	BRL	45.7 ug/kg dry	50	"	"	"	"	"	
Chlorobenzene	BRL	45.7 ug/kg dry	50	"	"	"	"	"	
loroethane	BRL	91.5 ug/kg dry	50	"	"	"	"	"	
oroform	BRL	45.7 ug/kg dry	50	"	"	"	"	"	
Chloromethane	BRL	91.5 ug/kg dry	50	"	"	"	"	"	
2-Chlorotoluene	BRL	45.7 ug/kg dry	50	"	"	"	"	"	
4-Chlorotoluene	BRL	45.7 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	91.5 ug/kg dry	50	"	"	"	"	"	
Dibromochloromethane	BRL	45.7 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	45.7 ug/kg dry	50	"	"	"	"	"	
Dibromomethane	BRL	45.7 ug/kg dry	50	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	45.7 ug/kg dry	50	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	45.7 ug/kg dry	50	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	45.7 ug/kg dry	50	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	91.5 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethane	BRL	45.7 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloroethane	BRL	45.7 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethene	BRL	45.7 ug/kg dry	50	"	"	"	"	"	
cis-1,2-Dichloroethene	561	45.7 ug/kg dry	50	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	45.7 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloropropane	BRL	45.7 ug/kg dry	50	"	"	"	"	"	
1,3-Dichloropropane	BRL	45.7 ug/kg dry	50	"	"	"	"	"	
2,2-Dichloropropane	BRL	45.7 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloropropene	BRL	45.7 ug/kg dry	50	"	"	"	"	"	
,3-Dichloropropene	BRL	45.7 ug/kg dry	50	"	"	"	"	"	
-1,3-Dichloropropene	BRL	45.7 ug/kg dry	50	"	"	"	"	"	
Ethylbenzene	BRL	45.7 ug/kg dry	50	"	"	"	"	"	
Hexachlorobutadiene	BRL	45.7 ug/kg dry	50	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-2 (7-9) `06959-03	0013172	Soil	05-Jan-04 15:45	07-Jan-04

nalyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							
2-Hexanone (MBK)	BRL	457 ug/kg dry	50	"	"	"	"	"	
Isopropylbenzene	BRL	45.7 ug/kg dry	50	"	"	"	"	"	
4-Isopropyltoluene	BRL	45.7 ug/kg dry	50	"	"	"	"	"	
Methyl tert-butyl ether	BRL	45.7 ug/kg dry	50	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	457 ug/kg dry	50	"	"	"	"	"	
Methylene chloride	BRL	457 ug/kg dry	50	"	"	"	"	"	
Naphthalene	BRL	45.7 ug/kg dry	50	"	"	"	"	"	
n-Propylbenzene	BRL	45.7 ug/kg dry	50	"	"	"	"	"	
Styrene	BRL	45.7 ug/kg dry	50	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	45.7 ug/kg dry	50	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	45.7 ug/kg dry	50	"	"	"	"	"	
Tetrachloroethene	BRL	45.7 ug/kg dry	50	"	"	"	"	"	
Toluene	BRL	45.7 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	45.7 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	45.7 ug/kg dry	50	"	"	"	"	"	
1,1,1-Trichloroethane	62.2	45.7 ug/kg dry	50	"	"	"	"	"	
`2-Trichloroethane	BRL	45.7 ug/kg dry	50	"	"	"	"	"	
hloroethene	1,680	45.7 ug/kg dry	50	"	"	"	"	"	
richlorofluoromethane (Freon 11)	BRL	45.7 ug/kg dry	50	"	"	"	"	"	
,2,3-Trichloropropane	BRL	45.7 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	45.7 ug/kg dry	50	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	45.7 ug/kg dry	50	"	"	"	"	"	
Vinyl chloride	BRL	45.7 ug/kg dry	50	"	"	"	"	"	
m,p-Xylene	BRL	91.5 ug/kg dry	50	"	"	"	"	"	
o-Xylene	BRL	45.7 ug/kg dry	50	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*101*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*99.8*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*107*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*104*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-2 (7-9) 06959-03	0013172	Soil	05-Jan-04 15:45	07-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3550B									
Acenaphthene	BRL	148 ug/kg dry	1	SW846 8270C	07-Jan-04	08-Jan-04	4010242	M.B	
Acenaphthylene	BRL	148 ug/kg dry	1	"	"	"	"	"	
Aniline	BRL	148 ug/kg dry	1	"	"	"	"	"	
Anthracene	BRL	148 ug/kg dry	1	"	"	"	"	"	
Azobenzene/Diphenyldiazine	BRL	148 ug/kg dry	1	"	"	"	"	"	
Benzidine	BRL	148 ug/kg dry	1	"	"	"	"	"	
Benzo (a) anthracene	BRL	148 ug/kg dry	1	"	"	"	"	"	
Benzo (a) pyrene	BRL	148 ug/kg dry	1	"	"	"	"	"	
Benzo (b) fluoranthene	BRL	148 ug/kg dry	1	"	"	"	"	"	
Benzo (g,h,i) perylene	BRL	148 ug/kg dry	1	"	"	"	"	"	
Benzo (k) fluoranthene	BRL	148 ug/kg dry	1	"	"	"	"	"	
Benzoic acid	BRL	148 ug/kg dry	1	"	"	"	"	"	
Benzyl alcohol	BRL	148 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroethoxy)methane	BRL	148 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroethyl)ether	BRL	148 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	BRL	148 ug/kg dry	1	"	"	"	"	"	
(2-ethylhexyl)phthalate	BRL	148 ug/kg dry	1	"	"	"	"	"	
romophenyl phenyl ether	BRL	148 ug/kg dry	1	"	"	"	"	"	
Butyl benzyl phthalate	BRL	148 ug/kg dry	1	"	"	"	"	"	
Carbazole	BRL	148 ug/kg dry	1	"	"	"	"	"	
4-Chloro-3-methylphenol	BRL	148 ug/kg dry	1	"	"	"	"	"	
4-Chloroaniline	BRL	148 ug/kg dry	1	"	"	"	"	"	
2-Chloronaphthalene	BRL	148 ug/kg dry	1	"	"	"	"	"	
2-Chlorophenol	BRL	148 ug/kg dry	1	"	"	"	"	"	
4-Chlorophenyl phenyl ether	BRL	148 ug/kg dry	1	"	"	"	"	"	
Chrysene	BRL	148 ug/kg dry	1	"	"	"	"	"	
Dibenzo (a,h) anthracene	BRL	148 ug/kg dry	1	"	"	"	"	"	
Dibenzofuran	BRL	148 ug/kg dry	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	148 ug/kg dry	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	148 ug/kg dry	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	148 ug/kg dry	1	"	"	"	"	"	
3,3'-Dichlorobenzidine	BRL	148 ug/kg dry	1	"	"	"	"	"	
2,4-Dichlorophenol	BRL	148 ug/kg dry	1	"	"	"	"	"	
Diethyl phthalate	BRL	148 ug/kg dry	1	"	"	"	"	"	
Dimethyl phthalate	BRL	148 ug/kg dry	1	"	"	"	"	"	
2,4-Dimethylphenol	BRL	148 ug/kg dry	1	"	"	"	"	"	
Di-n-butyl phthalate	BRL	148 ug/kg dry	1	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	BRL	148 ug/kg dry	1	"	"	"	"	"	
Dinitrophenol	BRL	148 ug/kg dry	1	"	"	"	"	"	
Dinitrotoluene	BRL	148 ug/kg dry	1	"	"	"	"	"	
2,6-Dinitrotoluene	BRL	148 ug/kg dry	1	"	"	"	"	"	
Di-n-octyl phthalate	BRL	148 ug/kg dry	1	"	"	"	"	"	

This laboratory report is not valid without an authorized signature on the cover page.

*Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-2 (7-9) 96959-03	0013172	Soil	05-Jan-04 15:45	07-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3550B									
Fluoranthene	BRL	148 ug/kg dry	1	"	"	"	"	"	
Fluorene	BRL	148 ug/kg dry	1	"	"	"	"	"	
Hexachlorobenzene	BRL	148 ug/kg dry	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	148 ug/kg dry	1	"	"	"	"	"	
Hexachlorocyclopentadiene	BRL	148 ug/kg dry	1	"	"	"	"	"	
Hexachloroethane	BRL	148 ug/kg dry	1	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	BRL	148 ug/kg dry	1	"	"	"	"	"	
1-Methylnaphthalene	BRL	148 ug/kg dry	1	"	"	"	"	"	
Isophorone	BRL	148 ug/kg dry	1	"	"	"	"	"	
2-Methylnaphthalene	BRL	148 ug/kg dry	1	"	"	"	"	"	
2-Methylphenol	BRL	148 ug/kg dry	1	"	"	"	"	"	
3-Methylphenol	BRL	148 ug/kg dry	1	"	"	"	"	"	
4-Methylphenol	BRL	148 ug/kg dry	1	"	"	"	"	"	
Naphthalene	BRL	148 ug/kg dry	1	"	"	"	"	"	
2-Nitroaniline	BRL	148 ug/kg dry	1	"	"	"	"	"	
3-Nitroaniline	BRL	148 ug/kg dry	1	"	"	"	"	"	
itroaniline	BRL	148 ug/kg dry	1	"	"	"	"	"	
obenzene	BRL	148 ug/kg dry	1	"	"	"	"	"	
Nitrophenol	BRL	148 ug/kg dry	1	"	"	"	"	"	
4-Nitrophenol	BRL	148 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodimethylamine	BRL	148 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodi-n-propylamine	BRL	148 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodiphenylamine	BRL	148 ug/kg dry	1	"	"	"	"	"	
Pentachlorophenol	BRL	148 ug/kg dry	1	"	"	"	"	"	
Phenanthrene	BRL	148 ug/kg dry	1	"	"	"	"	"	
Phenol	BRL	148 ug/kg dry	1	"	"	"	"	"	
Pyrene	BRL	148 ug/kg dry	1	"	"	"	"	"	
Pyridine	BRL	148 ug/kg dry	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	148 ug/kg dry	1	"	"	"	"	"	
2,4,5-Trichlorophenol	BRL	148 ug/kg dry	1	"	"	"	"	"	
2,4,6-Trichlorophenol	BRL	148 ug/kg dry	1	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl	*57.9*	*30-130 %*		"	"	"	"	"	
Surrogate: 2-Fluorophenol	*65.0*	*15-110 %*		"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*50.1*	*30-130 %*		"	"	"	"	"	
Surrogate: Phenol-d5	*57.1*	*15-110 %*		"	"	"	"	"	
Surrogate: Terphenyl-d14	*73.2*	*30-130 %*		"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol	*96.1*	*15-110 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-2 (7-9) 06959-03	0013172	Soil	05-Jan-04 15:45	07-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Total Metals by EPA 6000/7000 Series Methods, Prepared by SW846 3050B									
Mercury	BRL	0.185 mg/kg dry	1	SW846 7471A	07-Jan-04	08-Jan-04	4010278	YP	
Total Metals by EPA 200 Series Methods									
Silver	BRL	2.10 mg/kg dry	1	EPA 200.7	"	08-Jan-04	4010277	RE	
Aluminum	9,140	3.16 mg/kg dry	1	"	"	"	"	"	
Arsenic	BRL	3.16 mg/kg dry	1	"	"	"	"	"	
Barium	29.1	1.05 mg/kg dry	1	"	"	"	"	"	
Beryllium	BRL	0.421 mg/kg dry	1	"	"	"	"	"	
Calcium	59,500	210 mg/kg dry	20	"	"	08-Jan-04	"	"	
Cadmium	0.694	0.526 mg/kg dry	1	"	"	08-Jan-04	"	"	
Cobalt	8.01	1.05 mg/kg dry	1	"	"	"	"	"	
Chromium	12.5	1.05 mg/kg dry	1	"	"	"	"	"	
Copper	18.4	1.05 mg/kg dry	1	"	"	"	"	"	
Iron	21,700	21.0 mg/kg dry	20	"	"	08-Jan-04	"	"	
Potassium	BRL	579 mg/kg dry	1	"	"	08-Jan-04	"	"	
Magnesium	11,100	105 mg/kg dry	20	"	"	08-Jan-04	"	"	
Manganese	455	0.210 mg/kg dry	1	"	"	08-Jan-04	"	"	
Sodium	BRL	921 mg/kg dry	1	"	"	"	"	"	
[illegible]el	19.2	1.05 mg/kg dry	1	"	"	"	"	"	
[illegible]ad	1.82	1.58 mg/kg dry	1	"	"	"	"	"	
Antimony	BRL	3.16 mg/kg dry	1	"	"	"	"	"	
Selenium	BRL	3.16 mg/kg dry	1	"	"	"	"	"	
Thallium	BRL	3.16 mg/kg dry	1	"	"	"	"	"	
Vanadium	15.2	1.05 mg/kg dry	1	"	"	"	"	"	
Zinc	BRL	50.5 mg/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-2 (7-9) 06959-03	0013172	Soil	05-Jan-04 15:45	07-Jan-04

nalyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
General Chemistry Parameters									
% Solids	94.4	%	1	SM2540 G Mod.	07-Jan-04	08-Jan-04	4010249	in	
Hexavalent Chromium	BRL	10.8 mg/kg dry	1	SW846 3060A	07-Jan-04	08-Jan-04	4010352	aj	
Cyanide (total)	BRL	1.03 mg/kg dry	1	10-204-00-1-A	08-Jan-04	08-Jan-04	4010351	jak	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-3 (7-9) 06959-04	0013172	Soil	05-Jan-04 16:30	07-Jan-04

Analyte(s)	*Result*	*RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
VOC Extraction	Lab Extracted	N/A	1	VOC	07-Jan-04	07-Jan-04	4010285	lm	
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							
Acetone	BRL	938 ug/kg dry	50	SW 846 8260B	07-Jan-04	07-Jan-04	4010247	lim	
Acrylonitrile	BRL	46.9 ug/kg dry	50	"	"	"	"	"	
Benzene	BRL	46.9 ug/kg dry	50	"	"	"	"	"	
Bromobenzene	BRL	46.9 ug/kg dry	50	"	"	"	"	"	
Bromochloromethane	BRL	46.9 ug/kg dry	50	"	"	"	"	"	
Bromodichloromethane	BRL	46.9 ug/kg dry	50	"	"	"	"	"	
Bromoform	BRL	46.9 ug/kg dry	50	"	"	"	"	"	
Bromomethane	BRL	93.8 ug/kg dry	50	"	"	"	"	"	
2-Butanone (MEK)	BRL	469 ug/kg dry	50	"	"	"	"	"	
n-Butylbenzene	BRL	46.9 ug/kg dry	50	"	"	"	"	"	
sec-Butylbenzene	BRL	46.9 ug/kg dry	50	"	"	"	"	"	
tert-Butylbenzene	BRL	46.9 ug/kg dry	50	"	"	"	"	"	
Carbon disulfide	BRL	234 ug/kg dry	50	"	"	"	"	"	
Carbon tetrachloride	BRL	46.9 ug/kg dry	50	"	"	"	"	"	
Chlorobenzene	BRL	46.9 ug/kg dry	50	"	"	"	"	"	
loroethane	BRL	93.8 ug/kg dry	50	"	"	"	"	"	
oroform	BRL	46.9 ug/kg dry	50	"	"	"	"	"	
Chloromethane	BRL	93.8 ug/kg dry	50	"	"	"	"	"	
2-Chlorotoluene	BRL	46.9 ug/kg dry	50	"	"	"	"	"	
4-Chlorotoluene	BRL	46.9 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	93.8 ug/kg dry	50	"	"	"	"	"	
Dibromochloromethane	BRL	46.9 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	46.9 ug/kg dry	50	"	"	"	"	"	
Dibromomethane	BRL	46.9 ug/kg dry	50	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	46.9 ug/kg dry	50	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	46.9 ug/kg dry	50	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	46.9 ug/kg dry	50	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	93.8 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethane	BRL	46.9 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloroethane	BRL	46.9 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethene	BRL	46.9 ug/kg dry	50	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	46.9 ug/kg dry	50	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	46.9 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloropropane	BRL	46.9 ug/kg dry	50	"	"	"	"	"	
1,3-Dichloropropane	BRL	46.9 ug/kg dry	50	"	"	"	"	"	
2,2-Dichloropropane	BRL	46.9 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloropropene	BRL	46.9 ug/kg dry	50	"	"	"	"	"	
1,3-Dichloropropene	BRL	46.9 ug/kg dry	50	"	"	"	"	"	
-1,3-Dichloropropene	BRL	46.9 ug/kg dry	50	"	"	"	"	"	
Ethylbenzene	BRL	46.9 ug/kg dry	50	"	"	"	"	"	
Hexachlorobutadiene	BRL	46.9 ug/kg dry	50	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-3 (7-9) 06959-04	0013172	Soil	05-Jan-04 16:30	07-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							
2-Hexanone (MBK)	BRL	469 ug/kg dry	50	"	"	"	"	"	
Isopropylbenzene	BRL	46.9 ug/kg dry	50	"	"	"	"	"	
4-Isopropyltoluene	BRL	46.9 ug/kg dry	50	"	"	"	"	"	
Methyl tert-butyl ether	BRL	46.9 ug/kg dry	50	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	469 ug/kg dry	50	"	"	"	"	"	
Methylene chloride	BRL	469 ug/kg dry	50	"	"	"	"	"	
Naphthalene	BRL	46.9 ug/kg dry	50	"	"	"	"	"	
n-Propylbenzene	BRL	46.9 ug/kg dry	50	"	"	"	"	"	
Styrene	BRL	46.9 ug/kg dry	50	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	46.9 ug/kg dry	50	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	46.9 ug/kg dry	50	"	"	"	"	"	
Tetrachloroethene	BRL	46.9 ug/kg dry	50	"	"	"	"	"	
Toluene	BRL	46.9 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	46.9 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	46.9 ug/kg dry	50	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	46.9 ug/kg dry	50	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	46.9 ug/kg dry	50	"	"	"	"	"	
Trichloroethene	BRL	46.9 ug/kg dry	50	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	46.9 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	46.9 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	46.9 ug/kg dry	50	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	46.9 ug/kg dry	50	"	"	"	"	"	
Vinyl chloride	BRL	46.9 ug/kg dry	50	"	"	"	"	"	
m,p-Xylene	BRL	93.8 ug/kg dry	50	"	"	"	"	"	
o-Xylene	BRL	46.9 ug/kg dry	50	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*101*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*98.2*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*110*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*105*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-3 (7-9) 06959-04	0013172	Soil	05-Jan-04 16:30	07-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3550B									
Acenaphthene	BRL	164 ug/kg dry	1	SW846 8270C	07-Jan-04	08-Jan-04	4010242	M.B	
Acenaphthylene	BRL	164 ug/kg dry	1	"	"	"	"	"	
Aniline	BRL	164 ug/kg dry	1	"	"	"	"	"	
Anthracene	BRL	164 ug/kg dry	1	"	"	"	"	"	
Azobenzene/Diphenyldiazine	BRL	164 ug/kg dry	1	"	"	"	"	"	
Benzidine	BRL	164 ug/kg dry	1	"	"	"	"	"	
Benzo (a) anthracene	BRL	164 ug/kg dry	1	"	"	"	"	"	
Benzo (a) pyrene	BRL	164 ug/kg dry	1	"	"	"	"	"	
Benzo (b) fluoranthene	BRL	164 ug/kg dry	1	"	"	"	"	"	
Benzo (g,h,i) perylene	BRL	164 ug/kg dry	1	"	"	"	"	"	
Benzo (k) fluoranthene	BRL	164 ug/kg dry	1	"	"	"	"	"	
Benzoic acid	BRL	164 ug/kg dry	1	"	"	"	"	"	
Benzyl alcohol	BRL	164 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroethoxy)methane	BRL	164 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroethyl)ether	BRL	164 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	BRL	164 ug/kg dry	1	"	"	"	"	"	
(2-ethylhexyl)phthalate	BRL	164 ug/kg dry	1	"	"	"	"	"	
romophenyl phenyl ether	BRL	164 ug/kg dry	1	"	"	"	"	"	
Butyl benzyl phthalate	BRL	164 ug/kg dry	1	"	"	"	"	"	
Carbazole	BRL	164 ug/kg dry	1	"	"	"	"	"	
4-Chloro-3-methylphenol	BRL	164 ug/kg dry	1	"	"	"	"	"	
4-Chloroaniline	BRL	164 ug/kg dry	1	"	"	"	"	"	
2-Chloronaphthalene	BRL	164 ug/kg dry	1	"	"	"	"	"	
2-Chlorophenol	BRL	164 ug/kg dry	1	"	"	"	"	"	
4-Chlorophenyl phenyl ether	BRL	164 ug/kg dry	1	"	"	"	"	"	
Chrysene	BRL	164 ug/kg dry	1	"	"	"	"	"	
Dibenzo (a,h) anthracene	BRL	164 ug/kg dry	1	"	"	"	"	"	
Dibenzofuran	BRL	164 ug/kg dry	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	164 ug/kg dry	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	164 ug/kg dry	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	164 ug/kg dry	1	"	"	"	"	"	
3,3'-Dichlorobenzidine	BRL	164 ug/kg dry	1	"	"	"	"	"	
2,4-Dichlorophenol	BRL	164 ug/kg dry	1	"	"	"	"	"	
Diethyl phthalate	BRL	164 ug/kg dry	1	"	"	"	"	"	
Dimethyl phthalate	BRL	164 ug/kg dry	1	"	"	"	"	"	
2,4-Dimethylphenol	BRL	164 ug/kg dry	1	"	"	"	"	"	
Di-n-butyl phthalate	BRL	164 ug/kg dry	1	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	BRL	164 ug/kg dry	1	"	"	"	"	"	
Dinitrophenol	BRL	164 ug/kg dry	1	"	"	"	"	"	
Dinitrotoluene	BRL	164 ug/kg dry	1	"	"	"	"	"	
2,6-Dinitrotoluene	BRL	164 ug/kg dry	1	"	"	"	"	"	
Di-n-octyl phthalate	BRL	164 ug/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-3 (7-9) 06959-04	0013172	Soil	05-Jan-04 16:30	07-Jan-04

nalyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3550B									
Fluoranthene	BRL	164 ug/kg dry	1	"	"	"	"	"	
Fluorene	BRL	164 ug/kg dry	1	"	"	"	"	"	
Hexachlorobenzene	BRL	164 ug/kg dry	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	164 ug/kg dry	1	"	"	"	"	"	
Hexachlorocyclopentadiene	BRL	164 ug/kg dry	1	"	"	"	"	"	
Hexachloroethane	BRL	164 ug/kg dry	1	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	BRL	164 ug/kg dry	1	"	"	"	"	"	
1-Methylnaphthalene	BRL	164 ug/kg dry	1	"	"	"	"	"	
Isophorone	BRL	164 ug/kg dry	1	"	"	"	"	"	
2-Methylnaphthalene	BRL	164 ug/kg dry	1	"	"	"	"	"	
2-Methylphenol	BRL	164 ug/kg dry	1	"	"	"	"	"	
3-Methylphenol	BRL	164 ug/kg dry	1	"	"	"	"	"	
4-Methylphenol	BRL	164 ug/kg dry	1	"	"	"	"	"	
Naphthalene	BRL	164 ug/kg dry	1	"	"	"	"	"	
2-Nitroaniline	BRL	164 ug/kg dry	1	"	"	"	"	"	
3-Nitroaniline	BRL	164 ug/kg dry	1	"	"	"	"	"	
Nitroaniline	BRL	164 ug/kg dry	1	"	"	"	"	"	
obenzene	BRL	164 ug/kg dry	1	"	"	"	"	"	
Nitrophenol	BRL	164 ug/kg dry	1	"	"	"	"	"	
-Nitrophenol	BRL	164 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodimethylamine	BRL	164 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodi-n-propylamine	BRL	164 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodiphenylamine	BRL	164 ug/kg dry	1	"	"	"	"	"	
Pentachlorophenol	BRL	164 ug/kg dry	1	"	"	"	"	"	
Phenanthrene	BRL	164 ug/kg dry	1	"	"	"	"	"	
Phenol	BRL	164 ug/kg dry	1	"	"	"	"	"	
Pyrene	BRL	164 ug/kg dry	1	"	"	"	"	"	
Pyridine	BRL	164 ug/kg dry	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	164 ug/kg dry	1	"	"	"	"	"	
2,4,5-Trichlorophenol	BRL	164 ug/kg dry	1	"	"	"	"	"	
2,4,6-Trichlorophenol	BRL	164 ug/kg dry	1	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl	*56.8*	*30-130 %*		"	"	"	"	"	
Surrogate: 2-Fluorophenol	*66.7*	*15-110 %*		"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*49.4*	*30-130 %*		"	"	"	"	"	
Surrogate: Phenol-d5	*59.8*	*15-110 %*		"	"	"	"	"	
Surrogate: Terphenyl-dl4	*72.3*	*30-130 %*		"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol	*102*	*15-110 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-3 (7-9) \06959-04	0013172	Soil	05-Jan-04 16:30	07-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Total Metals by EPA 6000/7000 Series Methods, Prepared by SW846 3050B									
Mercury	BRL	0.175 mg/kg dry	1	SW846 7471A	07-Jan-04	08-Jan-04	4010278	YP	
Total Metals by EPA 200 Series Methods									
Silver	BRL	2.13 mg/kg dry	1	EPA 200.7	"	08-Jan-04	4010277	RE	
Aluminum	7,620	3.19 mg/kg dry	1	"	"	"	"	"	
Arsenic	BRL	3.19 mg/kg dry	1	"	"	"	"	"	
Barium	18.2	1.06 mg/kg dry	1	"	"	"	"	"	
Beryllium	BRL	0.426 mg/kg dry	1	"	"	"	"	"	
Calcium	61,700	213 mg/kg dry	20	"	"	08-Jan-04	"	"	
Cadmium	1.35	0.532 mg/kg dry	1	"	"	08-Jan-04	"	"	
Cobalt	6.39	1.06 mg/kg dry	1	"	"	"	"	"	
Chromium	8.99	1.06 mg/kg dry	1	"	"	"	"	"	
Copper	36.4	1.06 mg/kg dry	1	"	"	"	"	"	
Iron	61,000	21.3 mg/kg dry	20	"	"	08-Jan-04	"	"	
Potassium	BRL	585 mg/kg dry	1	"	"	08-Jan-04	"	"	
Magnesium	7,610	106 mg/kg dry	20	"	"	08-Jan-04	"	"	
Manganese	536	0.213 mg/kg dry	1	"	"	08-Jan-04	"	"	
Sodium	BRL	931 mg/kg dry	1	"	"	"	"	"	
Nickel	18.3	1.06 mg/kg dry	1	"	"	"	"	"	
Lead	BRL	2.14 mg/kg dry	1	"	"	"	"	"	
Antimony	BRL	3.19 mg/kg dry	1	"	"	"	"	"	
Selenium	BRL	3.19 mg/kg dry	1	"	"	"	"	"	
Thallium	BRL	3.19 mg/kg dry	1	"	"	"	"	"	
Vanadium	BRL	1.06 mg/kg dry	1	"	"	"	"	"	
Zinc	55.4	1.06 mg/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-3 (7-9) 06959-04	0013172	Soil	05-Jan-04 16:30	07-Jan-04

nalyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
General Chemistry Parameters									
% Solids	92.8	%	1	SM2540 G Mod.	07-Jan-04	08-Jan-04	4010249	ln	
Hexavalent Chromium	BRL	10.4 mg/kg dry	1	SW846 3060A	07-Jan-04	08-Jan-04	4010352	aj	
Cyanide (total)	BRL	1.08 mg/kg dry	1	10-204-00-1-A	08-Jan-04	08-Jan-04	4010351	jak	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-3 (7-9) `06959-04RE1	0013172	Soil	05-Jan-04 16:30	07-Jan-04

Analyte(s)	*Result*	*RDL/Units	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5035A							
Acetone	BRL	119 ug/kg dry	1	SW 846 8260B	08-Jan-04	08-Jan-04	4010293	tim	
Acrylonitrile	BRL	5.93 ug/kg dry	1	"	"	"	"	"	
Benzene	BRL	5.93 ug/kg dry	1	"	"	"	"	"	
Bromobenzene	BRL	5.93 ug/kg dry	1	"	"	"	"	"	
Bromochloromethane	BRL	5.93 ug/kg dry	1	"	"	"	"	"	
Bromodichloromethane	BRL	5.93 ug/kg dry	1	"	"	"	"	"	
Bromoform	BRL	5.93 ug/kg dry	1	"	"	"	"	"	
Bromomethane	BRL	11.9 ug/kg dry	1	"	"	"	"	"	
2-Butanone (MEK)	BRL	59.3 ug/kg dry	1	"	"	"	"	"	
n-Butylbenzene	BRL	5.93 ug/kg dry	1	"	"	"	"	"	
sec-Butylbenzene	BRL	5.93 ug/kg dry	1	"	"	"	"	"	
tert-Butylbenzene	BRL	5.93 ug/kg dry	1	"	"	"	"	"	
Carbon disulfide	BRL	29.7 ug/kg dry	1	"	"	"	"	"	
Carbon tetrachloride	BRL	5.93 ug/kg dry	1	"	"	"	"	"	
Chlorobenzene	BRL	5.93 ug/kg dry	1	"	"	"	"	"	
Chloroethane	BRL	11.9 ug/kg dry	1	"	"	"	"	"	
'oroform	BRL	5.93 ug/kg dry	1	"	"	"	"	"	
oromethane	BRL	11.9 ug/kg dry	1	"	"	"	"	"	
2-Chlorotoluene	BRL	5.93 ug/kg dry	1	"	"	"	"	"	
4-Chlorotoluene	BRL	5.93 ug/kg dry	1	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	11.9 ug/kg dry	1	"	"	"	"	"	
Dibromochloromethane	BRL	5.93 ug/kg dry	1	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	5.93 ug/kg dry	1	"	"	"	"	"	
Dibromomethane	BRL	5.93 ug/kg dry	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	5.93 ug/kg dry	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	5.93 ug/kg dry	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	5.93 ug/kg dry	1	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	11.9 ug/kg dry	1	"	"	"	"	"	
1,1-Dichloroethane	BRL	5.93 ug/kg dry	1	"	"	"	"	"	
1,2-Dichloroethane	BRL	5.93 ug/kg dry	1	"	"	"	"	"	
1,1-Dichloroethene	BRL	5.93 ug/kg dry	1	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	5.93 ug/kg dry	1	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	5.93 ug/kg dry	1	"	"	"	"	"	
1,2-Dichloropropane	BRL	5.93 ug/kg dry	1	"	"	"	"	"	
1,3-Dichloropropane	BRL	5.93 ug/kg dry	1	"	"	"	"	"	
2,2-Dichloropropane	BRL	5.93 ug/kg dry	1	"	"	"	"	"	
1,1-Dichloropropene	BRL	5.93 ug/kg dry	1	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	5.93 ug/kg dry	1	"	"	"	"	"	
s-1,3-Dichloropropene	BRL	5.93 ug/kg dry	1	"	"	"	"	"	
ibenzene	BRL	5.93 ug/kg dry	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	5.93 ug/kg dry	1	"	"	"	"	"	
2-Hexanone (MBK)	BRL	59.3 ug/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-3 (7-9) 06959-04RE1	0013172	Soil	05-Jan-04 16:30	07-Jan-04

nalyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5035A							
Isopropylbenzene	BRL	5.93 ug/kg dry	1	"	"	"	"	"	
4-Isopropyltoluene	BRL	5.93 ug/kg dry	1	"	"	"	"	"	
Methyl tert-butyl ether	BRL	5.93 ug/kg dry	1	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	59.3 ug/kg dry	1	"	"	"	"	"	
Methylene chloride	BRL	59.3 ug/kg dry	1	"	"	"	"	"	
Naphthalene	BRL	5.93 ug/kg dry	1	"	"	"	"	"	
n-Propylbenzene	BRL	5.93 ug/kg dry	1	"	"	"	"	"	
Styrene	BRL	5.93 ug/kg dry	1	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	5.93 ug/kg dry	1	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	5.93 ug/kg dry	1	"	"	"	"	"	
Tetrachloroethene	BRL	5.93 ug/kg dry	1	"	"	"	"	"	
Toluene	BRL	5.93 ug/kg dry	1	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	5.93 ug/kg dry	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	5.93 ug/kg dry	1	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	5.93 ug/kg dry	1	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	5.93 ug/kg dry	1	"	"	"	"	"	
[illegible]hloroethene	18.0	5.93 ug/kg dry	1	"	"	"	"	"	
[illegible]hlorofluoromethane (Freon 11)	BRL	5.93 ug/kg dry	1	"	"	"	"	"	
2,3-Trichloropropane	BRL	5.93 ug/kg dry	1	"	"	"	"	"	
[illegible],2,4-Trimethylbenzene	BRL	5.93 ug/kg dry	1	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	5.93 ug/kg dry	1	"	"	"	"	"	
Vinyl chloride	BRL	5.93 ug/kg dry	1	"	"	"	"	"	
m,p-Xylene	BRL	11.9 ug/kg dry	1	"	"	"	"	"	
o-Xylene	BRL	5.93 ug/kg dry	1	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*96.6*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*101*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*101*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*105*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi TB (050104) 06959-05	0013172	Aqueous	05-Jan-04 00:00	07-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Acetone	BRL	20.0 ug/l	1	SW 846 8260B	07-Jan-04	08-Jan-04	4010218	tim	
Acrylonitrile	BRL	1.00 ug/l	1	"	"	"	"	"	
Benzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromodichloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromoform	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromomethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Butanone (MEK)	BRL	10.0 ug/l	1	"	"	"	"	"	
n-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
sec-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
tert-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Carbon disulfide	BRL	5.00 ug/l	1	"	"	"	"	"	
Carbon tetrachloride	BRL	1.00 ug/l	1	"	"	"	"	"	
Chlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Chloroethane	BRL	2.00 ug/l	1	"	"	"	"	"	
loroform	BRL	1.00 ug/l	1	"	"	"	"	"	
loromethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	2.00 ug/l	1	"	"	"	"	"	
Dibromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	1.00 ug/l	1	"	"	"	"	"	
Dibromomethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	2.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
2,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
s-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
ylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	1.00 ug/l	1	"	"	"	"	"	
2-Hexanone (MBK)	BRL	10.0 ug/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi TB (050104) \06959-05	0013172	Aqueous	05-Jan-04 00:00	07-Jan-04

Analyte(s)	*Result*	*RDL/Units	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Isopropylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Isopropyltoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
Methyl tert-butyl ether	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	10.0 ug/l	1	"	"	"	"	"	
Methylene chloride	BRL	10.0 ug/l	1	"	"	"	"	"	
Naphthalene	BRL	1.00 ug/l	1	"	"	"	"	"	
n-Propylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Styrene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Tetrachloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
Toluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
ichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
ichlorofluoromethane (Freon 11)	BRL	1.00 ug/l	1	"	"	"	"	"	
2,3-Trichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Vinyl chloride	BRL	1.00 ug/l	1	"	"	"	"	"	
m,p-Xylene	BRL	2.00 ug/l	1	"	"	"	"	"	
o-Xylene	BRL	1.00 ug/l	1	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*106*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*111*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*104*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*99.8*	*70-130 %*		"	"	"	"	"	

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010218 - Volatiles										
Blank (4010218-BLK1)				Prepared & Analyzed: 07-Jan-04						
Acetone	BRL	20.0	ug/l							
Acrylonitrile	BRL	1.00	ug/l							
Benzene	BRL	1.00	ug/l							
Bromobenzene	BRL	1.00	ug/l							
Bromochloromethane	BRL	1.00	ug/l							
Bromodichloromethane	BRL	1.00	ug/l							
Bromoform	BRL	1.00	ug/l							
Bromomethane	BRL	2.00	ug/l							
2-Butanone (MEK)	BRL	10.0	ug/l							
n-Butylbenzene	BRL	1.00	ug/l							
sec-Butylbenzene	BRL	1.00	ug/l							
tert-Butylbenzene	BRL	1.00	ug/l							
Carbon disulfide	BRL	5.00	ug/l							
Carbon tetrachloride	BRL	1.00	ug/l							
Chlorobenzene	BRL	1.00	ug/l							
Chloroethane	BRL	2.00	ug/l							
Chloroform	BRL	1.00	ug/l							
Chloromethane	BRL	2.00	ug/l							
2-Chlorotoluene	BRL	1.00	ug/l							
4-Chlorotoluene	BRL	1.00	ug/l							
1,2-Dibromo-3-chloropropane	BRL	2.00	ug/l							
Dibromochloromethane	BRL	1.00	ug/l							
1,2-Dibromoethane (EDB)	BRL	1.00	ug/l							
Dibromomethane	BRL	1.00	ug/l							
1,2-Dichlorobenzene	BRL	1.00	ug/l							
1,3-Dichlorobenzene	BRL	1.00	ug/l							
1,4-Dichlorobenzene	BRL	1.00	ug/l							
Dichlorodifluoromethane (Freon12)	BRL	2.00	ug/l							
1,1-Dichloroethane	BRL	1.00	ug/l							
1,2-Dichloroethane	BRL	1.00	ug/l							
1,1-Dichloroethene	BRL	1.00	ug/l							
cis-1,2-Dichloroethene	BRL	1.00	ug/l							
trans-1,2-Dichloroethene	BRL	1.00	ug/l							
1,2-Dichloropropane	BRL	1.00	ug/l							
1,3-Dichloropropane	BRL	1.00	ug/l							
2,2-Dichloropropane	BRL	1.00	ug/l							
1,1-Dichloropropene	BRL	1.00	ug/l							
cis-1,3-Dichloropropene	BRL	1.00	ug/l							
trans-1,3-Dichloropropene	BRL	1.00	ug/l							
Ethylbenzene	BRL	1.00	ug/l							
Hexachlorobutadiene	BRL	1.00	ug/l							
2-Hexanone (MBK)	BRL	10.0	ug/l							
Isopropylbenzene	BRL	1.00	ug/l							
4-Isopropyltoluene	BRL	1.00	ug/l							
Methyl tert-butyl ether	BRL	1.00	ug/l							
4-Methyl-2-pentanone (MIBK)	BRL	10.0	ug/l							
Methylene chloride	BRL	10.0	ug/l							
Naphthalene	BRL	1.00	ug/l							
n-Propylbenzene	BRL	1.00	ug/l							
Styrene	BRL	1.00	ug/l							
1,1,2-Tetrachloroethane	BRL	1.00	ug/l							
1,1,2,2-Tetrachloroethane	BRL	1.00	ug/l							
Tetrachloroethene	BRL	1.00	ug/l							
Toluene	BRL	1.00	ug/l							

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010218 - Volatiles										
Blank (4010218-BLK1)				Prepared & Analyzed: 07-Jan-04						
1,2,3-Trichlorobenzene	BRL	1.00	ug/l							
1,2,4-Trichlorobenzene	BRL	1.00	ug/l							
1,1,1-Trichloroethane	BRL	1.00	ug/l							
1,1,2-Trichloroethane	BRL	1.00	ug/l							
Trichloroethene	BRL	1.00	ug/l							
Trichlorofluoromethane (Freon 11)	BRL	1.00	ug/l							
1,2,3-Trichloropropane	BRL	1.00	ug/l							
1,2,4-Trimethylbenzene	BRL	1.00	ug/l							
1,3,5-Trimethylbenzene	BRL	1.00	ug/l							
Vinyl chloride	BRL	1.00	ug/l							
m,p-Xylene	BRL	2.00	ug/l							
o-Xylene	BRL	1.00	ug/l							
Surrogate: 4-Bromofluorobenzene	*50.9*		ug/l	*50.0*		*102*	*70-130*			
Surrogate: Toluene-d8	*52.1*		ug/l	*50.0*		*104*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*48.6*		ug/l	*50.0*		*97.2*	*70-130*			
Surrogate: Dibromofluoromethane	*47.9*		ug/l	*50.0*		*95.8*	*70-130*			
Matrix Spike (4010218-MS1)	Source: SA06961-07			Prepared: 07-Jan-04 Analyzed: 08-Jan-04						
Benzene	20.2		ug/l	20.0	BRL	101	70-130			
Chlorobenzene	20.3		ug/l	20.0	BRL	102	70-130			
1,1-Dichloroethene	15.7		ug/l	20.0	BRL	78.5	70-130			
Toluene	22.0		ug/l	20.0	BRL	110	70-130			
Trichloroethene	20.6		ug/l	20.0	BRL	103	70-130			
rogate: 4-Bromofluorobenzene	*48.1*		ug/l	*50.0*		*96.2*	*70-130*			
rogate: Toluene-d8	*51.2*		ug/l	*50.0*		*102*	*70-130*			
rrogate: 1,2-Dichloroethane-d4	*52.3*		ug/l	*50.0*		*105*	*70-130*			
rrogate: Dibromofluoromethane	*49.5*		ug/l	*50.0*		*99.0*	*70-130*			
Matrix Spike Dup (4010218-MSD1)	Source: SA06961-07			Prepared: 07-Jan-04 Analyzed: 08-Jan-04						
Benzene	21.5		ug/l	20.0	BRL	108	70-130	6.70	30	
Chlorobenzene	21.1		ug/l	20.0	BRL	106	70-130	3.85	30	
1,1-Dichloroethene	16.6		ug/l	20.0	BRL	83.0	70-130	5.57	30	
Toluene	23.8		ug/l	20.0	BRL	119	70-130	7.86	30	
Trichloroethene	21.4		ug/l	20.0	BRL	107	70-130	3.81	30	
Surrogate: 4-Bromofluorobenzene	*47.1*		ug/l	*50.0*		*94.2*	*70-130*			
Surrogate: Toluene-d8	*51.7*		ug/l	*50.0*		*103*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*49.7*		ug/l	*50.0*		*99.4*	*70-130*			
Surrogate: Dibromofluoromethane	*48.4*		ug/l	*50.0*		*96.8*	*70-130*			
Batch 4010247 - SW846 5030 Soil MS										
Blank (4010247-BLK1)				Prepared & Analyzed: 07-Jan-04						
Acetone	BRL	20.0	ug/kg wet							
Acrylonitrile	BRL	1.00	ug/kg wet							
Benzene	BRL	1.00	ug/kg wet							
Bromobenzene	BRL	1.00	ug/kg wet							
Bromochloromethane	BRL	1.00	ug/kg wet							
Bromodichloromethane	BRL	1.00	ug/kg wet							
Bromoform	BRL	1.00	ug/kg wet							
Bromomethane	BRL	2.00	ug/kg wet							
2-Butanone (MEK)	BRL	10.0	ug/kg wet							
n-Butylbenzene	BRL	1.00	ug/kg wet							
utylbenzene	BRL	1.00	ug/kg wet							
-Butylbenzene	BRL	1.00	ug/kg wet							
Carbon disulfide	BRL	5.00	ug/kg wet							
bon tetrachloride	BRL	1.00	ug/kg wet							

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010247 - SW846 5030 Soil MS										
Blank (4010247-BLK1)				Prepared & Analyzed: 07-Jan-04						
Chlorobenzene	BRL	1.00	ug/kg wet							
Chloroethane	BRL	2.00	ug/kg wet							
Chloroform	BRL	1.00	ug/kg wet							
Chloromethane	BRL	2.00	ug/kg wet							
2-Chlorotoluene	BRL	1.00	ug/kg wet							
4-Chlorotoluene	BRL	1.00	ug/kg wet							
1,2-Dibromo-3-chloropropane	BRL	2.00	ug/kg wet							
Dibromochloromethane	BRL	1.00	ug/kg wet							
1,2-Dibromoethane (EDB)	BRL	1.00	ug/kg wet							
Dibromomethane	BRL	1.00	ug/kg wet							
1,2-Dichlorobenzene	BRL	1.00	ug/kg wet							
1,3-Dichlorobenzene	BRL	1.00	ug/kg wet							
1,4-Dichlorobenzene	BRL	1.00	ug/kg wet							
Dichlorodifluoromethane (Freon12)	BRL	2.00	ug/kg wet							
1,1-Dichloroethane	BRL	1.00	ug/kg wet							
1,2-Dichloroethane	BRL	1.00	ug/kg wet							
1,1-Dichloroethene	BRL	1.00	ug/kg wet							
cis-1,2-Dichloroethene	BRL	1.00	ug/kg wet							
trans-1,2-Dichloroethene	BRL	1.00	ug/kg wet							
1,2-Dichloropropane	BRL	1.00	ug/kg wet							
1,3-Dichloropropane	BRL	1.00	ug/kg wet							
2,2-Dichloropropane	BRL	1.00	ug/kg wet							
1,1-Dichloropropene	BRL	1.00	ug/kg wet							
-1,3-Dichloropropene	BRL	1.00	ug/kg wet							
ans-1,3-Dichloropropene	BRL	1.00	ug/kg wet							
Ethylbenzene	BRL	1.00	ug/kg wet							
Hexachlorobutadiene	BRL	1.00	ug/kg wet							
2-Hexanone (MBK)	BRL	10.0	ug/kg wet							
Isopropylbenzene	BRL	1.00	ug/kg wet							
4-Isopropyltoluene	BRL	1.00	ug/kg wet							
Methyl tert-butyl ether	BRL	1.00	ug/kg wet							
4-Methyl-2-pentanone (MIBK)	BRL	10.0	ug/kg wet							
Methylene chloride	BRL	10.0	ug/kg wet							
Naphthalene	BRL	1.00	ug/kg wet							
n-Propylbenzene	BRL	1.00	ug/kg wet							
Styrene	BRL	1.00	ug/kg wet							
1,1,1,2-Tetrachloroethane	BRL	1.00	ug/kg wet							
1,1,2,2-Tetrachloroethane	BRL	1.00	ug/kg wet							
Tetrachloroethene	BRL	1.00	ug/kg wet							
Toluene	BRL	1.00	ug/kg wet							
1,2,3-Trichlorobenzene	BRL	1.00	ug/kg wet							
1,2,4-Trichlorobenzene	BRL	1.00	ug/kg wet							
1,1,1-Trichloroethane	BRL	1.00	ug/kg wet							
1,1,2-Trichloroethane	BRL	1.00	ug/kg wet							
Trichloroethene	BRL	1.00	ug/kg wet							
Trichlorofluoromethane (Freon 11)	BRL	1.00	ug/kg wet							
1,2,3-Trichloropropane	BRL	1.00	ug/kg wet							
1,2,4-Trimethylbenzene	BRL	1.00	ug/kg wet							
1,3,5-Trimethylbenzene	BRL	1.00	ug/kg wet							
Vinyl chloride	BRL	1.00	ug/kg wet							
-Xylene	BRL	2.00	ug/kg wet							
-ylene	BRL	1.00	ug/kg wet							
Surrogate: 4-Bromofluorobenzene	*50.8*		ug/kg wet	*50.0*		*102*	*70-130*			
Surrogate: Toluene-d8	*50.6*		ug/kg wet	*50.0*		*101*	*70-130*			

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*Reportable Detection Limit BRL = Below Reporting Limit

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010247 - SW846 5030 Soil MS										
Blank (4010247-BLK1)				Prepared & Analyzed: 07-Jan-04						
Surrogate: 1,2-Dichloroethane-d4	*49.1*		ug/kg wet	*50.0*		*98.2*	*70-130*			
Surrogate: Dibromofluoromethane	*48.8*		ug/kg wet	*50.0*		*97.6*	*70-130*			
Matrix Spike (4010247-MS1)	Source: SA06937-05			Prepared & Analyzed: 07-Jan-04						
Benzene	21.0		ug/kg dry	20.0	BRL	105	70-130			
Chlorobenzene	20.6		ug/kg dry	20.0	BRL	103	70-130			
1,1-Dichloroethene	17.3		ug/kg dry	20.0	BRL	86.5	70-130			
Toluene	25.0		ug/kg dry	20.0	BRL	125	70-130			
Trichloroethene	22.4		ug/kg dry	20.0	BRL	112	70-130			
Surrogate: 4-Bromofluorobenzene	*47.2*		ug/kg dry	*50.0*		*94.4*	*70-130*			
Surrogate: Toluene-d8	*55.2*		ug/kg dry	*50.0*		*110*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*53.2*		ug/kg dry	*50.0*		*106*	*70-130*			
Surrogate: Dibromofluoromethane	*52.0*		ug/kg dry	*50.0*		*104*	*70-130*			
Matrix Spike Dup (4010247-MSD1)	Source: SA06937-05			Prepared: 07-Jan-04 Analyzed: 08-Jan-04						
Benzene	21.0		ug/kg dry	20.0	BRL	105	70-130	0.00	30	
Chlorobenzene	20.7		ug/kg dry	20.0	BRL	104	70-130	0.966	30	
1,1-Dichloroethene	18.2		ug/kg dry	20.0	BRL	91.0	70-130	5.07	30	
Toluene	24.8		ug/kg dry	20.0	BRL	124	70-130	0.803	30	
Trichloroethene	22.6		ug/kg dry	20.0	BRL	113	70-130	0.889	30	
Surrogate: 4-Bromofluorobenzene	*47.5*		ug/kg dry	*50.0*		*95.0*	*70-130*			
Surrogate: Toluene-d8	*54.8*		ug/kg dry	*50.0*		*110*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*52.2*		ug/kg dry	*50.0*		*104*	*70-130*			
Surrogate: Dibromofluoromethane	*49.8*		ug/kg dry	*50.0*		*99.6*	*70-130*			
Batch 4010293 - SW846 5035A										
Blank (4010293-BLK1)				Prepared & Analyzed: 08-Jan-04						
Acetone	BRL	100	ug/kg wet							
Acrylonitrile	BRL	5.00	ug/kg wet							
Benzene	BRL	5.00	ug/kg wet							
Bromobenzene	BRL	5.00	ug/kg wet							
Bromochloromethane	BRL	5.00	ug/kg wet							
Bromodichloromethane	BRL	5.00	ug/kg wet							
Bromoform	BRL	5.00	ug/kg wet							
Bromomethane	BRL	10.0	ug/kg wet							
2-Butanone (MEK)	BRL	50.0	ug/kg wet							
n-Butylbenzene	BRL	5.00	ug/kg wet							
sec-Butylbenzene	BRL	5.00	ug/kg wet							
tert-Butylbenzene	BRL	5.00	ug/kg wet							
Carbon disulfide	BRL	25.0	ug/kg wet							
Carbon tetrachloride	BRL	5.00	ug/kg wet							
Chlorobenzene	BRL	5.00	ug/kg wet							
Chloroethane	BRL	10.0	ug/kg wet							
Chloroform	BRL	5.00	ug/kg wet							
Chloromethane	BRL	10.0	ug/kg wet							
2-Chlorotoluene	BRL	5.00	ug/kg wet							
4-Chlorotoluene	BRL	5.00	ug/kg wet							
1,2-Dibromo-3-chloropropane	BRL	10.0	ug/kg wet							
Dibromochloromethane	BRL	5.00	ug/kg wet							
1,2-Dibromoethane (EDB)	BRL	5.00	ug/kg wet							
Dibromomethane	BRL	5.00	ug/kg wet							
Dichlorobenzene	BRL	5.00	ug/kg wet							
1,3-Dichlorobenzene	BRL	5.00	ug/kg wet							
1,4-Dichlorobenzene	BRL	5.00	ug/kg wet							
Dichlorodifluoromethane (Freon12)	BRL	10.0	ug/kg wet							

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010293 - SW846 5035A										
Blank (4010293-BLK1)				Prepared & Analyzed: 08-Jan-04						
1,1-Dichloroethane	BRL	5.00	ug/kg wet							
1,2-Dichloroethane	BRL	5.00	ug/kg wet							
1,1-Dichloroethene	BRL	5.00	ug/kg wet							
cis-1,2-Dichloroethene	BRL	5.00	ug/kg wet							
trans-1,2-Dichloroethene	BRL	5.00	ug/kg wet							
1,2-Dichloropropane	BRL	5.00	ug/kg wet							
1,3-Dichloropropane	BRL	5.00	ug/kg wet							
2,2-Dichloropropane	BRL	5.00	ug/kg wet							
1,1-Dichloropropene	BRL	5.00	ug/kg wet							
cis-1,3-Dichloropropene	BRL	5.00	ug/kg wet							
trans-1,3-Dichloropropene	BRL	5.00	ug/kg wet							
Ethylbenzene	BRL	5.00	ug/kg wet							
Hexachlorobutadiene	BRL	5.00	ug/kg wet							
2-Hexanone (MBK)	BRL	50.0	ug/kg wet							
Isopropylbenzene	BRL	5.00	ug/kg wet							
4-Isopropyltoluene	BRL	5.00	ug/kg wet							
Methyl tert-butyl ether	BRL	5.00	ug/kg wet							
4-Methyl-2-pentanone (MIBK)	BRL	50.0	ug/kg wet							
Methylene chloride	BRL	50.0	ug/kg wet							
Naphthalene	BRL	5.00	ug/kg wet							
n-Propylbenzene	BRL	5.00	ug/kg wet							
Styrene	BRL	5.00	ug/kg wet							
1,1,1,2-Tetrachloroethane	BRL	5.00	ug/kg wet							
1,1,2,2-Tetrachloroethane	BRL	5.00	ug/kg wet							
Tetrachloroethene	BRL	5.00	ug/kg wet							
Toluene	BRL	5.00	ug/kg wet							
1,2,3-Trichlorobenzene	BRL	5.00	ug/kg wet							
1,2,4-Trichlorobenzene	BRL	5.00	ug/kg wet							
1,1,1-Trichloroethane	BRL	5.00	ug/kg wet							
1,1,2-Trichloroethane	BRL	5.00	ug/kg wet							
Trichloroethene	BRL	5.00	ug/kg wet							
Trichlorofluoromethane (Freon 11)	BRL	5.00	ug/kg wet							
1,2,3-Trichloropropane	BRL	5.00	ug/kg wet							
1,2,4-Trimethylbenzene	BRL	5.00	ug/kg wet							
1,3,5-Trimethylbenzene	BRL	5.00	ug/kg wet							
Vinyl chloride	BRL	5.00	ug/kg wet							
m,p-Xylene	BRL	10.0	ug/kg wet							
o-Xylene	BRL	5.00	ug/kg wet							
Surrogate: 4-Bromofluorobenzene	*51.4*		ug/kg wet	*50.0*		*103*	*70-130*			
Surrogate: Toluene-d8	*50.6*		ug/kg wet	*50.0*		*101*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*54.0*		ug/kg wet	*50.0*		*108*	*70-130*			
Surrogate: Dibromofluoromethane	*53.7*		ug/kg wet	*50.0*		*107*	*70-130*			

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010243 - SW846 3550B										
Blank (4010243-BLK1)				Prepared: 07-Jan-04 Analyzed: 08-Jan-04						
PCB 1016	BRL	39.4	ug/kg wet							
PCB 1221	BRL	39.4	ug/kg wet							
PCB 1232	BRL	39.4	ug/kg wet							
PCB 1242	BRL	39.4	ug/kg wet							
PCB 1248	BRL	39.4	ug/kg wet							
PCB 1254	BRL	39.4	ug/kg wet							
PCB 1260	BRL	39.4	ug/kg wet							
PCB 1262	BRL	39.4	ug/kg wet							
PCB 1268	BRL	39.4	ug/kg wet							
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*31.9*		ug/kg wet	*39.3*		*81.2*	*40-140*			
Surrogate: Decachlorobiphenyl (Sr)	*26.7*		ug/kg wet	*39.3*		*67.9*	*40-140*			
Duplicate (4010243-DUP1)	Source: SA06960-08			Prepared: 07-Jan-04 Analyzed: 08-Jan-04						
PCB 1016	BRL	39.4	ug/kg dry		BRL				40	
PCB 1221	BRL	39.4	ug/kg dry		BRL				40	
PCB 1232	BRL	39.4	ug/kg dry		BRL				40	
PCB 1242	BRL	39.4	ug/kg dry		BRL				40	
PCB 1248	BRL	39.4	ug/kg dry		BRL				40	
PCB 1254	BRL	39.4	ug/kg dry		BRL				40	
PCB 1260	BRL	39.4	ug/kg dry		BRL				40	
PCB 1262	BRL	39.4	ug/kg dry		BRL				40	
PCB 1268	BRL	39.4	ug/kg dry		BRL				40	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*36.3*		ug/kg dry	*39.3*		*92.4*	*40-140*			
Surrogate: Decachlorobiphenyl (Sr)	*28.7*		ug/kg dry	*39.3*		*73.0*	*40-140*			
Matrix Spike (4010243-MS1)	Source: SA06960-08			Prepared: 07-Jan-04 Analyzed: 08-Jan-04						
PCB 1016	584	39.2	ug/kg dry	489	BRL	119	40-140			
PCB 1260	465	39.2	ug/kg dry	489	BRL	95.1	40-140			
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*38.0*		ug/kg dry	*39.1*		*97.2*	*40-140*			
Surrogate: Decachlorobiphenyl (Sr)	*30.1*		ug/kg dry	*39.1*		*77.0*	*40-140*			
Matrix Spike Dup (4010243-MSD1)	Source: SA06960-08			Prepared: 07-Jan-04 Analyzed: 08-Jan-04						
PCB 1016	563	39.3	ug/kg dry	491	BRL	115	40-140	3.42	50	
PCB 1260	477	39.3	ug/kg dry	491	BRL	97.1	40-140	2.08	50	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*37.5*		ug/kg dry	*39.2*		*95.7*	*40-140*			
Surrogate: Decachlorobiphenyl (Sr)	*30.4*		ug/kg dry	*39.2*		*77.6*	*40-140*			

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010242 - SW846 3550B										
Blank (4010242-BLK1)				Prepared: 07-Jan-04 Analyzed: 08-Jan-04						
Acenaphthene	BRL	33.4	ug/kg wet							
Acenaphthylene	BRL	33.4	ug/kg wet							
Aniline	BRL	33.4	ug/kg wet							
Anthracene	BRL	33.4	ug/kg wet							
Azobenzene/Diphenyldiazine	BRL	33.4	ug/kg wet							
Benzidine	BRL	33.4	ug/kg wet							
Benzo (a) anthracene	BRL	33.4	ug/kg wet							
Benzo (a) pyrene	BRL	33.4	ug/kg wet							
Benzo (b) fluoranthene	BRL	33.4	ug/kg wet							
Benzo (g,h,i) perylene	BRL	33.4	ug/kg wet							
Benzo (k) fluoranthene	BRL	33.4	ug/kg wet							
Benzoic acid	BRL	33.4	ug/kg wet							
Benzyl alcohol	BRL	33.4	ug/kg wet							
Bis(2-chloroethoxy)methane	BRL	33.4	ug/kg wet							
Bis(2-chloroethyl)ether	BRL	33.4	ug/kg wet							
Bis(2-chloroisopropyl)ether	BRL	33.4	ug/kg wet							
Bis(2-ethylhexyl)phthalate	BRL	33.4	ug/kg wet							
4-Bromophenyl phenyl ether	BRL	33.4	ug/kg wet							
Butyl benzyl phthalate	BRL	33.4	ug/kg wet							
Carbazole	BRL	33.4	ug/kg wet							
4-Chloro-3-methylphenol	BRL	33.4	ug/kg wet							
4-Chloroaniline	BRL	33.4	ug/kg wet							
2-Chloronaphthalene	BRL	33.4	ug/kg wet							
Chlorophenol	BRL	33.4	ug/kg wet							
Chlorophenyl phenyl ether	BRL	33.4	ug/kg wet							
Chrysene	BRL	33.4	ug/kg wet							
Dibenzo (a,h) anthracene	BRL	33.4	ug/kg wet							
Dibenzofuran	BRL	33.4	ug/kg wet							
1,2-Dichlorobenzene	BRL	33.4	ug/kg wet							
1,3-Dichlorobenzene	BRL	33.4	ug/kg wet							
1,4-Dichlorobenzene	BRL	33.4	ug/kg wet							
3,3'-Dichlorobenzidine	BRL	33.4	ug/kg wet							
2,4-Dichlorophenol	BRL	33.4	ug/kg wet							
Diethyl phthalate	BRL	33.4	ug/kg wet							
Dimethyl phthalate	BRL	33.4	ug/kg wet							
2,4-Dimethylphenol	BRL	33.4	ug/kg wet							
Di-n-butyl phthalate	BRL	33.4	ug/kg wet							
4,6-Dinitro-2-methylphenol	BRL	33.4	ug/kg wet							
2,4-Dinitrophenol	BRL	33.4	ug/kg wet							
2,4-Dinitrotoluene	BRL	33.4	ug/kg wet							
2,6-Dinitrotoluene	BRL	33.4	ug/kg wet							
Di-n-octyl phthalate	BRL	33.4	ug/kg wet							
Fluoranthene	BRL	33.4	ug/kg wet							
Fluorene	BRL	33.4	ug/kg wet							
Hexachlorobenzene	BRL	33.4	ug/kg wet							
Hexachlorobutadiene	BRL	33.4	ug/kg wet							
Hexachlorocyclopentadiene	BRL	33.4	ug/kg wet							
Hexachloroethane	BRL	33.4	ug/kg wet							
Indeno (1,2,3-cd) pyrene	BRL	33.4	ug/kg wet							
1-Methylnaphthalene	BRL	33.3	ug/kg wet							
Isophorone	BRL	33.4	ug/kg wet							
2-Methylnaphthalene	BRL	33.4	ug/kg wet							
2-Methylphenol	BRL	33.4	ug/kg wet							
3-Methylphenol	BRL	33.4	ug/kg wet							

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010242 - SW846 3550B										
Blank (4010242-BLK1)				Prepared: 07-Jan-04 Analyzed: 08-Jan-04						
4-Methylphenol	BRL	33.4	ug/kg wet							
Naphthalene	BRL	33.4	ug/kg wet							
2-Nitroaniline	BRL	33.4	ug/kg wet							
3-Nitroaniline	BRL	33.4	ug/kg wet							
4-Nitroaniline	BRL	33.4	ug/kg wet							
Nitrobenzene	BRL	33.4	ug/kg wet							
2-Nitrophenol	BRL	33.4	ug/kg wet							
4-Nitrophenol	BRL	33.4	ug/kg wet							
N-Nitrosodimethylamine	BRL	33.4	ug/kg wet							
N-Nitrosodi-n-propylamine	BRL	33.4	ug/kg wet							
N-Nitrosodiphenylamine	BRL	33.4	ug/kg wet							
Pentachlorophenol	BRL	33.4	ug/kg wet							
Phenanthrene	BRL	33.4	ug/kg wet							
Phenol	BRL	33.4	ug/kg wet							
Pyrene	BRL	33.4	ug/kg wet							
Pyridine	BRL	33.4	ug/kg wet							
1,2,4-Trichlorobenzene	BRL	33.4	ug/kg wet							
2,4,5-Trichlorophenol	BRL	33.4	ug/kg wet							
2,4,6-Trichlorophenol	BRL	33.4	ug/kg wet							
Surrogate: 2-Fluorobiphenyl	*1770*		ug/kg wet	*3330*		*53.2*	*30-130*			
Surrogate: 2-Fluorophenol	*2260*		ug/kg wet	*3330*		*67.9*	*15-110*			
Surrogate: Nitrobenzene-d5	*3370*		ug/kg wet	*3330*		*101*	*30-130*			
Surrogate: Phenol-d5	*2000*		ug/kg wet	*3330*		*60.1*	*15-110*			
Surrogate: Terphenyl-d14	*2330*		ug/kg wet	*3330*		*70.0*	*30-130*			
Surrogate: 2,4,6-Tribromophenol	*3670*		ug/kg wet	*3330*		*110*	*15-110*			
Duplicate (4010242-DUP1)	Source: SA06960-08			Prepared: 07-Jan-04 Analyzed: 08-Jan-04						
Acenaphthene	BRL	172	ug/kg dry		BRL				50	
Acenaphthylene	BRL	172	ug/kg dry		BRL				50	
Aniline	BRL	172	ug/kg dry		BRL				50	
Anthracene	BRL	172	ug/kg dry		BRL				50	
Azobenzene/Diphenyldiazine	BRL	172	ug/kg dry		BRL				50	
Benzidine	BRL	172	ug/kg dry		BRL				50	
Benzo (a) anthracene	BRL	172	ug/kg dry		BRL				50	
Benzo (a) pyrene	BRL	172	ug/kg dry		48.3				50	
Benzo (b) fluoranthene	BRL	172	ug/kg dry		BRL				50	
Benzo (g,h,i) perylene	BRL	172	ug/kg dry		BRL				50	
Benzo (k) fluoranthene	BRL	172	ug/kg dry		BRL				50	
Benzoic acid	BRL	172	ug/kg dry		BRL				50	
Benzyl alcohol	BRL	172	ug/kg dry		BRL				50	
Bis(2-chloroethoxy)methane	BRL	172	ug/kg dry		BRL				50	
Bis(2-chloroethyl)ether	BRL	172	ug/kg dry		BRL				50	
Bis(2-chloroisopropyl)ether	BRL	172	ug/kg dry		BRL				50	
Bis(2-ethylhexyl)phthalate	BRL	172	ug/kg dry		BRL				50	
4-Bromophenyl phenyl ether	BRL	172	ug/kg dry		BRL				50	
Butyl benzyl phthalate	BRL	172	ug/kg dry		BRL				50	
Carbazole	BRL	172	ug/kg dry		BRL				50	
4-Chloro-3-methylphenol	BRL	172	ug/kg dry		BRL				50	
4-Chloroaniline	BRL	172	ug/kg dry		BRL				50	
2-Chloronaphthalene	BRL	172	ug/kg dry		BRL				50	
Chlorophenol	BRL	172	ug/kg dry		BRL				50	
Chlorophenyl phenyl ether	BRL	172	ug/kg dry		BRL				50	
Chrysene	BRL	172	ug/kg dry		48.3				50	
Dibenzo (a,h) anthracene	BRL	172	ug/kg dry		BRL				50	

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010242 - SW846 3550B										
Duplicate (4010242-DUP1)	Source: SA06960-08			Prepared: 07-Jan-04 Analyzed: 08-Jan-04						
Dibenzofuran	BRL	172	ug/kg dry		BRL				50	
1,2-Dichlorobenzene	BRL	172	ug/kg dry		1.72			0.00	50	
1,3-Dichlorobenzene	BRL	172	ug/kg dry		BRL				50	
1,4-Dichlorobenzene	BRL	172	ug/kg dry		BRL				50	
3,3'-Dichlorobenzidine	BRL	172	ug/kg dry		BRL				50	
2,4-Dichlorophenol	BRL	172	ug/kg dry		BRL				50	
Diethyl phthalate	BRL	172	ug/kg dry		BRL				50	
Dimethyl phthalate	BRL	172	ug/kg dry		BRL				50	
2,4-Dimethylphenol	BRL	172	ug/kg dry		BRL				50	
Di-n-butyl phthalate	BRL	172	ug/kg dry		BRL				50	
4,6-Dinitro-2-methylphenol	BRL	172	ug/kg dry		BRL				50	
2,4-Dinitrophenol	BRL	172	ug/kg dry		129			42.0	50	
2,4-Dinitrotoluene	BRL	172	ug/kg dry		BRL				50	
2,6-Dinitrotoluene	BRL	172	ug/kg dry		BRL				50	
Di-n-octyl phthalate	BRL	172	ug/kg dry		BRL				50	
Fluoranthene	BRL	172	ug/kg dry		BRL				50	
Fluorene	BRL	172	ug/kg dry		BRL				50	
Hexachlorobenzene	BRL	172	ug/kg dry		BRL				50	
Hexachlorobutadiene	BRL	172	ug/kg dry		BRL				50	
Hexachlorocyclopentadiene	BRL	172	ug/kg dry		BRL				50	
Hexachloroethane	BRL	172	ug/kg dry		BRL				50	
Indeno (1,2,3-cd) pyrene	BRL	172	ug/kg dry		BRL				50	
1-Methylnaphthalene	BRL	172	ug/kg dry		BRL				50	
Isophorone	BRL	172	ug/kg dry		BRL				50	
2-Methylnaphthalene	BRL	172	ug/kg dry		BRL				50	
2-Methylphenol	BRL	172	ug/kg dry		BRL				50	
3-Methylphenol	BRL	172	ug/kg dry		BRL				50	
4-Methylphenol	BRL	172	ug/kg dry		BRL				50	
Naphthalene	BRL	172	ug/kg dry		BRL				50	
2-Nitroaniline	BRL	172	ug/kg dry		BRL				50	
3-Nitroaniline	BRL	172	ug/kg dry		BRL				50	
4-Nitroaniline	BRL	172	ug/kg dry		BRL				50	
Nitrobenzene	BRL	172	ug/kg dry		BRL				50	
2-Nitrophenol	BRL	172	ug/kg dry		BRL				50	
4-Nitrophenol	BRL	172	ug/kg dry		BRL				50	
N-Nitrosodimethylamine	BRL	172	ug/kg dry		BRL				50	
N-Nitrosodi-n-propylamine	BRL	172	ug/kg dry		BRL				50	
N-Nitrosodiphenylamine	BRL	172	ug/kg dry		BRL				50	
Pentachlorophenol	BRL	172	ug/kg dry		BRL				50	
Phenanthrene	BRL	172	ug/kg dry		BRL				50	
Phenol	BRL	172	ug/kg dry		BRL				50	
Pyrene	BRL	172	ug/kg dry		BRL				50	
Pyridine	BRL	172	ug/kg dry		BRL				50	
1,2,4-Trichlorobenzene	BRL	172	ug/kg dry		BRL				50	
2,4,5-Trichlorophenol	BRL	172	ug/kg dry		BRL				50	
2,4,6-Trichlorophenol	BRL	172	ug/kg dry		BRL				50	
Surrogate: 2-Fluorobiphenyl	*4600*		ug/kg dry	*8600*		*53.5*	*30-130*			
Surrogate: 2-Fluorophenol	*5330*		ug/kg dry	*8600*		*62.0*	*15-110*			
Surrogate: Nitrobenzene-d5	*3870*		ug/kg dry	*8600*		*45.0*	*30-130*			
Surrogate: Phenol-d5	*4830*		ug/kg dry	*8600*		*56.2*	*15-110*			
Surrogate: Terphenyl-dl4	*5450*		ug/kg dry	*8600*		*63.4*	*30-130*			
Surrogate: 2,4,6-Tribromophenol	*8450*		ug/kg dry	*8600*		*98.3*	*15-110*			
Matrix Spike (4010242-MS1)	Source: SA06960-08			Prepared: 07-Jan-04 Analyzed: 08-Jan-04						

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010242 - SW846 3550B										
Matrix Spike (4010242-MS1)	Source: SA06960-08			Prepared: 07-Jan-04 Analyzed: 08-Jan-04						
Acenaphthene	10700	170	ug/kg dry	17000	BRL	62.9	40-140			
4-Chloro-3-methylphenol	21400	170	ug/kg dry	33900	BRL	63.1	30-130			
2-Chlorophenol	19600	170	ug/kg dry	33900	BRL	57.8	30-130			
1,4-Dichlorobenzene	9660	170	ug/kg dry	17000	BRL	56.8	40-140			
2,4-Dinitrotoluene	7910	170	ug/kg dry	17000	BRL	46.5	40-140			
4-Nitrophenol	21800	170	ug/kg dry	33900	BRL	64.3	30-130			
N-Nitrosodi-n-propylamine	9350	170	ug/kg dry	17000	BRL	55.0	40-140			
Pentachlorophenol	21100	170	ug/kg dry	33900	BRL	62.2	30-130			
Phenol	19900	170	ug/kg dry	33900	BRL	58.7	30-130			
Pyrene	11200	170	ug/kg dry	17000	BRL	65.9	40-140			
1,2,4-Trichlorobenzene	10500	170	ug/kg dry	17000	BRL	61.8	40-140			
Surrogate: 2-Fluorobiphenyl	*9490*		ug/kg dry	*17000*		*55.8*	*30-130*			
Surrogate: 2-Fluorophenol	*9780*		ug/kg dry	*17000*		*57.5*	*15-110*			
Surrogate: Nitrobenzene-d5	*8290*		ug/kg dry	*17000*		*48.8*	*30-130*			
Surrogate: Phenol-d5	*8810*		ug/kg dry	*17000*		*51.8*	*15-110*			
Surrogate: Terphenyl-dl4	*11600*		ug/kg dry	*17000*		*68.2*	*30-130*			
Surrogate: 2,4,6-Tribromophenol	*17900*		ug/kg dry	*17000*		*105*	*15-110*			
Matrix Spike Dup (4010242-MSD1)	Source: SA06960-08			Prepared: 07-Jan-04 Analyzed: 08-Jan-04						
Acenaphthene	10700	171	ug/kg dry	17100	BRL	62.6	40-140	0.478	30	
4-Chloro-3-methylphenol	21900	171	ug/kg dry	34100	BRL	64.2	30-130	1.73	30	
2-Chlorophenol	19900	171	ug/kg dry	34100	BRL	58.4	30-130	1.03	30	
1,4-Dichlorobenzene	10000	171	ug/kg dry	17100	BRL	58.5	40-140	2.95	30	
4-Dinitrotoluene	8190	171	ug/kg dry	17100	BRL	47.9	40-140	2.97	30	
Nitrophenol	22600	171	ug/kg dry	34100	BRL	66.3	30-130	3.06	30	
N-Nitrosodi-n-propylamine	9490	171	ug/kg dry	17100	BRL	55.5	40-140	0.905	30	
entachlorophenol	21500	171	ug/kg dry	34100	BRL	63.0	30-130	1.28	30	
Phenol	20000	171	ug/kg dry	34100	BRL	58.7	30-130	0.00	30	
Pyrene	11300	171	ug/kg dry	17100	BRL	66.1	40-140	0.303	30	
1,2,4-Trichlorobenzene	10700	171	ug/kg dry	17100	BRL	62.6	40-140	1.29	30	
Surrogate: 2-Fluorobiphenyl	*9380*		ug/kg dry	*17100*		*54.9*	*30-130*			
Surrogate: 2-Fluorophenol	*9820*		ug/kg dry	*17100*		*57.4*	*15-110*			
Surrogate: Nitrobenzene-d5	*8280*		ug/kg dry	*17100*		*48.4*	*30-130*			
Surrogate: Phenol-d5	*8840*		ug/kg dry	*17100*		*51.7*	*15-110*			
Surrogate: Terphenyl-dl4	*11300*		ug/kg dry	*17100*		*66.1*	*30-130*			
Surrogate: 2,4,6-Tribromophenol	*17400*		ug/kg dry	*17100*		*102*	*15-110*			

Total Metals by EPA 6000/7000 Series Methods, Prepared by SW846 3050B - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010278 - EPA200/SW7000 Series										
Blank (4010278-BLK1)				Prepared: 07-Jan-04 Analyzed: 08-Jan-04						
Mercury	BRL	0.0010	mg/kg wet							
LCS (4010278-BS1)				Prepared: 07-Jan-04 Analyzed: 08-Jan-04						
Mercury	0.949	0.179	mg/kg wet	0.893		106	80-120			
Duplicate (4010278-DUP1)	Source: SA06895-01			Prepared: 07-Jan-04 Analyzed: 08-Jan-04						
Mercury	BRL	0.186	mg/kg dry		BRL				35	
Duplicate (4010278-DUP2)	Source: SA06960-06			Prepared: 07-Jan-04 Analyzed: 08-Jan-04						
Mercury	BRL	0.193	mg/kg dry		BRL				35	
Matrix Spike (4010278-MS1)	Source: SA06895-01			Prepared: 07-Jan-04 Analyzed: 08-Jan-04						
Mercury	0.412	0.169	mg/kg dry	0.393	BRL	105	75-125			
Matrix Spike (4010278-MS2)	Source: SA06960-07			Prepared: 07-Jan-04 Analyzed: 08-Jan-04						
Mercury	0.530	0.189	mg/kg dry	0.440	BRL	120	75-125			
Matrix Spike Dup (4010278-MSD1)	Source: SA06895-01			Prepared: 07-Jan-04 Analyzed: 08-Jan-04						
Mercury	0.450	0.182	mg/kg dry	0.423	BRL	106	75-125	8.82	35	
Matrix Spike Dup (4010278-MSD2)	Source: SA06960-07			Prepared: 07-Jan-04 Analyzed: 08-Jan-04						
Mercury	0.568	0.197	mg/kg dry	0.459	BRL	124	75-125	6.92	35	

Total Metals by EPA 200 Series Methods - Quality Control

alyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
atch 4010277 - EPA 200 Series										
Blank (4010277-BLK1)				Prepared: 07-Jan-04 Analyzed: 08-Jan-04						
Aluminum	0.0494	0.0300	mg/kg wet							QB-01
Antimony	BRL	0.0300	mg/kg wet							
Iron	0.0588	0.0100	mg/kg wet							QB-01
Magnesium	BRL	0.0500	mg/kg wet							
Manganese	BRL	0.0020	mg/kg wet							
Nickel	BRL	0.0100	mg/kg wet							
Potassium	BRL	5.50	mg/kg wet							
Selenium	BRL	0.0300	mg/kg wet							
Silver	BRL	0.0200	mg/kg wet							
Sodium	BRL	8.75	mg/kg wet							
Thallium	BRL	0.0300	mg/kg wet							
Vanadium	BRL	0.0100	mg/kg wet							
Zinc	BRL	0.480	mg/kg wet							
Arsenic	BRL	0.0300	mg/kg wet							
Beryllium	BRL	0.0040	mg/kg wet							
Cadmium	BRL	0.0050	mg/kg wet							
Calcium	0.115	0.100	mg/kg wet							QB-01
Chromium	BRL	0.0100	mg/kg wet							
Cobalt	BRL	0.0100	mg/kg wet							
Copper	BRL	0.0100	mg/kg wet							
Lead	BRL	0.0150	mg/kg wet							
Barium	BRL	0.0100	mg/kg wet							
' CS (4010277-BS1)				Prepared: 07-Jan-04 Analyzed: 08-Jan-04						
minum	0.963	0.0300	mg/kg wet	1.00		96.3	85-115			
Antimony	1.00	0.0300	mg/kg wet	1.00		100	85-115			
on	0.985	0.0100	mg/kg wet	1.00		98.5	85-115			
Magnesium	1.01	0.0500	mg/kg wet	1.00		101	85-115			
Manganese	0.963	0.0020	mg/kg wet	1.00		96.3	85-115			
Nickel	1.00	0.0100	mg/kg wet	1.00		100	85-115			
Potassium	99.0	0.200	mg/kg wet	100		99.0	85-115			
Selenium	1.07	0.0300	mg/kg wet	1.00		107	85-115			
Silver	0.964	0.0400	mg/kg wet	1.00		96.4	85-115			
Sodium	9.57	0.100	mg/kg wet	10.0		95.7	85-115			
Thallium	1.00	0.0300	mg/kg wet	1.00		100	85-115			
Vanadium	0.950	0.0100	mg/kg wet	1.00		95.0	85-115			
Zinc	1.02	0.0100	mg/kg wet	1.00		102	85-115			
Arsenic	1.03	0.0300	mg/kg wet	1.00		103	85-115			
Beryllium	0.967	0.0040	mg/kg wet	1.00		96.7	85-115			
Cadmium	1.01	0.0050	mg/kg wet	1.00		101	85-115			
Calcium	0.978	0.100	mg/kg wet	1.00		97.8	85-115			
Chromium	0.964	0.0100	mg/kg wet	1.00		96.4	85-115			
Cobalt	0.981	0.0100	mg/kg wet	1.00		98.1	85-115			
Copper	0.979	0.0100	mg/kg wet	1.00		97.9	85-115			
Lead	0.982	0.0150	mg/kg wet	1.00		98.2	85-115			
Barium	0.955	0.0100	mg/kg wet	1.00		95.5	85-115			
Duplicate (4010277-DUP1)		Source: SA06895-01		Prepared: 07-Jan-04 Analyzed: 08-Jan-04						
Aluminum	3090	3.13	mg/kg dry		3560			14.1	200	
Antimony	BRL	3.13	mg/kg dry		BRL				200	
Iron	5380	1.04	mg/kg dry		5350			0.559	200	
nesium	1020	5.22	mg/kg dry		1100			7.55	200	
anganese	45.8	0.209	mg/kg dry		54.6			17.5	200	
Nickel	4.02	1.04	mg/kg dry		5.32			27.8	200	
otassium	BRL	574	mg/kg dry		618			28.9	200	

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*Reportable Detection Limit BRL = Below Reporting Limit

alyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010277 - EPA 200 Series										
Duplicate (4010277-DUP1)	Source: SA06895-01			Prepared: 07-Jan-04 Analyzed: 08-Jan-04						
Selenium	BRL	3.13	mg/kg dry		BRL				200	
Silver	BRL	2.09	mg/kg dry		BRL				200	
Sodium	BRL	934	mg/kg dry		455			2.90	200	
Thallium	BRL	3.13	mg/kg dry		BRL				200	
Vanadium	7.83	1.04	mg/kg dry		8.08			3.14	200	
Zinc	BRL	50.1	mg/kg dry		12.4			9.28	200	
Arsenic	BRL	3.13	mg/kg dry		BRL				200	
Beryllium	BRL	0.418	mg/kg dry		BRL				200	
Cadmium	BRL	0.522	mg/kg dry		0.184			15.8	20	
Calcium	420	10.4	mg/kg dry		372			12.1	200	
Chromium	4.83	1.04	mg/kg dry		5.09			5.24	200	
Cobalt	2.15	1.04	mg/kg dry		2.56			17.4	200	
Copper	5.07	1.04	mg/kg dry		7.13			33.8	200	
Lead	1.71	1.57	mg/kg dry		3.94			78.9	200	
Barium	18.3	1.04	mg/kg dry		19.5			6.35	200	
Duplicate (4010277-DUP2)	Source: SA06960-06			Prepared: 07-Jan-04 Analyzed: 08-Jan-04						
Aluminum	6060	3.26	mg/kg dry		9930			48.4	200	
Antimony	BRL	3.26	mg/kg dry		BRL				200	
Iron	14500	21.8	mg/kg dry		24900			52.8	200	
Magnesium	2670	5.44	mg/kg dry		5420			68.0	200	
Manganese	330	0.218	mg/kg dry		551			50.2	200	
Nickel	22.1	1.09	mg/kg dry		32.3			37.5	200	
Potassium	BRL	598	mg/kg dry		453			60.7	200	
Selenium	BRL	3.26	mg/kg dry		BRL				200	
Silver	BRL	2.18	mg/kg dry		BRL				200	
Sodium	BRL	952	mg/kg dry		305			35.1	200	
Thallium	BRL	3.26	mg/kg dry		BRL				200	
Vanadium	6.03	1.09	mg/kg dry		9.45			44.2	200	
Zinc	447	1.09	mg/kg dry		585			26.7	200	
Arsenic	BRL	3.26	mg/kg dry		2.77			32.3	200	
Beryllium	BRL	0.435	mg/kg dry		0.390			52.4	200	
Cadmium	0.707	0.544	mg/kg dry		1.15			47.7	20	QM-04
Calcium	6850	218	mg/kg dry		21400			103	200	
Chromium	51.2	1.09	mg/kg dry		74.1			36.6	200	
Cobalt	5.71	1.09	mg/kg dry		8.65			40.9	200	
Copper	15.6	1.09	mg/kg dry		22.4			35.8	200	
Lead	4.63	1.63	mg/kg dry		7.66			49.3	200	
Barium	32.2	1.09	mg/kg dry		49.5			42.4	200	
Matrix Spike (4010277-MS1)	Source: SA06895-01			Prepared: 07-Jan-04 Analyzed: 08-Jan-04						
Aluminum	4500	3.11	mg/kg dry	104	3560	904	70-130			QM-02
Antimony	104	3.11	mg/kg dry	104	BRL	100	70-130			
Iron	5620	1.04	mg/kg dry	104	5350	260	70-130			QM-02
Magnesium	1230	5.19	mg/kg dry	104	1100	125	70-130			
Manganese	154	0.208	mg/kg dry	104	54.6	95.6	70-130			
Nickel	104	1.04	mg/kg dry	104	5.32	94.9	70-130			
Potassium	1160	20.8	mg/kg dry	1040	618	52.1	70-130			QM-4X
Selenium	119	3.11	mg/kg dry	104	BRL	114	70-130			
Silver	47.9	2.08	mg/kg dry	51.9	BRL	92.3	70-130			
Sodium	709	10.4	mg/kg dry	104	455	244	70-130			QM-4X
Thallium	100	3.11	mg/kg dry	104	BRL	96.2	70-130			
Vanadium	103	1.04	mg/kg dry	104	8.08	91.3	70-130			
Zinc	115	1.04	mg/kg dry	104	12.4	98.7	70-130			
Arsenic	106	3.11	mg/kg dry	104	BRL	102	70-130			

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010277 - EPA 200 Series										
Matrix Spike (4010277-MS1)	Source: SA06895-01			Prepared: 07-Jan-04 Analyzed: 08-Jan-04						
Beryllium	101	0.415	mg/kg dry	104	BRL	97.1	70-130			
Cadmium	102	0.519	mg/kg dry	104	0.184	97.9	70-130			
Calcium	433	10.4	mg/kg dry	104	372	58.7	70-130			QM-4X
Chromium	101	1.04	mg/kg dry	104	5.09	92.2	70-130			
Cobalt	106	1.04	mg/kg dry	104	2.56	99.5	70-130			
Copper	130	1.04	mg/kg dry	104	7.13	118	70-130			
Lead	98.3	1.56	mg/kg dry	104	3.94	90.7	70-130			
Barium	115	1.04	mg/kg dry	104	19.5	91.8	70-130			
Matrix Spike (4010277-MS2)	Source: SA06960-07			Prepared: 07-Jan-04 Analyzed: 08-Jan-04						
Aluminum	7890	3.43	mg/kg dry	114	8160	NR	70-130			QM-02
Antimony	113	3.43	mg/kg dry	114	BRL	99.1	70-130			
Iron	24200	1.14	mg/kg dry	114	20500	NR	70-130			QM-02
Magnesium	3850	5.71	mg/kg dry	114	3760	78.9	70-130			
Manganese	525	0.228	mg/kg dry	114	423	89.5	70-130			
Nickel	167	1.14	mg/kg dry	114	69.5	85.5	70-130			
Potassium	1330	22.8	mg/kg dry	1140	300	90.4	70-130			
Selenium	126	3.43	mg/kg dry	114	BRL	111	70-130			
Silver	50.4	2.28	mg/kg dry	57.1	BRL	88.3	70-130			
Sodium	378	11.4	mg/kg dry	114	215	143	70-130			QM-07
Thallium	97.3	3.43	mg/kg dry	114	BRL	85.4	70-130			
Vanadium	106	1.14	mg/kg dry	114	6.74	87.1	70-130			
Zinc	2430	1.14	mg/kg dry	114	1840	518	70-130			QM-4X
Arsenic	118	3.43	mg/kg dry	114	4.29	99.7	70-130			
Beryllium	105	0.457	mg/kg dry	114	0.304	91.8	70-130			
Cadmium	104	0.571	mg/kg dry	114	1.25	90.1	70-130			
Calcium	15400	11.4	mg/kg dry	114	9240	NR	70-130			QM-02
Chromium	322	1.14	mg/kg dry	114	174	130	70-130			
Cobalt	102	1.14	mg/kg dry	114	9.47	81.2	70-130			
Copper	139	1.14	mg/kg dry	114	38.7	88.0	70-130			
Lead	104	1.71	mg/kg dry	114	10.7	81.8	70-130			
Barium	146	1.14	mg/kg dry	114	37.7	95.0	70-130			
Reference (4010277-SRM1)				Prepared: 07-Jan-04 Analyzed: 08-Jan-04						
Aluminum	55.4	0.0300	mg/kg wet	59.6		93.0	85-115			
Nickel	0.476	0.0100	mg/kg wet	0.457		104	85-115			
Silver	0.194	0.0200	mg/kg wet	0.207		93.7	85-115			
Thallium	0.480	0.0300	mg/kg wet	0.517		92.8	85-115			
Vanadium	0.554	0.0100	mg/kg wet	0.639		86.7	85-115			
Zinc	6.07	0.0100	mg/kg wet	6.24		97.3	85-115			
Arsenic	0.738	0.0300	mg/kg wet	0.681		108	85-115			
Beryllium	0.0690	0.0040	mg/kg wet	0.0647		107	85-115			
Cadmium	1.06	0.0050	mg/kg wet	1.11		95.5	85-115			
Chromium	0.545	0.0100	mg/kg wet	0.518		105	85-115			
Cobalt	0.127	0.0100	mg/kg wet	0.128		99.2	85-115			
Copper	0.665	0.0100	mg/kg wet	0.617		108	85-115			
Lead	1.18	0.0150	mg/kg wet	1.35		87.4	85-115			

General Chemistry Parameters - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010249 - General Preparation										
Duplicate (4010249-DUP1)	Source: SA06960-09			Prepared: 07-Jan-04 Analyzed: 08-Jan-04						
% Solids	87.1		%		85.4			1.97	20	
Batch 4010344 - General Preparation										
Blank (4010344-BLK1)				Prepared & Analyzed: 08-Jan-04						
Cyanide (total)	BRL	1.00	mg/kg wet							
LCS (4010344-BS1)				Prepared & Analyzed: 08-Jan-04						
Cyanide (total)	7.98	1.00	mg/kg wet	10.0		79.8	90-110			QL-01
Matrix Spike (4010344-MS1)	Source: SA06762-07			Prepared & Analyzed: 08-Jan-04						
Cyanide (total)	10.6	1.12	mg/kg dry	11.2	BRL	94.6	75-125			
Matrix Spike Dup (4010344-MSD1)	Source: SA06762-07			Prepared & Analyzed: 08-Jan-04						
Cyanide (total)	11.3	1.11	mg/kg dry	11.1	BRL	102	75-125	6.39	20	
Reference (4010344-SRM1)				Prepared & Analyzed: 08-Jan-04						
Cyanide (total)	41.5	1.00	mg/kg wet	40.4		103	40-160			
Batch 4010351 - General Preparation										
Blank (4010351-BLK1)				Prepared & Analyzed: 08-Jan-04						
Cyanide (total)	BRL	1.00	mg/kg wet							
LCS (4010351-BS1)				Prepared & Analyzed: 08-Jan-04						
Cyanide (total)	9.13	1.00	mg/kg wet	10.0		91.3	90-110			
Batch 4010352 - General Preparation										
Blank (4010352-BLK1)				Prepared: 07-Jan-04 Analyzed: 08-Jan-04						
Hexavalent Chromium	BRL	10.0	mg/kg wet							
LCS (4010352-BS1)				Prepared: 07-Jan-04 Analyzed: 08-Jan-04						
Hexavalent Chromium	19.1	10.0	mg/kg wet	20.0		95.5	90-110			
Duplicate (4010352-DUP1)	Source: SA06960-08			Prepared: 07-Jan-04 Analyzed: 08-Jan-04						
Hexavalent Chromium	BRL	11.3	mg/kg dry		1.06			109	35	QR-01
Matrix Spike (4010352-MS1)	Source: SA06960-08			Prepared: 07-Jan-04 Analyzed: 08-Jan-04						
Hexavalent Chromium	0.448		mg/kg dry	0.500	0.0220	85.2	75-125			Z-2
Reference (4010352-SRM1)				Prepared: 07-Jan-04 Analyzed: 08-Jan-04						
Hexavalent Chromium	61.6	10.0	mg/kg wet	71.1		86.6	63.8-136			

Notes and Definitions

QB-01	The method blank contains analyte at a concentration above the MRL; however, concentration is less than 10% of the sample result, which is negligible according to method criteria.
QC-1	Analyte out of acceptance range.
QL-01	Sample results for the QC batch were accepted based on LCS/LCSD percent recoveries and RPD values.
QM-02	The RPD and/or percent recovery for this QC spike sample cannot be accurately calculated due to the high concentration of analyte inherent in the sample.
QM-04	Visual evaluation of the sample indicates the RPD is above the control limit due to a non-homogeneous sample matrix.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM-4X	The spike recovery was outside of QC acceptance limits for the MS and/or MSD due to analyte concentration at 4 times or greater the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits.
QR-01	Analyses are not controlled on RPD values from sample concentrations less than 10 times the reporting limit. QC batch accepted based on LCS and/or LCSD QC results.
vext1	Lab Extracted
Z-2	Sample required dilution due to color interference and a post-spike was performed.
BRL	Below Reporting Limit - Analyte NOT DETECTED at or above the reporting limit
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. The RDL is generally 5 to 10 times the MDL. However, it may be nominally chosen within these guidelines to simplify data reporting. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Validated by:
Hanibal C. Tayeh, Ph.D.
Nicole Brown

SA06959

Items for Project Manager Review

LabNumber	Analysis	Analyte	Exception
			Default Report (not modified)
	8082 PCBs	(Soil/Sediment)	RPD calculations based on %Recovery
	8260B Full List	(Soil/Sediment)	RPD calculations based on %Recovery
	8260B Full List	(Aqueous)	RPD calculations based on %Recovery
	8270 Full List	(Soil/Sediment)	RPD calculations based on %Recovery
4010242-BS1	8270 Full List	Hexachlorocyclopentadiene	QC-1
4010242-BS1	8270 Full List	Benzyl alcohol	QC-1
4010242-BS1	8270 Full List	Benzidine	QC-1
4010242-BS1	8270 Full List	2,4-Dinitrophenol	QC-1
4010242-BS1	8270 Full List	4,6-Dinitro-2-methylphenol	QC-1
4010242-BS1	8270 Full List	Pyridine	QC-1
4010242-BS1	8270 Full List	Hexachlorocyclopentadiene	Exceeds lower control limit
4010242-BS1	8270 Full List	Benzidine	Exceeds lower control limit
4010242-BS1	8270 Full List	Benzyl alcohol	Exceeds lower control limit
4010242-BS1	8270 Full List	4,6-Dinitro-2-methylphenol	Exceeds lower control limit
4010242-BS1	8270 Full List	2,4-Dinitrophenol	Exceeds lower control limit
4010242-BS1	8270 Full List	Pyridine	Exceeds lower control limit
4010247-BS1	8260B Full List	1,2,3-Trichlorobenzene	Exceeds upper control limit
4010247-BS1	8260B Full List	Hexachlorobutadiene	Exceeds upper control limit
4010247-BS1	8260B Full List	Bromoform	Exceeds upper control limit
4010247-BS1	8260B Full List	1,2,3-Trichlorobenzene	QC-1
4010247-BS1	8260B Full List	Bromoform	QC-1
4010247-BS1	8260B Full List	Hexachlorobutadiene	QC-1
4010277-BLK1	Al Total ICP 200.7	Aluminum	Blank >1 x MRL
4010277-BLK1	Al Total ICP 200.7	Aluminum	QB-01
4010277-BLK1	Ca Total ICP 200.7	Calcium	Blank >1 x MRL
4010277-BLK1	Ca Total ICP 200.7	Calcium	QB-01
4010277-BLK1	Fe Total ICP 200.7	Iron	QB-01
4010277-BLK1	Fe Total ICP 200.7	Iron	Blank >1 x MRL
4010277-DUP2	Cd Total ICP 200.7	Cadmium	Exceeds RPD limit
4010277-DUP2	Cd Total ICP 200.7	Cadmium	QM-04
4010277-MS1	Al Total ICP 200.7	Aluminum	Exceeds upper control limit
4010277-MS1	Al Total ICP 200.7	Aluminum	QM-02
4010277-MS1	Ca Total ICP 200.7	Calcium	Exceeds lower control limit
4010277-MS1	Ca Total ICP 200.7	Calcium	QM-4X
4010277-MS1	Fe Total ICP 200.7	Iron	QM-02
4010277-MS1	Fe Total ICP 200.7	Iron	Exceeds upper control limit
4010277-MS1	K Total ICP 200.7	Potassium	Exceeds lower control limit
4010277-MS1	K Total ICP 200.7	Potassium	QM-4X
4010277-MS1	Na Total ICP 200.7	Sodium	QM-4X
4010277-MS1	Na Total ICP 200.7	Sodium	Exceeds upper control limit
4010277-MS2	Al Total ICP 200.7	Aluminum	Exceeds lower control limit
4010277-MS2	Al Total ICP 200.7	Aluminum	QM-02
4010277-MS2	Ca Total ICP 200.7	Calcium	QM-02
4010277-MS2	Ca Total ICP 200.7	Calcium	Exceeds upper control limit
4010277-MS2	Fe Total ICP 200.7	Iron	Exceeds upper control limit
4010277-MS2	Fe Total ICP 200.7	Iron	QM-02
4010277-MS2	Na Total ICP 200.7	Sodium	Exceeds upper control limit
4010277-MS2	Na Total ICP 200.7	Sodium	QM-07
4010277-MS2	Zn Total ICP 200.7	Zinc	QM-4X
4010277-MS2	Zn Total ICP 200.7	Zinc	Exceeds upper control limit
4010293-BS1	8260B Full List	Acetone	QC-1
4010293-BS1	8260B Full List	n-Butylbenzene	QC-1
4010293-BS1	8260B Full List	Hexachlorobutadiene	Exceeds upper control limit
4010293-BS1	8260B Full List	Hexachlorobutadiene	QC-1

SA 0694 .xls

SPECTRUM ANALYTICAL, INC.
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HANNIBAL TECHNOLOGY

ERM - Standard

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 24hrs.
- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Ed Hinchey
ERM
5788 Widewaters Pkwy
Dewitt, NY 13214
Project Mgr.: Ed Hinchey

Invoice To: Same
IAM# 24010255
24010256

P.O. No.: 0013172 RQN:

Project No.: 0013172
Site Name: Axiohm
Location: Ithaca State: N.Y.
Sampler(s): Chris Wunderlich + Nancy Reese

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH_3OH 8=$NaHSO_4$ 9=_____ 10=_____

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1=_____ X2=_____ X3=_____

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: VOCs 8260	SVOCs 8270	TAL metals	Cyanide	Hexchrome	PCBs			QA Reporting Notes: (check if needed)
(AD69591-01)	Axi B-1 (3-5)	5 Jan 04	1335	G	SO	ice		1			—	—	—	—	—				
-02	Axi MW-5 (5-7)		1403													X			*Please extract
-03	Axi B-2 (7-9)		1545																VOC soil *
-04	Axi B-3 (7-9)		1630	↓	↓	↓		↓			↓	↓	↓	↓	↓				
-05	Axi TB (050104)		—	—	—	2	1	X			X								

State specific reporting standards *If applicable, please list below.*

☐ Provide MCP CAM Report
Were all field QC requirements met as per MADEP CAM Section 2.0?
☐ Yes ☐ No
(Response required for CAM report)

☒ Fax results when available to (315 445-2543
☐ E-mail to _____
EDD Format _____

Condition upon receipt: ☒ Iced ☐ Ambient ☒ °C 3

Relinquished by:	Received by:	Date:	Time:
Nancy Lee Reese		5 Jan 04	1842
Fed X	Simon Fraser	1/7/04	0939

C :ER

Report Date:
09-Jan-04 16:43

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Laboratory Report

Environmental Resources Management
5788 Widewaters Pkwy
Dewitt, NY 13214
Attn: Ed Hinchey

Project:Axiohm - Ithaca, NY
Project #:0013172

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA06960-01	Axi B-4 (13-14.5)	Soil	06-Jan-04 08:30	07-Jan-04 09:59
SA06960-02	Axi B-5 (3-5)	Soil	06-Jan-04 08:35	07-Jan-04 09:59
SA06960-03	Axi B-6 (7-9)	Soil	06-Jan-04 09:30	07-Jan-04 09:59
SA06960-04	Axi B-7 (13-14)	Soil	06-Jan-04 10:45	07-Jan-04 09:59
SA06960-05	Axi B-8 (9-11)	Soil	06-Jan-04 11:12	07-Jan-04 09:59
SA06960-06	Axi B-9 (11-12.5)	Soil	06-Jan-04 11:48	07-Jan-04 09:59
SA06960-07	Axi B-10 (9-11)	Soil	06-Jan-04 13:22	07-Jan-04 09:59
SA06960-08	Axi B-11 (5-7)	Soil	06-Jan-04 14:00	07-Jan-04 09:59
SA06960-09	Axi B-12 (9-10.7)	Soil	06-Jan-04 14:25	07-Jan-04 09:59
SA06960-10	Axi B-13 (3-5)	Soil	06-Jan-04 14:55	07-Jan-04 09:59

I attest that all information contained within this report has been reviewed for accuracy and checked against all quality control requirements outlined in each applicable method and meet the requirements of NELAC.
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Massachusetts Certification # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87600
Maine # MA138
New Hampshire # 2538
New York # 11393
Rhode Island # 98
USDA # S-51435

ACCREDITED IN ACCORDANCE WITH nelac

Authorized by:

Hanibal C. Tayeh, Ph.D.
President/Laboratory Director

Please refer to our "Quality" webpage at www.spectrum-analytical.com for a full listing of our current certifications.

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-4 (13-14.5) SA06960-01	0013172	Soil	06-Jan-04 08:30	07-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
VOC Extraction	Field Extracted	N/A	1	VOC	07-Jan-04	07-Jan-04	4010285	lm	
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							
Acetone	BRL	580 ug/kg dry	50	SW 846 8260B	07-Jan-04	07-Jan-04	4010247	tlm	
Acrylonitrile	BRL	29.0 ug/kg dry	50	"	"	"	"	"	
Benzene	BRL	29.0 ug/kg dry	50	"	"	"	"	"	
Bromobenzene	BRL	29.0 ug/kg dry	50	"	"	"	"	"	
Bromochloromethane	BRL	29.0 ug/kg dry	50	"	"	"	"	"	
Bromodichloromethane	BRL	29.0 ug/kg dry	50	"	"	"	"	"	
Bromoform	BRL	29.0 ug/kg dry	50	"	"	"	"	"	
Bromomethane	BRL	58.0 ug/kg dry	50	"	"	"	"	"	
2-Butanone (MEK)	BRL	290 ug/kg dry	50	"	"	"	"	"	
n-Butylbenzene	BRL	29.0 ug/kg dry	50	"	"	"	"	"	
sec-Butylbenzene	BRL	29.0 ug/kg dry	50	"	"	"	"	"	
tert-Butylbenzene	BRL	29.0 ug/kg dry	50	"	"	"	"	"	
Carbon disulfide	BRL	145 ug/kg dry	50	"	"	"	"	"	
Carbon tetrachloride	BRL	29.0 ug/kg dry	50	"	"	"	"	"	
Chlorobenzene	BRL	29.0 ug/kg dry	50	"	"	"	"	"	
Chloroethane	BRL	58.0 ug/kg dry	50	"	"	"	"	"	
Chloroform	BRL	29.0 ug/kg dry	50	"	"	"	"	"	
Chloromethane	BRL	58.0 ug/kg dry	50	"	"	"	"	"	
2-Chlorotoluene	BRL	29.0 ug/kg dry	50	"	"	"	"	"	
4-Chlorotoluene	BRL	29.0 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	58.0 ug/kg dry	50	"	"	"	"	"	
Dibromochloromethane	BRL	29.0 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	29.0 ug/kg dry	50	"	"	"	"	"	
Dibromomethane	BRL	29.0 ug/kg dry	50	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	29.0 ug/kg dry	50	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	29.0 ug/kg dry	50	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	29.0 ug/kg dry	50	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	58.0 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethane	BRL	29.0 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloroethane	BRL	29.0 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethene	BRL	29.0 ug/kg dry	50	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	29.0 ug/kg dry	50	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	29.0 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloropropane	BRL	29.0 ug/kg dry	50	"	"	"	"	"	
1,3-Dichloropropane	BRL	29.0 ug/kg dry	50	"	"	"	"	"	
2,2-Dichloropropane	BRL	29.0 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloropropene	BRL	29.0 ug/kg dry	50	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	29.0 ug/kg dry	50	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	29.0 ug/kg dry	50	"	"	"	"	"	
Ethylbenzene	BRL	29.0 ug/kg dry	50	"	"	"	"	"	
Hexachlorobutadiene	BRL	29.0 ug/kg dry	50	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-4 (13-14.5) SA06960-01	0013172	Soil	06-Jan-04 08:30	07-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							
2-Hexanone (MBK)	BRL	290 ug/kg dry	50	"	"	"	"	"	
Isopropylbenzene	BRL	29.0 ug/kg dry	50	"	"	"	"	"	
4-Isopropyltoluene	BRL	29.0 ug/kg dry	50	"	"	"	"	"	
Methyl tert-butyl ether	BRL	29.0 ug/kg dry	50	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	290 ug/kg dry	50	"	"	"	"	"	
Methylene chloride	BRL	290 ug/kg dry	50	"	"	"	"	"	
Naphthalene	BRL	29.0 ug/kg dry	50	"	"	"	"	"	
n-Propylbenzene	BRL	29.0 ug/kg dry	50	"	"	"	"	"	
Styrene	BRL	29.0 ug/kg dry	50	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	29.0 ug/kg dry	50	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	29.0 ug/kg dry	50	"	"	"	"	"	
Tetrachloroethene	BRL	29.0 ug/kg dry	50	"	"	"	"	"	
Toluene	BRL	29.0 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	29.0 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	29.0 ug/kg dry	50	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	29.0 ug/kg dry	50	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	29.0 ug/kg dry	50	"	"	"	"	"	
Trichloroethene	1,090	29.0 ug/kg dry	50	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	29.0 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	29.0 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	29.0 ug/kg dry	50	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	29.0 ug/kg dry	50	"	"	"	"	"	
Vinyl chloride	BRL	29.0 ug/kg dry	50	"	"	"	"	"	
m,p-Xylene	BRL	58.0 ug/kg dry	50	"	"	"	"	"	
o-Xylene	BRL	29.0 ug/kg dry	50	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*104*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*102*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*106*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*103*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-4 (13-14.5) SA06960-01	0013172	Soil	06-Jan-04 08:30	07-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GC									
Polychlorinated Biphenyls by SW846 8082		Prepared by method SW846 3550B							
PCB 1016	BRL	35.8 ug/kg dry	1	SW846 8082	07-Jan-04	08-Jan-04	4010243	MP	
PCB 1221	BRL	35.8 ug/kg dry	1	"	"	"	"	"	
PCB 1232	BRL	35.8 ug/kg dry	1	"	"	"	"	"	
PCB 1242	BRL	35.8 ug/kg dry	1	"	"	"	"	"	
PCB 1248	BRL	35.8 ug/kg dry	1	"	"	"	"	"	
PCB 1254	BRL	35.8 ug/kg dry	1	"	"	"	"	"	
PCB 1260	BRL	35.8 ug/kg dry	1	"	"	"	"	"	
PCB 1262	BRL	35.8 ug/kg dry	1	"	"	"	"	"	
PCB 1268	BRL	35.8 ug/kg dry	1	"	"	"	"	"	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*87.2*	*40-140 %*		"	"	"	"	"	
Surrogate: Decachlorobiphenyl (Sr)	*90.5*	*40-140 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C		Prepared by method SW846 3550B							
Acenaphthene	BRL	171 ug/kg dry	1	SW846 8270C	07-Jan-04	08-Jan-04	4010242	M.B	
Acenaphthylene	BRL	171 ug/kg dry	1	"	"	"	"	"	
Aniline	BRL	171 ug/kg dry	1	"	"	"	"	"	
Anthracene	BRL	171 ug/kg dry	1	"	"	"	"	"	
Azobenzene/Diphenyldiazine	BRL	171 ug/kg dry	1	"	"	"	"	"	
Benzidine	BRL	171 ug/kg dry	1	"	"	"	"	"	
Benzo (a) anthracene	BRL	171 ug/kg dry	1	"	"	"	"	"	
Benzo (a) pyrene	BRL	171 ug/kg dry	1	"	"	"	"	"	
Benzo (b) fluoranthene	BRL	171 ug/kg dry	1	"	"	"	"	"	
Benzo (g,h,i) perylene	BRL	171 ug/kg dry	1	"	"	"	"	"	
Benzo (k) fluoranthene	BRL	171 ug/kg dry	1	"	"	"	"	"	
Benzoic acid	BRL	171 ug/kg dry	1	"	"	"	"	"	
Benzyl alcohol	BRL	171 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroethoxy)methane	BRL	171 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroethyl)ether	BRL	171 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	BRL	171 ug/kg dry	1	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	BRL	171 ug/kg dry	1	"	"	"	"	"	
4-Bromophenyl phenyl ether	BRL	171 ug/kg dry	1	"	"	"	"	"	
Butyl benzyl phthalate	BRL	171 ug/kg dry	1	"	"	"	"	"	
Carbazole	BRL	171 ug/kg dry	1	"	"	"	"	"	
4-Chloro-3-methylphenol	BRL	171 ug/kg dry	1	"	"	"	"	"	
4-Chloroaniline	BRL	171 ug/kg dry	1	"	"	"	"	"	
2-Chloronaphthalene	BRL	171 ug/kg dry	1	"	"	"	"	"	
2-Chlorophenol	BRL	171 ug/kg dry	1	"	"	"	"	"	
4-Chlorophenyl phenyl ether	BRL	171 ug/kg dry	1	"	"	"	"	"	
Chrysene	BRL	171 ug/kg dry	1	"	"	"	"	"	
Dibenzo (a,h) anthracene	BRL	171 ug/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-4 (13-14.5) SA06960-01	0013172	Soil	06-Jan-04 08:30	07-Jan-04

Analyte(s)	*Result*	*RDL/Units	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3550B									
Dibenzofuran	BRL	171 ug/kg dry	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	171 ug/kg dry	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	171 ug/kg dry	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	171 ug/kg dry	1	"	"	"	"	"	
3,3'-Dichlorobenzidine	BRL	171 ug/kg dry	1	"	"	"	"	"	
2,4-Dichlorophenol	BRL	171 ug/kg dry	1	"	"	"	"	"	
Diethyl phthalate	BRL	171 ug/kg dry	1	"	"	"	"	"	
Dimethyl phthalate	BRL	171 ug/kg dry	1	"	"	"	"	"	
2,4-Dimethylphenol	BRL	171 ug/kg dry	1	"	"	"	"	"	
Di-n-butyl phthalate	BRL	171 ug/kg dry	1	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	BRL	171 ug/kg dry	1	"	"	"	"	"	
2,4-Dinitrophenol	BRL	171 ug/kg dry	1	"	"	"	"	"	
2,4-Dinitrotoluene	BRL	171 ug/kg dry	1	"	"	"	"	"	
2,6-Dinitrotoluene	BRL	171 ug/kg dry	1	"	"	"	"	"	
Di-n-octyl phthalate	BRL	171 ug/kg dry	1	"	"	"	"	"	
Fluoranthene	BRL	171 ug/kg dry	1	"	"	"	"	"	
Fluorene	BRL	171 ug/kg dry	1	"	"	"	"	"	
Hexachlorobenzene	BRL	171 ug/kg dry	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	171 ug/kg dry	1	"	"	"	"	"	
Hexachlorocyclopentadiene	BRL	171 ug/kg dry	1	"	"	"	"	"	
Hexachloroethane	BRL	171 ug/kg dry	1	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	BRL	171 ug/kg dry	1	"	"	"	"	"	
1-Methylnaphthalene	BRL	170 ug/kg dry	1	"	"	"	"	"	
Isophorone	BRL	171 ug/kg dry	1	"	"	"	"	"	
2-Methylnaphthalene	BRL	171 ug/kg dry	1	"	"	"	"	"	
2-Methylphenol	BRL	171 ug/kg dry	1	"	"	"	"	"	
3-Methylphenol	BRL	171 ug/kg dry	1	"	"	"	"	"	
4-Methylphenol	BRL	171 ug/kg dry	1	"	"	"	"	"	
Naphthalene	BRL	171 ug/kg dry	1	"	"	"	"	"	
2-Nitroaniline	BRL	171 ug/kg dry	1	"	"	"	"	"	
3-Nitroaniline	BRL	171 ug/kg dry	1	"	"	"	"	"	
4-Nitroaniline	BRL	171 ug/kg dry	1	"	"	"	"	"	
Nitrobenzene	BRL	171 ug/kg dry	1	"	"	"	"	"	
2-Nitrophenol	BRL	171 ug/kg dry	1	"	"	"	"	"	
4-Nitrophenol	BRL	171 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodimethylamine	BRL	171 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodi-n-propylamine	BRL	171 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodiphenylamine	BRL	171 ug/kg dry	1	"	"	"	"	"	
Pentachlorophenol	BRL	171 ug/kg dry	1	"	"	"	"	"	
Phenanthrene	BRL	171 ug/kg dry	1	"	"	"	"	"	
Phenol	BRL	171 ug/kg dry	1	"	"	"	"	"	
Pyrene	BRL	171 ug/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-4 (13-14.5) SA06960-01	0013172	Soil	06-Jan-04 08:30	07-Jan-04

Analyte(s)	*Result*	*RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3550B									
Pyridine	BRL	171 ug/kg dry	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	171 ug/kg dry	1	"	"	"	"	"	
2,4,5-Trichlorophenol	BRL	171 ug/kg dry	1	"	"	"	"	"	
2,4,6-Trichlorophenol	BRL	171 ug/kg dry	1	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl	*63.7*	*30-130 %*		"	"	"	"	"	
Surrogate: 2-Fluorophenol	*70.9*	*15-110 %*		"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*54.6*	*30-130 %*		"	"	"	"	"	
Surrogate: Phenol-d5	*64.1*	*15-110 %*		"	"	"	"	"	
Surrogate: Terphenyl-dl4	*75.8*	*30-130 %*		"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol	*118*	*15-110 %*		"	"	"	"	"	S-GC
Total Metals by EPA 6000/7000 Series Methods, Prepared by SW846 3050B									
Mercury	BRL	0.186 mg/kg dry	1	SW846 7471A	07-Jan-04	08-Jan-04	4010278	YP	
Total Metals by EPA 200 Series Methods									
Silver	BRL	2.11 mg/kg dry	1	EPA 200.7	"	08-Jan-04	4010277	RE	
Aluminum	9,270	3.17 mg/kg dry	1	"	"	"	"	"	
Arsenic	BRL	3.17 mg/kg dry	1	"	"	"	"	"	
Barium	40.6	1.06 mg/kg dry	1	"	"	"	"	"	
Beryllium	BRL	0.422 mg/kg dry	1	"	"	"	"	"	
Calcium	26,000	211 mg/kg dry	20	"	"	08-Jan-04	"	"	
Cadmium	0.697	0.528 mg/kg dry	1	"	"	08-Jan-04	"	"	
Cobalt	6.61	1.06 mg/kg dry	1	"	"	"	"	"	
Chromium	12.8	1.06 mg/kg dry	1	"	"	"	"	"	
Copper	25.6	1.06 mg/kg dry	1	"	"	"	"	"	
Iron	22,500	21.1 mg/kg dry	20	"	"	08-Jan-04	"	"	
Potassium	BRL	581 mg/kg dry	1	"	"	08-Jan-04	"	"	
Magnesium	7,030	106 mg/kg dry	20	"	"	08-Jan-04	"	"	
Manganese	425	0.211 mg/kg dry	1	"	"	08-Jan-04	"	"	
Sodium	BRL	924 mg/kg dry	1	"	"	"	"	"	
Nickel	18.5	1.06 mg/kg dry	1	"	"	"	"	"	
Lead	4.35	1.58 mg/kg dry	1	"	"	"	"	"	
Antimony	BRL	3.17 mg/kg dry	1	"	"	"	"	"	
Selenium	BRL	3.17 mg/kg dry	1	"	"	"	"	"	
Thallium	BRL	3.17 mg/kg dry	1	"	"	"	"	"	
Vanadium	8.38	1.06 mg/kg dry	1	"	"	"	"	"	
Zinc	65.5	1.06 mg/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-4 (13-14.5) SA06960-01	0013172	Soil	06-Jan-04 08:30	07-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
General Chemistry Parameters									
% Solids	93.0	%	1	SM2540 G Mod.	07-Jan-04	08-Jan-04	4010249	ln	
Hexavalent Chromium	BRL	11.1 mg/kg dry	1	SW846 3060A	07-Jan-04	08-Jan-04	4010352	aj	
Cyanide (total)	BRL	1.05 mg/kg dry	1	10-204-00-1-A	08-Jan-04	08-Jan-04	4010351	jak	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-5 (3-5) SA06960-02	0013172	Soil	06-Jan-04 08:35	07-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
VOC Extraction	Field Extracted	N/A	1	VOC	07-Jan-04	07-Jan-04	4010285	lm	
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							
Acetone	BRL	476 ug/kg dry	50	SW 846 8260B	07-Jan-04	07-Jan-04	4010247	tim	
Acrylonitrile	BRL	23.8 ug/kg dry	50	"	"	"	"	"	
Benzene	BRL	23.8 ug/kg dry	50	"	"	"	"	"	
Bromobenzene	BRL	23.8 ug/kg dry	50	"	"	"	"	"	
Bromochloromethane	BRL	23.8 ug/kg dry	50	"	"	"	"	"	
Bromodichloromethane	BRL	23.8 ug/kg dry	50	"	"	"	"	"	
Bromoform	BRL	23.8 ug/kg dry	50	"	"	"	"	"	
Bromomethane	BRL	47.6 ug/kg dry	50	"	"	"	"	"	
2-Butanone (MEK)	BRL	238 ug/kg dry	50	"	"	"	"	"	
n-Butylbenzene	BRL	23.8 ug/kg dry	50	"	"	"	"	"	
sec-Butylbenzene	BRL	23.8 ug/kg dry	50	"	"	"	"	"	
tert-Butylbenzene	BRL	23.8 ug/kg dry	50	"	"	"	"	"	
Carbon disulfide	BRL	119 ug/kg dry	50	"	"	"	"	"	
Carbon tetrachloride	BRL	23.8 ug/kg dry	50	"	"	"	"	"	
Chlorobenzene	BRL	23.8 ug/kg dry	50	"	"	"	"	"	
Chloroethane	BRL	47.6 ug/kg dry	50	"	"	"	"	"	
Chloroform	BRL	23.8 ug/kg dry	50	"	"	"	"	"	
Chloromethane	BRL	47.6 ug/kg dry	50	"	"	"	"	"	
2-Chlorotoluene	BRL	23.8 ug/kg dry	50	"	"	"	"	"	
4-Chlorotoluene	BRL	23.8 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	47.6 ug/kg dry	50	"	"	"	"	"	
Dibromochloromethane	BRL	23.8 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	23.8 ug/kg dry	50	"	"	"	"	"	
Dibromomethane	BRL	23.8 ug/kg dry	50	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	23.8 ug/kg dry	50	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	23.8 ug/kg dry	50	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	23.8 ug/kg dry	50	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	47.6 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethane	BRL	23.8 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloroethane	BRL	23.8 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethene	BRL	23.8 ug/kg dry	50	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	23.8 ug/kg dry	50	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	23.8 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloropropane	BRL	23.8 ug/kg dry	50	"	"	"	"	"	
1,3-Dichloropropane	BRL	23.8 ug/kg dry	50	"	"	"	"	"	
2,2-Dichloropropane	BRL	23.8 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloropropene	BRL	23.8 ug/kg dry	50	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	23.8 ug/kg dry	50	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	23.8 ug/kg dry	50	"	"	"	"	"	
Ethylbenzene	BRL	23.8 ug/kg dry	50	"	"	"	"	"	
Hexachlorobutadiene	BRL	23.8 ug/kg dry	50	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-5 (3-5) SA06960-02	0013172	Soil	06-Jan-04 08:35	07-Jan-04

Analyte(s)	*Result*	*RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							
2-Hexanone (MBK)	BRL	238 ug/kg dry	50	"	"	"	"	"	
Isopropylbenzene	BRL	23.8 ug/kg dry	50	"	"	"	"	"	
4-Isopropyltoluene	BRL	23.8 ug/kg dry	50	"	"	"	"	"	
Methyl tert-butyl ether	BRL	23.8 ug/kg dry	50	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	238 ug/kg dry	50	"	"	"	"	"	
Methylene chloride	BRL	238 ug/kg dry	50	"	"	"	"	"	
Naphthalene	BRL	23.8 ug/kg dry	50	"	"	"	"	"	
n-Propylbenzene	BRL	23.8 ug/kg dry	50	"	"	"	"	"	
Styrene	BRL	23.8 ug/kg dry	50	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	23.8 ug/kg dry	50	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	23.8 ug/kg dry	50	"	"	"	"	"	
Tetrachloroethene	BRL	23.8 ug/kg dry	50	"	"	"	"	"	
Toluene	BRL	23.8 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	23.8 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	23.8 ug/kg dry	50	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	23.8 ug/kg dry	50	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	23.8 ug/kg dry	50	"	"	"	"	"	
Trichloroethene	50.6	23.8 ug/kg dry	50	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	23.8 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	23.8 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	23.8 ug/kg dry	50	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	23.8 ug/kg dry	50	"	"	"	"	"	
Vinyl chloride	BRL	23.8 ug/kg dry	50	"	"	"	"	"	
m,p-Xylene	BRL	47.6 ug/kg dry	50	"	"	"	"	"	
o-Xylene	BRL	23.8 ug/kg dry	50	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*109*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*100*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*104*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*103*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-5 (3-5) SA06960-02	0013172	Soil	06-Jan-04 08:35	07-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3550B									
Acenaphthene	BRL	143 ug/kg dry	1	SW846 8270C	07-Jan-04	08-Jan-04	4010242	M.B	
Acenaphthylene	BRL	143 ug/kg dry	1	"	"	"	"	"	
Aniline	BRL	143 ug/kg dry	1	"	"	"	"	"	
Anthracene	BRL	143 ug/kg dry	1	"	"	"	"	"	
Azobenzene/Diphenyldiazine	BRL	143 ug/kg dry	1	"	"	"	"	"	
Benzidine	BRL	143 ug/kg dry	1	"	"	"	"	"	
Benzo (a) anthracene	BRL	143 ug/kg dry	1	"	"	"	"	"	
Benzo (a) pyrene	BRL	143 ug/kg dry	1	"	"	"	"	"	
Benzo (b) fluoranthene	BRL	143 ug/kg dry	1	"	"	"	"	"	
Benzo (g,h,i) perylene	BRL	143 ug/kg dry	1	"	"	"	"	"	
Benzo (k) fluoranthene	BRL	143 ug/kg dry	1	"	"	"	"	"	
Benzoic acid	BRL	143 ug/kg dry	1	"	"	"	"	"	
Benzyl alcohol	BRL	143 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroethoxy)methane	BRL	143 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroethyl)ether	BRL	143 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	BRL	143 ug/kg dry	1	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	BRL	143 ug/kg dry	1	"	"	"	"	"	
4-Bromophenyl phenyl ether	BRL	143 ug/kg dry	1	"	"	"	"	"	
Butyl benzyl phthalate	BRL	143 ug/kg dry	1	"	"	"	"	"	
Carbazole	BRL	143 ug/kg dry	1	"	"	"	"	"	
4-Chloro-3-methylphenol	BRL	143 ug/kg dry	1	"	"	"	"	"	
4-Chloroaniline	BRL	143 ug/kg dry	1	"	"	"	"	"	
2-Chloronaphthalene	BRL	143 ug/kg dry	1	"	"	"	"	"	
2-Chlorophenol	BRL	143 ug/kg dry	1	"	"	"	"	"	
4-Chlorophenyl phenyl ether	BRL	143 ug/kg dry	1	"	"	"	"	"	
Chrysene	BRL	143 ug/kg dry	1	"	"	"	"	"	
Dibenzo (a,h) anthracene	BRL	143 ug/kg dry	1	"	"	"	"	"	
Dibenzofuran	BRL	143 ug/kg dry	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	143 ug/kg dry	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	143 ug/kg dry	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	143 ug/kg dry	1	"	"	"	"	"	
3,3'-Dichlorobenzidine	BRL	143 ug/kg dry	1	"	"	"	"	"	
2,4-Dichlorophenol	BRL	143 ug/kg dry	1	"	"	"	"	"	
Diethyl phthalate	BRL	143 ug/kg dry	1	"	"	"	"	"	
Dimethyl phthalate	BRL	143 ug/kg dry	1	"	"	"	"	"	
2,4-Dimethylphenol	BRL	143 ug/kg dry	1	"	"	"	"	"	
Di-n-butyl phthalate	BRL	143 ug/kg dry	1	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	BRL	143 ug/kg dry	1	"	"	"	"	"	
2,4-Dinitrophenol	BRL	143 ug/kg dry	1	"	"	"	"	"	
2,4-Dinitrotoluene	BRL	143 ug/kg dry	1	"	"	"	"	"	
2,6-Dinitrotoluene	BRL	143 ug/kg dry	1	"	"	"	"	"	
Di-n-octyl phthalate	BRL	143 ug/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-5 (3-5) SA06960-02	0013172	Soil	06-Jan-04 08:35	07-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3550B									
Fluoranthene	BRL	143 ug/kg dry	1	"	"	"	"	"	
Fluorene	BRL	143 ug/kg dry	1	"	"	"	"	"	
Hexachlorobenzene	BRL	143 ug/kg dry	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	143 ug/kg dry	1	"	"	"	"	"	
Hexachlorocyclopentadiene	BRL	143 ug/kg dry	1	"	"	"	"	"	
Hexachloroethane	BRL	143 ug/kg dry	1	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	BRL	143 ug/kg dry	1	"	"	"	"	"	
1-Methylnaphthalene	BRL	142 ug/kg dry	1	"	"	"	"	"	
Isophorone	BRL	143 ug/kg dry	1	"	"	"	"	"	
2-Methylnaphthalene	BRL	143 ug/kg dry	1	"	"	"	"	"	
2-Methylphenol	BRL	143 ug/kg dry	1	"	"	"	"	"	
3-Methylphenol	BRL	143 ug/kg dry	1	"	"	"	"	"	
4-Methylphenol	BRL	143 ug/kg dry	1	"	"	"	"	"	
Naphthalene	BRL	143 ug/kg dry	1	"	"	"	"	"	
2-Nitroaniline	BRL	143 ug/kg dry	1	"	"	"	"	"	
3-Nitroaniline	BRL	143 ug/kg dry	1	"	"	"	"	"	
4-Nitroaniline	BRL	143 ug/kg dry	1	"	"	"	"	"	
Nitrobenzene	BRL	143 ug/kg dry	1	"	"	"	"	"	
2-Nitrophenol	BRL	143 ug/kg dry	1	"	"	"	"	"	
4-Nitrophenol	BRL	143 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodimethylamine	BRL	143 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodi-n-propylamine	BRL	143 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodiphenylamine	BRL	143 ug/kg dry	1	"	"	"	"	"	
Pentachlorophenol	BRL	143 ug/kg dry	1	"	"	"	"	"	
Phenanthrene	BRL	143 ug/kg dry	1	"	"	"	"	"	
Phenol	BRL	143 ug/kg dry	1	"	"	"	"	"	
Pyrene	BRL	143 ug/kg dry	1	"	"	"	"	"	
Pyridine	BRL	143 ug/kg dry	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	143 ug/kg dry	1	"	"	"	"	"	
2,4,5-Trichlorophenol	BRL	143 ug/kg dry	1	"	"	"	"	"	
2,4,6-Trichlorophenol	BRL	143 ug/kg dry	1	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl	*62.1*	*30-130 %*		"	"	"	"	"	
Surrogate: 2-Fluorophenol	*69.8*	*15-110 %*		"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*51.3*	*30-130 %*		"	"	"	"	"	
Surrogate: Phenol-d5	*62.3*	*15-110 %*		"	"	"	"	"	
Surrogate: Terphenyl-d14	*74.1*	*30-130 %*		"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol	*110*	*15-110 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-5 (3-5) SA06960-02	0013172	Soil	06-Jan-04 08:35	07-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Total Metals by EPA 6000/7000 Series Methods, Prepared by SW846 3050B									
Mercury	BRL	0.183 mg/kg dry	1	SW846 7471A	07-Jan-04	08-Jan-04	4010278	YP	
Total Metals by EPA 200 Series Methods									
Silver	BRL	2.06 mg/kg dry	1	EPA 200.7	"	08-Jan-04	4010277	RE	
Aluminum	6,280	3.09 mg/kg dry	1	"	"	"	"	"	
Arsenic	BRL	3.09 mg/kg dry	1	"	"	"	"	"	
Barium	26.2	1.03 mg/kg dry	1	"	"	"	"	"	
Beryllium	BRL	0.412 mg/kg dry	1	"	"	"	"	"	
Calcium	49,300	206 mg/kg dry	20	"	"	08-Jan-04	"	"	
Cadmium	0.535	0.514 mg/kg dry	1	"	"	08-Jan-04	"	"	
Cobalt	5.03	1.03 mg/kg dry	1	"	"	"	"	"	
Chromium	8.10	1.03 mg/kg dry	1	"	"	"	"	"	
Copper	20.7	1.03 mg/kg dry	1	"	"	"	"	"	
Iron	16,500	20.6 mg/kg dry	20	"	"	08-Jan-04	"	"	
Potassium	BRL	566 mg/kg dry	1	"	"	08-Jan-04	"	"	
Magnesium	7,300	103 mg/kg dry	20	"	"	08-Jan-04	"	"	
Manganese	426	0.206 mg/kg dry	1	"	"	08-Jan-04	"	"	
Sodium	BRL	900 mg/kg dry	1	"	"	"	"	"	
Nickel	14.0	1.03 mg/kg dry	1	"	"	"	"	"	
Lead	4.78	1.54 mg/kg dry	1	"	"	"	"	"	
Antimony	BRL	3.09 mg/kg dry	1	"	"	"	"	"	
Selenium	BRL	3.09 mg/kg dry	1	"	"	"	"	"	
Thallium	BRL	3.09 mg/kg dry	1	"	"	"	"	"	
Vanadium	6.34	1.03 mg/kg dry	1	"	"	"	"	"	
Zinc	51.8	1.03 mg/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-5 (3-5) SA06960-02	0013172	Soil	06-Jan-04 08:35	07-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
General Chemistry Parameters									
% Solids	94.4	%	1	SM2540 G Mod.	07-Jan-04	08-Jan-04	4010249	ln	
Hexavalent Chromium	BRL	10.3 mg/kg dry	1	SW846 3060A	07-Jan-04	08-Jan-04	4010352	aj	
Cyanide (total)	BRL	1.04 mg/kg dry	1	10-204-00-1-A	08-Jan-04	08-Jan-04	4010351	jak	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-5 (3-5) SA06960-02RE1	0013172	Soil	06-Jan-04 08:35	07-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5035A							
Acetone	BRL	38.3 ug/kg dry	1	SW 846 8260B	08-Jan-04	08-Jan-04	4010293	tim	
Acrylonitrile	BRL	1.91 ug/kg dry	1	"	"	"	"	"	
Benzene	BRL	1.91 ug/kg dry	1	"	"	"	"	"	
Bromobenzene	BRL	1.91 ug/kg dry	1	"	"	"	"	"	
Bromochloromethane	BRL	1.91 ug/kg dry	1	"	"	"	"	"	
Bromodichloromethane	BRL	1.91 ug/kg dry	1	"	"	"	"	"	
Bromoform	BRL	1.91 ug/kg dry	1	"	"	"	"	"	
Bromomethane	BRL	3.83 ug/kg dry	1	"	"	"	"	"	
2-Butanone (MEK)	BRL	19.1 ug/kg dry	1	"	"	"	"	"	
n-Butylbenzene	BRL	1.91 ug/kg dry	1	"	"	"	"	"	
sec-Butylbenzene	BRL	1.91 ug/kg dry	1	"	"	"	"	"	
tert-Butylbenzene	BRL	1.91 ug/kg dry	1	"	"	"	"	"	
Carbon disulfide	BRL	9.57 ug/kg dry	1	"	"	"	"	"	
Carbon tetrachloride	BRL	1.91 ug/kg dry	1	"	"	"	"	"	
Chlorobenzene	BRL	1.91 ug/kg dry	1	"	"	"	"	"	
Chloroethane	BRL	3.83 ug/kg dry	1	"	"	"	"	"	
Chloroform	BRL	1.91 ug/kg dry	1	"	"	"	"	"	
Chloromethane	BRL	3.83 ug/kg dry	1	"	"	"	"	"	
2-Chlorotoluene	BRL	1.91 ug/kg dry	1	"	"	"	"	"	
4-Chlorotoluene	BRL	1.91 ug/kg dry	1	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	3.83 ug/kg dry	1	"	"	"	"	"	
Dibromochloromethane	BRL	1.91 ug/kg dry	1	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	1.91 ug/kg dry	1	"	"	"	"	"	
Dibromomethane	BRL	1.91 ug/kg dry	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	1.91 ug/kg dry	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	1.91 ug/kg dry	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	1.91 ug/kg dry	1	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	3.83 ug/kg dry	1	"	"	"	"	"	
1,1-Dichloroethane	BRL	1.91 ug/kg dry	1	"	"	"	"	"	
1,2-Dichloroethane	BRL	1.91 ug/kg dry	1	"	"	"	"	"	
1,1-Dichloroethene	BRL	1.91 ug/kg dry	1	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	1.91 ug/kg dry	1	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	1.91 ug/kg dry	1	"	"	"	"	"	
1,2-Dichloropropane	BRL	1.91 ug/kg dry	1	"	"	"	"	"	
1,3-Dichloropropane	BRL	1.91 ug/kg dry	1	"	"	"	"	"	
2,2-Dichloropropane	BRL	1.91 ug/kg dry	1	"	"	"	"	"	
1,1-Dichloropropene	BRL	1.91 ug/kg dry	1	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	1.91 ug/kg dry	1	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	1.91 ug/kg dry	1	"	"	"	"	"	
Ethylbenzene	BRL	1.91 ug/kg dry	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	1.91 ug/kg dry	1	"	"	"	"	"	
2-Hexanone (MBK)	BRL	19.1 ug/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-5 (3-5) SA06960-02RE1	0013172	Soil	06-Jan-04 08:35	07-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5035A							
Isopropylbenzene	BRL	1.91 ug/kg dry	1	"	"	"	"	"	
4-Isopropyltoluene	BRL	1.91 ug/kg dry	1	"	"	"	"	"	
Methyl tert-butyl ether	BRL	1.91 ug/kg dry	1	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	19.1 ug/kg dry	1	"	"	"	"	"	
Methylene chloride	BRL	19.1 ug/kg dry	1	"	"	"	"	"	
Naphthalene	BRL	1.91 ug/kg dry	1	"	"	"	"	"	
n-Propylbenzene	BRL	1.91 ug/kg dry	1	"	"	"	"	"	
Styrene	BRL	1.91 ug/kg dry	1	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	1.91 ug/kg dry	1	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	1.91 ug/kg dry	1	"	"	"	"	"	
Tetrachloroethene	BRL	1.91 ug/kg dry	1	"	"	"	"	"	
Toluene	BRL	1.91 ug/kg dry	1	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	1.91 ug/kg dry	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	1.91 ug/kg dry	1	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	1.91 ug/kg dry	1	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	1.91 ug/kg dry	1	"	"	"	"	"	
Trichloroethene	12.2	1.91 ug/kg dry	1	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	1.91 ug/kg dry	1	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	1.91 ug/kg dry	1	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	1.91 ug/kg dry	1	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	1.91 ug/kg dry	1	"	"	"	"	"	
Vinyl chloride	BRL	1.91 ug/kg dry	1	"	"	"	"	"	
m,p-Xylene	BRL	3.83 ug/kg dry	1	"	"	"	"	"	
o-Xylene	BRL	1.91 ug/kg dry	1	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*100*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*102*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*103*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*106*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-6 (7-9) SA06960-03	0013172	Soil	06-Jan-04 09:30	07-Jan-04

Analyte(s)	*Result*	*RDL/Units	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
VOC Extraction	Field Extracted	N/A	1	VOC	07-Jan-04	07-Jan-04	4010285	ln	
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							
Acetone	BRL	594 ug/kg dry	50	SW 846 8260B	07-Jan-04	07-Jan-04	4010247	tim	
Acrylonitrile	BRL	29.7 ug/kg dry	50	"	"	"	"	"	
Benzene	BRL	29.7 ug/kg dry	50	"	"	"	"	"	
Bromobenzene	BRL	29.7 ug/kg dry	50	"	"	"	"	"	
Bromochloromethane	BRL	29.7 ug/kg dry	50	"	"	"	"	"	
Bromodichloromethane	BRL	29.7 ug/kg dry	50	"	"	"	"	"	
Bromoform	BRL	29.7 ug/kg dry	50	"	"	"	"	"	
Bromomethane	BRL	59.4 ug/kg dry	50	"	"	"	"	"	
2-Butanone (MEK)	BRL	297 ug/kg dry	50	"	"	"	"	"	
n-Butylbenzene	BRL	29.7 ug/kg dry	50	"	"	"	"	"	
sec-Butylbenzene	BRL	29.7 ug/kg dry	50	"	"	"	"	"	
tert-Butylbenzene	BRL	29.7 ug/kg dry	50	"	"	"	"	"	
Carbon disulfide	BRL	149 ug/kg dry	50	"	"	"	"	"	
Carbon tetrachloride	BRL	29.7 ug/kg dry	50	"	"	"	"	"	
Chlorobenzene	BRL	29.7 ug/kg dry	50	"	"	"	"	"	
Chloroethane	BRL	59.4 ug/kg dry	50	"	"	"	"	"	
Chloroform	BRL	29.7 ug/kg dry	50	"	"	"	"	"	
Chloromethane	BRL	59.4 ug/kg dry	50	"	"	"	"	"	
2-Chlorotoluene	BRL	29.7 ug/kg dry	50	"	"	"	"	"	
4-Chlorotoluene	BRL	29.7 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	59.4 ug/kg dry	50	"	"	"	"	"	
Dibromochloromethane	BRL	29.7 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	29.7 ug/kg dry	50	"	"	"	"	"	
Dibromomethane	BRL	29.7 ug/kg dry	50	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	29.7 ug/kg dry	50	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	29.7 ug/kg dry	50	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	29.7 ug/kg dry	50	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	59.4 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethane	BRL	29.7 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloroethane	BRL	29.7 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethene	BRL	29.7 ug/kg dry	50	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	29.7 ug/kg dry	50	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	29.7 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloropropane	BRL	29.7 ug/kg dry	50	"	"	"	"	"	
1,3-Dichloropropane	BRL	29.7 ug/kg dry	50	"	"	"	"	"	
2,2-Dichloropropane	BRL	29.7 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloropropene	BRL	29.7 ug/kg dry	50	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	29.7 ug/kg dry	50	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	29.7 ug/kg dry	50	"	"	"	"	"	
Ethylbenzene	BRL	29.7 ug/kg dry	50	"	"	"	"	"	
Hexachlorobutadiene	BRL	29.7 ug/kg dry	50	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-6 (7-9) SA06960-03	0013172	Soil	06-Jan-04 09:30	07-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							
2-Hexanone (MBK)	BRL	297 ug/kg dry	50	"	"	"	"	"	
Isopropylbenzene	BRL	29.7 ug/kg dry	50	"	"	"	"	"	
4-Isopropyltoluene	BRL	29.7 ug/kg dry	50	"	"	"	"	"	
Methyl tert-butyl ether	BRL	29.7 ug/kg dry	50	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	297 ug/kg dry	50	"	"	"	"	"	
Methylene chloride	BRL	297 ug/kg dry	50	"	"	"	"	"	
Naphthalene	BRL	29.7 ug/kg dry	50	"	"	"	"	"	
n-Propylbenzene	BRL	29.7 ug/kg dry	50	"	"	"	"	"	
Styrene	BRL	29.7 ug/kg dry	50	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	29.7 ug/kg dry	50	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	29.7 ug/kg dry	50	"	"	"	"	"	
Tetrachloroethene	BRL	29.7 ug/kg dry	50	"	"	"	"	"	
Toluene	BRL	29.7 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	29.7 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	29.7 ug/kg dry	50	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	29.7 ug/kg dry	50	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	29.7 ug/kg dry	50	"	"	"	"	"	
Trichloroethene	82.9	29.7 ug/kg dry	50	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	29.7 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	29.7 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	29.7 ug/kg dry	50	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	29.7 ug/kg dry	50	"	"	"	"	"	
Vinyl chloride	BRL	29.7 ug/kg dry	50	"	"	"	"	"	
m,p-Xylene	BRL	59.4 ug/kg dry	50	"	"	"	"	"	
o-Xylene	BRL	29.7 ug/kg dry	50	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*105*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*101*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*102*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*98.4*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-6 (7-9) SA06960-03	0013172	Soil	06-Jan-04 09:30	07-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3550B									
Acenaphthene	BRL	171 ug/kg dry	1	SW846 8270C	07-Jan-04	08-Jan-04	4010242	M.B	
Acenaphthylene	BRL	171 ug/kg dry	1	"	"	"	"	"	
Aniline	BRL	171 ug/kg dry	1	"	"	"	"	"	
Anthracene	BRL	171 ug/kg dry	1	"	"	"	"	"	
Azobenzene/Diphenyldiazine	BRL	171 ug/kg dry	1	"	"	"	"	"	
Benzidine	BRL	171 ug/kg dry	1	"	"	"	"	"	
Benzo (a) anthracene	BRL	171 ug/kg dry	1	"	"	"	"	"	
Benzo (a) pyrene	BRL	171 ug/kg dry	1	"	"	"	"	"	
Benzo (b) fluoranthene	BRL	171 ug/kg dry	1	"	"	"	"	"	
Benzo (g,h,i) perylene	BRL	171 ug/kg dry	1	"	"	"	"	"	
Benzo (k) fluoranthene	BRL	171 ug/kg dry	1	"	"	"	"	"	
Benzoic acid	BRL	171 ug/kg dry	1	"	"	"	"	"	
Benzyl alcohol	BRL	171 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroethoxy)methane	BRL	171 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroethyl)ether	BRL	171 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	BRL	171 ug/kg dry	1	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	BRL	171 ug/kg dry	1	"	"	"	"	"	
4-Bromophenyl phenyl ether	BRL	171 ug/kg dry	1	"	"	"	"	"	
Butyl benzyl phthalate	BRL	171 ug/kg dry	1	"	"	"	"	"	
Carbazole	BRL	171 ug/kg dry	1	"	"	"	"	"	
4-Chloro-3-methylphenol	BRL	171 ug/kg dry	1	"	"	"	"	"	
4-Chloroaniline	BRL	171 ug/kg dry	1	"	"	"	"	"	
2-Chloronaphthalene	BRL	171 ug/kg dry	1	"	"	"	"	"	
2-Chlorophenol	BRL	171 ug/kg dry	1	"	"	"	"	"	
4-Chlorophenyl phenyl ether	BRL	171 ug/kg dry	1	"	"	"	"	"	
Chrysene	BRL	171 ug/kg dry	1	"	"	"	"	"	
Dibenzo (a,h) anthracene	BRL	171 ug/kg dry	1	"	"	"	"	"	
Dibenzofuran	BRL	171 ug/kg dry	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	171 ug/kg dry	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	171 ug/kg dry	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	171 ug/kg dry	1	"	"	"	"	"	
3,3'-Dichlorobenzidine	BRL	171 ug/kg dry	1	"	"	"	"	"	
2,4-Dichlorophenol	BRL	171 ug/kg dry	1	"	"	"	"	"	
Diethyl phthalate	BRL	171 ug/kg dry	1	"	"	"	"	"	
Dimethyl phthalate	BRL	171 ug/kg dry	1	"	"	"	"	"	
2,4-Dimethylphenol	BRL	171 ug/kg dry	1	"	"	"	"	"	
Di-n-butyl phthalate	BRL	171 ug/kg dry	1	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	BRL	171 ug/kg dry	1	"	"	"	"	"	
2,4-Dinitrophenol	BRL	171 ug/kg dry	1	"	"	"	"	"	
2,4-Dinitrotoluene	BRL	171 ug/kg dry	1	"	"	"	"	"	
2,6-Dinitrotoluene	BRL	171 ug/kg dry	1	"	"	"	"	"	
Di-n-octyl phthalate	BRL	171 ug/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-6 (7-9) SA06960-03	0013172	Soil	06-Jan-04 09:30	07-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3550B									
Fluoranthene	BRL	171 ug/kg dry	1	"	"	"	"	"	
Fluorene	BRL	171 ug/kg dry	1	"	"	"	"	"	
Hexachlorobenzene	BRL	171 ug/kg dry	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	171 ug/kg dry	1	"	"	"	"	"	
Hexachlorocyclopentadiene	BRL	171 ug/kg dry	1	"	"	"	"	"	
Hexachloroethane	BRL	171 ug/kg dry	1	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	BRL	171 ug/kg dry	1	"	"	"	"	"	
1-Methylnaphthalene	BRL	170 ug/kg dry	1	"	"	"	"	"	
Isophorone	BRL	171 ug/kg dry	1	"	"	"	"	"	
2-Methylnaphthalene	BRL	171 ug/kg dry	1	"	"	"	"	"	
2-Methylphenol	BRL	171 ug/kg dry	1	"	"	"	"	"	
3-Methylphenol	BRL	171 ug/kg dry	1	"	"	"	"	"	
4-Methylphenol	BRL	171 ug/kg dry	1	"	"	"	"	"	
Naphthalene	BRL	171 ug/kg dry	1	"	"	"	"	"	
2-Nitroaniline	BRL	171 ug/kg dry	1	"	"	"	"	"	
3-Nitroaniline	BRL	171 ug/kg dry	1	"	"	"	"	"	
4-Nitroaniline	BRL	171 ug/kg dry	1	"	"	"	"	"	
Nitrobenzene	BRL	171 ug/kg dry	1	"	"	"	"	"	
2-Nitrophenol	BRL	171 ug/kg dry	1	"	"	"	"	"	
4-Nitrophenol	BRL	171 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodimethylamine	BRL	171 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodi-n-propylamine	BRL	171 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodiphenylamine	BRL	171 ug/kg dry	1	"	"	"	"	"	
Pentachlorophenol	BRL	171 ug/kg dry	1	"	"	"	"	"	
Phenanthrene	BRL	171 ug/kg dry	1	"	"	"	"	"	
Phenol	BRL	171 ug/kg dry	1	"	"	"	"	"	
Pyrene	BRL	171 ug/kg dry	1	"	"	"	"	"	
Pyridine	BRL	171 ug/kg dry	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	171 ug/kg dry	1	"	"	"	"	"	
2,4,5-Trichlorophenol	BRL	171 ug/kg dry	1	"	"	"	"	"	
2,4,6-Trichlorophenol	BRL	171 ug/kg dry	1	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl	*68.0*	*30-130 %*		"	"	"	"	"	
Surrogate: 2-Fluorophenol	*75.1*	*15-110 %*		"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*56.4*	*30-130 %*		"	"	"	"	"	
Surrogate: Phenol-d5	*66.9*	*15-110 %*		"	"	"	"	"	
Surrogate: Terphenyl-d14	*83.4*	*30-130 %*		"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol	*117*	*15-110 %*		"	"	"	"	"	S-GC

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-6 (7-9) SA06960-03	0013172	Soil	06-Jan-04 09:30	07-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Total Metals by EPA 6000/7000 Series Methods, Prepared by SW846 3050B									
Mercury	BRL	0.173 mg/kg dry	1	SW846 7471A	07-Jan-04	08-Jan-04	4010278	YP	
Total Metals by EPA 200 Series Methods									
Silver	BRL	2.01 mg/kg dry	1	EPA 200.7	"	08-Jan-04	4010277	RE	
Aluminum	8,760	3.01 mg/kg dry	1	"	"	"	"	"	
Arsenic	BRL	3.01 mg/kg dry	1	"	"	"	"	"	
Barium	50.6	1.00 mg/kg dry	1	"	"	"	"	"	
Beryllium	BRL	0.401 mg/kg dry	1	"	"	"	"	"	
Calcium	53,700	201 mg/kg dry	20	"	"	08-Jan-04	"	"	
Cadmium	0.712	0.501 mg/kg dry	1	"	"	08-Jan-04	"	"	
Cobalt	6.83	1.00 mg/kg dry	1	"	"	"	"	"	
Chromium	11.5	1.00 mg/kg dry	1	"	"	"	"	"	
Copper	22.4	1.00 mg/kg dry	1	"	"	"	"	"	
Iron	22,200	20.1 mg/kg dry	20	"	"	08-Jan-04	"	"	
Potassium	BRL	551 mg/kg dry	1	"	"	08-Jan-04	"	"	
Magnesium	8,700	100 mg/kg dry	20	"	"	08-Jan-04	"	"	
Manganese	495	0.201 mg/kg dry	1	"	"	08-Jan-04	"	"	
Sodium	BRL	877 mg/kg dry	1	"	"	"	"	"	
Nickel	18.5	1.00 mg/kg dry	1	"	"	"	"	"	
Lead	10.7	1.50 mg/kg dry	1	"	"	"	"	"	
Antimony	BRL	3.01 mg/kg dry	1	"	"	"	"	"	
Selenium	BRL	3.01 mg/kg dry	1	"	"	"	"	"	
Thallium	BRL	3.01 mg/kg dry	1	"	"	"	"	"	
Vanadium	10.4	1.00 mg/kg dry	1	"	"	"	"	"	
Zinc	70.3	1.00 mg/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-6 (7-9) SA06960-03	0013172	Soil	06-Jan-04 09:30	07-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
General Chemistry Parameters									
% Solids	92.1	%	1	SM2540 G Mod.	07-Jan-04	08-Jan-04	4010249	ln	
Hexavalent Chromium	BRL	10.8 mg/kg dry	1	SW846 3060A	07-Jan-04	08-Jan-04	4010352	aj	
Cyanide (total)	BRL	1.05 mg/kg dry	1	10-204-00-1-A	08-Jan-04	08-Jan-04	4010351	jak	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-6 (7-9) SA06960-03RE2	0013172	Soil	06-Jan-04 09:30	07-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5035A							
Acetone	BRL	245 ug/kg dry	1	SW 846 8260B	08-Jan-04	08-Jan-04	4010303	CH	
Acrylonitrile	BRL	12.3 ug/kg dry	1	"	"	"	"	"	
Benzene	BRL	12.3 ug/kg dry	1	"	"	"	"	"	
Bromobenzene	BRL	12.3 ug/kg dry	1	"	"	"	"	"	
Bromochloromethane	BRL	12.3 ug/kg dry	1	"	"	"	"	"	
Bromodichloromethane	BRL	12.3 ug/kg dry	1	"	"	"	"	"	
Bromoform	BRL	12.3 ug/kg dry	1	"	"	"	"	"	
Bromomethane	BRL	24.5 ug/kg dry	1	"	"	"	"	"	
2-Butanone (MEK)	BRL	123 ug/kg dry	1	"	"	"	"	"	
n-Butylbenzene	BRL	12.3 ug/kg dry	1	"	"	"	"	"	
sec-Butylbenzene	BRL	12.3 ug/kg dry	1	"	"	"	"	"	
tert-Butylbenzene	BRL	12.3 ug/kg dry	1	"	"	"	"	"	
Carbon disulfide	BRL	61.3 ug/kg dry	1	"	"	"	"	"	
Carbon tetrachloride	BRL	12.3 ug/kg dry	1	"	"	"	"	"	
Chlorobenzene	BRL	12.3 ug/kg dry	1	"	"	"	"	"	
Chloroethane	BRL	24.5 ug/kg dry	1	"	"	"	"	"	
Chloroform	BRL	12.3 ug/kg dry	1	"	"	"	"	"	
Chloromethane	BRL	24.5 ug/kg dry	1	"	"	"	"	"	
2-Chlorotoluene	BRL	12.3 ug/kg dry	1	"	"	"	"	"	
4-Chlorotoluene	BRL	12.3 ug/kg dry	1	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	24.5 ug/kg dry	1	"	"	"	"	"	
Dibromochloromethane	BRL	12.3 ug/kg dry	1	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	12.3 ug/kg dry	1	"	"	"	"	"	
Dibromomethane	BRL	12.3 ug/kg dry	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	12.3 ug/kg dry	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	12.3 ug/kg dry	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	12.3 ug/kg dry	1	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	24.5 ug/kg dry	1	"	"	"	"	"	
1,1-Dichloroethane	BRL	12.3 ug/kg dry	1	"	"	"	"	"	
1,2-Dichloroethane	BRL	12.3 ug/kg dry	1	"	"	"	"	"	
1,1-Dichloroethene	BRL	12.3 ug/kg dry	1	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	12.3 ug/kg dry	1	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	12.3 ug/kg dry	1	"	"	"	"	"	
1,2-Dichloropropane	BRL	12.3 ug/kg dry	1	"	"	"	"	"	
1,3-Dichloropropane	BRL	12.3 ug/kg dry	1	"	"	"	"	"	
2,2-Dichloropropane	BRL	12.3 ug/kg dry	1	"	"	"	"	"	
1,1-Dichloropropene	BRL	12.3 ug/kg dry	1	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	12.3 ug/kg dry	1	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	12.3 ug/kg dry	1	"	"	"	"	"	
Ethylbenzene	BRL	12.3 ug/kg dry	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	12.3 ug/kg dry	1	"	"	"	"	"	
2-Hexanone (MBK)	BRL	123 ug/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-6 (7-9) SA06960-03RE2	0013172	Soil	06-Jan-04 09:30	07-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5035A							
Isopropylbenzene	BRL	12.3 ug/kg dry	1	"	"	"	"	"	
4-Isopropyltoluene	BRL	12.3 ug/kg dry	1	"	"	"	"	"	
Methyl tert-butyl ether	BRL	12.3 ug/kg dry	1	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	123 ug/kg dry	1	"	"	"	"	"	
Methylene chloride	BRL	123 ug/kg dry	1	"	"	"	"	"	
Naphthalene	BRL	12.3 ug/kg dry	1	"	"	"	"	"	
n-Propylbenzene	BRL	12.3 ug/kg dry	1	"	"	"	"	"	
Styrene	BRL	12.3 ug/kg dry	1	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	12.3 ug/kg dry	1	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	12.3 ug/kg dry	1	"	"	"	"	"	
Tetrachloroethene	BRL	12.3 ug/kg dry	1	"	"	"	"	"	
Toluene	BRL	12.3 ug/kg dry	1	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	12.3 ug/kg dry	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	12.3 ug/kg dry	1	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	12.3 ug/kg dry	1	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	12.3 ug/kg dry	1	"	"	"	"	"	
Trichloroethene	113	12.3 ug/kg dry	1	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	12.3 ug/kg dry	1	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	12.3 ug/kg dry	1	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	12.3 ug/kg dry	1	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	12.3 ug/kg dry	1	"	"	"	"	"	
Vinyl chloride	BRL	12.3 ug/kg dry	1	"	"	"	"	"	
m,p-Xylene	BRL	24.5 ug/kg dry	1	"	"	"	"	"	
o-Xylene	BRL	12.3 ug/kg dry	1	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*81.2*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*91.2*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*114*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*106*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-7 (13-14) SA06960-04	0013172	Soil	06-Jan-04 10:45	07-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
VOC Extraction	Field Extracted	N/A	1	VOC	07-Jan-04	07-Jan-04	4010285	lm	
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							
Acetone	BRL	625 ug/kg dry	50	SW 846 8260B	07-Jan-04	07-Jan-04	4010247	tim	
Acrylonitrile	BRL	31.2 ug/kg dry	50	"	"	"	"	"	
Benzene	BRL	31.2 ug/kg dry	50	"	"	"	"	"	
Bromobenzene	BRL	31.2 ug/kg dry	50	"	"	"	"	"	
Bromochloromethane	BRL	31.2 ug/kg dry	50	"	"	"	"	"	
Bromodichloromethane	BRL	31.2 ug/kg dry	50	"	"	"	"	"	
Bromoform	BRL	31.2 ug/kg dry	50	"	"	"	"	"	
Bromomethane	BRL	62.5 ug/kg dry	50	"	"	"	"	"	
2-Butanone (MEK)	BRL	312 ug/kg dry	50	"	"	"	"	"	
n-Butylbenzene	BRL	31.2 ug/kg dry	50	"	"	"	"	"	
sec-Butylbenzene	BRL	31.2 ug/kg dry	50	"	"	"	"	"	
tert-Butylbenzene	BRL	31.2 ug/kg dry	50	"	"	"	"	"	
Carbon disulfide	BRL	156 ug/kg dry	50	"	"	"	"	"	
Carbon tetrachloride	BRL	31.2 ug/kg dry	50	"	"	"	"	"	
Chlorobenzene	BRL	31.2 ug/kg dry	50	"	"	"	"	"	
Chloroethane	BRL	62.5 ug/kg dry	50	"	"	"	"	"	
Chloroform	BRL	31.2 ug/kg dry	50	"	"	"	"	"	
Chloromethane	BRL	62.5 ug/kg dry	50	"	"	"	"	"	
2-Chlorotoluene	BRL	31.2 ug/kg dry	50	"	"	"	"	"	
4-Chlorotoluene	BRL	31.2 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	62.5 ug/kg dry	50	"	"	"	"	"	
Dibromochloromethane	BRL	31.2 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	31.2 ug/kg dry	50	"	"	"	"	"	
Dibromomethane	BRL	31.2 ug/kg dry	50	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	31.2 ug/kg dry	50	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	31.2 ug/kg dry	50	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	31.2 ug/kg dry	50	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	62.5 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethane	BRL	31.2 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloroethane	BRL	31.2 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethene	BRL	31.2 ug/kg dry	50	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	31.2 ug/kg dry	50	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	31.2 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloropropane	BRL	31.2 ug/kg dry	50	"	"	"	"	"	
1,3-Dichloropropane	BRL	31.2 ug/kg dry	50	"	"	"	"	"	
2,2-Dichloropropane	BRL	31.2 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloropropene	BRL	31.2 ug/kg dry	50	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	31.2 ug/kg dry	50	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	31.2 ug/kg dry	50	"	"	"	"	"	
Ethylbenzene	BRL	31.2 ug/kg dry	50	"	"	"	"	"	
Hexachlorobutadiene	BRL	31.2 ug/kg dry	50	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-7 (13-14) SA06960-04	0013172	Soil	06-Jan-04 10:45	07-Jan-04

Analyte(s)	*Result*	*RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							
2-Hexanone (MBK)	BRL	312 ug/kg dry	50	"	"	"	"	"	
Isopropylbenzene	BRL	31.2 ug/kg dry	50	"	"	"	"	"	
4-Isopropyltoluene	BRL	31.2 ug/kg dry	50	"	"	"	"	"	
Methyl tert-butyl ether	BRL	31.2 ug/kg dry	50	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	312 ug/kg dry	50	"	"	"	"	"	
Methylene chloride	BRL	312 ug/kg dry	50	"	"	"	"	"	
Naphthalene	BRL	31.2 ug/kg dry	50	"	"	"	"	"	
n-Propylbenzene	BRL	31.2 ug/kg dry	50	"	"	"	"	"	
Styrene	BRL	31.2 ug/kg dry	50	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	31.2 ug/kg dry	50	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	31.2 ug/kg dry	50	"	"	"	"	"	
Tetrachloroethene	BRL	31.2 ug/kg dry	50	"	"	"	"	"	
Toluene	BRL	31.2 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	31.2 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	31.2 ug/kg dry	50	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	31.2 ug/kg dry	50	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	31.2 ug/kg dry	50	"	"	"	"	"	
Trichloroethene	285	31.2 ug/kg dry	50	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	31.2 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	31.2 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	31.2 ug/kg dry	50	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	31.2 ug/kg dry	50	"	"	"	"	"	
Vinyl chloride	BRL	31.2 ug/kg dry	50	"	"	"	"	"	
m,p-Xylene	BRL	62.5 ug/kg dry	50	"	"	"	"	"	
o-Xylene	BRL	31.2 ug/kg dry	50	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*104*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*95.4*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*105*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*103*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-7 (13-14) SA06960-04	0013172	Soil	06-Jan-04 10:45	07-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GC									
Polychlorinated Biphenyls by SW846 8082		Prepared by method SW846 3550B							
PCB 1016	BRL	34.6 ug/kg dry	1	SW846 8082	07-Jan-04	08-Jan-04	4010243	MP	
PCB 1221	BRL	34.6 ug/kg dry	1	"	"	"	"	"	
PCB 1232	BRL	34.6 ug/kg dry	1	"	"	"	"	"	
PCB 1242	BRL	34.6 ug/kg dry	1	"	"	"	"	"	
PCB 1248	BRL	34.6 ug/kg dry	1	"	"	"	"	"	
PCB 1254	BRL	34.6 ug/kg dry	1	"	"	"	"	"	
PCB 1260	BRL	34.6 ug/kg dry	1	"	"	"	"	"	
PCB 1262	BRL	34.6 ug/kg dry	1	"	"	"	"	"	
PCB 1268	BRL	34.6 ug/kg dry	1	"	"	"	"	"	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*84.1*	*40-140 %*		"	"	"	"	"	
Surrogate: Decachlorobiphenyl (Sr)	*86.7*	*40-140 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C		Prepared by method SW846 3550B							
Acenaphthene	BRL	169 ug/kg dry	1	SW846 8270C	07-Jan-04	08-Jan-04	4010242	MB	
Acenaphthylene	BRL	169 ug/kg dry	1	"	"	"	"	"	
Aniline	BRL	169 ug/kg dry	1	"	"	"	"	"	
Anthracene	BRL	169 ug/kg dry	1	"	"	"	"	"	
Azobenzene/Diphenyldiazine	BRL	169 ug/kg dry	1	"	"	"	"	"	
Benzidine	BRL	169 ug/kg dry	1	"	"	"	"	"	
Benzo (a) anthracene	BRL	169 ug/kg dry	1	"	"	"	"	"	
Benzo (a) pyrene	BRL	169 ug/kg dry	1	"	"	"	"	"	
Benzo (b) fluoranthene	BRL	169 ug/kg dry	1	"	"	"	"	"	
Benzo (g,h,i) perylene	BRL	169 ug/kg dry	1	"	"	"	"	"	
Benzo (k) fluoranthene	BRL	169 ug/kg dry	1	"	"	"	"	"	
Benzoic acid	BRL	169 ug/kg dry	1	"	"	"	"	"	
Benzyl alcohol	BRL	169 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroethoxy)methane	BRL	169 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroethyl)ether	BRL	169 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	BRL	169 ug/kg dry	1	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	BRL	169 ug/kg dry	1	"	"	"	"	"	
4-Bromophenyl phenyl ether	BRL	169 ug/kg dry	1	"	"	"	"	"	
Butyl benzyl phthalate	BRL	169 ug/kg dry	1	"	"	"	"	"	
Carbazole	BRL	169 ug/kg dry	1	"	"	"	"	"	
4-Chloro-3-methylphenol	BRL	169 ug/kg dry	1	"	"	"	"	"	
4-Chloroaniline	BRL	169 ug/kg dry	1	"	"	"	"	"	
2-Chloronaphthalene	BRL	169 ug/kg dry	1	"	"	"	"	"	
2-Chlorophenol	BRL	169 ug/kg dry	1	"	"	"	"	"	
4-Chlorophenyl phenyl ether	BRL	169 ug/kg dry	1	"	"	"	"	"	
Chrysene	BRL	169 ug/kg dry	1	"	"	"	"	"	
Dibenzo (a,h) anthracene	BRL	169 ug/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-7 (13-14) SA06960-04	0013172	Soil	06-Jan-04 10:45	07-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3550B									
Dibenzofuran	BRL	169 ug/kg dry	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	169 ug/kg dry	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	169 ug/kg dry	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	169 ug/kg dry	1	"	"	"	"	"	
3,3'-Dichlorobenzidine	BRL	169 ug/kg dry	1	"	"	"	"	"	
2,4-Dichlorophenol	BRL	169 ug/kg dry	1	"	"	"	"	"	
Diethyl phthalate	BRL	169 ug/kg dry	1	"	"	"	"	"	
Dimethyl phthalate	BRL	169 ug/kg dry	1	"	"	"	"	"	
2,4-Dimethylphenol	BRL	169 ug/kg dry	1	"	"	"	"	"	
Di-n-butyl phthalate	BRL	169 ug/kg dry	1	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	BRL	169 ug/kg dry	1	"	"	"	"	"	
2,4-Dinitrophenol	BRL	169 ug/kg dry	1	"	"	"	"	"	
2,4-Dinitrotoluene	BRL	169 ug/kg dry	1	"	"	"	"	"	
2,6-Dinitrotoluene	BRL	169 ug/kg dry	1	"	"	"	"	"	
Di-n-octyl phthalate	BRL	169 ug/kg dry	1	"	"	"	"	"	
Fluoranthene	BRL	169 ug/kg dry	1	"	"	"	"	"	
Fluorene	BRL	169 ug/kg dry	1	"	"	"	"	"	
Hexachlorobenzene	BRL	169 ug/kg dry	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	169 ug/kg dry	1	"	"	"	"	"	
Hexachlorocyclopentadiene	BRL	169 ug/kg dry	1	"	"	"	"	"	
Hexachloroethane	BRL	169 ug/kg dry	1	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	BRL	169 ug/kg dry	1	"	"	"	"	"	
1-Methylnaphthalene	BRL	169 ug/kg dry	1	"	"	"	"	"	
Isophorone	BRL	169 ug/kg dry	1	"	"	"	"	"	
2-Methylnaphthalene	BRL	169 ug/kg dry	1	"	"	"	"	"	
2-Methylphenol	BRL	169 ug/kg dry	1	"	"	"	"	"	
3-Methylphenol	BRL	169 ug/kg dry	1	"	"	"	"	"	
4-Methylphenol	BRL	169 ug/kg dry	1	"	"	"	"	"	
Naphthalene	BRL	169 ug/kg dry	1	"	"	"	"	"	
2-Nitroaniline	BRL	169 ug/kg dry	1	"	"	"	"	"	
3-Nitroaniline	BRL	169 ug/kg dry	1	"	"	"	"	"	
4-Nitroaniline	BRL	169 ug/kg dry	1	"	"	"	"	"	
Nitrobenzene	BRL	169 ug/kg dry	1	"	"	"	"	"	
2-Nitrophenol	BRL	169 ug/kg dry	1	"	"	"	"	"	
4-Nitrophenol	BRL	169 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodimethylamine	BRL	169 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodi-n-propylamine	BRL	169 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodiphenylamine	BRL	169 ug/kg dry	1	"	"	"	"	"	
Pentachlorophenol	BRL	169 ug/kg dry	1	"	"	"	"	"	
Phenanthrene	BRL	169 ug/kg dry	1	"	"	"	"	"	
Phenol	BRL	169 ug/kg dry	1	"	"	"	"	"	
Pyrene	BRL	169 ug/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-7 (13-14) SA06960-04	0013172	Soil	06-Jan-04 10:45	07-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3550B									
Pyridine	BRL	169 ug/kg dry	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	169 ug/kg dry	1	"	"	"	"	"	
2,4,5-Trichlorophenol	BRL	169 ug/kg dry	1	"	"	"	"	"	
2,4,6-Trichlorophenol	BRL	169 ug/kg dry	1	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl	*64.4*	*30-130 %*		"	"	"	"	"	
Surrogate: 2-Fluorophenol	*65.2*	*15-110 %*		"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*51.5*	*30-130 %*		"	"	"	"	"	
Surrogate: Phenol-d5	*60.9*	*15-110 %*		"	"	"	"	"	
Surrogate: Terphenyl-dl4	*76.4*	*30-130 %*		"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol	*121*	*15-110 %*		"	"	"	"	"	S-GC
Total Metals by EPA 6000/7000 Series Methods, Prepared by SW846 3050B									
Mercury	BRL	0.195 mg/kg dry	1	SW846 7471A	07-Jan-04	08-Jan-04	4010278	YP	
Total Metals by EPA 200 Series Methods									
Silver	BRL	2.02 mg/kg dry	1	EPA 200.7	"	08-Jan-04	4010277	RE	
Aluminum	8,050	3.03 mg/kg dry	1	"	"	"	"	"	
Arsenic	BRL	3.03 mg/kg dry	1	"	"	"	"	"	
Barium	58.6	1.01 mg/kg dry	1	"	"	"	"	"	
Beryllium	BRL	0.403 mg/kg dry	1	"	"	"	"	"	
Calcium	85,600	202 mg/kg dry	20	"	"	08-Jan-04	"	"	
Cadmium	0.676	0.504 mg/kg dry	1	"	"	08-Jan-04	"	"	
Cobalt	7.07	1.01 mg/kg dry	1	"	"	"	"	"	
Chromium	11.0	1.01 mg/kg dry	1	"	"	"	"	"	
Copper	16.0	1.01 mg/kg dry	1	"	"	"	"	"	
Iron	20,200	20.2 mg/kg dry	20	"	"	08-Jan-04	"	"	
Potassium	BRL	555 mg/kg dry	1	"	"	08-Jan-04	"	"	
Magnesium	7,030	101 mg/kg dry	20	"	"	08-Jan-04	"	"	
Manganese	500	0.202 mg/kg dry	1	"	"	08-Jan-04	"	"	
Sodium	BRL	883 mg/kg dry	1	"	"	"	"	"	
Nickel	17.5	1.01 mg/kg dry	1	"	"	"	"	"	
Lead	2.96	1.51 mg/kg dry	1	"	"	"	"	"	
Antimony	BRL	3.03 mg/kg dry	1	"	"	"	"	"	
Selenium	BRL	3.03 mg/kg dry	1	"	"	"	"	"	
Thallium	BRL	3.03 mg/kg dry	1	"	"	"	"	"	
Vanadium	8.45	1.01 mg/kg dry	1	"	"	"	"	"	
Zinc	51.2	1.01 mg/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-7 (13-14) SA06960-04	0013172	Soil	06-Jan-04 10:45	07-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
General Chemistry Parameters									
% Solids	91.5	%	1	SM2540 G Mod.	07-Jan-04	08-Jan-04	4010249	lm	
Hexavalent Chromium	BRL	10.8 mg/kg dry	1	SW846 3060A	07-Jan-04	08-Jan-04	4010352	aj	
Cyanide (total)	BRL	1.08 mg/kg dry	1	10-204-00-1-A	08-Jan-04	08-Jan-04	4010351	jak	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-8 (9-11) SA06960-05	0013172	Soil	06-Jan-04 11:12	07-Jan-04

Analyte(s)	*Result*	*RDL/Units	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
VOC Extraction	Field Extracted	N/A	1	VOC	07-Jan-04	07-Jan-04	4010285	lm	
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							
Acetone	BRL	650 ug/kg dry	50	SW 846 8260B	07-Jan-04	07-Jan-04	4010247	tim	
Acrylonitrile	BRL	32.5 ug/kg dry	50	"	"	"	"	"	
Benzene	BRL	32.5 ug/kg dry	50	"	"	"	"	"	
Bromobenzene	BRL	32.5 ug/kg dry	50	"	"	"	"	"	
Bromochloromethane	BRL	32.5 ug/kg dry	50	"	"	"	"	"	
Bromodichloromethane	BRL	32.5 ug/kg dry	50	"	"	"	"	"	
Bromoform	BRL	32.5 ug/kg dry	50	"	"	"	"	"	
Bromomethane	BRL	65.0 ug/kg dry	50	"	"	"	"	"	
2-Butanone (MEK)	BRL	325 ug/kg dry	50	"	"	"	"	"	
n-Butylbenzene	580	32.5 ug/kg dry	50	"	"	"	"	"	
sec-Butylbenzene	314	32.5 ug/kg dry	50	"	"	"	"	"	
tert-Butylbenzene	60.1	32.5 ug/kg dry	50	"	"	"	"	"	
Carbon disulfide	BRL	162 ug/kg dry	50	"	"	"	"	"	
Carbon tetrachloride	BRL	32.5 ug/kg dry	50	"	"	"	"	"	
Chlorobenzene	BRL	32.5 ug/kg dry	50	"	"	"	"	"	
Chloroethane	BRL	65.0 ug/kg dry	50	"	"	"	"	"	
Chloroform	BRL	32.5 ug/kg dry	50	"	"	"	"	"	
Chloromethane	BRL	65.0 ug/kg dry	50	"	"	"	"	"	
2-Chlorotoluene	BRL	32.5 ug/kg dry	50	"	"	"	"	"	
4-Chlorotoluene	BRL	32.5 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	65.0 ug/kg dry	50	"	"	"	"	"	
Dibromochloromethane	BRL	32.5 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	32.5 ug/kg dry	50	"	"	"	"	"	
Dibromomethane	BRL	32.5 ug/kg dry	50	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	32.5 ug/kg dry	50	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	32.5 ug/kg dry	50	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	32.5 ug/kg dry	50	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	65.0 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethane	BRL	32.5 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloroethane	BRL	32.5 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethene	BRL	32.5 ug/kg dry	50	"	"	"	"	"	
cis-1,2-Dichloroethene	34.4	32.5 ug/kg dry	50	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	32.5 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloropropane	BRL	32.5 ug/kg dry	50	"	"	"	"	"	
1,3-Dichloropropane	BRL	32.5 ug/kg dry	50	"	"	"	"	"	
2,2-Dichloropropane	BRL	32.5 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloropropene	BRL	32.5 ug/kg dry	50	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	32.5 ug/kg dry	50	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	32.5 ug/kg dry	50	"	"	"	"	"	
Ethylbenzene	BRL	32.5 ug/kg dry	50	"	"	"	"	"	
Hexachlorobutadiene	BRL	32.5 ug/kg dry	50	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-8 (9-11) SA06960-05	0013172	Soil	06-Jan-04 11:12	07-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							
2-Hexanone (MBK)	BRL	325 ug/kg dry	50	"	"	"	"	"	
Isopropylbenzene	BRL	32.5 ug/kg dry	50	"	"	"	"	"	
4-Isopropyltoluene	93.6	32.5 ug/kg dry	50	"	"	"	"	"	
Methyl tert-butyl ether	BRL	32.5 ug/kg dry	50	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	325 ug/kg dry	50	"	"	"	"	"	
Methylene chloride	BRL	325 ug/kg dry	50	"	"	"	"	"	
Naphthalene	BRL	32.5 ug/kg dry	50	"	"	"	"	"	
n-Propylbenzene	68.9	32.5 ug/kg dry	50	"	"	"	"	"	
Styrene	BRL	32.5 ug/kg dry	50	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	32.5 ug/kg dry	50	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	32.5 ug/kg dry	50	"	"	"	"	"	
Tetrachloroethene	BRL	32.5 ug/kg dry	50	"	"	"	"	"	
Toluene	BRL	32.5 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	32.5 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	32.5 ug/kg dry	50	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	32.5 ug/kg dry	50	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	32.5 ug/kg dry	50	"	"	"	"	"	
Trichloroethene	320	32.5 ug/kg dry	50	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	32.5 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	32.5 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trimethylbenzene	237	32.5 ug/kg dry	50	"	"	"	"	"	
1,3,5-Trimethylbenzene	142	32.5 ug/kg dry	50	"	"	"	"	"	
Vinyl chloride	BRL	32.5 ug/kg dry	50	"	"	"	"	"	
m,p-Xylene	BRL	65.0 ug/kg dry	50	"	"	"	"	"	
o-Xylene	BRL	32.5 ug/kg dry	50	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*105*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*106*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*102*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*102*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-8 (9-11) SA06960-05	0013172	Soil	06-Jan-04 11:12	07-Jan-04

Analyte(s)	*Result*	*RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GC									
Polychlorinated Biphenyls by SW846 8082		Prepared by method SW846 3550B							
PCB 1016	BRL	37.3 ug/kg dry	1	SW846 8082	07-Jan-04	08-Jan-04	4010243	MP	
PCB 1221	BRL	37.3 ug/kg dry	1	"	"	"	"	"	
PCB 1232	BRL	37.3 ug/kg dry	1	"	"	"	"	"	
PCB 1242	BRL	37.3 ug/kg dry	1	"	"	"	"	"	
PCB 1248	BRL	37.3 ug/kg dry	1	"	"	"	"	"	
PCB 1254	235	37.3 ug/kg dry	1	"	"	"	"	"	
PCB 1260	BRL	37.3 ug/kg dry	1	"	"	"	"	"	
PCB 1262	BRL	37.3 ug/kg dry	1	"	"	"	"	"	
PCB 1268	BRL	37.3 ug/kg dry	1	"	"	"	"	"	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*91.2*	*40-140 %*		"	"	"	"	"	
Surrogate: Decachlorobiphenyl (Sr)	*82.6*	*40-140 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C		Prepared by method SW846 3550B							
Acenaphthene	BRL	163 ug/kg dry	1	SW846 8270C	07-Jan-04	08-Jan-04	4010242	MB	
Acenaphthylene	BRL	163 ug/kg dry	1	"	"	"	"	"	
Aniline	BRL	163 ug/kg dry	1	"	"	"	"	"	
Anthracene	BRL	163 ug/kg dry	1	"	"	"	"	"	
Azobenzene/Diphenyldiazine	BRL	163 ug/kg dry	1	"	"	"	"	"	
Benzidine	BRL	163 ug/kg dry	1	"	"	"	"	"	
Benzo (a) anthracene	BRL	163 ug/kg dry	1	"	"	"	"	"	
Benzo (a) pyrene	BRL	163 ug/kg dry	1	"	"	"	"	"	
Benzo (b) fluoranthene	BRL	163 ug/kg dry	1	"	"	"	"	"	
Benzo (g,h,i) perylene	BRL	163 ug/kg dry	1	"	"	"	"	"	
Benzo (k) fluoranthene	BRL	163 ug/kg dry	1	"	"	"	"	"	
Benzoic acid	BRL	163 ug/kg dry	1	"	"	"	"	"	
Benzyl alcohol	BRL	163 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroethoxy)methane	BRL	163 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroethyl)ether	BRL	163 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	BRL	163 ug/kg dry	1	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	BRL	163 ug/kg dry	1	"	"	"	"	"	
4-Bromophenyl phenyl ether	BRL	163 ug/kg dry	1	"	"	"	"	"	
Butyl benzyl phthalate	BRL	163 ug/kg dry	1	"	"	"	"	"	
Carbazole	BRL	163 ug/kg dry	1	"	"	"	"	"	
4-Chloro-3-methylphenol	BRL	163 ug/kg dry	1	"	"	"	"	"	
4-Chloroaniline	BRL	163 ug/kg dry	1	"	"	"	"	"	
2-Chloronaphthalene	BRL	163 ug/kg dry	1	"	"	"	"	"	
2-Chlorophenol	BRL	163 ug/kg dry	1	"	"	"	"	"	
4-Chlorophenyl phenyl ether	BRL	163 ug/kg dry	1	"	"	"	"	"	
Chrysene	BRL	163 ug/kg dry	1	"	"	"	"	"	
Dibenzo (a,h) anthracene	BRL	163 ug/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-8 (9-11) SA06960-05	0013172	Soil	06-Jan-04 11:12	07-Jan-04

Analyte(s)	*Result*	*RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3550B									
Dibenzofuran	BRL	163 ug/kg dry	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	163 ug/kg dry	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	163 ug/kg dry	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	163 ug/kg dry	1	"	"	"	"	"	
3,3'-Dichlorobenzidine	BRL	163 ug/kg dry	1	"	"	"	"	"	
2,4-Dichlorophenol	BRL	163 ug/kg dry	1	"	"	"	"	"	
Diethyl phthalate	BRL	163 ug/kg dry	1	"	"	"	"	"	
Dimethyl phthalate	BRL	163 ug/kg dry	1	"	"	"	"	"	
2,4-Dimethylphenol	BRL	163 ug/kg dry	1	"	"	"	"	"	
Di-n-butyl phthalate	BRL	163 ug/kg dry	1	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	BRL	163 ug/kg dry	1	"	"	"	"	"	
2,4-Dinitrophenol	BRL	163 ug/kg dry	1	"	"	"	"	"	
2,4-Dinitrotoluene	BRL	163 ug/kg dry	1	"	"	"	"	"	
2,6-Dinitrotoluene	BRL	163 ug/kg dry	1	"	"	"	"	"	
Di-n-octyl phthalate	BRL	163 ug/kg dry	1	"	"	"	"	"	
Fluoranthene	BRL	163 ug/kg dry	1	"	"	"	"	"	
Fluorene	BRL	163 ug/kg dry	1	"	"	"	"	"	
Hexachlorobenzene	BRL	163 ug/kg dry	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	163 ug/kg dry	1	"	"	"	"	"	
Hexachlorocyclopentadiene	BRL	163 ug/kg dry	1	"	"	"	"	"	
Hexachloroethane	BRL	163 ug/kg dry	1	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	BRL	163 ug/kg dry	1	"	"	"	"	"	
1-Methylnaphthalene	BRL	163 ug/kg dry	1	"	"	"	"	"	
Isophorone	BRL	163 ug/kg dry	1	"	"	"	"	"	
2-Methylnaphthalene	BRL	163 ug/kg dry	1	"	"	"	"	"	
2-Methylphenol	BRL	163 ug/kg dry	1	"	"	"	"	"	
3-Methylphenol	BRL	163 ug/kg dry	1	"	"	"	"	"	
4-Methylphenol	BRL	163 ug/kg dry	1	"	"	"	"	"	
Naphthalene	BRL	163 ug/kg dry	1	"	"	"	"	"	
2-Nitroaniline	BRL	163 ug/kg dry	1	"	"	"	"	"	
3-Nitroaniline	BRL	163 ug/kg dry	1	"	"	"	"	"	
4-Nitroaniline	BRL	163 ug/kg dry	1	"	"	"	"	"	
Nitrobenzene	BRL	163 ug/kg dry	1	"	"	"	"	"	
2-Nitrophenol	BRL	163 ug/kg dry	1	"	"	"	"	"	
4-Nitrophenol	BRL	163 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodimethylamine	BRL	163 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodi-n-propylamine	BRL	163 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodiphenylamine	BRL	163 ug/kg dry	1	"	"	"	"	"	
Pentachlorophenol	BRL	163 ug/kg dry	1	"	"	"	"	"	
Phenanthrene	BRL	163 ug/kg dry	1	"	"	"	"	"	
Phenol	BRL	163 ug/kg dry	1	"	"	"	"	"	
Pyrene	BRL	163 ug/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-8 (9-11) SA06960-05	0013172	Soil	06-Jan-04 11:12	07-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3550B									
Pyridine	BRL	163 ug/kg dry	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	163 ug/kg dry	1	"	"	"	"	"	
2,4,5-Trichlorophenol	BRL	163 ug/kg dry	1	"	"	"	"	"	
2,4,6-Trichlorophenol	BRL	163 ug/kg dry	1	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl	*68.3*	*30-130 %*		"	"	"	"	"	
Surrogate: 2-Fluorophenol	*79.1*	*15-110 %*		"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*59.2*	*30-130 %*		"	"	"	"	"	
Surrogate: Phenol-d5	*69.0*	*15-110 %*		"	"	"	"	"	
Surrogate: Terphenyl-dl4	*84.8*	*30-130 %*		"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol	*137*	*15-110 %*		"	"	"	"	"	S-GC
Total Metals by EPA 6000/7000 Series Methods, Prepared by SW846 3050B									
Mercury	BRL	0.178 mg/kg dry	1	SW846 7471A	07-Jan-04	08-Jan-04	4010278	YP	
Total Metals by EPA 200 Series Methods									
Silver	BRL	2.05 mg/kg dry	1	EPA 200.7	"	08-Jan-04	4010277	RE	
Aluminum	11,400	61.5 mg/kg dry	20	"	"	08-Jan-04	"	"	
Arsenic	BRL	3.08 mg/kg dry	1	"	"	08-Jan-04	"	"	
Barium	49.4	1.03 mg/kg dry	1	"	"	"	"	"	
Beryllium	BRL	0.410 mg/kg dry	1	"	"	"	"	"	
Calcium	9,870	10.3 mg/kg dry	1	"	"	"	"	"	
Cadmium	0.841	0.513 mg/kg dry	1	"	"	"	"	"	
Cobalt	10.1	1.03 mg/kg dry	1	"	"	"	"	"	
Chromium	61.9	1.03 mg/kg dry	1	"	"	"	"	"	
Copper	18.3	1.03 mg/kg dry	1	"	"	"	"	"	
Iron	23,000	20.5 mg/kg dry	20	"	"	08-Jan-04	"	"	
Potassium	BRL	564 mg/kg dry	1	"	"	08-Jan-04	"	"	
Magnesium	4,490	5.13 mg/kg dry	1	"	"	"	"	"	
Manganese	435	0.205 mg/kg dry	1	"	"	"	"	"	
Sodium	BRL	897 mg/kg dry	1	"	"	"	"	"	
Nickel	26.4	1.03 mg/kg dry	1	"	"	"	"	"	
Lead	5.58	1.54 mg/kg dry	1	"	"	"	"	"	
Antimony	BRL	3.08 mg/kg dry	1	"	"	"	"	"	
Selenium	BRL	3.08 mg/kg dry	1	"	"	"	"	"	
Thallium	BRL	3.08 mg/kg dry	1	"	"	"	"	"	
Vanadium	11.7	1.03 mg/kg dry	1	"	"	"	"	"	
Zinc	549	1.03 mg/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-8 (9-11) SA06960-05	0013172	Soil	06-Jan-04 11:12	07-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
General Chemistry Parameters									
% Solids	88.9	%	1	SM2540 G Mod.	07-Jan-04	08-Jan-04	4010249	lm	
Hexavalent Chromium	11.5	10.9 mg/kg dry	1	SW846 3060A	07-Jan-04	08-Jan-04	4010352	aj	
Cyanide (total)	27.5	1.09 mg/kg dry	1	10-204-00-1-A	08-Jan-04	08-Jan-04	4010351	jak	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-9 (11-12.5) SA06960-06	0013172	Soil	06-Jan-04 11:48	07-Jan-04

Analyte(s)	*Result*	*RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
VOC Extraction	Field Extracted	N/A	1	VOC	07-Jan-04	07-Jan-04	4010285	tm	
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							
Acetone	BRL	638 ug/kg dry	50	SW 846 8260B	07-Jan-04	07-Jan-04	4010247	tm	
Acrylonitrile	BRL	31.9 ug/kg dry	50	"	"	"	"	"	
Benzene	BRL	31.9 ug/kg dry	50	"	"	"	"	"	
Bromobenzene	BRL	31.9 ug/kg dry	50	"	"	"	"	"	
Bromochloromethane	BRL	31.9 ug/kg dry	50	"	"	"	"	"	
Bromodichloromethane	BRL	31.9 ug/kg dry	50	"	"	"	"	"	
Bromoform	BRL	31.9 ug/kg dry	50	"	"	"	"	"	
Bromomethane	BRL	63.8 ug/kg dry	50	"	"	"	"	"	
2-Butanone (MEK)	BRL	319 ug/kg dry	50	"	"	"	"	"	
n-Butylbenzene	146	31.9 ug/kg dry	50	"	"	"	"	"	
sec-Butylbenzene	86.1	31.9 ug/kg dry	50	"	"	"	"	"	
tert-Butylbenzene	BRL	31.9 ug/kg dry	50	"	"	"	"	"	
Carbon disulfide	BRL	159 ug/kg dry	50	"	"	"	"	"	
Carbon tetrachloride	BRL	31.9 ug/kg dry	50	"	"	"	"	"	
Chlorobenzene	BRL	31.9 ug/kg dry	50	"	"	"	"	"	
Chloroethane	BRL	63.8 ug/kg dry	50	"	"	"	"	"	
Chloroform	BRL	31.9 ug/kg dry	50	"	"	"	"	"	
Chloromethane	BRL	63.8 ug/kg dry	50	"	"	"	"	"	
2-Chlorotoluene	BRL	31.9 ug/kg dry	50	"	"	"	"	"	
4-Chlorotoluene	BRL	31.9 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	63.8 ug/kg dry	50	"	"	"	"	"	
Dibromochloromethane	BRL	31.9 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	31.9 ug/kg dry	50	"	"	"	"	"	
Dibromomethane	BRL	31.9 ug/kg dry	50	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	31.9 ug/kg dry	50	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	31.9 ug/kg dry	50	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	31.9 ug/kg dry	50	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	63.8 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethane	BRL	31.9 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloroethane	BRL	31.9 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethene	BRL	31.9 ug/kg dry	50	"	"	"	"	"	
cis-1,2-Dichloroethene	238	31.9 ug/kg dry	50	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	31.9 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloropropane	BRL	31.9 ug/kg dry	50	"	"	"	"	"	
1,3-Dichloropropane	BRL	31.9 ug/kg dry	50	"	"	"	"	"	
2,2-Dichloropropane	BRL	31.9 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloropropene	BRL	31.9 ug/kg dry	50	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	31.9 ug/kg dry	50	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	31.9 ug/kg dry	50	"	"	"	"	"	
Ethylbenzene	31.9	31.9 ug/kg dry	50	"	"	"	"	"	
Hexachlorobutadiene	BRL	31.9 ug/kg dry	50	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-9 (11-12.5) SA06960-06	0013172	Soil	06-Jan-04 11:48	07-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							
2-Hexanone (MBK)	BRL	319 ug/kg dry	50	"	"	"	"	"	
Isopropylbenzene	BRL	31.9 ug/kg dry	50	"	"	"	"	"	
4-Isopropyltoluene	BRL	31.9 ug/kg dry	50	"	"	"	"	"	
Methyl tert-butyl ether	BRL	31.9 ug/kg dry	50	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	319 ug/kg dry	50	"	"	"	"	"	
Methylene chloride	BRL	319 ug/kg dry	50	"	"	"	"	"	
Naphthalene	47.2	31.9 ug/kg dry	50	"	"	"	"	"	
n-Propylbenzene	47.8	31.9 ug/kg dry	50	"	"	"	"	"	
Styrene	BRL	31.9 ug/kg dry	50	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	31.9 ug/kg dry	50	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	31.9 ug/kg dry	50	"	"	"	"	"	
Tetrachloroethene	BRL	31.9 ug/kg dry	50	"	"	"	"	"	
Toluene	BRL	31.9 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	31.9 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	31.9 ug/kg dry	50	"	"	"	"	"	
1,1,1-Trichloroethane	35.1	31.9 ug/kg dry	50	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	31.9 ug/kg dry	50	"	"	"	"	"	
Trichloroethene	1,650	31.9 ug/kg dry	50	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	31.9 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	31.9 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trimethylbenzene	217	31.9 ug/kg dry	50	"	"	"	"	"	
1,3,5-Trimethylbenzene	77.1	31.9 ug/kg dry	50	"	"	"	"	"	
Vinyl chloride	172	31.9 ug/kg dry	50	"	"	"	"	"	
m,p-Xylene	105	63.8 ug/kg dry	50	"	"	"	"	"	
o-Xylene	64.4	31.9 ug/kg dry	50	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*109*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*97.0*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*106*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*101*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-9 (11-12.5) SA06960-06	0013172	Soil	06-Jan-04 11:48	07-Jan-04

Analyte(s)	*Result*	*RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GC									
Polychlorinated Biphenyls by SW846 8082		Prepared by method SW846 3550B							
PCB 1016	BRL	37.1 ug/kg dry	1	SW846 8082	07-Jan-04	08-Jan-04	4010243	MP	
PCB 1221	BRL	37.1 ug/kg dry	1	"	"	"	"	"	
PCB 1232	BRL	37.1 ug/kg dry	1	"	"	"	"	"	
PCB 1242	BRL	37.1 ug/kg dry	1	"	"	"	"	"	
PCB 1248	BRL	37.1 ug/kg dry	1	"	"	"	"	"	
PCB 1254	150	37.1 ug/kg dry	1	"	"	"	"	"	
PCB 1260	BRL	37.1 ug/kg dry	1	"	"	"	"	"	
PCB 1262	BRL	37.1 ug/kg dry	1	"	"	"	"	"	
PCB 1268	BRL	37.1 ug/kg dry	1	"	"	"	"	"	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*98.4*	*40-140 %*		"	"	"	"	"	
Surrogate: Decachlorobiphenyl (Sr)	*83.0*	*40-140 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C		Prepared by method SW846 3550B							
Acenaphthene	BRL	176 ug/kg dry	1	SW846 8270C	07-Jan-04	08-Jan-04	4010242	M.B	
Acenaphthylene	BRL	176 ug/kg dry	1	"	"	"	"	"	
Aniline	BRL	176 ug/kg dry	1	"	"	"	"	"	
Anthracene	BRL	176 ug/kg dry	1	"	"	"	"	"	
Azobenzene/Diphenyldiazine	BRL	176 ug/kg dry	1	"	"	"	"	"	
Benzidine	BRL	176 ug/kg dry	1	"	"	"	"	"	
Benzo (a) anthracene	BRL	176 ug/kg dry	1	"	"	"	"	"	
Benzo (a) pyrene	BRL	176 ug/kg dry	1	"	"	"	"	"	
Benzo (b) fluoranthene	BRL	176 ug/kg dry	1	"	"	"	"	"	
Benzo (g,h,i) perylene	BRL	176 ug/kg dry	1	"	"	"	"	"	
Benzo (k) fluoranthene	BRL	176 ug/kg dry	1	"	"	"	"	"	
Benzoic acid	BRL	176 ug/kg dry	1	"	"	"	"	"	
Benzyl alcohol	BRL	176 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroethoxy)methane	BRL	176 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroethyl)ether	BRL	176 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	BRL	176 ug/kg dry	1	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	BRL	176 ug/kg dry	1	"	"	"	"	"	
4-Bromophenyl phenyl ether	BRL	176 ug/kg dry	1	"	"	"	"	"	
Butyl benzyl phthalate	BRL	176 ug/kg dry	1	"	"	"	"	"	
Carbazole	BRL	176 ug/kg dry	1	"	"	"	"	"	
4-Chloro-3-methylphenol	BRL	176 ug/kg dry	1	"	"	"	"	"	
4-Chloroaniline	BRL	176 ug/kg dry	1	"	"	"	"	"	
2-Chloronaphthalene	BRL	176 ug/kg dry	1	"	"	"	"	"	
2-Chlorophenol	BRL	176 ug/kg dry	1	"	"	"	"	"	
4-Chlorophenyl phenyl ether	BRL	176 ug/kg dry	1	"	"	"	"	"	
Chrysene	BRL	176 ug/kg dry	1	"	"	"	"	"	
Dibenzo (a,h) anthracene	BRL	176 ug/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-9 (11-12.5) SA06960-06	0013172	Soil	06-Jan-04 11:48	07-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3550B									
Dibenzofuran	BRL	176 ug/kg dry	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	176 ug/kg dry	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	176 ug/kg dry	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	176 ug/kg dry	1	"	"	"	"	"	
3,3'-Dichlorobenzidine	BRL	176 ug/kg dry	1	"	"	"	"	"	
2,4-Dichlorophenol	BRL	176 ug/kg dry	1	"	"	"	"	"	
Diethyl phthalate	BRL	176 ug/kg dry	1	"	"	"	"	"	
Dimethyl phthalate	BRL	176 ug/kg dry	1	"	"	"	"	"	
2,4-Dimethylphenol	BRL	176 ug/kg dry	1	"	"	"	"	"	
Di-n-butyl phthalate	BRL	176 ug/kg dry	1	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	BRL	176 ug/kg dry	1	"	"	"	"	"	
2,4-Dinitrophenol	BRL	176 ug/kg dry	1	"	"	"	"	"	
2,4-Dinitrotoluene	BRL	176 ug/kg dry	1	"	"	"	"	"	
2,6-Dinitrotoluene	BRL	176 ug/kg dry	1	"	"	"	"	"	
Di-n-octyl phthalate	BRL	176 ug/kg dry	1	"	"	"	"	"	
Fluoranthene	BRL	176 ug/kg dry	1	"	"	"	"	"	
Fluorene	BRL	176 ug/kg dry	1	"	"	"	"	"	
Hexachlorobenzene	BRL	176 ug/kg dry	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	176 ug/kg dry	1	"	"	"	"	"	
Hexachlorocyclopentadiene	BRL	176 ug/kg dry	1	"	"	"	"	"	
Hexachloroethane	BRL	176 ug/kg dry	1	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	BRL	176 ug/kg dry	1	"	"	"	"	"	
1-Methylnaphthalene	BRL	176 ug/kg dry	1	"	"	"	"	"	
Isophorone	BRL	176 ug/kg dry	1	"	"	"	"	"	
2-Methylnaphthalene	BRL	176 ug/kg dry	1	"	"	"	"	"	
2-Methylphenol	BRL	176 ug/kg dry	1	"	"	"	"	"	
3-Methylphenol	BRL	176 ug/kg dry	1	"	"	"	"	"	
4-Methylphenol	BRL	176 ug/kg dry	1	"	"	"	"	"	
Naphthalene	BRL	176 ug/kg dry	1	"	"	"	"	"	
2-Nitroaniline	BRL	176 ug/kg dry	1	"	"	"	"	"	
3-Nitroaniline	BRL	176 ug/kg dry	1	"	"	"	"	"	
4-Nitroaniline	BRL	176 ug/kg dry	1	"	"	"	"	"	
Nitrobenzene	BRL	176 ug/kg dry	1	"	"	"	"	"	
2-Nitrophenol	BRL	176 ug/kg dry	1	"	"	"	"	"	
4-Nitrophenol	BRL	176 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodimethylamine	BRL	176 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodi-n-propylamine	BRL	176 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodiphenylamine	BRL	176 ug/kg dry	1	"	"	"	"	"	
Pentachlorophenol	BRL	176 ug/kg dry	1	"	"	"	"	"	
Phenanthrene	BRL	176 ug/kg dry	1	"	"	"	"	"	
Phenol	BRL	176 ug/kg dry	1	"	"	"	"	"	
Pyrene	BRL	176 ug/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-9 (11-12.5) SA06960-06	0013172	Soil	06-Jan-04 11:48	07-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3550B									
Pyridine	BRL	176 ug/kg dry	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	176 ug/kg dry	1	"	"	"	"	"	
2,4,5-Trichlorophenol	BRL	176 ug/kg dry	1	"	"	"	"	"	
2,4,6-Trichlorophenol	BRL	176 ug/kg dry	1	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl	*63.3*	*30-130 %*		"	"	"	"	"	
Surrogate: 2-Fluorophenol	*73.3*	*15-110 %*		"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*56.0*	*30-130 %*		"	"	"	"	"	
Surrogate: Phenol-d5	*64.4*	*15-110 %*		"	"	"	"	"	
Surrogate: Terphenyl-d14	*78.6*	*30-130 %*		"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol	*130*	*15-110 %*		"	"	"	"	"	S-GC
Total Metals by EPA 6000/7000 Series Methods, Prepared by SW846 3050B									
Mercury	BRL	0.191 mg/kg dry	1	SW846 7471A	07-Jan-04	08-Jan-04	4010278	YP	
Total Metals by EPA 200 Series Methods									
Silver	BRL	2.23 mg/kg dry	1	EPA 200.7	"	08-Jan-04	4010277	RE	
Aluminum	9,930	3.35 mg/kg dry	1	"	"	"	"	"	
Arsenic	BRL	3.35 mg/kg dry	1	"	"	"	"	"	
Barium	49.5	1.12 mg/kg dry	1	"	"	"	"	"	
Beryllium	BRL	0.446 mg/kg dry	1	"	"	"	"	"	
Calcium	21,400	223 mg/kg dry	20	"	"	08-Jan-04	"	"	
Cadmium	1.15	0.558 mg/kg dry	1	"	"	08-Jan-04	"	"	
Cobalt	8.65	1.12 mg/kg dry	1	"	"	"	"	"	
Chromium	74.1	1.12 mg/kg dry	1	"	"	"	"	"	
Copper	22.4	1.12 mg/kg dry	1	"	"	"	"	"	
Iron	24,900	22.3 mg/kg dry	20	"	"	08-Jan-04	"	"	
Potassium	BRL	614 mg/kg dry	1	"	"	08-Jan-04	"	"	
Magnesium	5,420	5.58 mg/kg dry	1	"	"	"	"	"	
Manganese	551	0.223 mg/kg dry	1	"	"	"	"	"	
Sodium	BRL	976 mg/kg dry	1	"	"	"	"	"	
Nickel	32.3	1.12 mg/kg dry	1	"	"	"	"	"	
Lead	7.66	1.67 mg/kg dry	1	"	"	"	"	"	
Antimony	BRL	3.35 mg/kg dry	1	"	"	"	"	"	
Selenium	BRL	3.35 mg/kg dry	1	"	"	"	"	"	
Thallium	BRL	3.35 mg/kg dry	1	"	"	"	"	"	
Vanadium	9.45	1.12 mg/kg dry	1	"	"	"	"	"	
Zinc	585	1.12 mg/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-9 (11-12.5) SA06960-06	0013172	Soil	06-Jan-04 11:48	07-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
General Chemistry Parameters									
% Solids	88.5	%	1	SM2540 G Mod.	07-Jan-04	08-Jan-04	4010249	ln	
Hexavalent Chromium	BRL	11.5 mg/kg dry	1	SW846 3060A	07-Jan-04	08-Jan-04	4010352	aj	
Cyanide (total)	18.1	1.07 mg/kg dry	1	10-204-00-1-A	08-Jan-04	08-Jan-04	4010351	jak	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-10 (9-11) SA06960-07	0013172	Soil	06-Jan-04 13:22	07-Jan-04

Analyte(s)	*Result*	*RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
VOC Extraction	Field Extracted	N/A	1	VOC	07-Jan-04	07-Jan-04	4010285	lm	
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							
Acetone	BRL	668 ug/kg dry	50	SW 846 8260B	07-Jan-04	07-Jan-04	4010247	tim	
Acrylonitrile	BRL	33.4 ug/kg dry	50	"	"	"	"	"	
Benzene	BRL	33.4 ug/kg dry	50	"	"	"	"	"	
Bromobenzene	BRL	33.4 ug/kg dry	50	"	"	"	"	"	
Bromochloromethane	BRL	33.4 ug/kg dry	50	"	"	"	"	"	
Bromodichloromethane	BRL	33.4 ug/kg dry	50	"	"	"	"	"	
Bromoform	BRL	33.4 ug/kg dry	50	"	"	"	"	"	
Bromomethane	BRL	66.8 ug/kg dry	50	"	"	"	"	"	
2-Butanone (MEK)	BRL	334 ug/kg dry	50	"	"	"	"	"	
n-Butylbenzene	97.6	33.4 ug/kg dry	50	"	"	"	"	"	
sec-Butylbenzene	34.7	33.4 ug/kg dry	50	"	"	"	"	"	
tert-Butylbenzene	BRL	33.4 ug/kg dry	50	"	"	"	"	"	
Carbon disulfide	BRL	167 ug/kg dry	50	"	"	"	"	"	
Carbon tetrachloride	BRL	33.4 ug/kg dry	50	"	"	"	"	"	
Chlorobenzene	BRL	33.4 ug/kg dry	50	"	"	"	"	"	
Chloroethane	BRL	66.8 ug/kg dry	50	"	"	"	"	"	
Chloroform	BRL	33.4 ug/kg dry	50	"	"	"	"	"	
Chloromethane	BRL	66.8 ug/kg dry	50	"	"	"	"	"	
2-Chlorotoluene	BRL	33.4 ug/kg dry	50	"	"	"	"	"	
4-Chlorotoluene	BRL	33.4 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	66.8 ug/kg dry	50	"	"	"	"	"	
Dibromochloromethane	BRL	33.4 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	33.4 ug/kg dry	50	"	"	"	"	"	
Dibromomethane	BRL	33.4 ug/kg dry	50	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	33.4 ug/kg dry	50	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	33.4 ug/kg dry	50	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	33.4 ug/kg dry	50	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	66.8 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethane	BRL	33.4 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloroethane	BRL	33.4 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethene	BRL	33.4 ug/kg dry	50	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	33.4 ug/kg dry	50	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	33.4 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloropropane	BRL	33.4 ug/kg dry	50	"	"	"	"	"	
1,3-Dichloropropane	BRL	33.4 ug/kg dry	50	"	"	"	"	"	
2,2-Dichloropropane	BRL	33.4 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloropropene	BRL	33.4 ug/kg dry	50	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	33.4 ug/kg dry	50	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	33.4 ug/kg dry	50	"	"	"	"	"	
Ethylbenzene	BRL	33.4 ug/kg dry	50	"	"	"	"	"	
Hexachlorobutadiene	BRL	33.4 ug/kg dry	50	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-10 (9-11) SA06960-07	0013172	Soil	06-Jan-04 13:22	07-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							
2-Hexanone (MBK)	BRL	334 ug/kg dry	50	"	"	"	"	"	
Isopropylbenzene	58.8	33.4 ug/kg dry	50	"	"	"	"	"	
4-Isopropyltoluene	BRL	33.4 ug/kg dry	50	"	"	"	"	"	
Methyl tert-butyl ether	BRL	33.4 ug/kg dry	50	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	334 ug/kg dry	50	"	"	"	"	"	
Methylene chloride	BRL	334 ug/kg dry	50	"	"	"	"	"	
Naphthalene	110	33.4 ug/kg dry	50	"	"	"	"	"	
n-Propylbenzene	88.9	33.4 ug/kg dry	50	"	"	"	"	"	
Styrene	BRL	33.4 ug/kg dry	50	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	33.4 ug/kg dry	50	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	33.4 ug/kg dry	50	"	"	"	"	"	
Tetrachloroethene	BRL	33.4 ug/kg dry	50	"	"	"	"	"	
Toluene	BRL	33.4 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	33.4 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	33.4 ug/kg dry	50	"	"	"	"	"	
1,1,1-Trichloroethane	47.4	33.4 ug/kg dry	50	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	33.4 ug/kg dry	50	"	"	"	"	"	
Trichloroethene	1,020	33.4 ug/kg dry	50	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	33.4 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	33.4 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trimethylbenzene	332	33.4 ug/kg dry	50	"	"	"	"	"	
1,3,5-Trimethylbenzene	112	33.4 ug/kg dry	50	"	"	"	"	"	
Vinyl chloride	BRL	33.4 ug/kg dry	50	"	"	"	"	"	
m,p-Xylene	BRL	66.8 ug/kg dry	50	"	"	"	"	"	
o-Xylene	36.1	33.4 ug/kg dry	50	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*108*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*99.6*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*103*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*98.8*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-10 (9-11) SA06960-07	0013172	Soil	06-Jan-04 13:22	07-Jan-04

Analyte(s)	*Result*	*RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GC									
Polychlorinated Biphenyls by SW846 8082		Prepared by method SW846 3550B							
PCB 1016	BRL	37.7 ug/kg dry	1	SW846 8082	07-Jan-04	08-Jan-04	4010243	MP	
PCB 1221	BRL	37.7 ug/kg dry	1	"	"	"	"	"	
PCB 1232	BRL	37.7 ug/kg dry	1	"	"	"	"	"	
PCB 1242	BRL	37.7 ug/kg dry	1	"	"	"	"	"	
PCB 1248	BRL	37.7 ug/kg dry	1	"	"	"	"	"	
PCB 1254	93.9	37.7 ug/kg dry	1	"	"	"	"	"	
PCB 1260	BRL	37.7 ug/kg dry	1	"	"	"	"	"	
PCB 1262	BRL	37.7 ug/kg dry	1	"	"	"	"	"	
PCB 1268	BRL	37.7 ug/kg dry	1	"	"	"	"	"	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*100*	*40-140 %*		"	"	"	"	"	
Surrogate: Decachlorobiphenyl (Sr)	*91.2*	*40-140 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C		Prepared by method SW846 3550B							
Acenaphthene	BRL	179 ug/kg dry	1	SW846 8270C	07-Jan-04	08-Jan-04	4010242	M.B	
Acenaphthylene	BRL	179 ug/kg dry	1	"	"	"	"	"	
Aniline	BRL	179 ug/kg dry	1	"	"	"	"	"	
Anthracene	BRL	179 ug/kg dry	1	"	"	"	"	"	
Azobenzene/Diphenyldiazine	BRL	179 ug/kg dry	1	"	"	"	"	"	
Benzidine	BRL	179 ug/kg dry	1	"	"	"	"	"	
Benzo (a) anthracene	BRL	179 ug/kg dry	1	"	"	"	"	"	
Benzo (a) pyrene	BRL	179 ug/kg dry	1	"	"	"	"	"	
Benzo (b) fluoranthene	BRL	179 ug/kg dry	1	"	"	"	"	"	
Benzo (g,h,i) perylene	BRL	179 ug/kg dry	1	"	"	"	"	"	
Benzo (k) fluoranthene	BRL	179 ug/kg dry	1	"	"	"	"	"	
Benzoic acid	BRL	179 ug/kg dry	1	"	"	"	"	"	
Benzyl alcohol	BRL	179 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroethoxy)methane	BRL	179 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroethyl)ether	BRL	179 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	BRL	179 ug/kg dry	1	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	BRL	179 ug/kg dry	1	"	"	"	"	"	
4-Bromophenyl phenyl ether	BRL	179 ug/kg dry	1	"	"	"	"	"	
Butyl benzyl phthalate	BRL	179 ug/kg dry	1	"	"	"	"	"	
Carbazole	BRL	179 ug/kg dry	1	"	"	"	"	"	
4-Chloro-3-methylphenol	BRL	179 ug/kg dry	1	"	"	"	"	"	
4-Chloroaniline	BRL	179 ug/kg dry	1	"	"	"	"	"	
2-Chloronaphthalene	BRL	179 ug/kg dry	1	"	"	"	"	"	
2-Chlorophenol	BRL	179 ug/kg dry	1	"	"	"	"	"	
4-Chlorophenyl phenyl ether	BRL	179 ug/kg dry	1	"	"	"	"	"	
Chrysene	BRL	179 ug/kg dry	1	"	"	"	"	"	
Dibenzo (a,h) anthracene	BRL	179 ug/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-10 (9-11) SA06960-07	0013172	Soil	06-Jan-04 13:22	07-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3550B									
Dibenzofuran	BRL	179 ug/kg dry	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	179 ug/kg dry	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	179 ug/kg dry	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	179 ug/kg dry	1	"	"	"	"	"	
3,3'-Dichlorobenzidine	BRL	179 ug/kg dry	1	"	"	"	"	"	
2,4-Dichlorophenol	BRL	179 ug/kg dry	1	"	"	"	"	"	
Diethyl phthalate	BRL	179 ug/kg dry	1	"	"	"	"	"	
Dimethyl phthalate	BRL	179 ug/kg dry	1	"	"	"	"	"	
2,4-Dimethylphenol	BRL	179 ug/kg dry	1	"	"	"	"	"	
Di-n-butyl phthalate	BRL	179 ug/kg dry	1	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	BRL	179 ug/kg dry	1	"	"	"	"	"	
2,4-Dinitrophenol	BRL	179 ug/kg dry	1	"	"	"	"	"	
2,4-Dinitrotoluene	BRL	179 ug/kg dry	1	"	"	"	"	"	
2,6-Dinitrotoluene	BRL	179 ug/kg dry	1	"	"	"	"	"	
Di-n-octyl phthalate	BRL	179 ug/kg dry	1	"	"	"	"	"	
Fluoranthene	BRL	179 ug/kg dry	1	"	"	"	"	"	
Fluorene	BRL	179 ug/kg dry	1	"	"	"	"	"	
Hexachlorobenzene	BRL	179 ug/kg dry	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	179 ug/kg dry	1	"	"	"	"	"	
Hexachlorocyclopentadiene	BRL	179 ug/kg dry	1	"	"	"	"	"	
Hexachloroethane	BRL	179 ug/kg dry	1	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	BRL	179 ug/kg dry	1	"	"	"	"	"	
1-Methylnaphthalene	BRL	178 ug/kg dry	1	"	"	"	"	"	
Isophorone	BRL	179 ug/kg dry	1	"	"	"	"	"	
2-Methylnaphthalene	BRL	179 ug/kg dry	1	"	"	"	"	"	
2-Methylphenol	BRL	179 ug/kg dry	1	"	"	"	"	"	
3-Methylphenol	BRL	179 ug/kg dry	1	"	"	"	"	"	
4-Methylphenol	BRL	179 ug/kg dry	1	"	"	"	"	"	
Naphthalene	BRL	179 ug/kg dry	1	"	"	"	"	"	
2-Nitroaniline	BRL	179 ug/kg dry	1	"	"	"	"	"	
3-Nitroaniline	BRL	179 ug/kg dry	1	"	"	"	"	"	
4-Nitroaniline	BRL	179 ug/kg dry	1	"	"	"	"	"	
Nitrobenzene	BRL	179 ug/kg dry	1	"	"	"	"	"	
2-Nitrophenol	BRL	179 ug/kg dry	1	"	"	"	"	"	
4-Nitrophenol	BRL	179 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodimethylamine	BRL	179 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodi-n-propylamine	BRL	179 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodiphenylamine	BRL	179 ug/kg dry	1	"	"	"	"	"	
Pentachlorophenol	BRL	179 ug/kg dry	1	"	"	"	"	"	
Phenanthrene	BRL	179 ug/kg dry	1	"	"	"	"	"	
Phenol	BRL	179 ug/kg dry	1	"	"	"	"	"	
Pyrene	BRL	179 ug/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-10 (9-11) SA06960-07	0013172	Soil	06-Jan-04 13:22	07-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3550B									
Pyridine	BRL	179 ug/kg dry	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	179 ug/kg dry	1	"	"	"	"	"	
2,4,5-Trichlorophenol	BRL	179 ug/kg dry	1	"	"	"	"	"	
2,4,6-Trichlorophenol	BRL	179 ug/kg dry	1	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl	*65.2*	*30-130 %*		"	"	"	"	"	
Surrogate: 2-Fluorophenol	*69.9*	*15-110 %*		"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*56.0*	*30-130 %*		"	"	"	"	"	
Surrogate: Phenol-d5	*64.5*	*15-110 %*		"	"	"	"	"	
Surrogate: Terphenyl-dl4	*82.9*	*30-130 %*		"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol	*128*	*15-110 %*		"	"	"	"	"	S-GC
Total Metals by EPA 6000/7000 Series Methods, Prepared by SW846 3050B									
Mercury	BRL	0.181 mg/kg dry	1	SW846 7471A	07-Jan-04	08-Jan-04	4010278	YP	
Total Metals by EPA 200 Series Methods									
Silver	BRL	2.10 mg/kg dry	1	EPA 200.7	"	08-Jan-04	4010277	RE	
Aluminum	8,160	3.15 mg/kg dry	1	"	"	"	"	"	
Arsenic	BRL	4.30 mg/kg dry	1	"	"	"	"	"	
Barium	37.7	1.05 mg/kg dry	1	"	"	"	"	"	
Beryllium	BRL	0.420 mg/kg dry	1	"	"	"	"	"	
Calcium	9,240	210 mg/kg dry	20	"	"	08-Jan-04	"	"	
Cadmium	1.25	0.525 mg/kg dry	1	"	"	08-Jan-04	"	"	
Cobalt	9.47	1.05 mg/kg dry	1	"	"	"	"	"	
Chromium	174	1.05 mg/kg dry	1	"	"	"	"	"	
Copper	38.7	1.05 mg/kg dry	1	"	"	"	"	"	
Iron	20,500	21.0 mg/kg dry	20	"	"	08-Jan-04	"	"	
Potassium	BRL	577 mg/kg dry	1	"	"	08-Jan-04	"	"	
Magnesium	3,760	5.25 mg/kg dry	1	"	"	"	"	"	
Manganese	423	0.210 mg/kg dry	1	"	"	"	"	"	
Sodium	BRL	918 mg/kg dry	1	"	"	"	"	"	
Nickel	69.5	1.05 mg/kg dry	1	"	"	"	"	"	
Lead	10.7	1.57 mg/kg dry	1	"	"	"	"	"	
Antimony	BRL	3.15 mg/kg dry	1	"	"	"	"	"	
Selenium	BRL	3.15 mg/kg dry	1	"	"	"	"	"	
Thallium	BRL	3.15 mg/kg dry	1	"	"	"	"	"	
Vanadium	6.74	1.05 mg/kg dry	1	"	"	"	"	"	
Zinc	1,840	1.05 mg/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-10 (9-11) SA06960-07	0013172	Soil	06-Jan-04 13:22	07-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
General Chemistry Parameters									
% Solids	87.5	%	1	SM2540 G Mod.	07-Jan-04	08-Jan-04	4010249	ln	
Hexavalent Chromium	25.7	11.4 mg/kg dry	1	SW846 3060A	07-Jan-04	08-Jan-04	4010352	aj	
Cyanide (total)	41.7	1.11 mg/kg dry	1	10-204-00-1-A	08-Jan-04	08-Jan-04	4010351	jak	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-11 (5-7) SA06960-08	0013172	Soil	06-Jan-04 14:00	07-Jan-04

Analyte(s)	*Result*	*RDL/Units	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
VOC Extraction	Field Extracted	N/A	1	VOC	07-Jan-04	07-Jan-04	4010285	lm	
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							
Acetone	BRL	811 ug/kg dry	50	SW 846 8260B	07-Jan-04	07-Jan-04	4010247	tim	
Acrylonitrile	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
Benzene	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
Bromobenzene	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
Bromochloromethane	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
Bromodichloromethane	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
Bromoform	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
Bromomethane	BRL	81.1 ug/kg dry	50	"	"	"	"	"	
2-Butanone (MEK)	BRL	406 ug/kg dry	50	"	"	"	"	"	
n-Butylbenzene	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
sec-Butylbenzene	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
tert-Butylbenzene	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
Carbon disulfide	BRL	203 ug/kg dry	50	"	"	"	"	"	
Carbon tetrachloride	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
Chlorobenzene	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
Chloroethane	BRL	81.1 ug/kg dry	50	"	"	"	"	"	
Chloroform	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
Chloromethane	BRL	81.1 ug/kg dry	50	"	"	"	"	"	
2-Chlorotoluene	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
4-Chlorotoluene	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	81.1 ug/kg dry	50	"	"	"	"	"	
Dibromochloromethane	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
Dibromomethane	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	81.1 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethane	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloroethane	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethene	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloropropane	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
1,3-Dichloropropane	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
2,2-Dichloropropane	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloropropene	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
Ethylbenzene	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
Hexachlorobutadiene	BRL	40.6 ug/kg dry	50	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-11 (5-7) SA06960-08	0013172	Soil	06-Jan-04 14:00	07-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							
2-Hexanone (MBK)	BRL	406 ug/kg dry	50	"	"	"	"	"	
Isopropylbenzene	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
4-Isopropyltoluene	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
Methyl tert-butyl ether	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	406 ug/kg dry	50	"	"	"	"	"	
Methylene chloride	BRL	406 ug/kg dry	50	"	"	"	"	"	
Naphthalene	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
n-Propylbenzene	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
Styrene	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
Tetrachloroethene	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
Toluene	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
Trichloroethene	49.9	40.6 ug/kg dry	50	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
Vinyl chloride	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
m,p-Xylene	BRL	81.1 ug/kg dry	50	"	"	"	"	"	
o-Xylene	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*103*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*106*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*105*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*99.0*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-11 (5-7) SA06960-08	0013172	Soil	06-Jan-04 14:00	07-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GC									
Polychlorinated Biphenyls by SW846 8082		Prepared by method SW846 3550B							
PCB 1016	BRL	39.5 ug/kg dry	1	SW846 8082	07-Jan-04	08-Jan-04	4010243	MP	
PCB 1221	BRL	39.5 ug/kg dry	1	"	"	"	"	"	
PCB 1232	BRL	39.5 ug/kg dry	1	"	"	"	"	"	
PCB 1242	BRL	39.5 ug/kg dry	1	"	"	"	"	"	
PCB 1248	BRL	39.5 ug/kg dry	1	"	"	"	"	"	
PCB 1254	BRL	39.5 ug/kg dry	1	"	"	"	"	"	
PCB 1260	BRL	39.5 ug/kg dry	1	"	"	"	"	"	
PCB 1262	BRL	39.5 ug/kg dry	1	"	"	"	"	"	
PCB 1268	BRL	39.5 ug/kg dry	1	"	"	"	"	"	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*108*	*40-140 %*		"	"	"	"	"	
Surrogate: Decachlorobiphenyl (Sr)	*82.2*	*40-140 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C		Prepared by method SW846 3550B							
Acenaphthene	BRL	173 ug/kg dry	1	SW846 8270C	07-Jan-04	08-Jan-04	4010242	MB	
Acenaphthylene	BRL	173 ug/kg dry	1	"	"	"	"	"	
Aniline	BRL	173 ug/kg dry	1	"	"	"	"	"	
Anthracene	BRL	173 ug/kg dry	1	"	"	"	"	"	
Azobenzene/Diphenyldiazine	BRL	173 ug/kg dry	1	"	"	"	"	"	
Benzidine	BRL	173 ug/kg dry	1	"	"	"	"	"	
Benzo (a) anthracene	BRL	173 ug/kg dry	1	"	"	"	"	"	
Benzo (a) pyrene	BRL	173 ug/kg dry	1	"	"	"	"	"	
Benzo (b) fluoranthene	BRL	173 ug/kg dry	1	"	"	"	"	"	
Benzo (g,h,i) perylene	BRL	173 ug/kg dry	1	"	"	"	"	"	
Benzo (k) fluoranthene	BRL	173 ug/kg dry	1	"	"	"	"	"	
Benzoic acid	BRL	173 ug/kg dry	1	"	"	"	"	"	
Benzyl alcohol	BRL	173 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroethoxy)methane	BRL	173 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroethyl)ether	BRL	173 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	BRL	173 ug/kg dry	1	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	BRL	173 ug/kg dry	1	"	"	"	"	"	
4-Bromophenyl phenyl ether	BRL	173 ug/kg dry	1	"	"	"	"	"	
Butyl benzyl phthalate	BRL	173 ug/kg dry	1	"	"	"	"	"	
Carbazole	BRL	173 ug/kg dry	1	"	"	"	"	"	
4-Chloro-3-methylphenol	BRL	173 ug/kg dry	1	"	"	"	"	"	
4-Chloroaniline	BRL	173 ug/kg dry	1	"	"	"	"	"	
2-Chloronaphthalene	BRL	173 ug/kg dry	1	"	"	"	"	"	
2-Chlorophenol	BRL	173 ug/kg dry	1	"	"	"	"	"	
4-Chlorophenyl phenyl ether	BRL	173 ug/kg dry	1	"	"	"	"	"	
Chrysene	BRL	173 ug/kg dry	1	"	"	"	"	"	
Dibenzo (a,h) anthracene	BRL	173 ug/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-11 (5-7) SA06960-08	0013172	Soil	06-Jan-04 14:00	07-Jan-04

Analyte(s)	*Result*	*RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3550B									
Dibenzofuran	BRL	173 ug/kg dry	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	173 ug/kg dry	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	173 ug/kg dry	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	173 ug/kg dry	1	"	"	"	"	"	
3,3'-Dichlorobenzidine	BRL	173 ug/kg dry	1	"	"	"	"	"	
2,4-Dichlorophenol	BRL	173 ug/kg dry	1	"	"	"	"	"	
Diethyl phthalate	BRL	173 ug/kg dry	1	"	"	"	"	"	
Dimethyl phthalate	BRL	173 ug/kg dry	1	"	"	"	"	"	
2,4-Dimethylphenol	BRL	173 ug/kg dry	1	"	"	"	"	"	
Di-n-butyl phthalate	BRL	173 ug/kg dry	1	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	BRL	173 ug/kg dry	1	"	"	"	"	"	
2,4-Dinitrophenol	BRL	173 ug/kg dry	1	"	"	"	"	"	
2,4-Dinitrotoluene	BRL	173 ug/kg dry	1	"	"	"	"	"	
2,6-Dinitrotoluene	BRL	173 ug/kg dry	1	"	"	"	"	"	
Di-n-octyl phthalate	BRL	173 ug/kg dry	1	"	"	"	"	"	
Fluoranthene	BRL	173 ug/kg dry	1	"	"	"	"	"	
Fluorene	BRL	173 ug/kg dry	1	"	"	"	"	"	
Hexachlorobenzene	BRL	173 ug/kg dry	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	173 ug/kg dry	1	"	"	"	"	"	
Hexachlorocyclopentadiene	BRL	173 ug/kg dry	1	"	"	"	"	"	
Hexachloroethane	BRL	173 ug/kg dry	1	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	BRL	173 ug/kg dry	1	"	"	"	"	"	
1-Methylnaphthalene	BRL	172 ug/kg dry	1	"	"	"	"	"	
Isophorone	BRL	173 ug/kg dry	1	"	"	"	"	"	
2-Methylnaphthalene	BRL	173 ug/kg dry	1	"	"	"	"	"	
2-Methylphenol	BRL	173 ug/kg dry	1	"	"	"	"	"	
3-Methylphenol	BRL	173 ug/kg dry	1	"	"	"	"	"	
4-Methylphenol	BRL	173 ug/kg dry	1	"	"	"	"	"	
Naphthalene	BRL	173 ug/kg dry	1	"	"	"	"	"	
2-Nitroaniline	BRL	173 ug/kg dry	1	"	"	"	"	"	
3-Nitroaniline	BRL	173 ug/kg dry	1	"	"	"	"	"	
4-Nitroaniline	BRL	173 ug/kg dry	1	"	"	"	"	"	
Nitrobenzene	BRL	173 ug/kg dry	1	"	"	"	"	"	
2-Nitrophenol	BRL	173 ug/kg dry	1	"	"	"	"	"	
4-Nitrophenol	BRL	173 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodimethylamine	BRL	173 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodi-n-propylamine	BRL	173 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodiphenylamine	BRL	173 ug/kg dry	1	"	"	"	"	"	
Pentachlorophenol	BRL	173 ug/kg dry	1	"	"	"	"	"	
Phenanthrene	BRL	173 ug/kg dry	1	"	"	"	"	"	
Phenol	BRL	173 ug/kg dry	1	"	"	"	"	"	
Pyrene	BRL	173 ug/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-11 (5-7) SA06960-08	0013172	Soil	06-Jan-04 14:00	07-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3550B									
Pyridine	BRL	173 ug/kg dry	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	173 ug/kg dry	1	"	"	"	"	"	
2,4,5-Trichlorophenol	BRL	173 ug/kg dry	1	"	"	"	"	"	
2,4,6-Trichlorophenol	BRL	173 ug/kg dry	1	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl	*62.4*	*30-130 %*		"	"	"	"	"	
Surrogate: 2-Fluorophenol	*72.7*	*15-110 %*		"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*53.9*	*30-130 %*		"	"	"	"	"	
Surrogate: Phenol-d5	*65.1*	*15-110 %*		"	"	"	"	"	
Surrogate: Terphenyl-dl4	*79.4*	*30-130 %*		"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol	*119*	*15-110 %*		"	"	"	"	"	S-GC
Total Metals by EPA 6000/7000 Series Methods, Prepared by SW846 3050B									
Mercury	BRL	0.195 mg/kg dry	1	SW846 7471A	07-Jan-04	08-Jan-04	4010278	YP	
Total Metals by EPA 200 Series Methods									
Silver	BRL	2.18 mg/kg dry	1	EPA 200.7	"	08-Jan-04	4010277	RE	
Aluminum	12,800	65.5 mg/kg dry	20	"	"	08-Jan-04	"	"	
Arsenic	BRL	3.30 mg/kg dry	1	"	"	08-Jan-04	"	"	
Barium	49.8	1.09 mg/kg dry	1	"	"	"	"	"	
Beryllium	0.556	0.436 mg/kg dry	1	"	"	"	"	"	
Calcium	1,160	10.9 mg/kg dry	1	"	"	"	"	"	
Cadmium	0.851	0.546 mg/kg dry	1	"	"	"	"	"	
Cobalt	9.74	1.09 mg/kg dry	1	"	"	"	"	"	
Chromium	17.1	1.09 mg/kg dry	1	"	"	"	"	"	
Copper	25.2	1.09 mg/kg dry	1	"	"	"	"	"	
Iron	27,300	21.8 mg/kg dry	20	"	"	08-Jan-04	"	"	
Potassium	BRL	600 mg/kg dry	1	"	"	08-Jan-04	"	"	
Magnesium	3,790	5.46 mg/kg dry	1	"	"	"	"	"	
Manganese	448	0.218 mg/kg dry	1	"	"	"	"	"	
Sodium	BRL	955 mg/kg dry	1	"	"	"	"	"	
Nickel	22.9	1.09 mg/kg dry	1	"	"	"	"	"	
Lead	8.54	1.64 mg/kg dry	1	"	"	"	"	"	
Antimony	BRL	3.27 mg/kg dry	1	"	"	"	"	"	
Selenium	BRL	3.27 mg/kg dry	1	"	"	"	"	"	
Thallium	BRL	3.27 mg/kg dry	1	"	"	"	"	"	
Vanadium	15.7	1.09 mg/kg dry	1	"	"	"	"	"	
Zinc	58.4	1.09 mg/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-11 (5-7) SA06960-08	0013172	Soil	06-Jan-04 14:00	07-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
General Chemistry Parameters									
% Solids	82.6	%	1	SM2540 G Mod.	07-Jan-04	08-Jan-04	4010249	ln	
Hexavalent Chromium	BRL	60.2 mg/kg dry	5	SW846 3060A	07-Jan-04	08-Jan-04	4010352	aj	Z-2a
Cyanide (total)	BRL	1.20 mg/kg dry	1	10-204-00-1-A	09-Jan-04	09-Jan-04	4010417	AW	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-11 (5-7) SA06960-08RE2	0013172	Soil	06-Jan-04 14:00	07-Jan-04

Analyte(s)	*Result*	*RDL/Units	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5035A							
Acetone	BRL	321 ug/kg dry	1	SW 846 8260B	08-Jan-04	08-Jan-04	4010303	CH	
Acrylonitrile	BRL	16.1 ug/kg dry	1	"	"	"	"	"	
Benzene	BRL	16.1 ug/kg dry	1	"	"	"	"	"	
Bromobenzene	BRL	16.1 ug/kg dry	1	"	"	"	"	"	
Bromochloromethane	BRL	16.1 ug/kg dry	1	"	"	"	"	"	
Bromodichloromethane	BRL	16.1 ug/kg dry	1	"	"	"	"	"	
Bromoform	BRL	16.1 ug/kg dry	1	"	"	"	"	"	
Bromomethane	BRL	32.1 ug/kg dry	1	"	"	"	"	"	
2-Butanone (MEK)	BRL	161 ug/kg dry	1	"	"	"	"	"	
n-Butylbenzene	BRL	16.1 ug/kg dry	1	"	"	"	"	"	
sec-Butylbenzene	BRL	16.1 ug/kg dry	1	"	"	"	"	"	
tert-Butylbenzene	BRL	16.1 ug/kg dry	1	"	"	"	"	"	
Carbon disulfide	BRL	80.3 ug/kg dry	1	"	"	"	"	"	
Carbon tetrachloride	BRL	16.1 ug/kg dry	1	"	"	"	"	"	
Chlorobenzene	BRL	16.1 ug/kg dry	1	"	"	"	"	"	
Chloroethane	BRL	32.1 ug/kg dry	1	"	"	"	"	"	
Chloroform	BRL	16.1 ug/kg dry	1	"	"	"	"	"	
Chloromethane	BRL	32.1 ug/kg dry	1	"	"	"	"	"	
2-Chlorotoluene	BRL	16.1 ug/kg dry	1	"	"	"	"	"	
4-Chlorotoluene	BRL	16.1 ug/kg dry	1	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	32.1 ug/kg dry	1	"	"	"	"	"	
Dibromochloromethane	BRL	16.1 ug/kg dry	1	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	16.1 ug/kg dry	1	"	"	"	"	"	
Dibromomethane	BRL	16.1 ug/kg dry	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	16.1 ug/kg dry	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	16.1 ug/kg dry	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	16.1 ug/kg dry	1	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	32.1 ug/kg dry	1	"	"	"	"	"	
1,1-Dichloroethane	BRL	16.1 ug/kg dry	1	"	"	"	"	"	
1,2-Dichloroethane	BRL	16.1 ug/kg dry	1	"	"	"	"	"	
1,1-Dichloroethene	BRL	16.1 ug/kg dry	1	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	16.1 ug/kg dry	1	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	16.1 ug/kg dry	1	"	"	"	"	"	
1,2-Dichloropropane	BRL	16.1 ug/kg dry	1	"	"	"	"	"	
1,3-Dichloropropane	BRL	16.1 ug/kg dry	1	"	"	"	"	"	
2,2-Dichloropropane	BRL	16.1 ug/kg dry	1	"	"	"	"	"	
1,1-Dichloropropene	BRL	16.1 ug/kg dry	1	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	16.1 ug/kg dry	1	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	16.1 ug/kg dry	1	"	"	"	"	"	
Ethylbenzene	BRL	16.1 ug/kg dry	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	16.1 ug/kg dry	1	"	"	"	"	"	
2-Hexanone (MBK)	BRL	161 ug/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-11 (5-7) SA06960-08RE2	0013172	Soil	06-Jan-04 14:00	07-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5035A							
Isopropylbenzene	BRL	16.1 ug/kg dry	1	"	"	"	"	"	
4-Isopropyltoluene	BRL	16.1 ug/kg dry	1	"	"	"	"	"	
Methyl tert-butyl ether	BRL	16.1 ug/kg dry	1	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	161 ug/kg dry	1	"	"	"	"	"	
Methylene chloride	BRL	161 ug/kg dry	1	"	"	"	"	"	
Naphthalene	BRL	16.1 ug/kg dry	1	"	"	"	"	"	
n-Propylbenzene	BRL	16.1 ug/kg dry	1	"	"	"	"	"	
Styrene	BRL	16.1 ug/kg dry	1	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	16.1 ug/kg dry	1	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	16.1 ug/kg dry	1	"	"	"	"	"	
Tetrachloroethene	BRL	16.1 ug/kg dry	1	"	"	"	"	"	
Toluene	BRL	16.1 ug/kg dry	1	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	16.1 ug/kg dry	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	16.1 ug/kg dry	1	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	16.1 ug/kg dry	1	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	16.1 ug/kg dry	1	"	"	"	"	"	
Trichloroethene	17.4	16.1 ug/kg dry	1	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	16.1 ug/kg dry	1	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	16.1 ug/kg dry	1	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	16.1 ug/kg dry	1	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	16.1 ug/kg dry	1	"	"	"	"	"	
Vinyl chloride	BRL	16.1 ug/kg dry	1	"	"	"	"	"	
m,p-Xylene	BRL	32.1 ug/kg dry	1	"	"	"	"	"	
o-Xylene	BRL	16.1 ug/kg dry	1	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*98.4*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*100*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*128*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*110*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-12 (9-10.7) SA06960-09	0013172	Soil	06-Jan-04 14:25	07-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
VOC Extraction	Field Extracted	N/A	1	VOC	07-Jan-04	07-Jan-04	4010285	lm	
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							
Acetone	BRL	795 ug/kg dry	50	SW 846 8260B	07-Jan-04	07-Jan-04	4010247	tim	
Acrylonitrile	BRL	39.8 ug/kg dry	50	"	"	"	"	"	
Benzene	BRL	39.8 ug/kg dry	50	"	"	"	"	"	
Bromobenzene	BRL	39.8 ug/kg dry	50	"	"	"	"	"	
Bromochloromethane	BRL	39.8 ug/kg dry	50	"	"	"	"	"	
Bromodichloromethane	BRL	39.8 ug/kg dry	50	"	"	"	"	"	
Bromoform	BRL	39.8 ug/kg dry	50	"	"	"	"	"	
Bromomethane	BRL	79.5 ug/kg dry	50	"	"	"	"	"	
2-Butanone (MEK)	BRL	398 ug/kg dry	50	"	"	"	"	"	
n-Butylbenzene	BRL	39.8 ug/kg dry	50	"	"	"	"	"	
sec-Butylbenzene	BRL	39.8 ug/kg dry	50	"	"	"	"	"	
tert-Butylbenzene	BRL	39.8 ug/kg dry	50	"	"	"	"	"	
Carbon disulfide	BRL	199 ug/kg dry	50	"	"	"	"	"	
Carbon tetrachloride	BRL	39.8 ug/kg dry	50	"	"	"	"	"	
Chlorobenzene	BRL	39.8 ug/kg dry	50	"	"	"	"	"	
Chloroethane	BRL	79.5 ug/kg dry	50	"	"	"	"	"	
Chloroform	BRL	39.8 ug/kg dry	50	"	"	"	"	"	
Chloromethane	BRL	79.5 ug/kg dry	50	"	"	"	"	"	
2-Chlorotoluene	BRL	39.8 ug/kg dry	50	"	"	"	"	"	
4-Chlorotoluene	BRL	39.8 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	79.5 ug/kg dry	50	"	"	"	"	"	
Dibromochloromethane	BRL	39.8 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	39.8 ug/kg dry	50	"	"	"	"	"	
Dibromomethane	BRL	39.8 ug/kg dry	50	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	39.8 ug/kg dry	50	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	39.8 ug/kg dry	50	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	39.8 ug/kg dry	50	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	79.5 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethane	BRL	39.8 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloroethane	BRL	39.8 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethene	BRL	39.8 ug/kg dry	50	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	39.8 ug/kg dry	50	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	39.8 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloropropane	BRL	39.8 ug/kg dry	50	"	"	"	"	"	
1,3-Dichloropropane	BRL	39.8 ug/kg dry	50	"	"	"	"	"	
2,2-Dichloropropane	BRL	39.8 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloropropene	BRL	39.8 ug/kg dry	50	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	39.8 ug/kg dry	50	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	39.8 ug/kg dry	50	"	"	"	"	"	
Ethylbenzene	BRL	39.8 ug/kg dry	50	"	"	"	"	"	
Hexachlorobutadiene	BRL	39.8 ug/kg dry	50	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-12 (9-10.7) SA06960-09	0013172	Soil	06-Jan-04 14:25	07-Jan-04

Analyte(s)	*Result*	*RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							
2-Hexanone (MBK)	BRL	398 ug/kg dry	50	"	"	"	"	"	
Isopropylbenzene	BRL	39.8 ug/kg dry	50	"	"	"	"	"	
4-Isopropyltoluene	BRL	39.8 ug/kg dry	50	"	"	"	"	"	
Methyl tert-butyl ether	BRL	39.8 ug/kg dry	50	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	398 ug/kg dry	50	"	"	"	"	"	
Methylene chloride	BRL	398 ug/kg dry	50	"	"	"	"	"	
Naphthalene	BRL	39.8 ug/kg dry	50	"	"	"	"	"	
n-Propylbenzene	BRL	39.8 ug/kg dry	50	"	"	"	"	"	
Styrene	BRL	39.8 ug/kg dry	50	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	39.8 ug/kg dry	50	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	39.8 ug/kg dry	50	"	"	"	"	"	
Tetrachloroethene	BRL	39.8 ug/kg dry	50	"	"	"	"	"	
Toluene	BRL	39.8 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	39.8 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	39.8 ug/kg dry	50	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	39.8 ug/kg dry	50	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	39.8 ug/kg dry	50	"	"	"	"	"	
Trichloroethene	109	39.8 ug/kg dry	50	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	39.8 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	39.8 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	39.8 ug/kg dry	50	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	39.8 ug/kg dry	50	"	"	"	"	"	
Vinyl chloride	BRL	39.8 ug/kg dry	50	"	"	"	"	"	
m,p-Xylene	BRL	79.5 ug/kg dry	50	"	"	"	"	"	
o-Xylene	BRL	39.8 ug/kg dry	50	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*102*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*109*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*104*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*101*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-12 (9-10.7) SA06960-09	0013172	Soil	06-Jan-04 14:25	07-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3550B									
Acenaphthene	BRL	178 ug/kg dry	1	SW846 8270C	07-Jan-04	08-Jan-04	4010242	M.B	
Acenaphthylene	BRL	178 ug/kg dry	1	"	"	"	"	"	
Aniline	BRL	178 ug/kg dry	1	"	"	"	"	"	
Anthracene	BRL	178 ug/kg dry	1	"	"	"	"	"	
Azobenzene/Diphenyldiazine	BRL	178 ug/kg dry	1	"	"	"	"	"	
Benzidine	BRL	178 ug/kg dry	1	"	"	"	"	"	
Benzo (a) anthracene	BRL	178 ug/kg dry	1	"	"	"	"	"	
Benzo (a) pyrene	BRL	178 ug/kg dry	1	"	"	"	"	"	
Benzo (b) fluoranthene	BRL	178 ug/kg dry	1	"	"	"	"	"	
Benzo (g,h,i) perylene	BRL	178 ug/kg dry	1	"	"	"	"	"	
Benzo (k) fluoranthene	BRL	178 ug/kg dry	1	"	"	"	"	"	
Benzoic acid	BRL	178 ug/kg dry	1	"	"	"	"	"	
Benzyl alcohol	BRL	178 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroethoxy)methane	BRL	178 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroethyl)ether	BRL	178 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	BRL	178 ug/kg dry	1	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	BRL	178 ug/kg dry	1	"	"	"	"	"	
4-Bromophenyl phenyl ether	BRL	178 ug/kg dry	1	"	"	"	"	"	
Butyl benzyl phthalate	BRL	178 ug/kg dry	1	"	"	"	"	"	
Carbazole	BRL	178 ug/kg dry	1	"	"	"	"	"	
4-Chloro-3-methylphenol	BRL	178 ug/kg dry	1	"	"	"	"	"	
4-Chloroaniline	BRL	178 ug/kg dry	1	"	"	"	"	"	
2-Chloronaphthalene	BRL	178 ug/kg dry	1	"	"	"	"	"	
2-Chlorophenol	BRL	178 ug/kg dry	1	"	"	"	"	"	
4-Chlorophenyl phenyl ether	BRL	178 ug/kg dry	1	"	"	"	"	"	
Chrysene	BRL	178 ug/kg dry	1	"	"	"	"	"	
Dibenzo (a,h) anthracene	BRL	178 ug/kg dry	1	"	"	"	"	"	
Dibenzofuran	BRL	178 ug/kg dry	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	178 ug/kg dry	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	178 ug/kg dry	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	178 ug/kg dry	1	"	"	"	"	"	
3,3'-Dichlorobenzidine	BRL	178 ug/kg dry	1	"	"	"	"	"	
2,4-Dichlorophenol	BRL	178 ug/kg dry	1	"	"	"	"	"	
Diethyl phthalate	BRL	178 ug/kg dry	1	"	"	"	"	"	
Dimethyl phthalate	BRL	178 ug/kg dry	1	"	"	"	"	"	
2,4-Dimethylphenol	BRL	178 ug/kg dry	1	"	"	"	"	"	
Di-n-butyl phthalate	BRL	178 ug/kg dry	1	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	BRL	178 ug/kg dry	1	"	"	"	"	"	
2,4-Dinitrophenol	BRL	178 ug/kg dry	1	"	"	"	"	"	
2,4-Dinitrotoluene	BRL	178 ug/kg dry	1	"	"	"	"	"	
2,6-Dinitrotoluene	BRL	178 ug/kg dry	1	"	"	"	"	"	
Di-n-octyl phthalate	BRL	178 ug/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-12 (9-10.7) SA06960-09	0013172	Soil	06-Jan-04 14:25	07-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3550B									
Fluoranthene	BRL	178 ug/kg dry	1	"	"	"	"	"	
Fluorene	BRL	178 ug/kg dry	1	"	"	"	"	"	
Hexachlorobenzene	BRL	178 ug/kg dry	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	178 ug/kg dry	1	"	"	"	"	"	
Hexachlorocyclopentadiene	BRL	178 ug/kg dry	1	"	"	"	"	"	
Hexachloroethane	BRL	178 ug/kg dry	1	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	BRL	178 ug/kg dry	1	"	"	"	"	"	
1-Methylnaphthalene	BRL	177 ug/kg dry	1	"	"	"	"	"	
Isophorone	BRL	178 ug/kg dry	1	"	"	"	"	"	
2-Methylnaphthalene	BRL	178 ug/kg dry	1	"	"	"	"	"	
2-Methylphenol	BRL	178 ug/kg dry	1	"	"	"	"	"	
3-Methylphenol	BRL	178 ug/kg dry	1	"	"	"	"	"	
4-Methylphenol	BRL	178 ug/kg dry	1	"	"	"	"	"	
Naphthalene	BRL	178 ug/kg dry	1	"	"	"	"	"	
2-Nitroaniline	BRL	178 ug/kg dry	1	"	"	"	"	"	
3-Nitroaniline	BRL	178 ug/kg dry	1	"	"	"	"	"	
4-Nitroaniline	BRL	178 ug/kg dry	1	"	"	"	"	"	
Nitrobenzene	BRL	178 ug/kg dry	1	"	"	"	"	"	
2-Nitrophenol	BRL	178 ug/kg dry	1	"	"	"	"	"	
4-Nitrophenol	BRL	178 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodimethylamine	BRL	178 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodi-n-propylamine	BRL	178 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodiphenylamine	BRL	178 ug/kg dry	1	"	"	"	"	"	
Pentachlorophenol	BRL	178 ug/kg dry	1	"	"	"	"	"	
Phenanthrene	BRL	178 ug/kg dry	1	"	"	"	"	"	
Phenol	BRL	178 ug/kg dry	1	"	"	"	"	"	
Pyrene	BRL	178 ug/kg dry	1	"	"	"	"	"	
Pyridine	BRL	178 ug/kg dry	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	178 ug/kg dry	1	"	"	"	"	"	
2,4,5-Trichlorophenol	BRL	178 ug/kg dry	1	"	"	"	"	"	
2,4,6-Trichlorophenol	BRL	178 ug/kg dry	1	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl	*64.9*	*30-130 %*		"	"	"	"	"	
Surrogate: 2-Fluorophenol	*75.3*	*15-110 %*		"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*54.1*	*30-130 %*		"	"	"	"	"	
Surrogate: Phenol-d5	*67.0*	*15-110 %*		"	"	"	"	"	
Surrogate: Terphenyl-d14	*80.6*	*30-130 %*		"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol	*123*	*15-110 %*		"	"	"	"	"	S-GC

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-12 (9-10.7) SA06960-09	0013172	Soil	06-Jan-04 14:25	07-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Total Metals by EPA 6000/7000 Series Methods, Prepared by SW846 3050B									
Mercury	BRL	0.196 mg/kg dry	1	SW846 7471A	07-Jan-04	08-Jan-04	4010278	YP	
Total Metals by EPA 200 Series Methods									
Silver	BRL	2.19 mg/kg dry	1	EPA 200.7	"	08-Jan-04	4010277	RE	
Aluminum	12,700	65.7 mg/kg dry	20	"	"	08-Jan-04	"	"	
Arsenic	BRL	3.28 mg/kg dry	1	"	"	08-Jan-04	"	"	
Barium	45.9	1.09 mg/kg dry	1	"	"	"	"	"	
Beryllium	0.569	0.438 mg/kg dry	1	"	"	"	"	"	
Calcium	1,130	10.9 mg/kg dry	1	"	"	"	"	"	
Cadmium	0.865	0.547 mg/kg dry	1	"	"	"	"	"	
Cobalt	11.2	1.09 mg/kg dry	1	"	"	"	"	"	
Chromium	16.2	1.09 mg/kg dry	1	"	"	"	"	"	
Copper	15.3	1.09 mg/kg dry	1	"	"	"	"	"	
Iron	27,200	21.9 mg/kg dry	20	"	"	08-Jan-04	"	"	
Potassium	BRL	602 mg/kg dry	1	"	"	08-Jan-04	"	"	
Magnesium	3,950	5.47 mg/kg dry	1	"	"	"	"	"	
Manganese	601	0.219 mg/kg dry	1	"	"	"	"	"	
Sodium	BRL	958 mg/kg dry	1	"	"	"	"	"	
Nickel	23.3	1.09 mg/kg dry	1	"	"	"	"	"	
Lead	7.78	1.64 mg/kg dry	1	"	"	"	"	"	
Antimony	BRL	3.28 mg/kg dry	1	"	"	"	"	"	
Selenium	BRL	3.28 mg/kg dry	1	"	"	"	"	"	
Thallium	BRL	3.28 mg/kg dry	1	"	"	"	"	"	
Vanadium	14.7	1.09 mg/kg dry	1	"	"	"	"	"	
Zinc	BRL	52.5 mg/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-12 (9-10.7) SA06960-09	0013172	Soil	06-Jan-04 14:25	07-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
General Chemistry Parameters									
% Solids	85.4	%	1	SM2540 G Mod.	07-Jan-04	08-Jan-04	4010249	ln	
Hexavalent Chromium	BRL	12.0 mg/kg dry	1	SW846 3060A	07-Jan-04	08-Jan-04	4010352	aj	
Cyanide (total)	BRL	1.16 mg/kg dry	1	10-204-00-1-A	09-Jan-04	09-Jan-04	4010417	AW	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-12 (9-10.7) SA06960-09RE2	0013172	Soil	06-Jan-04 14:25	07-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5035A							
Acetone	BRL	128 ug/kg dry	1	SW 846 8260B	08-Jan-04	08-Jan-04	4010303	CH	
Acrylonitrile	BRL	6.41 ug/kg dry	1	"	"	"	"	"	
Benzene	BRL	6.41 ug/kg dry	1	"	"	"	"	"	
Bromobenzene	BRL	6.41 ug/kg dry	1	"	"	"	"	"	
Bromochloromethane	BRL	6.41 ug/kg dry	1	"	"	"	"	"	
Bromodichloromethane	BRL	6.41 ug/kg dry	1	"	"	"	"	"	
Bromoform	BRL	6.41 ug/kg dry	1	"	"	"	"	"	
Bromomethane	BRL	12.8 ug/kg dry	1	"	"	"	"	"	
2-Butanone (MEK)	BRL	64.1 ug/kg dry	1	"	"	"	"	"	
n-Butylbenzene	BRL	6.41 ug/kg dry	1	"	"	"	"	"	
sec-Butylbenzene	BRL	6.41 ug/kg dry	1	"	"	"	"	"	
tert-Butylbenzene	BRL	6.41 ug/kg dry	1	"	"	"	"	"	
Carbon disulfide	BRL	32.0 ug/kg dry	1	"	"	"	"	"	
Carbon tetrachloride	BRL	6.41 ug/kg dry	1	"	"	"	"	"	
Chlorobenzene	BRL	6.41 ug/kg dry	1	"	"	"	"	"	
Chloroethane	BRL	12.8 ug/kg dry	1	"	"	"	"	"	
Chloroform	BRL	6.41 ug/kg dry	1	"	"	"	"	"	
Chloromethane	BRL	12.8 ug/kg dry	1	"	"	"	"	"	
2-Chlorotoluene	BRL	6.41 ug/kg dry	1	"	"	"	"	"	
4-Chlorotoluene	BRL	6.41 ug/kg dry	1	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	12.8 ug/kg dry	1	"	"	"	"	"	
Dibromochloromethane	BRL	6.41 ug/kg dry	1	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	6.41 ug/kg dry	1	"	"	"	"	"	
Dibromomethane	BRL	6.41 ug/kg dry	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	6.41 ug/kg dry	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	6.41 ug/kg dry	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	6.41 ug/kg dry	1	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	12.8 ug/kg dry	1	"	"	"	"	"	
1,1-Dichloroethane	BRL	6.41 ug/kg dry	1	"	"	"	"	"	
1,2-Dichloroethane	BRL	6.41 ug/kg dry	1	"	"	"	"	"	
1,1-Dichloroethene	BRL	6.41 ug/kg dry	1	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	6.41 ug/kg dry	1	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	6.41 ug/kg dry	1	"	"	"	"	"	
1,2-Dichloropropane	BRL	6.41 ug/kg dry	1	"	"	"	"	"	
1,3-Dichloropropane	BRL	6.41 ug/kg dry	1	"	"	"	"	"	
2,2-Dichloropropane	BRL	6.41 ug/kg dry	1	"	"	"	"	"	
1,1-Dichloropropene	BRL	6.41 ug/kg dry	1	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	6.41 ug/kg dry	1	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	6.41 ug/kg dry	1	"	"	"	"	"	
Ethylbenzene	BRL	6.41 ug/kg dry	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	6.41 ug/kg dry	1	"	"	"	"	"	
2-Hexanone (MBK)	BRL	64.1 ug/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-12 (9-10.7) SA06960-09RE2	0013172	Soil	06-Jan-04 14:25	07-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5035A							
Isopropylbenzene	BRL	6.41 ug/kg dry	1	"	"	"	"	"	
4-Isopropyltoluene	BRL	6.41 ug/kg dry	1	"	"	"	"	"	
Methyl tert-butyl ether	BRL	6.41 ug/kg dry	1	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	64.1 ug/kg dry	1	"	"	"	"	"	
Methylene chloride	BRL	64.1 ug/kg dry	1	"	"	"	"	"	
Naphthalene	BRL	6.41 ug/kg dry	1	"	"	"	"	"	
n-Propylbenzene	BRL	6.41 ug/kg dry	1	"	"	"	"	"	
Styrene	BRL	6.41 ug/kg dry	1	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	6.41 ug/kg dry	1	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	6.41 ug/kg dry	1	"	"	"	"	"	
Tetrachloroethene	BRL	6.41 ug/kg dry	1	"	"	"	"	"	
Toluene	BRL	6.41 ug/kg dry	1	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	6.41 ug/kg dry	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	6.41 ug/kg dry	1	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	6.41 ug/kg dry	1	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	6.41 ug/kg dry	1	"	"	"	"	"	
Trichloroethene	59.9	6.41 ug/kg dry	1	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	6.41 ug/kg dry	1	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	6.41 ug/kg dry	1	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	6.41 ug/kg dry	1	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	6.41 ug/kg dry	1	"	"	"	"	"	
Vinyl chloride	BRL	6.41 ug/kg dry	1	"	"	"	"	"	
m,p-Xylene	BRL	12.8 ug/kg dry	1	"	"	"	"	"	
o-Xylene	BRL	6.41 ug/kg dry	1	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*95.4*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*97.2*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*113*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*104*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-13 (3-5) SA06960-10	0013172	Soil	06-Jan-04 14:55	07-Jan-04

Analyte(s)	*Result*	*RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
VOC Extraction	Lab Extracted	N/A	1	VOC	07-Jan-04	07-Jan-04	4010285	jn	
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							
Acetone	BRL	1460 ug/kg dry	50	SW 846 8260B	07-Jan-04	07-Jan-04	4010247	tim	
Acrylonitrile	BRL	73.0 ug/kg dry	50	"	"	"	"	"	
Benzene	BRL	73.0 ug/kg dry	50	"	"	"	"	"	
Bromobenzene	BRL	73.0 ug/kg dry	50	"	"	"	"	"	
Bromochloromethane	BRL	73.0 ug/kg dry	50	"	"	"	"	"	
Bromodichloromethane	BRL	73.0 ug/kg dry	50	"	"	"	"	"	
Bromoform	BRL	73.0 ug/kg dry	50	"	"	"	"	"	
Bromomethane	BRL	146 ug/kg dry	50	"	"	"	"	"	
2-Butanone (MEK)	BRL	730 ug/kg dry	50	"	"	"	"	"	
n-Butylbenzene	BRL	73.0 ug/kg dry	50	"	"	"	"	"	
sec-Butylbenzene	BRL	73.0 ug/kg dry	50	"	"	"	"	"	
tert-Butylbenzene	BRL	73.0 ug/kg dry	50	"	"	"	"	"	
Carbon disulfide	BRL	365 ug/kg dry	50	"	"	"	"	"	
Carbon tetrachloride	BRL	73.0 ug/kg dry	50	"	"	"	"	"	
Chlorobenzene	BRL	73.0 ug/kg dry	50	"	"	"	"	"	
Chloroethane	BRL	146 ug/kg dry	50	"	"	"	"	"	
Chloroform	BRL	73.0 ug/kg dry	50	"	"	"	"	"	
Chloromethane	BRL	146 ug/kg dry	50	"	"	"	"	"	
2-Chlorotoluene	BRL	73.0 ug/kg dry	50	"	"	"	"	"	
4-Chlorotoluene	BRL	73.0 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	146 ug/kg dry	50	"	"	"	"	"	
Dibromochloromethane	BRL	73.0 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	73.0 ug/kg dry	50	"	"	"	"	"	
Dibromomethane	BRL	73.0 ug/kg dry	50	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	73.0 ug/kg dry	50	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	73.0 ug/kg dry	50	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	73.0 ug/kg dry	50	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	146 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethane	BRL	73.0 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloroethane	BRL	73.0 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethene	BRL	73.0 ug/kg dry	50	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	73.0 ug/kg dry	50	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	73.0 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloropropane	BRL	73.0 ug/kg dry	50	"	"	"	"	"	
1,3-Dichloropropane	BRL	73.0 ug/kg dry	50	"	"	"	"	"	
2,2-Dichloropropane	BRL	73.0 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloropropene	BRL	73.0 ug/kg dry	50	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	73.0 ug/kg dry	50	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	73.0 ug/kg dry	50	"	"	"	"	"	
Ethylbenzene	BRL	73.0 ug/kg dry	50	"	"	"	"	"	
Hexachlorobutadiene	BRL	73.0 ug/kg dry	50	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-13 (3-5) SA06960-10	0013172	Soil	06-Jan-04 14:55	07-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							
2-Hexanone (MBK)	BRL	730 ug/kg dry	50	"	"	"	"	"	
Isopropylbenzene	BRL	73.0 ug/kg dry	50	"	"	"	"	"	
4-Isopropyltoluene	BRL	73.0 ug/kg dry	50	"	"	"	"	"	
Methyl tert-butyl ether	BRL	73.0 ug/kg dry	50	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	730 ug/kg dry	50	"	"	"	"	"	
Methylene chloride	BRL	730 ug/kg dry	50	"	"	"	"	"	
Naphthalene	BRL	73.0 ug/kg dry	50	"	"	"	"	"	
n-Propylbenzene	BRL	73.0 ug/kg dry	50	"	"	"	"	"	
Styrene	BRL	73.0 ug/kg dry	50	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	73.0 ug/kg dry	50	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	73.0 ug/kg dry	50	"	"	"	"	"	
Tetrachloroethene	193	73.0 ug/kg dry	50	"	"	"	"	"	
Toluene	BRL	73.0 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	73.0 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	73.0 ug/kg dry	50	"	"	"	"	"	
1,1,1-Trichloroethane	126	73.0 ug/kg dry	50	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	73.0 ug/kg dry	50	"	"	"	"	"	
Trichloroethene	444	73.0 ug/kg dry	50	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	73.0 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	73.0 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	73.0 ug/kg dry	50	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	73.0 ug/kg dry	50	"	"	"	"	"	
Vinyl chloride	BRL	73.0 ug/kg dry	50	"	"	"	"	"	
m,p-Xylene	BRL	146 ug/kg dry	50	"	"	"	"	"	
o-Xylene	BRL	73.0 ug/kg dry	50	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*103*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*105*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*107*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*102*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-13 (3-5) SA06960-10	0013172	Soil	06-Jan-04 14:55	07-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3550B									
Acenaphthene	BRL	173 ug/kg dry	1	SW846 8270C	07-Jan-04	08-Jan-04	4010242	M.B	
Acenaphthylene	BRL	173 ug/kg dry	1	"	"	"	"	"	
Aniline	BRL	173 ug/kg dry	1	"	"	"	"	"	
Anthracene	BRL	173 ug/kg dry	1	"	"	"	"	"	
Azobenzene/Diphenyldiazine	BRL	173 ug/kg dry	1	"	"	"	"	"	
Benzidine	BRL	173 ug/kg dry	1	"	"	"	"	"	
Benzo (a) anthracene	BRL	173 ug/kg dry	1	"	"	"	"	"	
Benzo (a) pyrene	BRL	173 ug/kg dry	1	"	"	"	"	"	
Benzo (b) fluoranthene	BRL	173 ug/kg dry	1	"	"	"	"	"	
Benzo (g,h,i) perylene	BRL	173 ug/kg dry	1	"	"	"	"	"	
Benzo (k) fluoranthene	BRL	173 ug/kg dry	1	"	"	"	"	"	
Benzoic acid	BRL	173 ug/kg dry	1	"	"	"	"	"	
Benzyl alcohol	BRL	173 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroethoxy)methane	BRL	173 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroethyl)ether	BRL	173 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	BRL	173 ug/kg dry	1	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	BRL	173 ug/kg dry	1	"	"	"	"	"	
4-Bromophenyl phenyl ether	BRL	173 ug/kg dry	1	"	"	"	"	"	
Butyl benzyl phthalate	BRL	173 ug/kg dry	1	"	"	"	"	"	
Carbazole	BRL	173 ug/kg dry	1	"	"	"	"	"	
4-Chloro-3-methylphenol	BRL	173 ug/kg dry	1	"	"	"	"	"	
4-Chloroaniline	BRL	173 ug/kg dry	1	"	"	"	"	"	
2-Chloronaphthalene	BRL	173 ug/kg dry	1	"	"	"	"	"	
2-Chlorophenol	BRL	173 ug/kg dry	1	"	"	"	"	"	
4-Chlorophenyl phenyl ether	BRL	173 ug/kg dry	1	"	"	"	"	"	
Chrysene	BRL	173 ug/kg dry	1	"	"	"	"	"	
Dibenzo (a,h) anthracene	BRL	173 ug/kg dry	1	"	"	"	"	"	
Dibenzofuran	BRL	173 ug/kg dry	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	173 ug/kg dry	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	173 ug/kg dry	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	173 ug/kg dry	1	"	"	"	"	"	
3,3'-Dichlorobenzidine	BRL	173 ug/kg dry	1	"	"	"	"	"	
2,4-Dichlorophenol	BRL	173 ug/kg dry	1	"	"	"	"	"	
Diethyl phthalate	BRL	173 ug/kg dry	1	"	"	"	"	"	
Dimethyl phthalate	BRL	173 ug/kg dry	1	"	"	"	"	"	
2,4-Dimethylphenol	BRL	173 ug/kg dry	1	"	"	"	"	"	
Di-n-butyl phthalate	BRL	173 ug/kg dry	1	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	BRL	173 ug/kg dry	1	"	"	"	"	"	
2,4-Dinitrophenol	BRL	173 ug/kg dry	1	"	"	"	"	"	
2,4-Dinitrotoluene	BRL	173 ug/kg dry	1	"	"	"	"	"	
2,6-Dinitrotoluene	BRL	173 ug/kg dry	1	"	"	"	"	"	
Di-n-octyl phthalate	BRL	173 ug/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-13 (3-5) SA06960-10	0013172	Soil	06-Jan-04 14:55	07-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3550B									
Fluoranthene	BRL	173 ug/kg dry	1	"	"	"	"	"	
Fluorene	BRL	173 ug/kg dry	1	"	"	"	"	"	
Hexachlorobenzene	BRL	173 ug/kg dry	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	173 ug/kg dry	1	"	"	"	"	"	
Hexachlorocyclopentadiene	BRL	173 ug/kg dry	1	"	"	"	"	"	
Hexachloroethane	BRL	173 ug/kg dry	1	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	BRL	173 ug/kg dry	1	"	"	"	"	"	
1-Methylnaphthalene	BRL	173 ug/kg dry	1	"	"	"	"	"	
Isophorone	BRL	173 ug/kg dry	1	"	"	"	"	"	
2-Methylnaphthalene	BRL	173 ug/kg dry	1	"	"	"	"	"	
2-Methylphenol	BRL	173 ug/kg dry	1	"	"	"	"	"	
3-Methylphenol	BRL	173 ug/kg dry	1	"	"	"	"	"	
4-Methylphenol	BRL	173 ug/kg dry	1	"	"	"	"	"	
Naphthalene	BRL	173 ug/kg dry	1	"	"	"	"	"	
2-Nitroaniline	BRL	173 ug/kg dry	1	"	"	"	"	"	
3-Nitroaniline	BRL	173 ug/kg dry	1	"	"	"	"	"	
4-Nitroaniline	BRL	173 ug/kg dry	1	"	"	"	"	"	
Nitrobenzene	BRL	173 ug/kg dry	1	"	"	"	"	"	
2-Nitrophenol	BRL	173 ug/kg dry	1	"	"	"	"	"	
4-Nitrophenol	BRL	173 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodimethylamine	BRL	173 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodi-n-propylamine	BRL	173 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodiphenylamine	BRL	173 ug/kg dry	1	"	"	"	"	"	
Pentachlorophenol	BRL	173 ug/kg dry	1	"	"	"	"	"	
Phenanthrene	BRL	173 ug/kg dry	1	"	"	"	"	"	
Phenol	BRL	173 ug/kg dry	1	"	"	"	"	"	
Pyrene	BRL	173 ug/kg dry	1	"	"	"	"	"	
Pyridine	BRL	173 ug/kg dry	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	173 ug/kg dry	1	"	"	"	"	"	
2,4,5-Trichlorophenol	BRL	173 ug/kg dry	1	"	"	"	"	"	
2,4,6-Trichlorophenol	BRL	173 ug/kg dry	1	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl	*64.7*	*30-130 %*		"	"	"	"	"	
Surrogate: 2-Fluorophenol	*74.1*	*15-110 %*		"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*55.0*	*30-130 %*		"	"	"	"	"	
Surrogate: Phenol-d5	*67.7*	*15-110 %*		"	"	"	"	"	
Surrogate: Terphenyl-dl4	*81.5*	*30-130 %*		"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol	*60.0*	*15-110 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-13 (3-5) SA06960-10	0013172	Soil	06-Jan-04 14:55	07-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Total Metals by EPA 6000/7000 Series Methods, Prepared by SW846 3050B									
Mercury	BRL	0.192 mg/kg dry	1	SW846 7471A	07-Jan-04	08-Jan-04	4010278	YP	
Total Metals by EPA 200 Series Methods									
Silver	BRL	2.06 mg/kg dry	1	EPA 200.7	"	08-Jan-04	4010277	RE	
Aluminum	12,800	61.7 mg/kg dry	20	"	"	08-Jan-04	"	"	
Arsenic	3.81	3.09 mg/kg dry	1	"	"	08-Jan-04	"	"	
Barium	53.5	1.03 mg/kg dry	1	"	"	"	"	"	
Beryllium	0.535	0.411 mg/kg dry	1	"	"	"	"	"	
Calcium	22,800	206 mg/kg dry	20	"	"	08-Jan-04	"	"	
Cadmium	0.854	0.514 mg/kg dry	1	"	"	08-Jan-04	"	"	
Cobalt	11.3	1.03 mg/kg dry	1	"	"	"	"	"	
Chromium	16.9	1.03 mg/kg dry	1	"	"	"	"	"	
Copper	21.6	1.03 mg/kg dry	1	"	"	"	"	"	
Iron	27,800	20.6 mg/kg dry	20	"	"	08-Jan-04	"	"	
Potassium	845	20.6 mg/kg dry	1	"	"	08-Jan-04	"	"	
Magnesium	10,200	103 mg/kg dry	20	"	"	08-Jan-04	"	"	
Manganese	507	0.206 mg/kg dry	1	"	"	08-Jan-04	"	"	
Sodium	BRL	900 mg/kg dry	1	"	"	"	"	"	
Nickel	27.1	1.03 mg/kg dry	1	"	"	"	"	"	
Lead	12.9	1.54 mg/kg dry	1	"	"	"	"	"	
Antimony	BRL	3.09 mg/kg dry	1	"	"	"	"	"	
Selenium	BRL	3.09 mg/kg dry	1	"	"	"	"	"	
Thallium	BRL	3.09 mg/kg dry	1	"	"	"	"	"	
Vanadium	15.1	1.03 mg/kg dry	1	"	"	"	"	"	
Zinc	57.9	1.03 mg/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-13 (3-5) SA06960-10	0013172	Soil	06-Jan-04 14:55	07-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
General Chemistry Parameters									
% Solids	90.5	%	1	SM2540 G Mod.	07-Jan-04	08-Jan-04	4010262	ln	
Hexavalent Chromium	BRL	11.3 mg/kg dry	1	SW846 3060A	07-Jan-04	08-Jan-04	4010352	aj	
Cyanide (total)	BRL	1.10 mg/kg dry	1	10-204-00-1-A	09-Jan-04	09-Jan-04	4010417	AW	

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010247 - SW846 5030 Soil MS										
Blank (4010247-BLK1)				Prepared & Analyzed: 07-Jan-04						
Acetone	BRL	20.0	ug/kg wet							
Acrylonitrile	BRL	1.00	ug/kg wet							
Benzene	BRL	1.00	ug/kg wet							
Bromobenzene	BRL	1.00	ug/kg wet							
Bromochloromethane	BRL	1.00	ug/kg wet							
Bromodichloromethane	BRL	1.00	ug/kg wet							
Bromoform	BRL	1.00	ug/kg wet							
Bromomethane	BRL	2.00	ug/kg wet							
2-Butanone (MEK)	BRL	10.0	ug/kg wet							
n-Butylbenzene	BRL	1.00	ug/kg wet							
sec-Butylbenzene	BRL	1.00	ug/kg wet							
tert-Butylbenzene	BRL	1.00	ug/kg wet							
Carbon disulfide	BRL	5.00	ug/kg wet							
Carbon tetrachloride	BRL	1.00	ug/kg wet							
Chlorobenzene	BRL	1.00	ug/kg wet							
Chloroethane	BRL	2.00	ug/kg wet							
Chloroform	BRL	1.00	ug/kg wet							
Chloromethane	BRL	2.00	ug/kg wet							
2-Chlorotoluene	BRL	1.00	ug/kg wet							
4-Chlorotoluene	BRL	1.00	ug/kg wet							
1,2-Dibromo-3-chloropropane	BRL	2.00	ug/kg wet							
Dibromochloromethane	BRL	1.00	ug/kg wet							
1,2-Dibromoethane (EDB)	BRL	1.00	ug/kg wet							
Dibromomethane	BRL	1.00	ug/kg wet							
1,2-Dichlorobenzene	BRL	1.00	ug/kg wet							
1,3-Dichlorobenzene	BRL	1.00	ug/kg wet							
1,4-Dichlorobenzene	BRL	1.00	ug/kg wet							
Dichlorodifluoromethane (Freon12)	BRL	2.00	ug/kg wet							
1,1-Dichloroethane	BRL	1.00	ug/kg wet							
1,2-Dichloroethane	BRL	1.00	ug/kg wet							
1,1-Dichloroethene	BRL	1.00	ug/kg wet							
cis-1,2-Dichloroethene	BRL	1.00	ug/kg wet							
trans-1,2-Dichloroethene	BRL	1.00	ug/kg wet							
1,2-Dichloropropane	BRL	1.00	ug/kg wet							
1,3-Dichloropropane	BRL	1.00	ug/kg wet							
2,2-Dichloropropane	BRL	1.00	ug/kg wet							
1,1-Dichloropropene	BRL	1.00	ug/kg wet							
cis-1,3-Dichloropropene	BRL	1.00	ug/kg wet							
trans-1,3-Dichloropropene	BRL	1.00	ug/kg wet							
Ethylbenzene	BRL	1.00	ug/kg wet							
Hexachlorobutadiene	BRL	1.00	ug/kg wet							
2-Hexanone (MBK)	BRL	10.0	ug/kg wet							
Isopropylbenzene	BRL	1.00	ug/kg wet							
4-Isopropyltoluene	BRL	1.00	ug/kg wet							
Methyl tert-butyl ether	BRL	1.00	ug/kg wet							
4-Methyl-2-pentanone (MIBK)	BRL	10.0	ug/kg wet							
Methylene chloride	BRL	10.0	ug/kg wet							
Naphthalene	BRL	1.00	ug/kg wet							
n-Propylbenzene	BRL	1.00	ug/kg wet							
Styrene	BRL	1.00	ug/kg wet							
1,1,1,2-Tetrachloroethane	BRL	1.00	ug/kg wet							
1,1,2,2-Tetrachloroethane	BRL	1.00	ug/kg wet							
Tetrachloroethene	BRL	1.00	ug/kg wet							
Toluene	BRL	1.00	ug/kg wet							

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010247 - SW846 5030 Soil MS										
Blank (4010247-BLK1)				Prepared & Analyzed: 07-Jan-04						
1,2,3-Trichlorobenzene	BRL	1.00	ug/kg wet							
1,2,4-Trichlorobenzene	BRL	1.00	ug/kg wet							
1,1,1-Trichloroethane	BRL	1.00	ug/kg wet							
1,1,2-Trichloroethane	BRL	1.00	ug/kg wet							
Trichloroethene	BRL	1.00	ug/kg wet							
Trichlorofluoromethane (Freon 11)	BRL	1.00	ug/kg wet							
1,2,3-Trichloropropane	BRL	1.00	ug/kg wet							
1,2,4-Trimethylbenzene	BRL	1.00	ug/kg wet							
1,3,5-Trimethylbenzene	BRL	1.00	ug/kg wet							
Vinyl chloride	BRL	1.00	ug/kg wet							
m,p-Xylene	BRL	2.00	ug/kg wet							
o-Xylene	BRL	1.00	ug/kg wet							
Surrogate: 4-Bromofluorobenzene	*50.8*		ug/kg wet	*50.0*		*102*	*70-130*			
Surrogate: Toluene-d8	*50.6*		ug/kg wet	*50.0*		*101*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*49.1*		ug/kg wet	*50.0*		*98.2*	*70-130*			
Surrogate: Dibromofluoromethane	*48.8*		ug/kg wet	*50.0*		*97.6*	*70-130*			
Matrix Spike (4010247-MS1)	Source: SA06937-05			Prepared & Analyzed: 07-Jan-04						
Benzene	21.0		ug/kg dry	20.0	BRL	105	70-130			
Chlorobenzene	20.6		ug/kg dry	20.0	BRL	103	70-130			
1,1-Dichloroethene	17.3		ug/kg dry	20.0	BRL	86.5	70-130			
Toluene	25.0		ug/kg dry	20.0	BRL	125	70-130			
Trichloroethene	22.4		ug/kg dry	20.0	BRL	112	70-130			
Surrogate: 4-Bromofluorobenzene	*47.2*		ug/kg dry	*50.0*		*94.4*	*70-130*			
Surrogate: Toluene-d8	*55.2*		ug/kg dry	*50.0*		*110*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*53.2*		ug/kg dry	*50.0*		*106*	*70-130*			
Surrogate: Dibromofluoromethane	*52.0*		ug/kg dry	*50.0*		*104*	*70-130*			
Matrix Spike Dup (4010247-MSD1)	Source: SA06937-05			Prepared: 07-Jan-04 Analyzed: 08-Jan-04						
Benzene	21.0		ug/kg dry	20.0	BRL	105	70-130	0.00	30	
Chlorobenzene	20.7		ug/kg dry	20.0	BRL	104	70-130	0.966	30	
1,1-Dichloroethene	18.2		ug/kg dry	20.0	BRL	91.0	70-130	5.07	30	
Toluene	24.8		ug/kg dry	20.0	BRL	124	70-130	0.803	30	
Trichloroethene	22.6		ug/kg dry	20.0	BRL	113	70-130	0.889	30	
Surrogate: 4-Bromofluorobenzene	*47.5*		ug/kg dry	*50.0*		*95.0*	*70-130*			
Surrogate: Toluene-d8	*54.8*		ug/kg dry	*50.0*		*110*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*52.2*		ug/kg dry	*50.0*		*104*	*70-130*			
Surrogate: Dibromofluoromethane	*49.8*		ug/kg dry	*50.0*		*99.6*	*70-130*			
Batch 4010293 - SW846 5035A										
Blank (4010293-BLK1)				Prepared & Analyzed: 08-Jan-04						
Acetone	BRL	100	ug/kg wet							
Acrylonitrile	BRL	5.00	ug/kg wet							
Benzene	BRL	5.00	ug/kg wet							
Bromobenzene	BRL	5.00	ug/kg wet							
Bromochloromethane	BRL	5.00	ug/kg wet							
Bromodichloromethane	BRL	5.00	ug/kg wet							
Bromoform	BRL	5.00	ug/kg wet							
Bromomethane	BRL	10.0	ug/kg wet							
2-Butanone (MEK)	BRL	50.0	ug/kg wet							
n-Butylbenzene	BRL	5.00	ug/kg wet							
sec-Butylbenzene	BRL	5.00	ug/kg wet							
tert-Butylbenzene	BRL	5.00	ug/kg wet							
Carbon disulfide	BRL	25.0	ug/kg wet							
Carbon tetrachloride	BRL	5.00	ug/kg wet							

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010293 - SW846 5035A										
Blank (4010293-BLK1)				Prepared & Analyzed: 08-Jan-04						
Chlorobenzene	BRL	5.00	ug/kg wet							
Chloroethane	BRL	10.0	ug/kg wet							
Chloroform	BRL	5.00	ug/kg wet							
Chloromethane	BRL	10.0	ug/kg wet							
2-Chlorotoluene	BRL	5.00	ug/kg wet							
4-Chlorotoluene	BRL	5.00	ug/kg wet							
1,2-Dibromo-3-chloropropane	BRL	10.0	ug/kg wet							
Dibromochloromethane	BRL	5.00	ug/kg wet							
1,2-Dibromoethane (EDB)	BRL	5.00	ug/kg wet							
Dibromomethane	BRL	5.00	ug/kg wet							
1,2-Dichlorobenzene	BRL	5.00	ug/kg wet							
1,3-Dichlorobenzene	BRL	5.00	ug/kg wet							
1,4-Dichlorobenzene	BRL	5.00	ug/kg wet							
Dichlorodifluoromethane (Freon12)	BRL	10.0	ug/kg wet							
1,1-Dichloroethane	BRL	5.00	ug/kg wet							
1,2-Dichloroethane	BRL	5.00	ug/kg wet							
1,1-Dichloroethene	BRL	5.00	ug/kg wet							
cis-1,2-Dichloroethene	BRL	5.00	ug/kg wet							
trans-1,2-Dichloroethene	BRL	5.00	ug/kg wet							
1,2-Dichloropropane	BRL	5.00	ug/kg wet							
1,3-Dichloropropane	BRL	5.00	ug/kg wet							
2,2-Dichloropropane	BRL	5.00	ug/kg wet							
1,1-Dichloropropene	BRL	5.00	ug/kg wet							
cis-1,3-Dichloropropene	BRL	5.00	ug/kg wet							
trans-1,3-Dichloropropene	BRL	5.00	ug/kg wet							
Ethylbenzene	BRL	5.00	ug/kg wet							
Hexachlorobutadiene	BRL	5.00	ug/kg wet							
2-Hexanone (MBK)	BRL	50.0	ug/kg wet							
Isopropylbenzene	BRL	5.00	ug/kg wet							
4-Isopropyltoluene	BRL	5.00	ug/kg wet							
Methyl tert-butyl ether	BRL	5.00	ug/kg wet							
4-Methyl-2-pentanone (MIBK)	BRL	50.0	ug/kg wet							
Methylene chloride	BRL	50.0	ug/kg wet							
Naphthalene	BRL	5.00	ug/kg wet							
n-Propylbenzene	BRL	5.00	ug/kg wet							
Styrene	BRL	5.00	ug/kg wet							
1,1,1,2-Tetrachloroethane	BRL	5.00	ug/kg wet							
1,1,2,2-Tetrachloroethane	BRL	5.00	ug/kg wet							
Tetrachloroethene	BRL	5.00	ug/kg wet							
Toluene	BRL	5.00	ug/kg wet							
1,2,3-Trichlorobenzene	BRL	5.00	ug/kg wet							
1,2,4-Trichlorobenzene	BRL	5.00	ug/kg wet							
1,1,1-Trichloroethane	BRL	5.00	ug/kg wet							
1,1,2-Trichloroethane	BRL	5.00	ug/kg wet							
Trichloroethene	BRL	5.00	ug/kg wet							
Trichlorofluoromethane (Freon 11)	BRL	5.00	ug/kg wet							
1,2,3-Trichloropropane	BRL	5.00	ug/kg wet							
1,2,4-Trimethylbenzene	BRL	5.00	ug/kg wet							
1,3,5-Trimethylbenzene	BRL	5.00	ug/kg wet							
Vinyl chloride	BRL	5.00	ug/kg wet							
m,p-Xylene	BRL	10.0	ug/kg wet							
o-Xylene	BRL	5.00	ug/kg wet							
Surrogate: 4-Bromofluorobenzene	*51.4*		ug/kg wet	*50.0*		*103*	*70-130*			
Surrogate: Toluene-d8	*50.6*		ug/kg wet	*50.0*		*101*	*70-130*			

This laboratory report is not valid without an authorized signature on the cover page.

*Reportable Detection Limit BRL = Below Reporting Limit

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010293 - SW846 5035A										
Blank (4010293-BLK1)				Prepared & Analyzed: 08-Jan-04						
Surrogate: 1,2-Dichloroethane-d4	*54.0*		ug/kg wet	*50.0*		*108*	*70-130*			
Surrogate: Dibromofluoromethane	*53.7*		ug/kg wet	*50.0*		*107*	*70-130*			
Batch 4010303 - SW846 5035A										
Blank (4010303-BLK1)				Prepared & Analyzed: 08-Jan-04						
Acetone	BRL	100	ug/kg wet							
Acrylonitrile	BRL	5.00	ug/kg wet							
*Benzene	BRL	5.00	ug/kg wet							
Bromobenzene	BRL	5.00	ug/kg wet							
Bromochloromethane	BRL	5.00	ug/kg wet							
Bromodichloromethane	BRL	5.00	ug/kg wet							
Bromoform	BRL	5.00	ug/kg wet							
Bromomethane	BRL	10.0	ug/kg wet							
2-Butanone (MEK)	BRL	50.0	ug/kg wet							
n-Butylbenzene	BRL	5.00	ug/kg wet							
sec-Butylbenzene	BRL	5.00	ug/kg wet							
tert-Butylbenzene	BRL	5.00	ug/kg wet							
Carbon disulfide	BRL	25.0	ug/kg wet							
Carbon tetrachloride	BRL	5.00	ug/kg wet							
Chlorobenzene	BRL	5.00	ug/kg wet							
Chloroethane	BRL	10.0	ug/kg wet							
Chloroform	BRL	5.00	ug/kg wet							
Chloromethane	BRL	10.0	ug/kg wet							
2-Chlorotoluene	BRL	5.00	ug/kg wet							
4-Chlorotoluene	BRL	5.00	ug/kg wet							
1,2-Dibromo-3-chloropropane	BRL	10.0	ug/kg wet							
Dibromochloromethane	BRL	5.00	ug/kg wet							
1,2-Dibromoethane (EDB)	BRL	5.00	ug/kg wet							
Dibromomethane	BRL	5.00	ug/kg wet							
1,2-Dichlorobenzene	BRL	5.00	ug/kg wet							
1,3-Dichlorobenzene	BRL	5.00	ug/kg wet							
1,4-Dichlorobenzene	BRL	5.00	ug/kg wet							
Dichlorodifluoromethane (Freon12)	BRL	10.0	ug/kg wet							
1,1-Dichloroethane	BRL	5.00	ug/kg wet							
1,2-Dichloroethane	BRL	5.00	ug/kg wet							
1,1-Dichloroethene	BRL	5.00	ug/kg wet							
cis-1,2-Dichloroethene	BRL	5.00	ug/kg wet							
trans-1,2-Dichloroethene	BRL	5.00	ug/kg wet							
1,2-Dichloropropane	BRL	5.00	ug/kg wet							
1,3-Dichloropropane	BRL	5.00	ug/kg wet							
2,2-Dichloropropane	BRL	5.00	ug/kg wet							
1,1-Dichloropropene	BRL	5.00	ug/kg wet							
cis-1,3-Dichloropropene	BRL	5.00	ug/kg wet							
trans-1,3-Dichloropropene	BRL	5.00	ug/kg wet							
Ethylbenzene	BRL	5.00	ug/kg wet							
Hexachlorobutadiene	BRL	5.00	ug/kg wet							
2-Hexanone (MBK)	BRL	50.0	ug/kg wet							
Isopropylbenzene	BRL	5.00	ug/kg wet							
4-Isopropyltoluene	BRL	5.00	ug/kg wet							
Methyl tert-butyl ether	BRL	5.00	ug/kg wet							
4-Methyl-2-pentanone (MIBK)	BRL	50.0	ug/kg wet							
Methylene chloride	BRL	50.0	ug/kg wet							
Naphthalene	BRL	5.00	ug/kg wet							
n-Propylbenzene	BRL	5.00	ug/kg wet							

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010303 - SW846 5035A										
Blank (4010303-BLK1)				Prepared & Analyzed: 08-Jan-04						
Styrene	BRL	5.00	ug/kg wet							
1,1,1,2-Tetrachloroethane	BRL	5.00	ug/kg wet							
1,1,2,2-Tetrachloroethane	BRL	5.00	ug/kg wet							
Tetrachloroethene	BRL	5.00	ug/kg wet							
Toluene	BRL	5.00	ug/kg wet							
1,2,3-Trichlorobenzene	BRL	5.00	ug/kg wet							
1,2,4-Trichlorobenzene	BRL	5.00	ug/kg wet							
1,1,1-Trichloroethane	BRL	5.00	ug/kg wet							
1,1,2-Trichloroethane	BRL	5.00	ug/kg wet							
Trichloroethene	BRL	5.00	ug/kg wet							
Trichlorofluoromethane (Freon 11)	BRL	5.00	ug/kg wet							
1,2,3-Trichloropropane	BRL	5.00	ug/kg wet							
1,2,4-Trimethylbenzene	BRL	5.00	ug/kg wet							
1,3,5-Trimethylbenzene	BRL	5.00	ug/kg wet							
Vinyl chloride	BRL	5.00	ug/kg wet							
m,p-Xylene	BRL	10.0	ug/kg wet							
o-Xylene	BRL	5.00	ug/kg wet							
Surrogate: 4-Bromofluorobenzene	*45.4*		ug/kg wet	*50.0*		*90.8*	*70-130*			
Surrogate: Toluene-d8	*48.1*		ug/kg wet	*50.0*		*96.2*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*51.9*		ug/kg wet	*50.0*		*104*	*70-130*			
Surrogate: Dibromofluoromethane	*50.6*		ug/kg wet	*50.0*		*101*	*70-130*			

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010243 - SW846 3550B										
Blank (4010243-BLK1)				Prepared: 07-Jan-04 Analyzed: 08-Jan-04						
PCB 1016	BRL	39.4	ug/kg wet							
PCB 1221	BRL	39.4	ug/kg wet							
PCB 1232	BRL	39.4	ug/kg wet							
PCB 1242	BRL	39.4	ug/kg wet							
PCB 1248	BRL	39.4	ug/kg wet							
PCB 1254	BRL	39.4	ug/kg wet							
PCB 1260	BRL	39.4	ug/kg wet							
PCB 1262	BRL	39.4	ug/kg wet							
PCB 1268	BRL	39.4	ug/kg wet							
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*31.9*		ug/kg wet	*39.3*		*81.2*	*40-140*			
Surrogate: Decachlorobiphenyl (Sr)	*26.7*		ug/kg wet	*39.3*		*67.9*	*40-140*			
Duplicate (4010243-DUP1)	Source: SA06960-08			Prepared: 07-Jan-04 Analyzed: 08-Jan-04						
PCB 1016	BRL	39.4	ug/kg dry		BRL				40	
PCB 1221	BRL	39.4	ug/kg dry		BRL				40	
PCB 1232	BRL	39.4	ug/kg dry		BRL				40	
PCB 1242	BRL	39.4	ug/kg dry		BRL				40	
PCB 1248	BRL	39.4	ug/kg dry		BRL				40	
PCB 1254	BRL	39.4	ug/kg dry		BRL				40	
PCB 1260	BRL	39.4	ug/kg dry		BRL				40	
PCB 1262	BRL	39.4	ug/kg dry		BRL				40	
PCB 1268	BRL	39.4	ug/kg dry		BRL				40	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*36.3*		ug/kg dry	*39.3*		*92.4*	*40-140*			
Surrogate: Decachlorobiphenyl (Sr)	*28.7*		ug/kg dry	*39.3*		*73.0*	*40-140*			
Matrix Spike (4010243-MS1)	Source: SA06960-08			Prepared: 07-Jan-04 Analyzed: 08-Jan-04						
PCB 1016	584	39.2	ug/kg dry	489	BRL	119	40-140			
PCB 1260	465	39.2	ug/kg dry	489	BRL	95.1	40-140			
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*38.0*		ug/kg dry	*39.1*		*97.2*	*40-140*			
Surrogate: Decachlorobiphenyl (Sr)	*30.1*		ug/kg dry	*39.1*		*77.0*	*40-140*			
Matrix Spike Dup (4010243-MSD1)	Source: SA06960-08			Prepared: 07-Jan-04 Analyzed: 08-Jan-04						
PCB 1016	563	39.3	ug/kg dry	491	BRL	115	40-140	3.42	50	
PCB 1260	477	39.3	ug/kg dry	491	BRL	97.1	40-140	2.08	50	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*37.5*		ug/kg dry	*39.2*		*95.7*	*40-140*			
Surrogate: Decachlorobiphenyl (Sr)	*30.4*		ug/kg dry	*39.2*		*77.6*	*40-140*			

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010242 - SW846 3550B										
Blank (4010242-BLK1)				Prepared: 07-Jan-04 Analyzed: 08-Jan-04						
Acenaphthene	BRL	33.4	ug/kg wet							
Acenaphthylene	BRL	33.4	ug/kg wet							
Aniline	BRL	33.4	ug/kg wet							
Anthracene	BRL	33.4	ug/kg wet							
Azobenzene/Diphenyldiazine	BRL	33.4	ug/kg wet							
Benzidine	BRL	33.4	ug/kg wet							
Benzo (a) anthracene	BRL	33.4	ug/kg wet							
Benzo (a) pyrene	BRL	33.4	ug/kg wet							
Benzo (b) fluoranthene	BRL	33.4	ug/kg wet							
Benzo (g,h,i) perylene	BRL	33.4	ug/kg wet							
Benzo (k) fluoranthene	BRL	33.4	ug/kg wet							
Benzoic acid	BRL	33.4	ug/kg wet							
Benzyl alcohol	BRL	33.4	ug/kg wet							
Bis(2-chloroethoxy)methane	BRL	33.4	ug/kg wet							
Bis(2-chloroethyl)ether	BRL	33.4	ug/kg wet							
Bis(2-chloroisopropyl)ether	BRL	33.4	ug/kg wet							
Bis(2-ethylhexyl)phthalate	BRL	33.4	ug/kg wet							
4-Bromophenyl phenyl ether	BRL	33.4	ug/kg wet							
Butyl benzyl phthalate	BRL	33.4	ug/kg wet							
Carbazole	BRL	33.4	ug/kg wet							
4-Chloro-3-methylphenol	BRL	33.4	ug/kg wet							
4-Chloroaniline	BRL	33.4	ug/kg wet							
2-Chloronaphthalene	BRL	33.4	ug/kg wet							
2-Chlorophenol	BRL	33.4	ug/kg wet							
4-Chlorophenyl phenyl ether	BRL	33.4	ug/kg wet							
Chrysene	BRL	33.4	ug/kg wet							
Dibenzo (a,h) anthracene	BRL	33.4	ug/kg wet							
Dibenzofuran	BRL	33.4	ug/kg wet							
1,2-Dichlorobenzene	BRL	33.4	ug/kg wet							
1,3-Dichlorobenzene	BRL	33.4	ug/kg wet							
1,4-Dichlorobenzene	BRL	33.4	ug/kg wet							
3,3'-Dichlorobenzidine	BRL	33.4	ug/kg wet							
2,4-Dichlorophenol	BRL	33.4	ug/kg wet							
Diethyl phthalate	BRL	33.4	ug/kg wet							
Dimethyl phthalate	BRL	33.4	ug/kg wet							
2,4-Dimethylphenol	BRL	33.4	ug/kg wet							
Di-n-butyl phthalate	BRL	33.4	ug/kg wet							
4,6-Dinitro-2-methylphenol	BRL	33.4	ug/kg wet							
2,4-Dinitrophenol	BRL	33.4	ug/kg wet							
2,4-Dinitrotoluene	BRL	33.4	ug/kg wet							
2,6-Dinitrotoluene	BRL	33.4	ug/kg wet							
Di-n-octyl phthalate	BRL	33.4	ug/kg wet							
Fluoranthene	BRL	33.4	ug/kg wet							
Fluorene	BRL	33.4	ug/kg wet							
Hexachlorobenzene	BRL	33.4	ug/kg wet							
Hexachlorobutadiene	BRL	33.4	ug/kg wet							
Hexachlorocyclopentadiene	BRL	33.4	ug/kg wet							
Hexachloroethane	BRL	33.4	ug/kg wet							
Indeno (1,2,3-cd) pyrene	BRL	33.4	ug/kg wet							
1-Methylnaphthalene	BRL	33.3	ug/kg wet							
Isophorone	BRL	33.4	ug/kg wet							
2-Methylnaphthalene	BRL	33.4	ug/kg wet							
2-Methylphenol	BRL	33.4	ug/kg wet							
3-Methylphenol	BRL	33.4	ug/kg wet							

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010242 - SW846 3550B										
Blank (4010242-BLK1)				Prepared: 07-Jan-04 Analyzed: 08-Jan-04						
4-Methylphenol	BRL	33.4	ug/kg wet							
Naphthalene	BRL	33.4	ug/kg wet							
2-Nitroaniline	BRL	33.4	ug/kg wet							
3-Nitroaniline	BRL	33.4	ug/kg wet							
4-Nitroaniline	BRL	33.4	ug/kg wet							
Nitrobenzene	BRL	33.4	ug/kg wet							
2-Nitrophenol	BRL	33.4	ug/kg wet							
4-Nitrophenol	BRL	33.4	ug/kg wet							
N-Nitrosodimethylamine	BRL	33.4	ug/kg wet							
N-Nitrosodi-n-propylamine	BRL	33.4	ug/kg wet							
N-Nitrosodiphenylamine	BRL	33.4	ug/kg wet							
Pentachlorophenol	BRL	33.4	ug/kg wet							
Phenanthrene	BRL	33.4	ug/kg wet							
Phenol	BRL	33.4	ug/kg wet							
Pyrene	BRL	33.4	ug/kg wet							
Pyridine	BRL	33.4	ug/kg wet							
1,2,4-Trichlorobenzene	BRL	33.4	ug/kg wet							
2,4,5-Trichlorophenol	BRL	33.4	ug/kg wet							
2,4,6-Trichlorophenol	BRL	33.4	ug/kg wet							
Surrogate: 2-Fluorobiphenyl	*1770*		ug/kg wet	*3330*		*53.2*	*30-130*			
Surrogate: 2-Fluorophenol	*2260*		ug/kg wet	*3330*		*67.9*	*15-110*			
Surrogate: Nitrobenzene-d5	*3370*		ug/kg wet	*3330*		*101*	*30-130*			
Surrogate: Phenol-d5	*2000*		ug/kg wet	*3330*		*60.1*	*15-110*			
Surrogate: Terphenyl-dl4	*2330*		ug/kg wet	*3330*		*70.0*	*30-130*			
Surrogate: 2,4,6-Tribromophenol	*3670*		ug/kg wet	*3330*		*110*	*15-110*			
Duplicate (4010242-DUP1)		Source: SA06960-08		Prepared: 07-Jan-04 Analyzed: 08-Jan-04						
Acenaphthene	BRL	172	ug/kg dry		BRL				50	
Acenaphthylene	BRL	172	ug/kg dry		BRL				50	
Aniline	BRL	172	ug/kg dry		BRL				50	
Anthracene	BRL	172	ug/kg dry		BRL				50	
Azobenzene/Diphenyldiazine	BRL	172	ug/kg dry		BRL				50	
Benzidine	BRL	172	ug/kg dry		BRL				50	
Benzo (a) anthracene	BRL	172	ug/kg dry		BRL				50	
Benzo (a) pyrene	BRL	172	ug/kg dry		48.3				50	
Benzo (b) fluoranthene	BRL	172	ug/kg dry		BRL				50	
Benzo (g,h,i) perylene	BRL	172	ug/kg dry		BRL				50	
Benzo (k) fluoranthene	BRL	172	ug/kg dry		BRL				50	
Benzoic acid	BRL	172	ug/kg dry		BRL				50	
Benzyl alcohol	BRL	172	ug/kg dry		BRL				50	
Bis(2-chloroethoxy)methane	BRL	172	ug/kg dry		BRL				50	
Bis(2-chloroethyl)ether	BRL	172	ug/kg dry		BRL				50	
Bis(2-chloroisopropyl)ether	BRL	172	ug/kg dry		BRL				50	
Bis(2-ethylhexyl)phthalate	BRL	172	ug/kg dry		BRL				50	
4-Bromophenyl phenyl ether	BRL	172	ug/kg dry		BRL				50	
Butyl benzyl phthalate	BRL	172	ug/kg dry		BRL				50	
Carbazole	BRL	172	ug/kg dry		BRL				50	
4-Chloro-3-methylphenol	BRL	172	ug/kg dry		BRL				50	
4-Chloroaniline	BRL	172	ug/kg dry		BRL				50	
2-Chloronaphthalene	BRL	172	ug/kg dry		BRL				50	
2-Chlorophenol	BRL	172	ug/kg dry		BRL				50	
4-Chlorophenyl phenyl ether	BRL	172	ug/kg dry		BRL				50	
Chrysene	BRL	172	ug/kg dry		48.3				50	
Dibenzo (a,h) anthracene	BRL	172	ug/kg dry		BRL				50	

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010242 - SW846 3550B										
Duplicate (4010242-DUP1)	Source: SA06960-08			Prepared: 07-Jan-04 Analyzed: 08-Jan-04						
Dibenzofuran	BRL	172	ug/kg dry		BRL				50	
1,2-Dichlorobenzene	BRL	172	ug/kg dry		1.72			0.00	50	
1,3-Dichlorobenzene	BRL	172	ug/kg dry		BRL				50	
1,4-Dichlorobenzene	BRL	172	ug/kg dry		BRL				50	
3,3'-Dichlorobenzidine	BRL	172	ug/kg dry		BRL				50	
2,4-Dichlorophenol	BRL	172	ug/kg dry		BRL				50	
Diethyl phthalate	BRL	172	ug/kg dry		BRL				50	
Dimethyl phthalate	BRL	172	ug/kg dry		BRL				50	
2,4-Dimethylphenol	BRL	172	ug/kg dry		BRL				50	
Di-n-butyl phthalate	BRL	172	ug/kg dry		BRL				50	
4,6-Dinitro-2-methylphenol	BRL	172	ug/kg dry		BRL				50	
2,4-Dinitrophenol	BRL	172	ug/kg dry		129			42.0	50	
2,4-Dinitrotoluene	BRL	172	ug/kg dry		BRL				50	
2,6-Dinitrotoluene	BRL	172	ug/kg dry		BRL				50	
Di-n-octyl phthalate	BRL	172	ug/kg dry		BRL				50	
Fluoranthene	BRL	172	ug/kg dry		BRL				50	
Fluorene	BRL	172	ug/kg dry		BRL				50	
Hexachlorobenzene	BRL	172	ug/kg dry		BRL				50	
Hexachlorobutadiene	BRL	172	ug/kg dry		BRL				50	
Hexachlorocyclopentadiene	BRL	172	ug/kg dry		BRL				50	
Hexachloroethane	BRL	172	ug/kg dry		BRL				50	
Indeno (1,2,3-cd) pyrene	BRL	172	ug/kg dry		BRL				50	
1-Methylnaphthalene	BRL	172	ug/kg dry		BRL				50	
Isophorone	BRL	172	ug/kg dry		BRL				50	
2-Methylnaphthalene	BRL	172	ug/kg dry		BRL				50	
2-Methylphenol	BRL	172	ug/kg dry		BRL				50	
3-Methylphenol	BRL	172	ug/kg dry		BRL				50	
4-Methylphenol	BRL	172	ug/kg dry		BRL				50	
Naphthalene	BRL	172	ug/kg dry		BRL				50	
2-Nitroaniline	BRL	172	ug/kg dry		BRL				50	
3-Nitroaniline	BRL	172	ug/kg dry		BRL				50	
4-Nitroaniline	BRL	172	ug/kg dry		BRL				50	
Nitrobenzene	BRL	172	ug/kg dry		BRL				50	
2-Nitrophenol	BRL	172	ug/kg dry		BRL				50	
4-Nitrophenol	BRL	172	ug/kg dry		BRL				50	
N-Nitrosodimethylamine	BRL	172	ug/kg dry		BRL				50	
N-Nitrosodi-n-propylamine	BRL	172	ug/kg dry		BRL				50	
N-Nitrosodiphenylamine	BRL	172	ug/kg dry		BRL				50	
Pentachlorophenol	BRL	172	ug/kg dry		BRL				50	
Phenanthrene	BRL	172	ug/kg dry		BRL				50	
Phenol	BRL	172	ug/kg dry		BRL				50	
Pyrene	BRL	172	ug/kg dry		BRL				50	
Pyridine	BRL	172	ug/kg dry		BRL				50	
1,2,4-Trichlorobenzene	BRL	172	ug/kg dry		BRL				50	
2,4,5-Trichlorophenol	BRL	172	ug/kg dry		BRL				50	
2,4,6-Trichlorophenol	BRL	172	ug/kg dry		BRL				50	
Surrogate: 2-Fluorobiphenyl	*4600*		ug/kg dry	*8600*		*53.5*	*30-130*			
Surrogate: 2-Fluorophenol	*5330*		ug/kg dry	*8600*		*62.0*	*15-110*			
Surrogate: Nitrobenzene-d5	*3870*		ug/kg dry	*8600*		*45.0*	*30-130*			
Surrogate: Phenol-d5	*4830*		ug/kg dry	*8600*		*56.2*	*15-110*			
Surrogate: Terphenyl-d14	*5450*		ug/kg dry	*8600*		*63.4*	*30-130*			
Surrogate: 2,4,6-Tribromophenol	*8450*		ug/kg dry	*8600*		*98.3*	*15-110*			
Matrix Spike (4010242-MS1)	Source: SA06960-08			Prepared: 07-Jan-04 Analyzed: 08-Jan-04						

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010242 - SW846 3550B										
Matrix Spike (4010242-MS1)	Source: SA06960-08			Prepared: 07-Jan-04 Analyzed: 08-Jan-04						
Acenaphthene	10700	170	ug/kg dry	17000	BRL	62.9	40-140			
4-Chloro-3-methylphenol	21400	170	ug/kg dry	33900	BRL	63.1	30-130			
2-Chlorophenol	19600	170	ug/kg dry	33900	BRL	57.8	30-130			
1,4-Dichlorobenzene	9660	170	ug/kg dry	17000	BRL	56.8	40-140			
2,4-Dinitrotoluene	7910	170	ug/kg dry	17000	BRL	46.5	40-140			
4-Nitrophenol	21800	170	ug/kg dry	33900	BRL	64.3	30-130			
N-Nitrosodi-n-propylamine	9350	170	ug/kg dry	17000	BRL	55.0	40-140			
Pentachlorophenol	21100	170	ug/kg dry	33900	BRL	62.2	30-130			
Phenol	19900	170	ug/kg dry	33900	BRL	58.7	30-130			
Pyrene	11200	170	ug/kg dry	17000	BRL	65.9	40-140			
1,2,4-Trichlorobenzene	10500	170	ug/kg dry	17000	BRL	61.8	40-140			
Surrogate: 2-Fluorobiphenyl	*9490*		ug/kg dry	*17000*		*55.8*	*30-130*			
Surrogate: 2-Fluorophenol	*9780*		ug/kg dry	*17000*		*57.5*	*15-110*			
Surrogate: Nitrobenzene-d5	*8290*		ug/kg dry	*17000*		*48.8*	*30-130*			
Surrogate: Phenol-d5	*8810*		ug/kg dry	*17000*		*51.8*	*15-110*			
Surrogate: Terphenyl-dl4	*11600*		ug/kg dry	*17000*		*68.2*	*30-130*			
Surrogate: 2,4,6-Tribromophenol	*17900*		ug/kg dry	*17000*		*105*	*15-110*			
Matrix Spike Dup (4010242-MSD1)	Source: SA06960-08			Prepared: 07-Jan-04 Analyzed: 08-Jan-04						
Acenaphthene	10700	171	ug/kg dry	17100	BRL	62.6	40-140	0.478	30	
4-Chloro-3-methylphenol	21900	171	ug/kg dry	34100	BRL	64.2	30-130	1.73	30	
2-Chlorophenol	19900	171	ug/kg dry	34100	BRL	58.4	30-130	1.03	30	
1,4-Dichlorobenzene	10000	171	ug/kg dry	17100	BRL	58.5	40-140	2.95	30	
2,4-Dinitrotoluene	8190	171	ug/kg dry	17100	BRL	47.9	40-140	2.97	30	
4-Nitrophenol	22600	171	ug/kg dry	34100	BRL	66.3	30-130	3.06	30	
N-Nitrosodi-n-propylamine	9490	171	ug/kg dry	17100	BRL	55.5	40-140	0.905	30	
Pentachlorophenol	21500	171	ug/kg dry	34100	BRL	63.0	30-130	1.28	30	
Phenol	20000	171	ug/kg dry	34100	BRL	58.7	30-130	0.00	30	
Pyrene	11300	171	ug/kg dry	17100	BRL	66.1	40-140	0.303	30	
1,2,4-Trichlorobenzene	10700	171	ug/kg dry	17100	BRL	62.6	40-140	1.29	30	
Surrogate: 2-Fluorobiphenyl	*9380*		ug/kg dry	*17100*		*54.9*	*30-130*			
Surrogate: 2-Fluorophenol	*9820*		ug/kg dry	*17100*		*57.4*	*15-110*			
Surrogate: Nitrobenzene-d5	*8280*		ug/kg dry	*17100*		*48.4*	*30-130*			
Surrogate: Phenol-d5	*8840*		ug/kg dry	*17100*		*51.7*	*15-110*			
Surrogate: Terphenyl-dl4	*11300*		ug/kg dry	*17100*		*66.1*	*30-130*			
Surrogate: 2,4,6-Tribromophenol	*17400*		ug/kg dry	*17100*		*102*	*15-110*			

Total Metals by EPA 6000/7000 Series Methods, Prepared by SW846 3050B - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010278 - EPA200/SW7000 Series										
Blank (4010278-BLK1)				Prepared: 07-Jan-04 Analyzed: 08-Jan-04						
Mercury	BRL	0.0010	mg/kg wet							
LCS (4010278-BS1)				Prepared: 07-Jan-04 Analyzed: 08-Jan-04						
Mercury	0.949	0.179	mg/kg wet	0.893		106	80-120			
Duplicate (4010278-DUP1)	Source: SA06895-01			Prepared: 07-Jan-04 Analyzed: 08-Jan-04						
Mercury	BRL	0.186	mg/kg dry		BRL				35	
Duplicate (4010278-DUP2)	Source: SA06960-06			Prepared: 07-Jan-04 Analyzed: 08-Jan-04						
Mercury	BRL	0.193	mg/kg dry		BRL				35	
Matrix Spike (4010278-MS1)	Source: SA06895-01			Prepared: 07-Jan-04 Analyzed: 08-Jan-04						
Mercury	0.412	0.169	mg/kg dry	0.393	BRL	105	75-125			
Matrix Spike (4010278-MS2)	Source: SA06960-07			Prepared: 07-Jan-04 Analyzed: 08-Jan-04						
Mercury	0.530	0.189	mg/kg dry	0.440	BRL	120	75-125			
Matrix Spike Dup (4010278-MSD1)	Source: SA06895-01			Prepared: 07-Jan-04 Analyzed: 08-Jan-04						
Mercury	0.450	0.182	mg/kg dry	0.423	BRL	106	75-125	8.82	35	
Matrix Spike Dup (4010278-MSD2)	Source: SA06960-07			Prepared: 07-Jan-04 Analyzed: 08-Jan-04						
Mercury	0.568	0.197	mg/kg dry	0.459	BRL	124	75-125	6.92	35	

Total Metals by EPA 200 Series Methods - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010277 - EPA 200 Series										
Blank (4010277-BLK1)				Prepared: 07-Jan-04 Analyzed: 08-Jan-04						
Aluminum	0.0494	0.0300	mg/kg wet							QB-01
Antimony	BRL	0.0300	mg/kg wet							
Iron	0.0588	0.0100	mg/kg wet							QB-01
Magnesium	BRL	0.0500	mg/kg wet							
Manganese	BRL	0.0020	mg/kg wet							
Nickel	BRL	0.0100	mg/kg wet							
Potassium	BRL	5.50	mg/kg wet							
Selenium	BRL	0.0300	mg/kg wet							
Silver	BRL	0.0200	mg/kg wet							
Sodium	BRL	8.75	mg/kg wet							
Thallium	BRL	0.0300	mg/kg wet							
Vanadium	BRL	0.0100	mg/kg wet							
Zinc	BRL	0.480	mg/kg wet							
Arsenic	BRL	0.0300	mg/kg wet							
Beryllium	BRL	0.0040	mg/kg wet							
Cadmium	BRL	0.0050	mg/kg wet							
Calcium	0.115	0.100	mg/kg wet							QB-01
Chromium	BRL	0.0100	mg/kg wet							
Cobalt	BRL	0.0100	mg/kg wet							
Copper	BRL	0.0100	mg/kg wet							
Lead	BRL	0.0150	mg/kg wet							
Barium	BRL	0.0100	mg/kg wet							
LCS (4010277-BS1)				Prepared: 07-Jan-04 Analyzed: 08-Jan-04						
Aluminum	0.963	0.0300	mg/kg wet	1.00		96.3	85-115			
Antimony	1.00	0.0300	mg/kg wet	1.00		100	85-115			
Iron	0.985	0.0100	mg/kg wet	1.00		98.5	85-115			
Magnesium	1.01	0.0500	mg/kg wet	1.00		101	85-115			
Manganese	0.963	0.0020	mg/kg wet	1.00		96.3	85-115			
Nickel	1.00	0.0100	mg/kg wet	1.00		100	85-115			
Potassium	99.0	0.200	mg/kg wet	100		99.0	85-115			
Selenium	1.07	0.0300	mg/kg wet	1.00		107	85-115			
Silver	0.964	0.0400	mg/kg wet	1.00		96.4	85-115			
Sodium	9.57	0.100	mg/kg wet	10.0		95.7	85-115			
Thallium	1.00	0.0300	mg/kg wet	1.00		100	85-115			
Vanadium	0.950	0.0100	mg/kg wet	1.00		95.0	85-115			
Zinc	1.02	0.0100	mg/kg wet	1.00		102	85-115			
Arsenic	1.03	0.0300	mg/kg wet	1.00		103	85-115			
Beryllium	0.967	0.0040	mg/kg wet	1.00		96.7	85-115			
Cadmium	1.01	0.0050	mg/kg wet	1.00		101	85-115			
Calcium	0.978	0.100	mg/kg wet	1.00		97.8	85-115			
Chromium	0.964	0.0100	mg/kg wet	1.00		96.4	85-115			
Cobalt	0.981	0.0100	mg/kg wet	1.00		98.1	85-115			
Copper	0.979	0.0100	mg/kg wet	1.00		97.9	85-115			
Lead	0.982	0.0150	mg/kg wet	1.00		98.2	85-115			
Barium	0.955	0.0100	mg/kg wet	1.00		95.5	85-115			
Duplicate (4010277-DUP1)		Source: SA06895-01		Prepared: 07-Jan-04 Analyzed: 08-Jan-04						
Aluminum	3090	3.13	mg/kg dry		3560			14.1	200	
Antimony	BRL	3.13	mg/kg dry		BRL				200	
Iron	5380	1.04	mg/kg dry		5350			0.559	200	
Magnesium	1020	5.22	mg/kg dry		1100			7.55	200	
Manganese	45.8	0.209	mg/kg dry		54.6			17.5	200	
Nickel	4.02	1.04	mg/kg dry		5.32			27.8	200	
Potassium	BRL	574	mg/kg dry		618			28.9	200	

Total Metals by EPA 200 Series Methods - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010277 - EPA 200 Series										
Duplicate (4010277-DUP1)	Source: SA06895-01			Prepared: 07-Jan-04 Analyzed: 08-Jan-04						
Selenium	BRL	3.13	mg/kg dry		BRL				200	
Silver	BRL	2.09	mg/kg dry		BRL				200	
Sodium	BRL	914	mg/kg dry		455			2.90	200	
Thallium	BRL	3.13	mg/kg dry		BRL				200	
Vanadium	7.83	1.04	mg/kg dry		8.08			3.14	200	
Zinc	BRL	50.1	mg/kg dry		12.4			9.28	200	
Arsenic	BRL	3.13	mg/kg dry		BRL				200	
Beryllium	BRL	0.418	mg/kg dry		BRL				200	
Cadmium	BRL	0.522	mg/kg dry		0.184			15.8	20	
Calcium	420	10.4	mg/kg dry		372			12.1	200	
Chromium	4.83	1.04	mg/kg dry		5.09			5.24	200	
Cobalt	2.15	1.04	mg/kg dry		2.56			17.4	200	
Copper	5.07	1.04	mg/kg dry		7.13			33.8	200	
Lead	1.71	1.57	mg/kg dry		3.94			78.9	200	
Barium	18.3	1.04	mg/kg dry		19.5			6.35	200	
Duplicate (4010277-DUP2)	Source: SA06960-06			Prepared: 07-Jan-04 Analyzed: 08-Jan-04						
Aluminum	6060	3.26	mg/kg dry		9930			48.4	200	
Antimony	BRL	3.26	mg/kg dry		BRL				200	
Iron	14500	21.8	mg/kg dry		24900			52.8	200	
Magnesium	2670	5.44	mg/kg dry		5420			68.0	200	
Manganese	330	0.218	mg/kg dry		551			50.2	200	
Nickel	22.1	1.09	mg/kg dry		32.3			37.5	200	
Potassium	BRL	598	mg/kg dry		453			60.7	200	
Selenium	BRL	3.26	mg/kg dry		BRL				200	
Silver	BRL	2.18	mg/kg dry		BRL				200	
Sodium	BRL	952	mg/kg dry		305			35.1	200	
Thallium	BRL	3.26	mg/kg dry		BRL				200	
Vanadium	6.03	1.09	mg/kg dry		9.45			44.2	200	
Zinc	447	1.09	mg/kg dry		585			26.7	200	
Arsenic	BRL	3.26	mg/kg dry		2.77			32.3	200	
Beryllium	BRL	0.435	mg/kg dry		0.390			52.4	200	
Cadmium	0.707	0.544	mg/kg dry		1.15			47.7	20	QM-04
Calcium	6850	218	mg/kg dry		21400			103	200	
Chromium	51.2	1.09	mg/kg dry		74.1			36.6	200	
Cobalt	5.71	1.09	mg/kg dry		8.65			40.9	200	
Copper	15.6	1.09	mg/kg dry		22.4			35.8	200	
Lead	4.63	1.63	mg/kg dry		7.66			49.3	200	
Barium	32.2	1.09	mg/kg dry		49.5			42.4	200	
Matrix Spike (4010277-MS1)	Source: SA06895-01			Prepared: 07-Jan-04 Analyzed: 08-Jan-04						
Aluminum	4500	3.11	mg/kg dry	104	3560	904	70-130			QM-02
Antimony	104	3.11	mg/kg dry	104	BRL	100	70-130			
Iron	5620	1.04	mg/kg dry	104	5350	260	70-130			QM-02
Magnesium	1230	5.19	mg/kg dry	104	1100	125	70-130			
Manganese	154	0.208	mg/kg dry	104	54.6	95.6	70-130			
Nickel	104	1.04	mg/kg dry	104	5.32	94.9	70-130			
Potassium	1160	20.8	mg/kg dry	1040	618	52.1	70-130			QM-4X
Selenium	119	3.11	mg/kg dry	104	BRL	114	70-130			
Silver	47.9	2.08	mg/kg dry	51.9	BRL	92.3	70-130			
Sodium	709	10.4	mg/kg dry	104	455	244	70-130			QM-4X
Thallium	100	3.11	mg/kg dry	104	BRL	96.2	70-130			
Vanadium	103	1.04	mg/kg dry	104	8.08	91.3	70-130			
Zinc	115	1.04	mg/kg dry	104	12.4	98.7	70-130			
Arsenic	106	3.11	mg/kg dry	104	BRL	102	70-130			

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010277 - EPA 200 Series										
Matrix Spike (4010277-MS1)	Source: SA06895-01			Prepared: 07-Jan-04 Analyzed: 08-Jan-04						
Beryllium	101	0.415	mg/kg dry	104	BRL	97.1	70-130			
Cadmium	102	0.519	mg/kg dry	104	0.184	97.9	70-130			
Calcium	433	10.4	mg/kg dry	104	372	58.7	70-130			QM-4X
Chromium	101	1.04	mg/kg dry	104	5.09	92.2	70-130			
Cobalt	106	1.04	mg/kg dry	104	2.56	99.5	70-130			
Copper	130	1.04	mg/kg dry	104	7.13	118	70-130			
Lead	98.3	1.56	mg/kg dry	104	3.94	90.7	70-130			
Barium	115	1.04	mg/kg dry	104	19.5	91.8	70-130			
Matrix Spike (4010277-MS2)	Source: SA06960-07			Prepared: 07-Jan-04 Analyzed: 08-Jan-04						
Aluminum	7890	3.43	mg/kg dry	114	8160	NR	70-130			QM-02
Antimony	113	3.43	mg/kg dry	114	BRL	99.1	70-130			
Iron	24200	1.14	mg/kg dry	114	20500	NR	70-130			QM-02
Magnesium	3850	5.71	mg/kg dry	114	3760	78.9	70-130			
Manganese	525	0.228	mg/kg dry	114	423	89.5	70-130			
Nickel	167	1.14	mg/kg dry	114	69.5	85.5	70-130			
Potassium	1330	22.8	mg/kg dry	1140	300	90.4	70-130			
Selenium	126	3.43	mg/kg dry	114	BRL	111	70-130			
Silver	50.4	2.28	mg/kg dry	57.1	BRL	88.3	70-130			
Sodium	378	11.4	mg/kg dry	114	215	143	70-130			QM-07
Thallium	97.3	3.43	mg/kg dry	114	BRL	85.4	70-130			
Vanadium	106	1.14	mg/kg dry	114	6.74	87.1	70-130			
Zinc	2430	1.14	mg/kg dry	114	1840	518	70-130			QM-4X
Arsenic	118	3.43	mg/kg dry	114	4.29	99.7	70-130			
Beryllium	105	0.457	mg/kg dry	114	0.304	91.8	70-130			
Cadmium	104	0.571	mg/kg dry	114	1.25	90.1	70-130			
Calcium	15400	11.4	mg/kg dry	114	9240	NR	70-130			QM-02
Chromium	322	1.14	mg/kg dry	114	174	130	70-130			
Cobalt	102	1.14	mg/kg dry	114	9.47	81.2	70-130			
Copper	139	1.14	mg/kg dry	114	38.7	88.0	70-130			
Lead	104	1.71	mg/kg dry	114	10.7	81.8	70-130			
Barium	146	1.14	mg/kg dry	114	37.7	95.0	70-130			
Reference (4010277-SRM1)				Prepared: 07-Jan-04 Analyzed: 08-Jan-04						
Aluminum	55.4	0.0300	mg/kg wet	59.6		93.0	85-115			
Nickel	0.476	0.0100	mg/kg wet	0.457		104	85-115			
Silver	0.194	0.0200	mg/kg wet	0.207		93.7	85-115			
Thallium	0.480	0.0300	mg/kg wet	0.517		92.8	85-115			
Vanadium	0.554	0.0100	mg/kg wet	0.639		86.7	85-115			
Zinc	6.07	0.0100	mg/kg wet	6.24		97.3	85-115			
Arsenic	0.738	0.0300	mg/kg wet	0.681		108	85-115			
Beryllium	0.0690	0.0040	mg/kg wet	0.0647		107	85-115			
Cadmium	1.06	0.0050	mg/kg wet	1.11		95.5	85-115			
Chromium	0.545	0.0100	mg/kg wet	0.518		105	85-115			
Cobalt	0.127	0.0100	mg/kg wet	0.128		99.2	85-115			
Copper	0.665	0.0100	mg/kg wet	0.617		108	85-115			
Lead	1.18	0.0150	mg/kg wet	1.35		87.4	85-115			

General Chemistry Parameters - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010249 - General Preparation										
Duplicate (4010249-DUP1)	Source: SA06960-09			Prepared: 07-Jan-04 Analyzed: 08-Jan-04						
% Solids	87.1		%		85.4			1.97	20	
Batch 4010262 - General Preparation										
Duplicate (4010262-DUP1)	Source: SA06970-05			Prepared: 07-Jan-04 Analyzed: 08-Jan-04						
% Solids	86.2		%		85.8			0.465	20	
Batch 4010351 - General Preparation										
Blank (4010351-BLK1)				Prepared & Analyzed: 08-Jan-04						
Cyanide (total)	BRL	1.00	mg/kg wet							
LCS (4010351-BS1)				Prepared & Analyzed: 08-Jan-04						
Cyanide (total)	9.13	1.00	mg/kg wet	10.0		91.3	90-110			
Batch 4010352 - General Preparation										
Blank (4010352-BLK1)				Prepared: 07-Jan-04 Analyzed: 08-Jan-04						
Hexavalent Chromium	BRL	10.0	mg/kg wet							
LCS (4010352-BS1)				Prepared: 07-Jan-04 Analyzed: 08-Jan-04						
Hexavalent Chromium	19.1	10.0	mg/kg wet	20.0		95.5	90-110			
Duplicate (4010352-DUP1)	Source: SA06960-08			Prepared: 07-Jan-04 Analyzed: 08-Jan-04						
Hexavalent Chromium	BRL	11.3	mg/kg dry		1.06			109	35	QR-01
Matrix Spike (4010352-MS1)	Source: SA06960-08			Prepared: 07-Jan-04 Analyzed: 08-Jan-04						
Hexavalent Chromium	0.448		mg/kg dry	0.500	0.0220	85.2	75-125			Z-2
Reference (4010352-SRM1)				Prepared: 07-Jan-04 Analyzed: 08-Jan-04						
Hexavalent Chromium	61.6	10.0	mg/kg wet	71.1		86.6	63.8-136			
Batch 4010417 - General Preparation										
Blank (4010417-BLK1)				Prepared & Analyzed: 09-Jan-04						
Cyanide (total)	BRL	1.00	mg/kg wet							
LCS (4010417-BS1)				Prepared & Analyzed: 09-Jan-04						
Cyanide (total)	8.05	1.00	mg/kg wet	10.0		80.5	90-110			QL-01
Matrix Spike (4010417-MS1)	Source: SA06960-08			Prepared & Analyzed: 09-Jan-04						
Cyanide (total)	12.3	1.20	mg/kg dry	12.0	BRL	102	75-125			
Matrix Spike Dup (4010417-MSD1)	Source: SA06960-08			Prepared & Analyzed: 09-Jan-04						
Cyanide (total)	12.4	1.19	mg/kg dry	11.9	BRL	104	75-125	0.810	20	
Reference (4010417-SRM1)				Prepared & Analyzed: 09-Jan-04						
Cyanide (total)	51.8	1.00	mg/kg wet	41.8		124	40-160			

Notes and Definitions

QB-01	The method blank contains analyte at a concentration above the MRL; however, concentration is less than 10% of the sample result, which is negligible according to method criteria.
QC-1	Analyte out of acceptance range.
QL-01	Sample results for the QC batch were accepted based on LCS/LCSD percent recoveries and RPD values.
QM-02	The RPD and/or percent recovery for this QC spike sample cannot be accurately calculated due to the high concentration of analyte inherent in the sample.
QM-04	Visual evaluation of the sample indicates the RPD is above the control limit due to a non-homogeneous sample matrix.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM-4X	The spike recovery was outside of QC acceptance limits for the MS and/or MSD due to analyte concentration at 4 times or greater the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits.
QR-01	Analyses are not controlled on RPD values from sample concentrations less than 10 times the reporting limit. QC batch accepted based on LCS and/or LCSD QC results.
S-GC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
vext1	Lab Extracted
vext2	Field Extracted
Z-2	Sample required dilution due to color interference and a post-spike was performed.
Z-2a	Sample required dilution due to color interference and post spike was performed.
BRL	Below Reporting Limit - Analyte NOT DETECTED at or above the reporting limit
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. The RDL is generally 5 to 10 times the MDL. However, it may be nominally chosen within these guidelines to simplify data reporting. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Validated by:
Hanibal C. Tayeh, Ph.D.
Nicole Brown

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Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 24 hrs.
- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Ed Hinchey
ERM
5788 Widewaters Pkwy
DeWitt, N.Y. 13214
Project Mgr.: Ed Hinchey

Invoice To: Same
INV# 2401025 7
2401025 8
P.O. No.: 0013172 RQN:

Project No.: 0013172
Site Name: Axiohm
Location: Ithaca, NY. State: NY
Sampler(s): MR + CW

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH_3OH 8=$NaHSO_4$ 9= ice 10= Methanol

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1=_____ X2=_____ X3=_____

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: VOCs 8260	SVOCs 8270	TAL Metals	PCBs	Cyanide	Hexchrome	QA Reporting Notes:
P069620-01	Axi B-4 (13-14.5)	6 Jan 04	0830	G	SO	9, 8, 10	3	1			X	X	X	X	X	X	
-02	Axi B-5 (3-5)	6 Jan 04	0835								X	X	X		X	X	
-03	Axi B-6 (7-9)		0930								X	X	X		X	X	
-04	Axi B-7 (13-14)		1045								X	X	X	X	X	X	
-05	Axi B-8 (9-11)		1112								X	X	X	X	X	X	
-06	Axi B-9 (11-12.5)		1148								X	X	X	X	X	X	
-07	Axi B-10 (9-11)		1322								X	X	X	X	X	X	
-08	Axi B-11 (5-7)		1400								X	X	X	X	X	X	
-09	Axi B-12 (9-10.7)		1425								X	X	X		X	X	
-10	Axi B-13 (3-5)		1455								X	X	X		X	X	10 VOAs received

* Please analyze trip blank for VOCs
See phone log

State specific reporting standards
If applicable, please list below.

☐ Provide MCP CAM Report
Were all field QC requirements met as per MADEP CAM Section 2.0?
☐ Yes ☐ No
(Response required for CAM report)

☒ Fax results when available to (315) 445-2543
☐ E-mail to _____
EDD Format _____

Condition upon receipt: ☒ Iced ☐ Ambient ☐ °C 4

Relinquished by:	Received by:	Date:	Time:
Nancy Rae Reese		6 Jan 04	1801
FedEx	Sim McEwan	1/7/04	0959

Report Date:
13-Jan-04 11:42

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Laboratory Report

Environmental Resources Management
5788 Widewaters Pkwy
Dewitt, NY 13214
Attn: Ed Hinchey

Project:Axiohm - Ithaca, NY
Project #:0013172

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA07010-01	Axi B-14 (3-5)	Soil	06-Jan-04 15:07	08-Jan-04 09:00
SA07010-02	Axi B-15 (3-5)	Soil	06-Jan-04 15:25	08-Jan-04 09:00
SA07010-03	Axi B-16 (7-9)	Soil	06-Jan-04 15:45	08-Jan-04 09:00
SA07010-04	Axi B-17 (5-6.2)	Soil	06-Jan-04 16:08	08-Jan-04 09:00
SA07010-05	Axi TB (4 Jan 04)	Aqueous	06-Jan-04 15:45	08-Jan-04 09:00
SA07010-06	Axi B-19 (8-8.7)	Soil	07-Jan-04 09:40	08-Jan-04 09:00
SA07010-07	Axi B-20 (6-7.2)	Soil	07-Jan-04 10:15	08-Jan-04 09:00
SA07010-08	Axi B-21 (.5-1.8)	Soil	07-Jan-04 11:10	08-Jan-04 09:00
SA07010-09	Axi B-22 (.5-1.8)	Soil	07-Jan-04 11:30	08-Jan-04 09:00
SA07010-10	Axi B-25 (4-6)	Soil	07-Jan-04 14:13	08-Jan-04 09:00
SA07010-11	Axi B-27 (2.5-4.5)	Soil	07-Jan-04 15:15	08-Jan-04 09:00
SA07010-12	Axi WP1	Wipe	07-Jan-04 16:32	08-Jan-04 09:00
SA07010-13	Axi WP2	Wipe	07-Jan-04 16:46	08-Jan-04 09:00
SA07010-14	Axi WP Blank	Wipe	07-Jan-04 00:00	08-Jan-04 09:00

I attest that all information contained within this report has been reviewed for accuracy and checked against all quality control requirements outlined in each applicable method and meet the requirements of NELAC.
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Massachusetts Certification # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87600
Maine # MA138
New Hampshire # 2538
New York # 11393
Rhode Island # 98
USDA # S-51435

ACCREDITED IN ACCORDANCE WITH nelac

Authorized by:

Hanibal C. Tayeh, Ph.D.
President/Laboratory Director

Please refer to our "Quality" webpage at www.spectrum-analytical.com for a full listing of our current certifications.

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-14 (3-5)	0013172	Soil	06-Jan-04 15:07	08-Jan-04
)A07010-01				

Analyte(s)	*Result*	*RDL/Units	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
VOC Extraction	Field Extracted	N/A	1	VOC	08-Jan-04	08-Jan-04	4010354	ln	
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							VOC10
Acetone	BRL	812 ug/kg dry	50	SW 846 8260B	08-Jan-04	08-Jan-04	4010311	tim	
Acrylonitrile	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
Benzene	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
Bromobenzene	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
Bromochloromethane	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
Bromodichloromethane	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
Bromoform	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
Bromomethane	BRL	81.2 ug/kg dry	50	"	"	"	"	"	
2-Butanone (MEK)	BRL	406 ug/kg dry	50	"	"	"	"	"	
n-Butylbenzene	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
sec-Butylbenzene	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
tert-Butylbenzene	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
Carbon disulfide	BRL	203 ug/kg dry	50	"	"	"	"	"	
Carbon tetrachloride	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
Chlorobenzene	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
Chloroethane	BRL	81.2 ug/kg dry	50	"	"	"	"	"	
Chloroform	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
Chloromethane	BRL	81.2 ug/kg dry	50	"	"	"	"	"	
2-Chlorotoluene	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
4-Chlorotoluene	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	81.2 ug/kg dry	50	"	"	"	"	"	
Dibromochloromethane	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
Dibromomethane	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	81.2 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethane	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloroethane	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethene	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloropropane	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
1,3-Dichloropropane	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
2,2-Dichloropropane	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloropropene	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
Ethylbenzene	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
Hexachlorobutadiene	BRL	40.6 ug/kg dry	50	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-14 (3-5) 3A07010-01	0013172	Soil	06-Jan-04 15:07	08-Jan-04

Analyte(s)	*Result*	*RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							VOC10
2-Hexanone (MBK)	BRL	406 ug/kg dry	50	"	"	"	"	"	
Isopropylbenzene	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
4-Isopropyltoluene	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
Methyl tert-butyl ether	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	406 ug/kg dry	50	"	"	"	"	"	
Methylene chloride	BRL	406 ug/kg dry	50	"	"	"	"	"	
Naphthalene	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
n-Propylbenzene	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
Styrene	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
Tetrachloroethene	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
Toluene	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
Trichloroethene	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
Vinyl chloride	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
m,p-Xylene	BRL	81.2 ug/kg dry	50	"	"	"	"	"	
o-Xylene	BRL	40.6 ug/kg dry	50	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*97.0*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*109*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*106*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*104*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-14 (3-5) A07010-01	0013172	Soil	06-Jan-04 15:07	08-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3550B									
Acenaphthene	BRL	97.5 ug/kg dry	1	SW846 8270C	08-Jan-04	09-Jan-04	4010322	M.B	
Acenaphthylene	BRL	97.5 ug/kg dry	1	"	"	"	"	"	
Aniline	BRL	97.5 ug/kg dry	1	"	"	"	"	"	
Anthracene	BRL	97.5 ug/kg dry	1	"	"	"	"	"	
Azobenzene/Diphenyldiazine	BRL	97.5 ug/kg dry	1	"	"	"	"	"	
Benzidine	BRL	97.5 ug/kg dry	1	"	"	"	"	"	
Benzo (a) anthracene	BRL	97.5 ug/kg dry	1	"	"	"	"	"	
Benzo (a) pyrene	BRL	97.5 ug/kg dry	1	"	"	"	"	"	
Benzo (b) fluoranthene	BRL	97.5 ug/kg dry	1	"	"	"	"	"	
Benzo (g,h,i) perylene	BRL	97.5 ug/kg dry	1	"	"	"	"	"	
Benzo (k) fluoranthene	BRL	97.5 ug/kg dry	1	"	"	"	"	"	
Benzoic acid	BRL	97.5 ug/kg dry	1	"	"	"	"	"	
Benzyl alcohol	BRL	97.5 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroethoxy)methane	BRL	97.5 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroethyl)ether	BRL	97.5 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	BRL	97.5 ug/kg dry	1	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	BRL	97.5 ug/kg dry	1	"	"	"	"	"	
-Bromophenyl phenyl ether	BRL	97.5 ug/kg dry	1	"	"	"	"	"	
Butyl benzyl phthalate	BRL	97.5 ug/kg dry	1	"	"	"	"	"	
Carbazole	BRL	97.5 ug/kg dry	1	"	"	"	"	"	
4-Chloro-3-methylphenol	BRL	97.5 ug/kg dry	1	"	"	"	"	"	
4-Chloroaniline	BRL	97.5 ug/kg dry	1	"	"	"	"	"	
2-Chloronaphthalene	BRL	97.5 ug/kg dry	1	"	"	"	"	"	
2-Chlorophenol	BRL	97.5 ug/kg dry	1	"	"	"	"	"	
4-Chlorophenyl phenyl ether	BRL	97.5 ug/kg dry	1	"	"	"	"	"	
Chrysene	BRL	97.5 ug/kg dry	1	"	"	"	"	"	
Dibenzo (a,h) anthracene	BRL	97.5 ug/kg dry	1	"	"	"	"	"	
Dibenzofuran	BRL	97.5 ug/kg dry	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	97.5 ug/kg dry	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	97.5 ug/kg dry	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	97.5 ug/kg dry	1	"	"	"	"	"	
3,3'-Dichlorobenzidine	BRL	97.5 ug/kg dry	1	"	"	"	"	"	
2,4-Dichlorophenol	BRL	97.5 ug/kg dry	1	"	"	"	"	"	
Diethyl phthalate	BRL	97.5 ug/kg dry	1	"	"	"	"	"	
Dimethyl phthalate	BRL	97.5 ug/kg dry	1	"	"	"	"	"	
2,4-Dimethylphenol	BRL	97.5 ug/kg dry	1	"	"	"	"	"	
Di-n-butyl phthalate	BRL	97.5 ug/kg dry	1	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	BRL	97.5 ug/kg dry	1	"	"	"	"	"	
2,4-Dinitrophenol	BRL	97.5 ug/kg dry	1	"	"	"	"	"	
2,4-Dinitrotoluene	BRL	97.5 ug/kg dry	1	"	"	"	"	"	
,6-Dinitrotoluene	BRL	97.5 ug/kg dry	1	"	"	"	"	"	
Di-n-octyl phthalate	BRL	97.5 ug/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-14 (3-5) 3A07010-01	0013172	Soil	06-Jan-04 15:07	08-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3550B									
Fluoranthene	BRL	97.5 ug/kg dry	1	"	"	"	"	"	
Fluorene	BRL	97.5 ug/kg dry	1	"	"	"	"	"	
Hexachlorobenzene	BRL	97.5 ug/kg dry	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	97.5 ug/kg dry	1	"	"	"	"	"	
Hexachlorocyclopentadiene	BRL	97.5 ug/kg dry	1	"	"	"	"	"	
Hexachloroethane	BRL	97.5 ug/kg dry	1	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	BRL	97.5 ug/kg dry	1	"	"	"	"	"	
1-Methylnaphthalene	BRL	97.4 ug/kg dry	1	"	"	"	"	"	
Isophorone	BRL	97.5 ug/kg dry	1	"	"	"	"	"	
2-Methylnaphthalene	BRL	97.5 ug/kg dry	1	"	"	"	"	"	
2-Methylphenol	BRL	97.5 ug/kg dry	1	"	"	"	"	"	
3-Methylphenol	BRL	97.5 ug/kg dry	1	"	"	"	"	"	
4-Methylphenol	BRL	97.5 ug/kg dry	1	"	"	"	"	"	
Naphthalene	BRL	97.5 ug/kg dry	1	"	"	"	"	"	
2-Nitroaniline	BRL	97.5 ug/kg dry	1	"	"	"	"	"	
3-Nitroaniline	BRL	97.5 ug/kg dry	1	"	"	"	"	"	
4-Nitroaniline	BRL	97.5 ug/kg dry	1	"	"	"	"	"	
Nitrobenzene	BRL	97.5 ug/kg dry	1	"	"	"	"	"	
2-Nitrophenol	BRL	97.5 ug/kg dry	1	"	"	"	"	"	
4-Nitrophenol	BRL	97.5 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodimethylamine	BRL	97.5 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodi-n-propylamine	BRL	97.5 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodiphenylamine	BRL	97.5 ug/kg dry	1	"	"	"	"	"	
Pentachlorophenol	BRL	97.5 ug/kg dry	1	"	"	"	"	"	
Phenanthrene	BRL	97.5 ug/kg dry	1	"	"	"	"	"	
Phenol	BRL	97.5 ug/kg dry	1	"	"	"	"	"	
Pyrene	BRL	97.5 ug/kg dry	1	"	"	"	"	"	
Pyridine	BRL	97.5 ug/kg dry	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	97.5 ug/kg dry	1	"	"	"	"	"	
2,4,5-Trichlorophenol	BRL	97.5 ug/kg dry	1	"	"	"	"	"	
2,4,6-Trichlorophenol	BRL	97.5 ug/kg dry	1	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl	*74.1*	*30-130 %*		"	"	"	"	"	
Surrogate: 2-Fluorophenol	*75.8*	*15-110 %*		"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*64.5*	*30-130 %*		"	"	"	"	"	
Surrogate: Phenol-d5	*72.3*	*15-110 %*		"	"	"	"	"	
Surrogate: Terphenyl-d14	*86.7*	*30-130 %*		"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol	*72.3*	*15-110 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-14 (3-5) A07010-01	0013172	Soil	06-Jan-04 15:07	08-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Total Metals by EPA 6000/7000 Series Methods, Prepared by SW846 3050B									
Mercury	BRL	0.200 mg/kg dry	1	SW846 7471A	08-Jan-04	09-Jan-04	4010350	YP	
Total Metals by EPA 200 Series Methods									
Silver	BRL	2.12 mg/kg dry	1	EPA 200.7	"	08-Jan-04	4010346	CR	
Aluminum	11,700	3.18 mg/kg dry	1	"	"	"	"	"	
Arsenic	BRL	3.18 mg/kg dry	1	"	"	"	"	"	
Barium	64.3	1.06 mg/kg dry	1	"	"	"	"	"	
Beryllium	0.561	0.424 mg/kg dry	1	"	"	"	"	"	
Calcium	33,800	106 mg/kg dry	10	"	"	"	"	"	
Cadmium	0.837	0.530 mg/kg dry	1	"	"	"	"	"	
Cobalt	8.25	1.06 mg/kg dry	1	"	"	"	"	"	
Chromium	15.1	1.06 mg/kg dry	1	"	"	"	"	"	
Copper	25.0	1.06 mg/kg dry	1	"	"	"	"	"	
Iron	30,200	10.6 mg/kg dry	10	"	"	09-Jan-04	"	KS	
Potassium	829	21.2 mg/kg dry	1	"	"	08-Jan-04	"	CR	
Magnesium	9,430	5.30 mg/kg dry	1	"	"	"	"	"	
Manganese	501	0.212 mg/kg dry	1	"	"	"	"	"	
Sodium	130	10.6 mg/kg dry	1	"	"	"	"	"	
Nickel	23.5	1.06 mg/kg dry	1	"	"	"	"	"	
Lead	8.04	1.59 mg/kg dry	1	"	"	"	"	"	
Antimony	BRL	3.18 mg/kg dry	1	"	"	"	"	"	
Selenium	BRL	3.18 mg/kg dry	1	"	"	"	"	"	
Thallium	BRL	3.18 mg/kg dry	1	"	"	"	"	"	
Vanadium	15.3	1.06 mg/kg dry	1	"	"	"	"	"	
Zinc	59.6	1.06 mg/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-14 (3-5) CA07010-01	0013172	Soil	06-Jan-04 15:07	08-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
General Chemistry Parameters									
% Solids	84.8	%	1	SM2540 G Mod.	08-Jan-04	09-Jan-04	4010330	Jn	
Hexavalent Chromium	BRL	11.5 mg/kg dry	1	SW846 3060A	08-Jan-04	09-Jan-04	4010391	aj	
Cyanide (total)	BRL	1.16 mg/kg dry	1	10-204-00-1-A	09-Jan-04	09-Jan-04	4010417	AW	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-14 (3-5) 3A07010-01RE1	0013172	Soil	06-Jan-04 15:07	08-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5035A							
Acetone	BRL	69.9 ug/kg dry	1	SW 846 8260B	09-Jan-04	09-Jan-04	4010367	tim	
Acrylonitrile	BRL	3.50 ug/kg dry	1	"	"	"	"	"	
Benzene	BRL	3.50 ug/kg dry	1	"	"	"	"	"	
Bromobenzene	BRL	3.50 ug/kg dry	1	"	"	"	"	"	
Bromochloromethane	BRL	3.50 ug/kg dry	1	"	"	"	"	"	
Bromodichloromethane	BRL	3.50 ug/kg dry	1	"	"	"	"	"	
Bromoform	BRL	3.50 ug/kg dry	1	"	"	"	"	"	
Bromomethane	BRL	6.99 ug/kg dry	1	"	"	"	"	"	
2-Butanone (MEK)	BRL	35.0 ug/kg dry	1	"	"	"	"	"	
n-Butylbenzene	BRL	3.50 ug/kg dry	1	"	"	"	"	"	
sec-Butylbenzene	BRL	3.50 ug/kg dry	1	"	"	"	"	"	
tert-Butylbenzene	BRL	3.50 ug/kg dry	1	"	"	"	"	"	
Carbon disulfide	BRL	17.5 ug/kg dry	1	"	"	"	"	"	
Carbon tetrachloride	BRL	3.50 ug/kg dry	1	"	"	"	"	"	
Chlorobenzene	BRL	3.50 ug/kg dry	1	"	"	"	"	"	
Chloroethane	BRL	6.99 ug/kg dry	1	"	"	"	"	"	
Chloroform	BRL	3.50 ug/kg dry	1	"	"	"	"	"	
Chloromethane	BRL	6.99 ug/kg dry	1	"	"	"	"	"	
2-Chlorotoluene	BRL	3.50 ug/kg dry	1	"	"	"	"	"	
4-Chlorotoluene	BRL	3.50 ug/kg dry	1	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	6.99 ug/kg dry	1	"	"	"	"	"	
Dibromochloromethane	BRL	3.50 ug/kg dry	1	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	3.50 ug/kg dry	1	"	"	"	"	"	
Dibromomethane	BRL	3.50 ug/kg dry	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	3.50 ug/kg dry	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	3.50 ug/kg dry	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	3.50 ug/kg dry	1	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	6.99 ug/kg dry	1	"	"	"	"	"	
1,1-Dichloroethane	BRL	3.50 ug/kg dry	1	"	"	"	"	"	
1,2-Dichloroethane	BRL	3.50 ug/kg dry	1	"	"	"	"	"	
1,1-Dichloroethene	BRL	3.50 ug/kg dry	1	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	3.50 ug/kg dry	1	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	3.50 ug/kg dry	1	"	"	"	"	"	
1,2-Dichloropropane	BRL	3.50 ug/kg dry	1	"	"	"	"	"	
1,3-Dichloropropane	BRL	3.50 ug/kg dry	1	"	"	"	"	"	
2,2-Dichloropropane	BRL	3.50 ug/kg dry	1	"	"	"	"	"	
1,1-Dichloropropene	BRL	3.50 ug/kg dry	1	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	3.50 ug/kg dry	1	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	3.50 ug/kg dry	1	"	"	"	"	"	
Ethylbenzene	BRL	3.50 ug/kg dry	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	3.50 ug/kg dry	1	"	"	"	"	"	
2-Hexanone (MBK)	BRL	35.0 ug/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-14 (3-5)	0013172	Soil	06-Jan-04 15:07	08-Jan-04
7A07010-01RE1				

Analyte(s)	*Result*	*RDL/Units	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5035A							
Isopropylbenzene	BRL	3.50 ug/kg dry	1	"	"	"	"	"	
4-Isopropyltoluene	BRL	3.50 ug/kg dry	1	"	"	"	"	"	
Methyl tert-butyl ether	BRL	3.50 ug/kg dry	1	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	35.0 ug/kg dry	1	"	"	"	"	"	
Methylene chloride	BRL	35.0 ug/kg dry	1	"	"	"	"	"	
Naphthalene	BRL	3.50 ug/kg dry	1	"	"	"	"	"	
n-Propylbenzene	BRL	3.50 ug/kg dry	1	"	"	"	"	"	
Styrene	BRL	3.50 ug/kg dry	1	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	3.50 ug/kg dry	1	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	3.50 ug/kg dry	1	"	"	"	"	"	
Tetrachloroethene	BRL	3.50 ug/kg dry	1	"	"	"	"	"	
Toluene	BRL	3.50 ug/kg dry	1	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	3.50 ug/kg dry	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	3.50 ug/kg dry	1	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	3.50 ug/kg dry	1	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	3.50 ug/kg dry	1	"	"	"	"	"	
Trichloroethene	BRL	3.50 ug/kg dry	1	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	3.50 ug/kg dry	1	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	3.50 ug/kg dry	1	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	3.50 ug/kg dry	1	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	3.50 ug/kg dry	1	"	"	"	"	"	
Vinyl chloride	BRL	3.50 ug/kg dry	1	"	"	"	"	"	
m,p-Xylene	BRL	6.99 ug/kg dry	1	"	"	"	"	"	
o-Xylene	BRL	3.50 ug/kg dry	1	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*101*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*99.8*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*102*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*107*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-15 (3-5)	0013172	Soil	06-Jan-04 15:25	08-Jan-04
A07010-02				

Analyte(s)	*Result*	*RDL/Units	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
VOC Extraction	Field Extracted	N/A	1	VOC	08-Jan-04	08-Jan-04	4010354	ln	
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							VOC10
Acetone	BRL	884 ug/kg dry	50	SW 846 8260B	08-Jan-04	08-Jan-04	4010311	tim	
Acrylonitrile	BRL	44.2 ug/kg dry	50	"	"	"	"	"	
Benzene	BRL	44.2 ug/kg dry	50	"	"	"	"	"	
Bromobenzene	BRL	44.2 ug/kg dry	50	"	"	"	"	"	
Bromochloromethane	BRL	44.2 ug/kg dry	50	"	"	"	"	"	
Bromodichloromethane	BRL	44.2 ug/kg dry	50	"	"	"	"	"	
Bromoform	BRL	44.2 ug/kg dry	50	"	"	"	"	"	
Bromomethane	BRL	88.4 ug/kg dry	50	"	"	"	"	"	
2-Butanone (MEK)	BRL	442 ug/kg dry	50	"	"	"	"	"	
n-Butylbenzene	BRL	44.2 ug/kg dry	50	"	"	"	"	"	
sec-Butylbenzene	BRL	44.2 ug/kg dry	50	"	"	"	"	"	
tert-Butylbenzene	BRL	44.2 ug/kg dry	50	"	"	"	"	"	
Carbon disulfide	BRL	221 ug/kg dry	50	"	"	"	"	"	
Carbon tetrachloride	BRL	44.2 ug/kg dry	50	"	"	"	"	"	
Chlorobenzene	BRL	44.2 ug/kg dry	50	"	"	"	"	"	
Chloroethane	BRL	88.4 ug/kg dry	50	"	"	"	"	"	
Chloroform	BRL	44.2 ug/kg dry	50	"	"	"	"	"	
Chloromethane	BRL	88.4 ug/kg dry	50	"	"	"	"	"	
2-Chlorotoluene	BRL	44.2 ug/kg dry	50	"	"	"	"	"	
4-Chlorotoluene	BRL	44.2 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	88.4 ug/kg dry	50	"	"	"	"	"	
Dibromochloromethane	BRL	44.2 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	44.2 ug/kg dry	50	"	"	"	"	"	
Dibromomethane	BRL	44.2 ug/kg dry	50	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	44.2 ug/kg dry	50	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	44.2 ug/kg dry	50	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	44.2 ug/kg dry	50	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	88.4 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethane	BRL	44.2 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloroethane	BRL	44.2 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethene	BRL	44.2 ug/kg dry	50	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	44.2 ug/kg dry	50	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	44.2 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloropropane	BRL	44.2 ug/kg dry	50	"	"	"	"	"	
1,3-Dichloropropane	BRL	44.2 ug/kg dry	50	"	"	"	"	"	
2,2-Dichloropropane	BRL	44.2 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloropropene	BRL	44.2 ug/kg dry	50	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	44.2 ug/kg dry	50	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	44.2 ug/kg dry	50	"	"	"	"	"	
Ethylbenzene	BRL	44.2 ug/kg dry	50	"	"	"	"	"	
Hexachlorobutadiene	BRL	44.2 ug/kg dry	50	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-15 (3-5) A07010-02	0013172	Soil	06-Jan-04 15:25	08-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							VOC10
2-Hexanone (MBK)	BRL	442 ug/kg dry	50	"	"	"	"	"	
Isopropylbenzene	BRL	44.2 ug/kg dry	50	"	"	"	"	"	
4-Isopropyltoluene	BRL	44.2 ug/kg dry	50	"	"	"	"	"	
Methyl tert-butyl ether	BRL	44.2 ug/kg dry	50	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	442 ug/kg dry	50	"	"	"	"	"	
Methylene chloride	BRL	442 ug/kg dry	50	"	"	"	"	"	
Naphthalene	BRL	44.2 ug/kg dry	50	"	"	"	"	"	
n-Propylbenzene	BRL	44.2 ug/kg dry	50	"	"	"	"	"	
Styrene	BRL	44.2 ug/kg dry	50	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	44.2 ug/kg dry	50	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	44.2 ug/kg dry	50	"	"	"	"	"	
Tetrachloroethene	BRL	44.2 ug/kg dry	50	"	"	"	"	"	
Toluene	59.7	44.2 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	44.2 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	44.2 ug/kg dry	50	"	"	"	"	"	
1,1,1-Trichloroethane	84.0	44.2 ug/kg dry	50	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	44.2 ug/kg dry	50	"	"	"	"	"	
Trichloroethene	150	44.2 ug/kg dry	50	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	44.2 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	44.2 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	44.2 ug/kg dry	50	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	44.2 ug/kg dry	50	"	"	"	"	"	
Vinyl chloride	BRL	44.2 ug/kg dry	50	"	"	"	"	"	
m,p-Xylene	BRL	88.4 ug/kg dry	50	"	"	"	"	"	
o-Xylene	BRL	44.2 ug/kg dry	50	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*103*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*105*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*106*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*104*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-15 (3-5) A07010-02	0013172	Soil	06-Jan-04 15:25	08-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3550B									
Acenaphthene	BRL	110 ug/kg dry	1	SW846 8270C	08-Jan-04	09-Jan-04	4010322	M.B	
Acenaphthylene	BRL	110 ug/kg dry	1	"	"	"	"	"	
Aniline	BRL	110 ug/kg dry	1	"	"	"	"	"	
Anthracene	BRL	110 ug/kg dry	1	"	"	"	"	"	
Azobenzene/Diphenyldiazine	BRL	110 ug/kg dry	1	"	"	"	"	"	
Benzidine	BRL	110 ug/kg dry	1	"	"	"	"	"	
Benzo (a) anthracene	BRL	110 ug/kg dry	1	"	"	"	"	"	
Benzo (a) pyrene	BRL	110 ug/kg dry	1	"	"	"	"	"	
Benzo (b) fluoranthene	BRL	110 ug/kg dry	1	"	"	"	"	"	
Benzo (g,h,i) perylene	BRL	110 ug/kg dry	1	"	"	"	"	"	
Benzo (k) fluoranthene	BRL	110 ug/kg dry	1	"	"	"	"	"	
Benzoic acid	BRL	110 ug/kg dry	1	"	"	"	"	"	
Benzyl alcohol	BRL	110 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroethoxy)methane	BRL	110 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroethyl)ether	BRL	110 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	BRL	110 ug/kg dry	1	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	BRL	110 ug/kg dry	1	"	"	"	"	"	
4-Bromophenyl phenyl ether	BRL	110 ug/kg dry	1	"	"	"	"	"	
Butyl benzyl phthalate	BRL	110 ug/kg dry	1	"	"	"	"	"	
Carbazole	BRL	110 ug/kg dry	1	"	"	"	"	"	
4-Chloro-3-methylphenol	BRL	110 ug/kg dry	1	"	"	"	"	"	
4-Chloroaniline	BRL	110 ug/kg dry	1	"	"	"	"	"	
2-Chloronaphthalene	BRL	110 ug/kg dry	1	"	"	"	"	"	
2-Chlorophenol	BRL	110 ug/kg dry	1	"	"	"	"	"	
4-Chlorophenyl phenyl ether	BRL	110 ug/kg dry	1	"	"	"	"	"	
Chrysene	BRL	110 ug/kg dry	1	"	"	"	"	"	
Dibenzo (a,h) anthracene	BRL	110 ug/kg dry	1	"	"	"	"	"	
Dibenzofuran	BRL	110 ug/kg dry	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	110 ug/kg dry	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	110 ug/kg dry	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	110 ug/kg dry	1	"	"	"	"	"	
3,3'-Dichlorobenzidine	BRL	110 ug/kg dry	1	"	"	"	"	"	
2,4-Dichlorophenol	BRL	110 ug/kg dry	1	"	"	"	"	"	
Diethyl phthalate	BRL	110 ug/kg dry	1	"	"	"	"	"	
Dimethyl phthalate	BRL	110 ug/kg dry	1	"	"	"	"	"	
2,4-Dimethylphenol	BRL	110 ug/kg dry	1	"	"	"	"	"	
Di-n-butyl phthalate	BRL	110 ug/kg dry	1	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	BRL	110 ug/kg dry	1	"	"	"	"	"	
2,4-Dinitrophenol	BRL	110 ug/kg dry	1	"	"	"	"	"	
2,4-Dinitrotoluene	BRL	110 ug/kg dry	1	"	"	"	"	"	
2,6-Dinitrotoluene	BRL	110 ug/kg dry	1	"	"	"	"	"	
Di-n-octyl phthalate	BRL	110 ug/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-15 (3-5) A07010-02	0013172	Soil	06-Jan-04 15:25	08-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3550B									
Fluoranthene	BRL	110 ug/kg dry	1	"	"	"	"	"	
Fluorene	BRL	110 ug/kg dry	1	"	"	"	"	"	
Hexachlorobenzene	BRL	110 ug/kg dry	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	110 ug/kg dry	1	"	"	"	"	"	
Hexachlorocyclopentadiene	BRL	110 ug/kg dry	1	"	"	"	"	"	
Hexachloroethane	BRL	110 ug/kg dry	1	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	BRL	110 ug/kg dry	1	"	"	"	"	"	
1-Methylnaphthalene	BRL	110 ug/kg dry	1	"	"	"	"	"	
Isophorone	BRL	110 ug/kg dry	1	"	"	"	"	"	
2-Methylnaphthalene	BRL	110 ug/kg dry	1	"	"	"	"	"	
2-Methylphenol	BRL	110 ug/kg dry	1	"	"	"	"	"	
3-Methylphenol	BRL	110 ug/kg dry	1	"	"	"	"	"	
4-Methylphenol	BRL	110 ug/kg dry	1	"	"	"	"	"	
Naphthalene	BRL	110 ug/kg dry	1	"	"	"	"	"	
2-Nitroaniline	BRL	110 ug/kg dry	1	"	"	"	"	"	
3-Nitroaniline	BRL	110 ug/kg dry	1	"	"	"	"	"	
4-Nitroaniline	BRL	110 ug/kg dry	1	"	"	"	"	"	
Nitrobenzene	BRL	110 ug/kg dry	1	"	"	"	"	"	
2-Nitrophenol	BRL	110 ug/kg dry	1	"	"	"	"	"	
4-Nitrophenol	BRL	110 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodimethylamine	BRL	110 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodi-n-propylamine	BRL	110 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodiphenylamine	BRL	110 ug/kg dry	1	"	"	"	"	"	
Pentachlorophenol	BRL	110 ug/kg dry	1	"	"	"	"	"	
Phenanthrene	BRL	110 ug/kg dry	1	"	"	"	"	"	
Phenol	BRL	110 ug/kg dry	1	"	"	"	"	"	
Pyrene	BRL	110 ug/kg dry	1	"	"	"	"	"	
Pyridine	BRL	110 ug/kg dry	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	110 ug/kg dry	1	"	"	"	"	"	
2,4,5-Trichlorophenol	BRL	110 ug/kg dry	1	"	"	"	"	"	
2,4,6-Trichlorophenol	BRL	110 ug/kg dry	1	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl	*43.8*	*30-130 %*		"	"	"	"	"	
Surrogate: 2-Fluorophenol	*47.6*	*15-110 %*		"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*46.0*	*30-130 %*		"	"	"	"	"	
Surrogate: Phenol-d5	*43.2*	*15-110 %*		"	"	"	"	"	
Surrogate: Terphenyl-d14	*43.6*	*30-130 %*		"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol	*52.4*	*15-110 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-15 (3-5) 3A07010-02	0013172	Soil	06-Jan-04 15:25	08-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Total Metals by EPA 6000/7000 Series Methods, Prepared by SW846 3050B									
Mercury	BRL	0.194 mg/kg dry	1	SW846 7471A	08-Jan-04	09-Jan-04	4010350	YP	
Total Metals by EPA 200 Series Methods									
Silver	BRL	2.21 mg/kg dry	1	EPA 200.7	"	08-Jan-04	4010346	CR	
Aluminum	14,000	3.32 mg/kg dry	1	"	"	"	"	"	
Arsenic	BRL	3.32 mg/kg dry	1	"	"	"	"	"	
Barium	103	1.11 mg/kg dry	1	"	"	"	"	"	
Beryllium	0.697	0.442 mg/kg dry	1	"	"	"	"	"	
Calcium	78,700	111 mg/kg dry	10	"	"	"	"	"	
Cadmium	0.885	0.553 mg/kg dry	1	"	"	"	"	"	
Cobalt	8.68	1.11 mg/kg dry	1	"	"	"	"	"	
Chromium	18.6	1.11 mg/kg dry	1	"	"	"	"	"	
Copper	20.3	1.11 mg/kg dry	1	"	"	"	"	"	
Iron	29,100	11.1 mg/kg dry	10	"	"	"	"	"	
Potassium	BRL	1300 mg/kg dry	1	"	"	"	"	"	
Magnesium	12,300	5.53 mg/kg dry	1	"	"	"	"	"	
Manganese	833	0.221 mg/kg dry	1	"	"	"	"	"	
Sodium	262	11.1 mg/kg dry	1	"	"	"	"	"	
Nickel	25.0	1.11 mg/kg dry	1	"	"	"	"	"	
Lead	7.54	1.66 mg/kg dry	1	"	"	"	"	"	
Antimony	BRL	3.32 mg/kg dry	1	"	"	"	"	"	
Selenium	BRL	3.32 mg/kg dry	1	"	"	"	"	"	
Thallium	BRL	3.32 mg/kg dry	1	"	"	"	"	"	
Vanadium	16.7	1.11 mg/kg dry	1	"	"	"	"	"	
Zinc	57.8	1.11 mg/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-15 (3-5) :A07010-02	0013172	Soil	06-Jan-04 15:25	08-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
General Chemistry Parameters									
% Solids	81.2	%	1	SM2540 G Mod.	08-Jan-04	09-Jan-04	4010330	ln	
Hexavalent Chromium	BRL	12.1 mg/kg dry	1	SW846 3060A	08-Jan-04	09-Jan-04	4010391	aj	
Cyanide (total)	BRL	1.21 mg/kg dry	1	10-204-00-1-A	09-Jan-04	09-Jan-04	4010417	AW	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-16 (7-9) SA07010-03	0013172	Soil	06-Jan-04 15:45	08-Jan-04

Analyte(s)	*Result*	*RDL/Units	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
VOC Extraction	Field Extracted	N/A	1	VOC	08-Jan-04	08-Jan-04	4010354	lm	
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							
Acetone	BRL	1840 ug/kg dry	100	SW 846 8260B	08-Jan-04	08-Jan-04	4010311	tim	
Acrylonitrile	BRL	92.2 ug/kg dry	100	"	"	"	"	"	
Benzene	BRL	92.2 ug/kg dry	100	"	"	"	"	"	
Bromobenzene	BRL	92.2 ug/kg dry	100	"	"	"	"	"	
Bromochloromethane	BRL	92.2 ug/kg dry	100	"	"	"	"	"	
Bromodichloromethane	BRL	92.2 ug/kg dry	100	"	"	"	"	"	
Bromoform	BRL	92.2 ug/kg dry	100	"	"	"	"	"	
Bromomethane	BRL	184 ug/kg dry	100	"	"	"	"	"	
2-Butanone (MEK)	BRL	922 ug/kg dry	100	"	"	"	"	"	
n-Butylbenzene	BRL	92.2 ug/kg dry	100	"	"	"	"	"	
sec-Butylbenzene	BRL	92.2 ug/kg dry	100	"	"	"	"	"	
tert-Butylbenzene	BRL	92.2 ug/kg dry	100	"	"	"	"	"	
Carbon disulfide	BRL	461 ug/kg dry	100	"	"	"	"	"	
Carbon tetrachloride	BRL	92.2 ug/kg dry	100	"	"	"	"	"	
Chlorobenzene	BRL	92.2 ug/kg dry	100	"	"	"	"	"	
Chloroethane	BRL	184 ug/kg dry	100	"	"	"	"	"	
Chloroform	BRL	92.2 ug/kg dry	100	"	"	"	"	"	
Chloromethane	BRL	184 ug/kg dry	100	"	"	"	"	"	
2-Chlorotoluene	BRL	92.2 ug/kg dry	100	"	"	"	"	"	
4-Chlorotoluene	BRL	92.2 ug/kg dry	100	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	184 ug/kg dry	100	"	"	"	"	"	
Dibromochloromethane	BRL	92.2 ug/kg dry	100	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	92.2 ug/kg dry	100	"	"	"	"	"	
Dibromomethane	BRL	92.2 ug/kg dry	100	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	92.2 ug/kg dry	100	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	92.2 ug/kg dry	100	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	92.2 ug/kg dry	100	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	184 ug/kg dry	100	"	"	"	"	"	
1,1-Dichloroethane	BRL	92.2 ug/kg dry	100	"	"	"	"	"	
1,2-Dichloroethane	BRL	92.2 ug/kg dry	100	"	"	"	"	"	
1,1-Dichloroethene	BRL	92.2 ug/kg dry	100	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	92.2 ug/kg dry	100	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	92.2 ug/kg dry	100	"	"	"	"	"	
1,2-Dichloropropane	BRL	92.2 ug/kg dry	100	"	"	"	"	"	
1,3-Dichloropropane	BRL	92.2 ug/kg dry	100	"	"	"	"	"	
2,2-Dichloropropane	BRL	92.2 ug/kg dry	100	"	"	"	"	"	
1,1-Dichloropropene	BRL	92.2 ug/kg dry	100	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	92.2 ug/kg dry	100	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	92.2 ug/kg dry	100	"	"	"	"	"	
Ethylbenzene	BRL	92.2 ug/kg dry	100	"	"	"	"	"	
Hexachlorobutadiene	BRL	92.2 ug/kg dry	100	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-16 (7-9) 3A07010-03	0013172	Soil	06-Jan-04 15:45	08-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							
2-Hexanone (MBK)	BRL	922 ug/kg dry	100	"	"	"	"	"	
Isopropylbenzene	BRL	92.2 ug/kg dry	100	"	"	"	"	"	
4-Isopropyltoluene	BRL	92.2 ug/kg dry	100	"	"	"	"	"	
Methyl tert-butyl ether	BRL	92.2 ug/kg dry	100	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	922 ug/kg dry	100	"	"	"	"	"	
Methylene chloride	BRL	922 ug/kg dry	100	"	"	"	"	"	
Naphthalene	BRL	92.2 ug/kg dry	100	"	"	"	"	"	
n-Propylbenzene	BRL	92.2 ug/kg dry	100	"	"	"	"	"	
Styrene	BRL	92.2 ug/kg dry	100	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	92.2 ug/kg dry	100	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	92.2 ug/kg dry	100	"	"	"	"	"	
Tetrachloroethene	BRL	92.2 ug/kg dry	100	"	"	"	"	"	
Toluene	BRL	92.2 ug/kg dry	100	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	92.2 ug/kg dry	100	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	92.2 ug/kg dry	100	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	92.2 ug/kg dry	100	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	92.2 ug/kg dry	100	"	"	"	"	"	
Trichloroethene	BRL	92.2 ug/kg dry	100	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	92.2 ug/kg dry	100	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	92.2 ug/kg dry	100	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	92.2 ug/kg dry	100	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	92.2 ug/kg dry	100	"	"	"	"	"	
Vinyl chloride	BRL	92.2 ug/kg dry	100	"	"	"	"	"	
m,p-Xylene	BRL	184 ug/kg dry	100	"	"	"	"	"	
o-Xylene	BRL	92.2 ug/kg dry	100	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*97.2*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*98.2*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*108*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*103*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-16 (7-9)	0013172	Soil	06-Jan-04 15:45	08-Jan-04
7A07010-03				

Analyte(s)	*Result*	*RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3550B									
Acenaphthene	BRL	121 ug/kg dry	1	SW846 8270C	08-Jan-04	09-Jan-04	4010322	M.B	
Acenaphthylene	BRL	121 ug/kg dry	1	"	"	"	"	"	
Aniline	BRL	121 ug/kg dry	1	"	"	"	"	"	
Anthracene	BRL	121 ug/kg dry	1	"	"	"	"	"	
Azobenzene/Diphenyldiazine	BRL	121 ug/kg dry	1	"	"	"	"	"	
Benzidine	BRL	121 ug/kg dry	1	"	"	"	"	"	
Benzo (a) anthracene	BRL	121 ug/kg dry	1	"	"	"	"	"	
Benzo (a) pyrene	BRL	121 ug/kg dry	1	"	"	"	"	"	
Benzo (b) fluoranthene	BRL	121 ug/kg dry	1	"	"	"	"	"	
Benzo (g,h,i) perylene	BRL	121 ug/kg dry	1	"	"	"	"	"	
Benzo (k) fluoranthene	BRL	121 ug/kg dry	1	"	"	"	"	"	
Benzoic acid	BRL	121 ug/kg dry	1	"	"	"	"	"	
Benzyl alcohol	BRL	121 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroethoxy)methane	BRL	121 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroethyl)ether	BRL	121 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	BRL	121 ug/kg dry	1	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	BRL	121 ug/kg dry	1	"	"	"	"	"	
4-Bromophenyl phenyl ether	BRL	121 ug/kg dry	1	"	"	"	"	"	
Butyl benzyl phthalate	BRL	121 ug/kg dry	1	"	"	"	"	"	
Carbazole	BRL	121 ug/kg dry	1	"	"	"	"	"	
4-Chloro-3-methylphenol	BRL	121 ug/kg dry	1	"	"	"	"	"	
4-Chloroaniline	BRL	121 ug/kg dry	1	"	"	"	"	"	
2-Chloronaphthalene	BRL	121 ug/kg dry	1	"	"	"	"	"	
2-Chlorophenol	BRL	121 ug/kg dry	1	"	"	"	"	"	
4-Chlorophenyl phenyl ether	BRL	121 ug/kg dry	1	"	"	"	"	"	
Chrysene	BRL	121 ug/kg dry	1	"	"	"	"	"	
Dibenzo (a,h) anthracene	BRL	121 ug/kg dry	1	"	"	"	"	"	
Dibenzofuran	BRL	121 ug/kg dry	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	121 ug/kg dry	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	121 ug/kg dry	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	121 ug/kg dry	1	"	"	"	"	"	
3,3'-Dichlorobenzidine	BRL	121 ug/kg dry	1	"	"	"	"	"	
2,4-Dichlorophenol	BRL	121 ug/kg dry	1	"	"	"	"	"	
Diethyl phthalate	BRL	121 ug/kg dry	1	"	"	"	"	"	
Dimethyl phthalate	BRL	121 ug/kg dry	1	"	"	"	"	"	
2,4-Dimethylphenol	BRL	121 ug/kg dry	1	"	"	"	"	"	
Di-n-butyl phthalate	BRL	121 ug/kg dry	1	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	BRL	121 ug/kg dry	1	"	"	"	"	"	
2,4-Dinitrophenol	BRL	121 ug/kg dry	1	"	"	"	"	"	
2,4-Dinitrotoluene	BRL	121 ug/kg dry	1	"	"	"	"	"	
,6-Dinitrotoluene	BRL	121 ug/kg dry	1	"	"	"	"	"	
Di-n-octyl phthalate	BRL	121 ug/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-16 (7-9) 3A07010-03	0013172	Soil	06-Jan-04 15:45	08-Jan-04

Analyte(s)	*Result*	*RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3550B									
Fluoranthene	BRL	121 ug/kg dry	1	"	"	"	"	"	
Fluorene	BRL	121 ug/kg dry	1	"	"	"	"	"	
Hexachlorobenzene	BRL	121 ug/kg dry	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	121 ug/kg dry	1	"	"	"	"	"	
Hexachlorocyclopentadiene	BRL	121 ug/kg dry	1	"	"	"	"	"	
Hexachloroethane	BRL	121 ug/kg dry	1	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	BRL	121 ug/kg dry	1	"	"	"	"	"	
1-Methylnaphthalene	BRL	121 ug/kg dry	1	"	"	"	"	"	
Isophorone	BRL	121 ug/kg dry	1	"	"	"	"	"	
2-Methylnaphthalene	BRL	121 ug/kg dry	1	"	"	"	"	"	
2-Methylphenol	BRL	121 ug/kg dry	1	"	"	"	"	"	
3-Methylphenol	BRL	121 ug/kg dry	1	"	"	"	"	"	
4-Methylphenol	BRL	121 ug/kg dry	1	"	"	"	"	"	
Naphthalene	BRL	121 ug/kg dry	1	"	"	"	"	"	
2-Nitroaniline	BRL	121 ug/kg dry	1	"	"	"	"	"	
3-Nitroaniline	BRL	121 ug/kg dry	1	"	"	"	"	"	
4-Nitroaniline	BRL	121 ug/kg dry	1	"	"	"	"	"	
Nitrobenzene	BRL	121 ug/kg dry	1	"	"	"	"	"	
2-Nitrophenol	BRL	121 ug/kg dry	1	"	"	"	"	"	
4-Nitrophenol	BRL	121 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodimethylamine	BRL	121 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodi-n-propylamine	BRL	121 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodiphenylamine	BRL	121 ug/kg dry	1	"	"	"	"	"	
Pentachlorophenol	BRL	121 ug/kg dry	1	"	"	"	"	"	
Phenanthrene	BRL	121 ug/kg dry	1	"	"	"	"	"	
Phenol	BRL	121 ug/kg dry	1	"	"	"	"	"	
Pyrene	BRL	121 ug/kg dry	1	"	"	"	"	"	
Pyridine	BRL	121 ug/kg dry	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	121 ug/kg dry	1	"	"	"	"	"	
2,4,5-Trichlorophenol	BRL	121 ug/kg dry	1	"	"	"	"	"	
2,4,6-Trichlorophenol	BRL	121 ug/kg dry	1	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl	*53.2*	*30-130 %*		"	"	"	"	"	
Surrogate: 2-Fluorophenol	*58.2*	*15-110 %*		"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*44.3*	*30-130 %*		"	"	"	"	"	
Surrogate: Phenol-d5	*52.4*	*15-110 %*		"	"	"	"	"	
Surrogate: Terphenyl-d14	*59.3*	*30-130 %*		"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol	*68.0*	*15-110 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-16 (7-9) 3A07010-03	0013172	Soil	06-Jan-04 15:45	08-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Total Metals by EPA 6000/7000 Series Methods, Prepared by SW846 3050B									
Mercury	BRL	0.219 mg/kg dry	1	SW846 7471A	08-Jan-04	09-Jan-04	4010350	YP	
Total Metals by EPA 200 Series Methods									
Silver	BRL	2.48 mg/kg dry	1	EPA 200.7	"	08-Jan-04	4010346	CR	
Aluminum	9,490	3.72 mg/kg dry	1	"	"	"	"	"	
Arsenic	BRL	3.72 mg/kg dry	1	"	"	"	"	"	
Barium	44.6	1.24 mg/kg dry	1	"	"	"	"	"	
Beryllium	BRL	0.496 mg/kg dry	1	"	"	"	"	"	
Calcium	11,400	12.4 mg/kg dry	1	"	"	"	"	"	
Cadmium	0.694	0.619 mg/kg dry	1	"	"	"	"	"	
Cobalt	8.52	1.24 mg/kg dry	1	"	"	"	"	"	
Chromium	12.5	1.24 mg/kg dry	1	"	"	"	"	"	
Copper	17.0	1.24 mg/kg dry	1	"	"	"	"	"	
Iron	21,400	12.4 mg/kg dry	10	"	"	"	"	"	
Potassium	499	24.8 mg/kg dry	1	"	"	"	"	"	
Magnesium	5,730	6.19 mg/kg dry	1	"	"	"	"	"	
Manganese	594	0.248 mg/kg dry	1	"	"	"	"	"	
Sodium	232	12.4 mg/kg dry	1	"	"	"	"	"	
Nickel	19.6	1.24 mg/kg dry	1	"	"	"	"	"	
Lead	5.13	1.86 mg/kg dry	1	"	"	"	"	"	
Antimony	BRL	3.72 mg/kg dry	1	"	"	"	"	"	
Selenium	BRL	3.72 mg/kg dry	1	"	"	"	"	"	
Thallium	BRL	3.72 mg/kg dry	1	"	"	"	"	"	
Vanadium	9.77	1.24 mg/kg dry	1	"	"	"	"	"	
Zinc	44.8	1.24 mg/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-16 (7-9) SA07010-03	0013172	Soil	06-Jan-04 15:45	08-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
General Chemistry Parameters									
% Solids	78.1	%	1	SM2540 G Mod.	08-Jan-04	09-Jan-04	4010330	ln	
Hexavalent Chromium	BRL	13.8 mg/kg dry	1	SW846 3060A	08-Jan-04	09-Jan-04	4010391	aj	
Cyanide (total)	BRL	1.23 mg/kg dry	1	10-204-00-1-A	09-Jan-04	09-Jan-04	4010417	AW	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-17 (5-6.2) YA07010-04	0013172	Soil	06-Jan-04 16:08	08-Jan-04

Analyte(s)	*Result*	*RDL/Units	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
VOC Extraction	Field Extracted	N/A	1	VOC	08-Jan-04	08-Jan-04	4010354	lh	
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							VOC10
Acetone	BRL	634 ug/kg dry	50	SW 846 8260B	08-Jan-04	08-Jan-04	4010311	tim	
Acrylonitrile	BRL	31.7 ug/kg dry	50	"	"	"	"	"	
Benzene	BRL	31.7 ug/kg dry	50	"	"	"	"	"	
Bromobenzene	BRL	31.7 ug/kg dry	50	"	"	"	"	"	
Bromochloromethane	BRL	31.7 ug/kg dry	50	"	"	"	"	"	
Bromodichloromethane	BRL	31.7 ug/kg dry	50	"	"	"	"	"	
Bromoform	BRL	31.7 ug/kg dry	50	"	"	"	"	"	
Bromomethane	BRL	63.4 ug/kg dry	50	"	"	"	"	"	
2-Butanone (MEK)	BRL	317 ug/kg dry	50	"	"	"	"	"	
n-Butylbenzene	BRL	31.7 ug/kg dry	50	"	"	"	"	"	
sec-Butylbenzene	BRL	31.7 ug/kg dry	50	"	"	"	"	"	
tert-Butylbenzene	BRL	31.7 ug/kg dry	50	"	"	"	"	"	
Carbon disulfide	BRL	159 ug/kg dry	50	"	"	"	"	"	
Carbon tetrachloride	BRL	31.7 ug/kg dry	50	"	"	"	"	"	
Chlorobenzene	BRL	31.7 ug/kg dry	50	"	"	"	"	"	
Chloroethane	BRL	63.4 ug/kg dry	50	"	"	"	"	"	
Chloroform	BRL	31.7 ug/kg dry	50	"	"	"	"	"	
Chloromethane	BRL	63.4 ug/kg dry	50	"	"	"	"	"	
2-Chlorotoluene	BRL	31.7 ug/kg dry	50	"	"	"	"	"	
4-Chlorotoluene	BRL	31.7 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	63.4 ug/kg dry	50	"	"	"	"	"	
Dibromochloromethane	BRL	31.7 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	31.7 ug/kg dry	50	"	"	"	"	"	
Dibromomethane	BRL	31.7 ug/kg dry	50	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	31.7 ug/kg dry	50	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	31.7 ug/kg dry	50	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	31.7 ug/kg dry	50	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	63.4 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethane	BRL	31.7 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloroethane	BRL	31.7 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethene	BRL	31.7 ug/kg dry	50	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	31.7 ug/kg dry	50	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	31.7 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloropropane	BRL	31.7 ug/kg dry	50	"	"	"	"	"	
1,3-Dichloropropane	BRL	31.7 ug/kg dry	50	"	"	"	"	"	
2,2-Dichloropropane	BRL	31.7 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloropropene	BRL	31.7 ug/kg dry	50	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	31.7 ug/kg dry	50	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	31.7 ug/kg dry	50	"	"	"	"	"	
Ethylbenzene	BRL	31.7 ug/kg dry	50	"	"	"	"	"	
Hexachlorobutadiene	BRL	31.7 ug/kg dry	50	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-17 (5-6.2) A07010-04	0013172	Soil	06-Jan-04 16:08	08-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							VOC10
2-Hexanone (MBK)	BRL	317 ug/kg dry	50	"	"	"	"	"	
Isopropylbenzene	BRL	31.7 ug/kg dry	50	"	"	"	"	"	
4-Isopropyltoluene	BRL	31.7 ug/kg dry	50	"	"	"	"	"	
Methyl tert-butyl ether	BRL	31.7 ug/kg dry	50	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	317 ug/kg dry	50	"	"	"	"	"	
Methylene chloride	BRL	317 ug/kg dry	50	"	"	"	"	"	
Naphthalene	BRL	31.7 ug/kg dry	50	"	"	"	"	"	
n-Propylbenzene	BRL	31.7 ug/kg dry	50	"	"	"	"	"	
Styrene	BRL	31.7 ug/kg dry	50	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	31.7 ug/kg dry	50	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	31.7 ug/kg dry	50	"	"	"	"	"	
Tetrachloroethene	386	31.7 ug/kg dry	50	"	"	"	"	"	
Toluene	45.3	31.7 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	31.7 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	31.7 ug/kg dry	50	"	"	"	"	"	
1,1,1-Trichloroethane	587	31.7 ug/kg dry	50	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	31.7 ug/kg dry	50	"	"	"	"	"	
Trichloroethene	175	31.7 ug/kg dry	50	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	31.7 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	31.7 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	31.7 ug/kg dry	50	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	31.7 ug/kg dry	50	"	"	"	"	"	
Vinyl chloride	BRL	31.7 ug/kg dry	50	"	"	"	"	"	
m,p-Xylene	BRL	63.4 ug/kg dry	50	"	"	"	"	"	
o-Xylene	BRL	31.7 ug/kg dry	50	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*102*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*100*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*113*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*107*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-17 (5-6.2) 3A07010-04	0013172	Soil	06-Jan-04 16:08	08-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3550B									
Acenaphthene	BRL	115 ug/kg dry	1	SW846 8270C	08-Jan-04	09-Jan-04	4010322	M.B	
Acenaphthylene	BRL	115 ug/kg dry	1	"	"	"	"	"	
Aniline	BRL	115 ug/kg dry	1	"	"	"	"	"	
Anthracene	BRL	115 ug/kg dry	1	"	"	"	"	"	
Azobenzene/Diphenyldiazine	BRL	115 ug/kg dry	1	"	"	"	"	"	
Benzidine	BRL	115 ug/kg dry	1	"	"	"	"	"	
Benzo (a) anthracene	BRL	115 ug/kg dry	1	"	"	"	"	"	
Benzo (a) pyrene	BRL	115 ug/kg dry	1	"	"	"	"	"	
Benzo (b) fluoranthene	BRL	115 ug/kg dry	1	"	"	"	"	"	
Benzo (g,h,i) perylene	BRL	115 ug/kg dry	1	"	"	"	"	"	
Benzo (k) fluoranthene	BRL	115 ug/kg dry	1	"	"	"	"	"	
Benzoic acid	BRL	115 ug/kg dry	1	"	"	"	"	"	
Benzyl alcohol	BRL	115 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroethoxy)methane	BRL	115 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroethyl)ether	BRL	115 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	BRL	115 ug/kg dry	1	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	BRL	115 ug/kg dry	1	"	"	"	"	"	
4-Bromophenyl phenyl ether	BRL	115 ug/kg dry	1	"	"	"	"	"	
Butyl benzyl phthalate	BRL	115 ug/kg dry	1	"	"	"	"	"	
Carbazole	BRL	115 ug/kg dry	1	"	"	"	"	"	
4-Chloro-3-methylphenol	BRL	115 ug/kg dry	1	"	"	"	"	"	
4-Chloroaniline	BRL	115 ug/kg dry	1	"	"	"	"	"	
2-Chloronaphthalene	BRL	115 ug/kg dry	1	"	"	"	"	"	
2-Chlorophenol	BRL	115 ug/kg dry	1	"	"	"	"	"	
4-Chlorophenyl phenyl ether	BRL	115 ug/kg dry	1	"	"	"	"	"	
Chrysene	BRL	115 ug/kg dry	1	"	"	"	"	"	
Dibenzo (a,h) anthracene	BRL	115 ug/kg dry	1	"	"	"	"	"	
Dibenzofuran	BRL	115 ug/kg dry	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	115 ug/kg dry	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	115 ug/kg dry	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	115 ug/kg dry	1	"	"	"	"	"	
3,3'-Dichlorobenzidine	BRL	115 ug/kg dry	1	"	"	"	"	"	
2,4-Dichlorophenol	BRL	115 ug/kg dry	1	"	"	"	"	"	
Diethyl phthalate	BRL	115 ug/kg dry	1	"	"	"	"	"	
Dimethyl phthalate	BRL	115 ug/kg dry	1	"	"	"	"	"	
2,4-Dimethylphenol	BRL	115 ug/kg dry	1	"	"	"	"	"	
Di-n-butyl phthalate	BRL	115 ug/kg dry	1	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	BRL	115 ug/kg dry	1	"	"	"	"	"	
2,4-Dinitrophenol	BRL	115 ug/kg dry	1	"	"	"	"	"	
2,4-Dinitrotoluene	BRL	115 ug/kg dry	1	"	"	"	"	"	
,6-Dinitrotoluene	BRL	115 ug/kg dry	1	"	"	"	"	"	
Di-n-octyl phthalate	BRL	115 ug/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-17 (5-6.2) 3A07010-04	0013172	Soil	06-Jan-04 16:08	08-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3550B									
Fluoranthene	BRL	115 ug/kg dry	1	"	"	"	"	"	
Fluorene	BRL	115 ug/kg dry	1	"	"	"	"	"	
Hexachlorobenzene	BRL	115 ug/kg dry	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	115 ug/kg dry	1	"	"	"	"	"	
Hexachlorocyclopentadiene	BRL	115 ug/kg dry	1	"	"	"	"	"	
Hexachloroethane	BRL	115 ug/kg dry	1	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	BRL	115 ug/kg dry	1	"	"	"	"	"	
1-Methylnaphthalene	BRL	115 ug/kg dry	1	"	"	"	"	"	
Isophorone	BRL	115 ug/kg dry	1	"	"	"	"	"	
2-Methylnaphthalene	BRL	115 ug/kg dry	1	"	"	"	"	"	
2-Methylphenol	BRL	115 ug/kg dry	1	"	"	"	"	"	
3-Methylphenol	BRL	115 ug/kg dry	1	"	"	"	"	"	
4-Methylphenol	BRL	115 ug/kg dry	1	"	"	"	"	"	
Naphthalene	BRL	115 ug/kg dry	1	"	"	"	"	"	
2-Nitroaniline	BRL	115 ug/kg dry	1	"	"	"	"	"	
3-Nitroaniline	BRL	115 ug/kg dry	1	"	"	"	"	"	
4-Nitroaniline	BRL	115 ug/kg dry	1	"	"	"	"	"	
Nitrobenzene	BRL	115 ug/kg dry	1	"	"	"	"	"	
2-Nitrophenol	BRL	115 ug/kg dry	1	"	"	"	"	"	
4-Nitrophenol	BRL	115 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodimethylamine	BRL	115 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodi-n-propylamine	BRL	115 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodiphenylamine	BRL	115 ug/kg dry	1	"	"	"	"	"	
Pentachlorophenol	BRL	115 ug/kg dry	1	"	"	"	"	"	
Phenanthrene	BRL	115 ug/kg dry	1	"	"	"	"	"	
Phenol	BRL	115 ug/kg dry	1	"	"	"	"	"	
Pyrene	BRL	115 ug/kg dry	1	"	"	"	"	"	
Pyridine	BRL	115 ug/kg dry	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	115 ug/kg dry	1	"	"	"	"	"	
2,4,5-Trichlorophenol	BRL	115 ug/kg dry	1	"	"	"	"	"	
2,4,6-Trichlorophenol	BRL	115 ug/kg dry	1	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl	*54.7*	*30-130 %*		"	"	"	"	"	
Surrogate: 2-Fluorophenol	*61.6*	*15-110 %*		"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*45.3*	*30-130 %*		"	"	"	"	"	
Surrogate: Phenol-d5	*54.0*	*15-110 %*		"	"	"	"	"	
Surrogate: Terphenyl-dl4	*63.0*	*30-130 %*		"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol	*71.5*	*15-110 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-17 (5-6.2) SA07010-04	0013172	Soil	06-Jan-04 16:08	08-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Total Metals by EPA 6000/7000 Series Methods, Prepared by SW846 3050B									
Mercury	BRL	0.203 mg/kg dry	1	SW846 7471A	08-Jan-04	09-Jan-04	4010350	YP	
Total Metals by EPA 200 Series Methods									
Silver	BRL	2.11 mg/kg dry	1	EPA 200.7	"	08-Jan-04	4010346	CR	
Aluminum	10,700	3.17 mg/kg dry	1	"	"	"	"	"	
Arsenic	BRL	3.70 mg/kg dry	1	"	"	"	"	"	
Barium	37.9	1.06 mg/kg dry	1	"	"	"	"	"	
Beryllium	0.486	0.423 mg/kg dry	1	"	"	"	"	"	
Calcium	10,000	10.6 mg/kg dry	1	"	"	"	"	"	
Cadmium	0.708	0.528 mg/kg dry	1	"	"	"	"	"	
Cobalt	8.55	1.06 mg/kg dry	1	"	"	"	"	"	
Chromium	14.1	1.06 mg/kg dry	1	"	"	"	"	"	
Copper	22.8	1.06 mg/kg dry	1	"	"	"	"	"	
Iron	26,800	10.6 mg/kg dry	10	"	"	"	"	"	
Potassium	613	21.1 mg/kg dry	1	"	"	"	"	"	
Magnesium	5,240	5.28 mg/kg dry	1	"	"	"	"	"	
Manganese	310	0.211 mg/kg dry	1	"	"	"	"	"	
Sodium	387	10.6 mg/kg dry	1	"	"	"	"	"	
Nickel	22.7	1.06 mg/kg dry	1	"	"	"	"	"	
Lead	12.6	1.58 mg/kg dry	1	"	"	"	"	"	
Antimony	BRL	3.17 mg/kg dry	1	"	"	"	"	"	
Selenium	BRL	3.17 mg/kg dry	1	"	"	"	"	"	
Thallium	BRL	3.17 mg/kg dry	1	"	"	"	"	"	
Vanadium	11.8	1.06 mg/kg dry	1	"	"	"	"	"	
Zinc	59.1	1.06 mg/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-17 (5-6.2) SA07010-04	0013172	Soil	06-Jan-04 16:08	08-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
General Chemistry Parameters									
% Solids	87.7	%	1	SM2540 G Mod.	08-Jan-04	09-Jan-04	4010330	ln	
Hexavalent Chromium	BRL	12.4 mg/kg dry	1	SW846 3060A	08-Jan-04	09-Jan-04	4010391	aj	
Cyanide (total)	BRL	1.10 mg/kg dry	1	10-204-00-1-A	09-Jan-04	09-Jan-04	4010417	AW	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi TB (4 Jan 04)	0013172	Aqueous	06-Jan-04 15:45	08-Jan-04
YA07010-05				

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Acetone	BRL	20.0 ug/l	1	SW 846 8260B	08-Jan-04	08-Jan-04	4010321	KP	
Acrylonitrile	BRL	1.00 ug/l	1	"	"	"	"	"	
Benzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromodichloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromoform	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromomethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Butanone (MEK)	BRL	10.0 ug/l	1	"	"	"	"	"	
n-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
sec-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
tert-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Carbon disulfide	BRL	5.00 ug/l	1	"	"	"	"	"	
Carbon tetrachloride	BRL	1.00 ug/l	1	"	"	"	"	"	
Chlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Chloroethane	BRL	2.00 ug/l	1	"	"	"	"	"	
Chloroform	BRL	1.00 ug/l	1	"	"	"	"	"	
Chloromethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	2.00 ug/l	1	"	"	"	"	"	
Dibromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	1.00 ug/l	1	"	"	"	"	"	
Dibromomethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	2.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
2,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
Ethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	1.00 ug/l	1	"	"	"	"	"	
2-Hexanone (MBK)	BRL	10.0 ug/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi TB (4 Jan 04)	0013172	Aqueous	06-Jan-04 15:45	08-Jan-04
7A07010-05				

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Isopropylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Isopropyltoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
Methyl tert-butyl ether	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	10.0 ug/l	1	"	"	"	"	"	
Methylene chloride	BRL	10.0 ug/l	1	"	"	"	"	"	
Naphthalene	BRL	1.00 ug/l	1	"	"	"	"	"	
n-Propylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Styrene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Tetrachloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
Toluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Trichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Vinyl chloride	BRL	1.00 ug/l	1	"	"	"	"	"	
m,p-Xylene	BRL	2.00 ug/l	1	"	"	"	"	"	
o-Xylene	BRL	1.00 ug/l	1	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*92.7*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*100*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*103*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*104*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-19 (8-8.7) SA07010-06	0013172	Soil	07-Jan-04 09:40	08-Jan-04

Analyte(s)	*Result*	*RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
VOC Extraction	Field Extracted	N/A	1	VOC	08-Jan-04	08-Jan-04	4010354	ln	
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							
Acetone	BRL	855 ug/kg dry	50	SW 846 8260B	09-Jan-04	09-Jan-04	4010373	tim	
Acrylonitrile	BRL	42.8 ug/kg dry	50	"	"	"	"	"	
Benzene	BRL	42.8 ug/kg dry	50	"	"	"	"	"	
Bromobenzene	BRL	42.8 ug/kg dry	50	"	"	"	"	"	
Bromochloromethane	BRL	42.8 ug/kg dry	50	"	"	"	"	"	
Bromodichloromethane	BRL	42.8 ug/kg dry	50	"	"	"	"	"	
Bromoform	BRL	42.8 ug/kg dry	50	"	"	"	"	"	
Bromomethane	BRL	85.5 ug/kg dry	50	"	"	"	"	"	
2-Butanone (MEK)	BRL	428 ug/kg dry	50	"	"	"	"	"	
n-Butylbenzene	317	42.8 ug/kg dry	50	"	"	"	"	"	
sec-Butylbenzene	207	42.8 ug/kg dry	50	"	"	"	"	"	
tert-Butylbenzene	BRL	42.8 ug/kg dry	50	"	"	"	"	"	
Carbon disulfide	BRL	214 ug/kg dry	50	"	"	"	"	"	
Carbon tetrachloride	BRL	42.8 ug/kg dry	50	"	"	"	"	"	
Chlorobenzene	BRL	42.8 ug/kg dry	50	"	"	"	"	"	
Chloroethane	BRL	85.5 ug/kg dry	50	"	"	"	"	"	
Chloroform	BRL	42.8 ug/kg dry	50	"	"	"	"	"	
Chloromethane	BRL	85.5 ug/kg dry	50	"	"	"	"	"	
2-Chlorotoluene	BRL	42.8 ug/kg dry	50	"	"	"	"	"	
4-Chlorotoluene	BRL	42.8 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	85.5 ug/kg dry	50	"	"	"	"	"	
Dibromochloromethane	BRL	42.8 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	42.8 ug/kg dry	50	"	"	"	"	"	
Dibromomethane	BRL	42.8 ug/kg dry	50	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	42.8 ug/kg dry	50	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	42.8 ug/kg dry	50	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	42.8 ug/kg dry	50	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	85.5 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethane	BRL	42.8 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloroethane	BRL	42.8 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethene	BRL	42.8 ug/kg dry	50	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	42.8 ug/kg dry	50	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	42.8 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloropropane	BRL	42.8 ug/kg dry	50	"	"	"	"	"	
1,3-Dichloropropane	BRL	42.8 ug/kg dry	50	"	"	"	"	"	
2,2-Dichloropropane	BRL	42.8 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloropropene	BRL	42.8 ug/kg dry	50	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	42.8 ug/kg dry	50	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	42.8 ug/kg dry	50	"	"	"	"	"	
Ethylbenzene	BRL	42.8 ug/kg dry	50	"	"	"	"	"	
Hexachlorobutadiene	BRL	42.8 ug/kg dry	50	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-19 (8-8.7) 3A07010-06	0013172	Soil	07-Jan-04 09:40	08-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							
2-Hexanone (MBK)	BRL	428 ug/kg dry	50	"	"	"	"	"	
Isopropylbenzene	62.4	42.8 ug/kg dry	50	"	"	"	"	"	
4-Isopropyltoluene	123	42.8 ug/kg dry	50	"	"	"	"	"	
Methyl tert-butyl ether	BRL	42.8 ug/kg dry	50	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	428 ug/kg dry	50	"	"	"	"	"	
Methylene chloride	BRL	428 ug/kg dry	50	"	"	"	"	"	
Naphthalene	137	42.8 ug/kg dry	50	"	"	"	"	"	
n-Propylbenzene	122	42.8 ug/kg dry	50	"	"	"	"	"	
Styrene	BRL	42.8 ug/kg dry	50	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	42.8 ug/kg dry	50	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	42.8 ug/kg dry	50	"	"	"	"	"	
Tetrachloroethene	BRL	42.8 ug/kg dry	50	"	"	"	"	"	
Toluene	BRL	42.8 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	42.8 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	42.8 ug/kg dry	50	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	42.8 ug/kg dry	50	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	42.8 ug/kg dry	50	"	"	"	"	"	
Trichloroethene	BRL	42.8 ug/kg dry	50	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	42.8 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	42.8 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trimethylbenzene	84.2	42.8 ug/kg dry	50	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	42.8 ug/kg dry	50	"	"	"	"	"	
Vinyl chloride	BRL	42.8 ug/kg dry	50	"	"	"	"	"	
m,p-Xylene	BRL	85.5 ug/kg dry	50	"	"	"	"	"	
o-Xylene	47.9	42.8 ug/kg dry	50	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*109*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*104*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*106*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*102*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-19 (8-8.7) SA07010-06	0013172	Soil	07-Jan-04 09:40	08-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GC									
Polychlorinated Biphenyls by SW846 8082		Prepared by method SW846 3550B							
PCB 1016	BRL	38.8 ug/kg dry	1	SW846 8082	08-Jan-04	08-Jan-04	4010292	TG	
PCB 1221	BRL	38.8 ug/kg dry	1	"	"	"	"	"	
PCB 1232	BRL	38.8 ug/kg dry	1	"	"	"	"	"	
PCB 1242	BRL	38.8 ug/kg dry	1	"	"	"	"	"	
PCB 1248	BRL	38.8 ug/kg dry	1	"	"	"	"	"	
PCB 1254	54.9	38.8 ug/kg dry	1	"	"	"	"	"	
PCB 1260	BRL	38.8 ug/kg dry	1	"	"	"	"	"	
PCB 1262	BRL	38.8 ug/kg dry	1	"	"	"	"	"	
PCB 1268	BRL	38.8 ug/kg dry	1	"	"	"	"	"	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*94.8*	*40-140 %*		"	"	"	"	"	
Surrogate: Decachlorobiphenyl (Sr)	*52.8*	*40-140 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C		Prepared by method SW846 3550B							
Acenaphthene	BRL	194 ug/kg dry	1	SW846 8270C	08-Jan-04	09-Jan-04	4010322	M.B	
Acenaphthylene	BRL	194 ug/kg dry	1	"	"	"	"	"	
Aniline	BRL	194 ug/kg dry	1	"	"	"	"	"	
Anthracene	BRL	194 ug/kg dry	1	"	"	"	"	"	
Azobenzene/Diphenyldiazine	BRL	194 ug/kg dry	1	"	"	"	"	"	
Benzidine	BRL	194 ug/kg dry	1	"	"	"	"	"	
Benzo (a) anthracene	BRL	194 ug/kg dry	1	"	"	"	"	"	
Benzo (a) pyrene	BRL	194 ug/kg dry	1	"	"	"	"	"	
Benzo (b) fluoranthene	BRL	194 ug/kg dry	1	"	"	"	"	"	
Benzo (g,h,i) perylene	BRL	194 ug/kg dry	1	"	"	"	"	"	
Benzo (k) fluoranthene	BRL	194 ug/kg dry	1	"	"	"	"	"	
Benzoic acid	BRL	194 ug/kg dry	1	"	"	"	"	"	
Benzyl alcohol	BRL	194 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroethoxy)methane	BRL	194 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroethyl)ether	BRL	194 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	BRL	194 ug/kg dry	1	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	BRL	194 ug/kg dry	1	"	"	"	"	"	
4-Bromophenyl phenyl ether	BRL	194 ug/kg dry	1	"	"	"	"	"	
Butyl benzyl phthalate	BRL	194 ug/kg dry	1	"	"	"	"	"	
Carbazole	BRL	194 ug/kg dry	1	"	"	"	"	"	
4-Chloro-3-methylphenol	BRL	194 ug/kg dry	1	"	"	"	"	"	
4-Chloroaniline	BRL	194 ug/kg dry	1	"	"	"	"	"	
2-Chloronaphthalene	BRL	194 ug/kg dry	1	"	"	"	"	"	
2-Chlorophenol	BRL	194 ug/kg dry	1	"	"	"	"	"	
4-Chlorophenyl phenyl ether	BRL	194 ug/kg dry	1	"	"	"	"	"	
Chrysene	BRL	194 ug/kg dry	1	"	"	"	"	"	
Dibenzo (a,h) anthracene	BRL	194 ug/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-19 (8-8.7) SA07010-06	0013172	Soil	07-Jan-04 09:40	08-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3550B									
Dibenzofuran	BRL	194 ug/kg dry	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	194 ug/kg dry	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	194 ug/kg dry	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	194 ug/kg dry	1	"	"	"	"	"	
3,3'-Dichlorobenzidine	BRL	194 ug/kg dry	1	"	"	"	"	"	
2,4-Dichlorophenol	BRL	194 ug/kg dry	1	"	"	"	"	"	
Diethyl phthalate	BRL	194 ug/kg dry	1	"	"	"	"	"	
Dimethyl phthalate	BRL	194 ug/kg dry	1	"	"	"	"	"	
2,4-Dimethylphenol	BRL	194 ug/kg dry	1	"	"	"	"	"	
Di-n-butyl phthalate	BRL	194 ug/kg dry	1	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	BRL	194 ug/kg dry	1	"	"	"	"	"	
2,4-Dinitrophenol	BRL	194 ug/kg dry	1	"	"	"	"	"	
2,4-Dinitrotoluene	BRL	194 ug/kg dry	1	"	"	"	"	"	
2,6-Dinitrotoluene	BRL	194 ug/kg dry	1	"	"	"	"	"	
Di-n-octyl phthalate	BRL	194 ug/kg dry	1	"	"	"	"	"	
Fluoranthene	BRL	194 ug/kg dry	1	"	"	"	"	"	
Fluorene	BRL	194 ug/kg dry	1	"	"	"	"	"	
Hexachlorobenzene	BRL	194 ug/kg dry	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	194 ug/kg dry	1	"	"	"	"	"	
Hexachlorocyclopentadiene	BRL	194 ug/kg dry	1	"	"	"	"	"	
Hexachloroethane	BRL	194 ug/kg dry	1	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	BRL	194 ug/kg dry	1	"	"	"	"	"	
1-Methylnaphthalene	BRL	194 ug/kg dry	1	"	"	"	"	"	
Isophorone	BRL	194 ug/kg dry	1	"	"	"	"	"	
2-Methylnaphthalene	BRL	194 ug/kg dry	1	"	"	"	"	"	
2-Methylphenol	BRL	194 ug/kg dry	1	"	"	"	"	"	
3-Methylphenol	BRL	194 ug/kg dry	1	"	"	"	"	"	
4-Methylphenol	BRL	194 ug/kg dry	1	"	"	"	"	"	
Naphthalene	BRL	194 ug/kg dry	1	"	"	"	"	"	
2-Nitroaniline	BRL	194 ug/kg dry	1	"	"	"	"	"	
3-Nitroaniline	BRL	194 ug/kg dry	1	"	"	"	"	"	
4-Nitroaniline	BRL	194 ug/kg dry	1	"	"	"	"	"	
Nitrobenzene	BRL	194 ug/kg dry	1	"	"	"	"	"	
2-Nitrophenol	BRL	194 ug/kg dry	1	"	"	"	"	"	
4-Nitrophenol	BRL	194 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodimethylamine	BRL	194 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodi-n-propylamine	BRL	194 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodiphenylamine	BRL	194 ug/kg dry	1	"	"	"	"	"	
Pentachlorophenol	BRL	194 ug/kg dry	1	"	"	"	"	"	
Phenanthrene	BRL	194 ug/kg dry	1	"	"	"	"	"	
Phenol	BRL	194 ug/kg dry	1	"	"	"	"	"	
Pyrene	BRL	194 ug/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-19 (8-8.7) A07010-06	0013172	Soil	07-Jan-04 09:40	08-Jan-04

Analyte(s)	*Result*	*RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3550B									
Pyridine	BRL	194 ug/kg dry	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	194 ug/kg dry	1	"	"	"	"	"	
2,4,5-Trichlorophenol	BRL	194 ug/kg dry	1	"	"	"	"	"	
2,4,6-Trichlorophenol	BRL	194 ug/kg dry	1	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl	*54.3*	*30-130 %*		"	"	"	"	"	
Surrogate: 2-Fluorophenol	*58.1*	*15-110 %*		"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*48.9*	*30-130 %*		"	"	"	"	"	
Surrogate: Phenol-d5	*51.9*	*15-110 %*		"	"	"	"	"	
Surrogate: Terphenyl-d14	*65.9*	*30-130 %*		"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol	*68.9*	*15-110 %*		"	"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods, Prepared by SW846 3050B									
Mercury	BRL	0.192 mg/kg dry	1	SW846 7471A	08-Jan-04	09-Jan-04	4010350	YP	
Total Metals by EPA 200 Series Methods									
Silver	BRL	2.30 mg/kg dry	1	EPA 200.7	"	08-Jan-04	4010346	CR	
Aluminum	12,000	3.45 mg/kg dry	1	"	"	"	"	"	
Arsenic	3.74	3.45 mg/kg dry	1	"	"	"	"	"	
Barium	53.3	1.15 mg/kg dry	1	"	"	"	"	"	
Beryllium	0.541	0.461 mg/kg dry	1	"	"	"	"	"	
Calcium	5,310	11.5 mg/kg dry	1	"	"	"	"	"	
Cadmium	0.748	0.576 mg/kg dry	1	"	"	"	"	"	
Cobalt	8.58	1.15 mg/kg dry	1	"	"	"	"	"	
Chromium	14.6	1.15 mg/kg dry	1	"	"	"	"	"	
Copper	25.5	1.15 mg/kg dry	1	"	"	"	"	"	
Iron	24,700	11.5 mg/kg dry	10	"	"	"	"	"	
Potassium	819	23.0 mg/kg dry	1	"	"	"	"	"	
Magnesium	3,630	5.76 mg/kg dry	1	"	"	"	"	"	
Manganese	310	0.230 mg/kg dry	1	"	"	"	"	"	
Sodium	200	11.5 mg/kg dry	1	"	"	"	"	"	
Nickel	19.3	1.15 mg/kg dry	1	"	"	"	"	"	
Lead	5.34	1.73 mg/kg dry	1	"	"	"	"	"	
Antimony	BRL	3.45 mg/kg dry	1	"	"	"	"	"	
Selenium	BRL	3.45 mg/kg dry	1	"	"	"	"	"	
Thallium	BRL	3.45 mg/kg dry	1	"	"	"	"	"	
Vanadium	16.6	1.15 mg/kg dry	1	"	"	"	"	"	
Zinc	58.9	1.15 mg/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-19 (8-8.7) 3A07010-06	0013172	Soil	07-Jan-04 09:40	08-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
General Chemistry Parameters									
% Solids	83.9	%	1	SM2540 G Mod.	08-Jan-04	09-Jan-04	4010348	ln	
Hexavalent Chromium	BRL	12.6 mg/kg dry	1	SW846 3060A	08-Jan-04	09-Jan-04	4010391	aj	
Cyanide (total)	BRL	1.15 mg/kg dry	1	10-204-00-1-A	09-Jan-04	09-Jan-04	4010417	AW	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-20 (6-7.2) 3A07010-07	0013172	Soil	07-Jan-04 10:15	08-Jan-04

Analyte(s)	*Result*	*RDL/Units	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
VOC Extraction	Field Extracted	N/A	1	VOC	08-Jan-04	08-Jan-04	4010354	ln	
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							VOC10
Acetone	BRL	793 ug/kg dry	50	SW 846 8260B	08-Jan-04	08-Jan-04	4010311	tim	
Acrylonitrile	BRL	39.7 ug/kg dry	50	"	"	"	"	"	
Benzene	BRL	39.7 ug/kg dry	50	"	"	"	"	"	
Bromobenzene	BRL	39.7 ug/kg dry	50	"	"	"	"	"	
Bromochloromethane	BRL	39.7 ug/kg dry	50	"	"	"	"	"	
Bromodichloromethane	BRL	39.7 ug/kg dry	50	"	"	"	"	"	
Bromoform	BRL	39.7 ug/kg dry	50	"	"	"	"	"	
Bromomethane	BRL	79.3 ug/kg dry	50	"	"	"	"	"	
2-Butanone (MEK)	BRL	397 ug/kg dry	50	"	"	"	"	"	
n-Butylbenzene	76.5	39.7 ug/kg dry	50	"	"	"	"	"	
sec-Butylbenzene	53.9	39.7 ug/kg dry	50	"	"	"	"	"	
tert-Butylbenzene	BRL	39.7 ug/kg dry	50	"	"	"	"	"	
Carbon disulfide	BRL	198 ug/kg dry	50	"	"	"	"	"	
Carbon tetrachloride	BRL	39.7 ug/kg dry	50	"	"	"	"	"	
Chlorobenzene	BRL	39.7 ug/kg dry	50	"	"	"	"	"	
Chloroethane	BRL	79.3 ug/kg dry	50	"	"	"	"	"	
Chloroform	BRL	39.7 ug/kg dry	50	"	"	"	"	"	
Chloromethane	BRL	79.3 ug/kg dry	50	"	"	"	"	"	
2-Chlorotoluene	BRL	39.7 ug/kg dry	50	"	"	"	"	"	
4-Chlorotoluene	BRL	39.7 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	79.3 ug/kg dry	50	"	"	"	"	"	
Dibromochloromethane	BRL	39.7 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	39.7 ug/kg dry	50	"	"	"	"	"	
Dibromomethane	BRL	39.7 ug/kg dry	50	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	39.7 ug/kg dry	50	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	39.7 ug/kg dry	50	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	39.7 ug/kg dry	50	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	79.3 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethane	BRL	39.7 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloroethane	BRL	39.7 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethene	BRL	39.7 ug/kg dry	50	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	39.7 ug/kg dry	50	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	39.7 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloropropane	BRL	39.7 ug/kg dry	50	"	"	"	"	"	
1,3-Dichloropropane	BRL	39.7 ug/kg dry	50	"	"	"	"	"	
2,2-Dichloropropane	BRL	39.7 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloropropene	BRL	39.7 ug/kg dry	50	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	39.7 ug/kg dry	50	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	39.7 ug/kg dry	50	"	"	"	"	"	
Ethylbenzene	BRL	39.7 ug/kg dry	50	"	"	"	"	"	
Hexachlorobutadiene	BRL	39.7 ug/kg dry	50	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-20 (6-7.2) 3A07010-07	0013172	Soil	07-Jan-04 10:15	08-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							VOC10
2-Hexanone (MBK)	BRL	397 ug/kg dry	50	"	"	"	"	"	
Isopropylbenzene	BRL	39.7 ug/kg dry	50	"	"	"	"	"	
4-Isopropyltoluene	BRL	39.7 ug/kg dry	50	"	"	"	"	"	
Methyl tert-butyl ether	BRL	39.7 ug/kg dry	50	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	397 ug/kg dry	50	"	"	"	"	"	
Methylene chloride	BRL	397 ug/kg dry	50	"	"	"	"	"	
Naphthalene	BRL	39.7 ug/kg dry	50	"	"	"	"	"	
n-Propylbenzene	BRL	39.7 ug/kg dry	50	"	"	"	"	"	
Styrene	BRL	39.7 ug/kg dry	50	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	39.7 ug/kg dry	50	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	39.7 ug/kg dry	50	"	"	"	"	"	
Tetrachloroethene	BRL	39.7 ug/kg dry	50	"	"	"	"	"	
Toluene	BRL	39.7 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	39.7 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	39.7 ug/kg dry	50	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	39.7 ug/kg dry	50	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	39.7 ug/kg dry	50	"	"	"	"	"	
Trichloroethene	BRL	39.7 ug/kg dry	50	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	39.7 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	39.7 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	39.7 ug/kg dry	50	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	39.7 ug/kg dry	50	"	"	"	"	"	
Vinyl chloride	BRL	39.7 ug/kg dry	50	"	"	"	"	"	
m,p-Xylene	BRL	79.3 ug/kg dry	50	"	"	"	"	"	
o-Xylene	BRL	39.7 ug/kg dry	50	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*111*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*98.8*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*109*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*104*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-20 (6-7.2) 3A07010-07	0013172	Soil	07-Jan-04 10:15	08-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GC									
Polychlorinated Biphenyls by SW846 8082		Prepared by method SW846 3550B							
PCB 1016	BRL	36.5 ug/kg dry	1	SW846 8082	08-Jan-04	08-Jan-04	4010292	TG	
PCB 1221	BRL	36.5 ug/kg dry	1	"	"	"	"	"	
PCB 1232	BRL	36.5 ug/kg dry	1	"	"	"	"	"	
PCB 1242	BRL	36.5 ug/kg dry	1	"	"	"	"	"	
PCB 1248	BRL	36.5 ug/kg dry	1	"	"	"	"	"	
PCB 1254	BRL	36.5 ug/kg dry	1	"	"	"	"	"	
PCB 1260	BRL	36.5 ug/kg dry	1	"	"	"	"	"	
PCB 1262	BRL	36.5 ug/kg dry	1	"	"	"	"	"	
PCB 1268	BRL	36.5 ug/kg dry	1	"	"	"	"	"	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*92.3*	*40-140 %*		"	"	"	"	"	
Surrogate: Decachlorobiphenyl (Sr)	*46.6*	*40-140 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C		Prepared by method SW846 3550B							
Acenaphthene	BRL	98.0 ug/kg dry	1	SW846 8270C	08-Jan-04	09-Jan-04	4010322	M.B	
Acenaphthylene	BRL	98.0 ug/kg dry	1	"	"	"	"	"	
Aniline	BRL	98.0 ug/kg dry	1	"	"	"	"	"	
Anthracene	BRL	98.0 ug/kg dry	1	"	"	"	"	"	
Azobenzene/Diphenyldiazine	BRL	98.0 ug/kg dry	1	"	"	"	"	"	
Benzidine	BRL	98.0 ug/kg dry	1	"	"	"	"	"	
Benzo (a) anthracene	BRL	98.0 ug/kg dry	1	"	"	"	"	"	
Benzo (a) pyrene	BRL	98.0 ug/kg dry	1	"	"	"	"	"	
Benzo (b) fluoranthene	BRL	98.0 ug/kg dry	1	"	"	"	"	"	
Benzo (g,h,i) perylene	BRL	98.0 ug/kg dry	1	"	"	"	"	"	
Benzo (k) fluoranthene	BRL	98.0 ug/kg dry	1	"	"	"	"	"	
Benzoic acid	BRL	98.0 ug/kg dry	1	"	"	"	"	"	
Benzyl alcohol	BRL	98.0 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroethoxy)methane	BRL	98.0 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroethyl)ether	BRL	98.0 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	BRL	98.0 ug/kg dry	1	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	BRL	98.0 ug/kg dry	1	"	"	"	"	"	
4-Bromophenyl phenyl ether	BRL	98.0 ug/kg dry	1	"	"	"	"	"	
Butyl benzyl phthalate	BRL	98.0 ug/kg dry	1	"	"	"	"	"	
Carbazole	BRL	98.0 ug/kg dry	1	"	"	"	"	"	
4-Chloro-3-methylphenol	BRL	98.0 ug/kg dry	1	"	"	"	"	"	
4-Chloroaniline	BRL	98.0 ug/kg dry	1	"	"	"	"	"	
2-Chloronaphthalene	BRL	98.0 ug/kg dry	1	"	"	"	"	"	
2-Chlorophenol	BRL	98.0 ug/kg dry	1	"	"	"	"	"	
4-Chlorophenyl phenyl ether	BRL	98.0 ug/kg dry	1	"	"	"	"	"	
Chrysene	BRL	98.0 ug/kg dry	1	"	"	"	"	"	
Dibenzo (a,h) anthracene	BRL	98.0 ug/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-20 (6-7.2) A07010-07	0013172	Soil	07-Jan-04 10:15	08-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3550B									
Dibenzofuran	BRL	98.0 ug/kg dry	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	98.0 ug/kg dry	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	98.0 ug/kg dry	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	98.0 ug/kg dry	1	"	"	"	"	"	
3,3'-Dichlorobenzidine	BRL	98.0 ug/kg dry	1	"	"	"	"	"	
2,4-Dichlorophenol	BRL	98.0 ug/kg dry	1	"	"	"	"	"	
Diethyl phthalate	BRL	98.0 ug/kg dry	1	"	"	"	"	"	
Dimethyl phthalate	BRL	98.0 ug/kg dry	1	"	"	"	"	"	
2,4-Dimethylphenol	BRL	98.0 ug/kg dry	1	"	"	"	"	"	
Di-n-butyl phthalate	BRL	98.0 ug/kg dry	1	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	BRL	98.0 ug/kg dry	1	"	"	"	"	"	
2,4-Dinitrophenol	BRL	98.0 ug/kg dry	1	"	"	"	"	"	
2,4-Dinitrotoluene	BRL	98.0 ug/kg dry	1	"	"	"	"	"	
2,6-Dinitrotoluene	BRL	98.0 ug/kg dry	1	"	"	"	"	"	
Di-n-octyl phthalate	BRL	98.0 ug/kg dry	1	"	"	"	"	"	
Fluoranthene	BRL	98.0 ug/kg dry	1	"	"	"	"	"	
Fluorene	BRL	98.0 ug/kg dry	1	"	"	"	"	"	
Hexachlorobenzene	BRL	98.0 ug/kg dry	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	98.0 ug/kg dry	1	"	"	"	"	"	
Hexachlorocyclopentadiene	BRL	98.0 ug/kg dry	1	"	"	"	"	"	
Hexachloroethane	BRL	98.0 ug/kg dry	1	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	BRL	98.0 ug/kg dry	1	"	"	"	"	"	
1-Methylnaphthalene	BRL	97.8 ug/kg dry	1	"	"	"	"	"	
Isophorone	BRL	98.0 ug/kg dry	1	"	"	"	"	"	
2-Methylnaphthalene	BRL	98.0 ug/kg dry	1	"	"	"	"	"	
2-Methylphenol	BRL	98.0 ug/kg dry	1	"	"	"	"	"	
3-Methylphenol	BRL	98.0 ug/kg dry	1	"	"	"	"	"	
4-Methylphenol	BRL	98.0 ug/kg dry	1	"	"	"	"	"	
Naphthalene	BRL	98.0 ug/kg dry	1	"	"	"	"	"	
2-Nitroaniline	BRL	98.0 ug/kg dry	1	"	"	"	"	"	
3-Nitroaniline	BRL	98.0 ug/kg dry	1	"	"	"	"	"	
4-Nitroaniline	BRL	98.0 ug/kg dry	1	"	"	"	"	"	
Nitrobenzene	BRL	98.0 ug/kg dry	1	"	"	"	"	"	
2-Nitrophenol	BRL	98.0 ug/kg dry	1	"	"	"	"	"	
4-Nitrophenol	BRL	98.0 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodimethylamine	BRL	98.0 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodi-n-propylamine	BRL	98.0 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodiphenylamine	BRL	98.0 ug/kg dry	1	"	"	"	"	"	
Pentachlorophenol	BRL	98.0 ug/kg dry	1	"	"	"	"	"	
Phenanthrene	BRL	98.0 ug/kg dry	1	"	"	"	"	"	
Phenol	BRL	98.0 ug/kg dry	1	"	"	"	"	"	
Pyrene	BRL	98.0 ug/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-20 (6-7.2) 3A07010-07	0013172	Soil	07-Jan-04 10:15	08-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3550B									
Pyridine	BRL	98.0 ug/kg dry	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	98.0 ug/kg dry	1	"	"	"	"	"	
2,4,5-Trichlorophenol	BRL	98.0 ug/kg dry	1	"	"	"	"	"	
2,4,6-Trichlorophenol	BRL	98.0 ug/kg dry	1	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl	*52.4*	*30-130 %*		"	"	"	"	"	
Surrogate: 2-Fluorophenol	*58.6*	*15-110 %*		"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*49.4*	*30-130 %*		"	"	"	"	"	
Surrogate: Phenol-d5	*53.3*	*15-110 %*		"	"	"	"	"	
Surrogate: Terphenyl-d14	*64.5*	*30-130 %*		"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol	*67.8*	*15-110 %*		"	"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods, Prepared by SW846 3050B									
Mercury	BRL	0.217 mg/kg dry	1	SW846 7471A	08-Jan-04	09-Jan-04	4010350	YP	
Total Metals by EPA 200 Series Methods									
Silver	BRL	2.33 mg/kg dry	1	EPA 200.7	"	08-Jan-04	4010346	CR	
Aluminum	9,960	3.49 mg/kg dry	1	"	"	"	"	"	
Arsenic	BRL	4.37 mg/kg dry	1	"	"	"	"	"	
Barium	64.0	1.16 mg/kg dry	1	"	"	"	"	"	
Beryllium	0.489	0.466 mg/kg dry	1	"	"	"	"	"	
Calcium	2,510	11.6 mg/kg dry	1	"	"	"	"	"	
Cadmium	0.838	0.582 mg/kg dry	1	"	"	"	"	"	
Cobalt	9.83	1.16 mg/kg dry	1	"	"	"	"	"	
Chromium	13.2	1.16 mg/kg dry	1	"	"	"	"	"	
Copper	27.0	1.16 mg/kg dry	1	"	"	"	"	"	
Iron	30,000	11.6 mg/kg dry	10	"	"	"	"	"	
Potassium	354	23.3 mg/kg dry	1	"	"	"	"	"	
Magnesium	3,240	5.82 mg/kg dry	1	"	"	"	"	"	
Manganese	680	0.233 mg/kg dry	1	"	"	"	"	"	
Sodium	166	11.6 mg/kg dry	1	"	"	"	"	"	
Nickel	27.6	1.16 mg/kg dry	1	"	"	"	"	"	
Lead	8.01	1.75 mg/kg dry	1	"	"	"	"	"	
Antimony	BRL	3.49 mg/kg dry	1	"	"	"	"	"	
Selenium	BRL	3.49 mg/kg dry	1	"	"	"	"	"	
Thallium	BRL	3.49 mg/kg dry	1	"	"	"	"	"	
Vanadium	13.6	1.16 mg/kg dry	1	"	"	"	"	"	
Zinc	65.8	1.16 mg/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-20 (6-7.2) YA07010-07	0013172	Soil	07-Jan-04 10:15	08-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
General Chemistry Parameters									
% Solids	81.1	%	1	SM2540 G Mod.	08-Jan-04	09-Jan-04	4010348	lm	
Hexavalent Chromium	BRL	13.1 mg/kg dry	1	SW846 3060A	08-Jan-04	09-Jan-04	4010391	aj	
Cyanide (total)	BRL	1.21 mg/kg dry	1	10-204-00-1-A	09-Jan-04	09-Jan-04	4010417	AW	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-20 (6-7.2) 3A07010-07RE1	0013172	Soil	07-Jan-04 10:15	08-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5035A							
Acetone	BRL	93.9 ug/kg dry	1	SW 846 8260B	09-Jan-04	09-Jan-04	4010367	tim	
Acrylonitrile	BRL	4.70 ug/kg dry	1	"	"	"	"	"	
Benzene	BRL	4.70 ug/kg dry	1	"	"	"	"	"	
Bromobenzene	BRL	4.70 ug/kg dry	1	"	"	"	"	"	
Bromochloromethane	BRL	4.70 ug/kg dry	1	"	"	"	"	"	
Bromodichloromethane	BRL	4.70 ug/kg dry	1	"	"	"	"	"	
Bromoform	BRL	4.70 ug/kg dry	1	"	"	"	"	"	
Bromomethane	BRL	9.39 ug/kg dry	1	"	"	"	"	"	
2-Butanone (MEK)	BRL	47.0 ug/kg dry	1	"	"	"	"	"	
n-Butylbenzene	BRL	4.70 ug/kg dry	1	"	"	"	"	"	
sec-Butylbenzene	BRL	4.70 ug/kg dry	1	"	"	"	"	"	
tert-Butylbenzene	BRL	4.70 ug/kg dry	1	"	"	"	"	"	
Carbon disulfide	BRL	23.5 ug/kg dry	1	"	"	"	"	"	
Carbon tetrachloride	BRL	4.70 ug/kg dry	1	"	"	"	"	"	
Chlorobenzene	BRL	4.70 ug/kg dry	1	"	"	"	"	"	
Chloroethane	BRL	9.39 ug/kg dry	1	"	"	"	"	"	
Chloroform	BRL	4.70 ug/kg dry	1	"	"	"	"	"	
Chloromethane	BRL	9.39 ug/kg dry	1	"	"	"	"	"	
2-Chlorotoluene	BRL	4.70 ug/kg dry	1	"	"	"	"	"	
4-Chlorotoluene	BRL	4.70 ug/kg dry	1	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	9.39 ug/kg dry	1	"	"	"	"	"	
Dibromochloromethane	BRL	4.70 ug/kg dry	1	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	4.70 ug/kg dry	1	"	"	"	"	"	
Dibromomethane	BRL	4.70 ug/kg dry	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	4.70 ug/kg dry	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	4.70 ug/kg dry	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	4.70 ug/kg dry	1	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	9.39 ug/kg dry	1	"	"	"	"	"	
1,1-Dichloroethane	BRL	4.70 ug/kg dry	1	"	"	"	"	"	
1,2-Dichloroethane	BRL	4.70 ug/kg dry	1	"	"	"	"	"	
1,1-Dichloroethene	BRL	4.70 ug/kg dry	1	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	4.70 ug/kg dry	1	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	4.70 ug/kg dry	1	"	"	"	"	"	
1,2-Dichloropropane	BRL	4.70 ug/kg dry	1	"	"	"	"	"	
1,3-Dichloropropane	BRL	4.70 ug/kg dry	1	"	"	"	"	"	
2,2-Dichloropropane	BRL	4.70 ug/kg dry	1	"	"	"	"	"	
1,1-Dichloropropene	BRL	4.70 ug/kg dry	1	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	4.70 ug/kg dry	1	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	4.70 ug/kg dry	1	"	"	"	"	"	
Ethylbenzene	BRL	4.70 ug/kg dry	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	4.70 ug/kg dry	1	"	"	"	"	"	
2-Hexanone (MBK)	BRL	47.0 ug/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-20 (6-7.2) 3A07010-07RE1	0013172	Soil	07-Jan-04 10:15	08-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5035A							
Isopropylbenzene	BRL	4.70 ug/kg dry	1	"	"	"	"	"	
4-Isopropyltoluene	BRL	4.70 ug/kg dry	1	"	"	"	"	"	
Methyl tert-butyl ether	BRL	4.70 ug/kg dry	1	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	47.0 ug/kg dry	1	"	"	"	"	"	
Methylene chloride	BRL	47.0 ug/kg dry	1	"	"	"	"	"	
Naphthalene	BRL	4.70 ug/kg dry	1	"	"	"	"	"	
n-Propylbenzene	BRL	4.70 ug/kg dry	1	"	"	"	"	"	
Styrene	BRL	4.70 ug/kg dry	1	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	4.70 ug/kg dry	1	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	4.70 ug/kg dry	1	"	"	"	"	"	
Tetrachloroethene	BRL	4.70 ug/kg dry	1	"	"	"	"	"	
Toluene	BRL	4.70 ug/kg dry	1	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	4.70 ug/kg dry	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	4.70 ug/kg dry	1	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	4.70 ug/kg dry	1	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	4.70 ug/kg dry	1	"	"	"	"	"	
Trichloroethene	BRL	4.70 ug/kg dry	1	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	4.70 ug/kg dry	1	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	4.70 ug/kg dry	1	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	4.70 ug/kg dry	1	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	4.70 ug/kg dry	1	"	"	"	"	"	
Vinyl chloride	BRL	4.70 ug/kg dry	1	"	"	"	"	"	
m,p-Xylene	BRL	9.39 ug/kg dry	1	"	"	"	"	"	
o-Xylene	BRL	4.70 ug/kg dry	1	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*102*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*99.6*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*98.0*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*104*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-21 (.5-1.8) 3A07010-08	0013172	Soil	07-Jan-04 11:10	08-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
VOC Extraction	Field Extracted	N/A	1	VOC	08-Jan-04	08-Jan-04	4010354	ln	
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							VOC10
Acetone	BRL	767 ug/kg dry	50	SW 846 8260B	08-Jan-04	08-Jan-04	4010311	tim	
Acrylonitrile	BRL	38.4 ug/kg dry	50	"	"	"	"	"	
Benzene	BRL	38.4 ug/kg dry	50	"	"	"	"	"	
Bromobenzene	BRL	38.4 ug/kg dry	50	"	"	"	"	"	
Bromochloromethane	BRL	38.4 ug/kg dry	50	"	"	"	"	"	
Bromodichloromethane	BRL	38.4 ug/kg dry	50	"	"	"	"	"	
Bromoform	BRL	38.4 ug/kg dry	50	"	"	"	"	"	
Bromomethane	BRL	76.7 ug/kg dry	50	"	"	"	"	"	
2-Butanone (MEK)	BRL	384 ug/kg dry	50	"	"	"	"	"	
n-Butylbenzene	BRL	38.4 ug/kg dry	50	"	"	"	"	"	
sec-Butylbenzene	BRL	38.4 ug/kg dry	50	"	"	"	"	"	
tert-Butylbenzene	BRL	38.4 ug/kg dry	50	"	"	"	"	"	
Carbon disulfide	BRL	192 ug/kg dry	50	"	"	"	"	"	
Carbon tetrachloride	BRL	38.4 ug/kg dry	50	"	"	"	"	"	
Chlorobenzene	BRL	38.4 ug/kg dry	50	"	"	"	"	"	
Chloroethane	BRL	76.7 ug/kg dry	50	"	"	"	"	"	
Chloroform	BRL	38.4 ug/kg dry	50	"	"	"	"	"	
Chloromethane	BRL	76.7 ug/kg dry	50	"	"	"	"	"	
2-Chlorotoluene	BRL	38.4 ug/kg dry	50	"	"	"	"	"	
4-Chlorotoluene	BRL	38.4 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	76.7 ug/kg dry	50	"	"	"	"	"	
Dibromochloromethane	BRL	38.4 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	38.4 ug/kg dry	50	"	"	"	"	"	
Dibromomethane	BRL	38.4 ug/kg dry	50	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	38.4 ug/kg dry	50	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	38.4 ug/kg dry	50	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	38.4 ug/kg dry	50	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	76.7 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethane	BRL	38.4 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloroethane	BRL	38.4 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethene	BRL	38.4 ug/kg dry	50	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	38.4 ug/kg dry	50	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	38.4 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloropropane	BRL	38.4 ug/kg dry	50	"	"	"	"	"	
1,3-Dichloropropane	BRL	38.4 ug/kg dry	50	"	"	"	"	"	
2,2-Dichloropropane	BRL	38.4 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloropropene	BRL	38.4 ug/kg dry	50	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	38.4 ug/kg dry	50	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	38.4 ug/kg dry	50	"	"	"	"	"	
Ethylbenzene	BRL	38.4 ug/kg dry	50	"	"	"	"	"	
Hexachlorobutadiene	BRL	38.4 ug/kg dry	50	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-21 (.5-1.8) 3A07010-08	0013172	Soil	07-Jan-04 11:10	08-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							VOC10
2-Hexanone (MBK)	BRL	384 ug/kg dry	50	"	"	"	"	"	
Isopropylbenzene	BRL	38.4 ug/kg dry	50	"	"	"	"	"	
4-Isopropyltoluene	BRL	38.4 ug/kg dry	50	"	"	"	"	"	
Methyl tert-butyl ether	BRL	38.4 ug/kg dry	50	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	384 ug/kg dry	50	"	"	"	"	"	
Methylene chloride	BRL	384 ug/kg dry	50	"	"	"	"	"	
Naphthalene	BRL	38.4 ug/kg dry	50	"	"	"	"	"	
n-Propylbenzene	BRL	38.4 ug/kg dry	50	"	"	"	"	"	
Styrene	BRL	38.4 ug/kg dry	50	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	38.4 ug/kg dry	50	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	38.4 ug/kg dry	50	"	"	"	"	"	
Tetrachloroethene	BRL	38.4 ug/kg dry	50	"	"	"	"	"	
Toluene	BRL	38.4 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	38.4 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	38.4 ug/kg dry	50	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	38.4 ug/kg dry	50	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	38.4 ug/kg dry	50	"	"	"	"	"	
Trichloroethene	BRL	38.4 ug/kg dry	50	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	38.4 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	38.4 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	38.4 ug/kg dry	50	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	38.4 ug/kg dry	50	"	"	"	"	"	
Vinyl chloride	BRL	38.4 ug/kg dry	50	"	"	"	"	"	
m,p-Xylene	BRL	76.7 ug/kg dry	50	"	"	"	"	"	
o-Xylene	BRL	38.4 ug/kg dry	50	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*105*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*107*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*110*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*105*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-21 (.5-1.8) 'A07010-08	0013172	Soil	07-Jan-04 11:10	08-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3550B									
Acenaphthene	BRL	114 ug/kg dry	1	SW846 8270C	08-Jan-04	09-Jan-04	4010322	M.B	
Acenaphthylene	BRL	114 ug/kg dry	1	"	"	09-Jan-04	"	"	
Aniline	BRL	114 ug/kg dry	1	"	"	09-Jan-04	"	"	
Anthracene	BRL	114 ug/kg dry	1	"	"	09-Jan-04	"	"	
Azobenzene/Diphenyldiazine	BRL	114 ug/kg dry	1	"	"	"	"	"	
Benzidine	BRL	114 ug/kg dry	1	"	"	"	"	"	
Benzo (a) anthracene	BRL	114 ug/kg dry	1	"	"	09-Jan-04	"	"	
Benzo (a) pyrene	BRL	114 ug/kg dry	1	"	"	09-Jan-04	"	"	
Benzo (b) fluoranthene	BRL	114 ug/kg dry	1	"	"	"	"	"	
Benzo (g,h,i) perylene	BRL	114 ug/kg dry	1	"	"	09-Jan-04	"	"	
Benzo (k) fluoranthene	BRL	114 ug/kg dry	1	"	"	09-Jan-04	"	"	
Benzoic acid	BRL	114 ug/kg dry	1	"	"	09-Jan-04	"	"	
Benzyl alcohol	BRL	114 ug/kg dry	1	"	"	09-Jan-04	"	"	
Bis(2-chloroethoxy)methane	BRL	114 ug/kg dry	1	"	"	09-Jan-04	"	"	
Bis(2-chloroethyl)ether	BRL	114 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	BRL	114 ug/kg dry	1	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	BRL	114 ug/kg dry	1	"	"	09-Jan-04	"	"	
-Bromophenyl phenyl ether	BRL	114 ug/kg dry	1	"	"	09-Jan-04	"	"	
Butyl benzyl phthalate	BRL	114 ug/kg dry	1	"	"	"	"	"	
Carbazole	BRL	114 ug/kg dry	1	"	"	"	"	"	
4-Chloro-3-methylphenol	BRL	114 ug/kg dry	1	"	"	"	"	"	
4-Chloroaniline	BRL	114 ug/kg dry	1	"	"	"	"	"	
2-Chloronaphthalene	BRL	114 ug/kg dry	1	"	"	"	"	"	
2-Chlorophenol	BRL	114 ug/kg dry	1	"	"	"	"	"	
4-Chlorophenyl phenyl ether	BRL	114 ug/kg dry	1	"	"	"	"	"	
Chrysene	BRL	114 ug/kg dry	1	"	"	09-Jan-04	"	"	
Dibenzo (a,h) anthracene	BRL	114 ug/kg dry	1	"	"	09-Jan-04	"	"	
Dibenzofuran	BRL	114 ug/kg dry	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	114 ug/kg dry	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	114 ug/kg dry	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	114 ug/kg dry	1	"	"	"	"	"	
3,3'-Dichlorobenzidine	BRL	114 ug/kg dry	1	"	"	09-Jan-04	"	"	
2,4-Dichlorophenol	BRL	114 ug/kg dry	1	"	"	09-Jan-04	"	"	
Diethyl phthalate	BRL	114 ug/kg dry	1	"	"	09-Jan-04	"	"	
Dimethyl phthalate	BRL	114 ug/kg dry	1	"	"	"	"	"	
2,4-Dimethylphenol	BRL	114 ug/kg dry	1	"	"	09-Jan-04	"	"	
Di-n-butyl phthalate	BRL	114 ug/kg dry	1	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	BRL	114 ug/kg dry	1	"	"	"	"	"	
2,4-Dinitrophenol	BRL	114 ug/kg dry	1	"	"	"	"	"	
2,4-Dinitrotoluene	BRL	114 ug/kg dry	1	"	"	"	"	"	
,6-Dinitrotoluene	BRL	114 ug/kg dry	1	"	"	09-Jan-04	"	"	
Di-n-octyl phthalate	BRL	114 ug/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-21 (.5-1.8) SA07010-08	0013172	Soil	07-Jan-04 11:10	08-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3550B									
Fluoranthene	BRL	114 ug/kg dry	1	"	"	"	"	"	
Fluorene	BRL	114 ug/kg dry	1	"	"	"	"	"	
Hexachlorobenzene	BRL	114 ug/kg dry	1	"	"	09-Jan-04	"	"	
Hexachlorobutadiene	BRL	114 ug/kg dry	1	"	"	"	"	"	
Hexachlorocyclopentadiene	BRL	114 ug/kg dry	1	"	"	"	"	"	
Hexachloroethane	BRL	114 ug/kg dry	1	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	BRL	114 ug/kg dry	1	"	"	"	"	"	
1-Methylnaphthalene	BRL	114 ug/kg dry	1	"	"	"	"	"	
Isophorone	BRL	114 ug/kg dry	1	"	"	09-Jan-04	"	"	
2-Methylnaphthalene	BRL	114 ug/kg dry	1	"	"	09-Jan-04	"	"	
2-Methylphenol	BRL	114 ug/kg dry	1	"	"	"	"	"	
3-Methylphenol	BRL	114 ug/kg dry	1	"	"	"	"	"	
4-Methylphenol	BRL	114 ug/kg dry	1	"	"	"	"	"	
Naphthalene	BRL	114 ug/kg dry	1	"	"	"	"	"	
2-Nitroaniline	BRL	114 ug/kg dry	1	"	"	"	"	"	
3-Nitroaniline	BRL	114 ug/kg dry	1	"	"	09-Jan-04	"	"	
4-Nitroaniline	BRL	114 ug/kg dry	1	"	"	09-Jan-04	"	"	
Nitrobenzene	BRL	114 ug/kg dry	1	"	"	"	"	"	
2-Nitrophenol	BRL	114 ug/kg dry	1	"	"	"	"	"	
4-Nitrophenol	BRL	114 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodimethylamine	BRL	114 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodi-n-propylamine	BRL	114 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodiphenylamine	BRL	114 ug/kg dry	1	"	"	09-Jan-04	"	"	
Pentachlorophenol	BRL	114 ug/kg dry	1	"	"	09-Jan-04	"	"	
Phenanthrene	BRL	114 ug/kg dry	1	"	"	09-Jan-04	"	"	
Phenol	BRL	114 ug/kg dry	1	"	"	09-Jan-04	"	"	
Pyrene	BRL	114 ug/kg dry	1	"	"	09-Jan-04	"	"	
Pyridine	BRL	114 ug/kg dry	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	114 ug/kg dry	1	"	"	09-Jan-04	"	"	
2,4,5-Trichlorophenol	BRL	114 ug/kg dry	1	"	"	"	"	"	
2,4,6-Trichlorophenol	BRL	114 ug/kg dry	1	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl	*61.5*	*30-130 %*		"	"	"	"	"	
Surrogate: 2-Fluorophenol	*69.5*	*15-110 %*		"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*52.4*	*30-130 %*		"	"	"	"	"	
Surrogate: Phenol-d5	*60.6*	*15-110 %*		"	"	"	"	"	
Surrogate: Terphenyl-d14	*73.7*	*30-130 %*		"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol	*70.8*	*15-110 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-21 (.5-1.8) 3A07010-08	0013172	Soil	07-Jan-04 11:10	08-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Total Metals by EPA 6000/7000 Series Methods, Prepared by SW846 3050B									
Mercury	BRL	0.198 mg/kg dry	1	SW846 7471A	08-Jan-04	09-Jan-04	4010350	YP	
Total Metals by EPA 200 Series Methods									
Silver	BRL	2.22 mg/kg dry	1	EPA 200.7	"	08-Jan-04	4010346	CR	
Aluminum	9,390	3.33 mg/kg dry	1	"	"	"	"	"	
Arsenic	BRL	3.33 mg/kg dry	1	"	"	"	"	"	
Barium	37.6	1.11 mg/kg dry	1	"	"	"	"	"	
Beryllium	BRL	0.445 mg/kg dry	1	"	"	"	"	"	
Calcium	33,000	111 mg/kg dry	10	"	"	"	"	"	
Cadmium	0.722	0.556 mg/kg dry	1	"	"	"	"	"	
Cobalt	9.38	1.11 mg/kg dry	1	"	"	"	"	"	
Chromium	12.1	1.11 mg/kg dry	1	"	"	"	"	"	
Copper	23.8	1.11 mg/kg dry	1	"	"	"	"	"	
Iron	23,300	11.1 mg/kg dry	10	"	"	"	"	"	
Potassium	387	22.2 mg/kg dry	1	"	"	"	"	"	
Magnesium	6,570	5.56 mg/kg dry	1	"	"	"	"	"	
Manganese	512	0.222 mg/kg dry	1	"	"	"	"	"	
Sodium	267	11.1 mg/kg dry	1	"	"	"	"	"	
Nickel	18.5	1.11 mg/kg dry	1	"	"	"	"	"	
Lead	18.0	1.67 mg/kg dry	1	"	"	"	"	"	
Antimony	BRL	3.33 mg/kg dry	1	"	"	"	"	"	
Selenium	BRL	3.33 mg/kg dry	1	"	"	"	"	"	
Thallium	BRL	3.33 mg/kg dry	1	"	"	"	"	"	
Vanadium	8.53	1.11 mg/kg dry	1	"	"	"	"	"	
Zinc	61.9	1.11 mg/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-21 (.5-1.8)	0013172	Soil	07-Jan-04 11:10	08-Jan-04
3A07010-08				

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
General Chemistry Parameters									
% Solids	88.3	%	1	SM2540 G Mod.	08-Jan-04	09-Jan-04	4010348	ln	
Hexavalent Chromium	BRL	10.5 mg/kg dry	1	SW846 3060A	08-Jan-04	09-Jan-04	4010391	aj	
Cyanide (total)	BRL	1.13 mg/kg dry	1	10-204-00-1-A	09-Jan-04	09-Jan-04	4010417	AW	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-21 (.5-1.8)	0013172	Soil	07-Jan-04 11:10	08-Jan-04
3A07010-08RE1				

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5035A							
Acetone	BRL	62.2 ug/kg dry	1	SW 846 8260B	09-Jan-04	09-Jan-04	4010367	tim	
Acrylonitrile	BRL	3.11 ug/kg dry	1	"	"	"	"	"	
Benzene	BRL	3.11 ug/kg dry	1	"	"	"	"	"	
Bromobenzene	BRL	3.11 ug/kg dry	1	"	"	"	"	"	
Bromochloromethane	BRL	3.11 ug/kg dry	1	"	"	"	"	"	
Bromodichloromethane	BRL	3.11 ug/kg dry	1	"	"	"	"	"	
Bromoform	BRL	3.11 ug/kg dry	1	"	"	"	"	"	
Bromomethane	BRL	6.22 ug/kg dry	1	"	"	"	"	"	
2-Butanone (MEK)	BRL	31.1 ug/kg dry	1	"	"	"	"	"	
n-Butylbenzene	BRL	3.11 ug/kg dry	1	"	"	"	"	"	
sec-Butylbenzene	BRL	3.11 ug/kg dry	1	"	"	"	"	"	
tert-Butylbenzene	BRL	3.11 ug/kg dry	1	"	"	"	"	"	
Carbon disulfide	BRL	15.6 ug/kg dry	1	"	"	"	"	"	
Carbon tetrachloride	BRL	3.11 ug/kg dry	1	"	"	"	"	"	
Chlorobenzene	BRL	3.11 ug/kg dry	1	"	"	"	"	"	
Chloroethane	BRL	6.22 ug/kg dry	1	"	"	"	"	"	
Chloroform	BRL	3.11 ug/kg dry	1	"	"	"	"	"	
Chloromethane	BRL	6.22 ug/kg dry	1	"	"	"	"	"	
2-Chlorotoluene	BRL	3.11 ug/kg dry	1	"	"	"	"	"	
4-Chlorotoluene	BRL	3.11 ug/kg dry	1	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	6.22 ug/kg dry	1	"	"	"	"	"	
Dibromochloromethane	BRL	3.11 ug/kg dry	1	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	3.11 ug/kg dry	1	"	"	"	"	"	
Dibromomethane	BRL	3.11 ug/kg dry	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	3.11 ug/kg dry	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	3.11 ug/kg dry	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	3.11 ug/kg dry	1	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	6.22 ug/kg dry	1	"	"	"	"	"	
1,1-Dichloroethane	5.64	3.11 ug/kg dry	1	"	"	"	"	"	
1,2-Dichloroethane	BRL	3.11 ug/kg dry	1	"	"	"	"	"	
1,1-Dichloroethene	BRL	3.11 ug/kg dry	1	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	3.11 ug/kg dry	1	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	3.11 ug/kg dry	1	"	"	"	"	"	
1,2-Dichloropropane	BRL	3.11 ug/kg dry	1	"	"	"	"	"	
1,3-Dichloropropane	BRL	3.11 ug/kg dry	1	"	"	"	"	"	
2,2-Dichloropropane	BRL	3.11 ug/kg dry	1	"	"	"	"	"	
1,1-Dichloropropene	BRL	3.11 ug/kg dry	1	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	3.11 ug/kg dry	1	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	3.11 ug/kg dry	1	"	"	"	"	"	
Ethylbenzene	BRL	3.11 ug/kg dry	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	3.11 ug/kg dry	1	"	"	"	"	"	
2-Hexanone (MBK)	BRL	31.1 ug/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-21 (.5-1.8)	0013172	Soil	07-Jan-04 11:10	08-Jan-04
'A07010-08RE1				

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5035A							
Isopropylbenzene	BRL	3.11 ug/kg dry	1	"	"	"	"	"	
4-Isopropyltoluene	BRL	3.11 ug/kg dry	1	"	"	"	"	"	
Methyl tert-butyl ether	BRL	3.11 ug/kg dry	1	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	31.1 ug/kg dry	1	"	"	"	"	"	
Methylene chloride	BRL	31.1 ug/kg dry	1	"	"	"	"	"	
Naphthalene	BRL	3.11 ug/kg dry	1	"	"	"	"	"	
n-Propylbenzene	BRL	3.11 ug/kg dry	1	"	"	"	"	"	
Styrene	BRL	3.11 ug/kg dry	1	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	3.11 ug/kg dry	1	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	3.11 ug/kg dry	1	"	"	"	"	"	
Tetrachloroethene	BRL	3.11 ug/kg dry	1	"	"	"	"	"	
Toluene	BRL	3.11 ug/kg dry	1	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	3.11 ug/kg dry	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	3.11 ug/kg dry	1	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	3.11 ug/kg dry	1	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	3.11 ug/kg dry	1	"	"	"	"	"	
Trichloroethene	BRL	3.11 ug/kg dry	1	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	3.11 ug/kg dry	1	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	3.11 ug/kg dry	1	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	3.11 ug/kg dry	1	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	3.11 ug/kg dry	1	"	"	"	"	"	
Vinyl chloride	BRL	3.11 ug/kg dry	1	"	"	"	"	"	
m,p-Xylene	BRL	6.22 ug/kg dry	1	"	"	"	"	"	
o-Xylene	BRL	3.11 ug/kg dry	1	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*98.4*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*101*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*101*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*106*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-22 (.5-1.8)	0013172	Soil	07-Jan-04 11:30	08-Jan-04
JA07010-09				

Analyte(s)	*Result*	*RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
VOC Extraction	Field Extracted	N/A	1	VOC	08-Jan-04	08-Jan-04	4010354	ln	
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							VOC10
Acetone	BRL	631 ug/kg dry	50	SW 846 8260B	08-Jan-04	08-Jan-04	4010311	tim	
Acrylonitrile	BRL	31.5 ug/kg dry	50	"	"	"	"	"	
Benzene	BRL	31.5 ug/kg dry	50	"	"	"	"	"	
Bromobenzene	BRL	31.5 ug/kg dry	50	"	"	"	"	"	
Bromochloromethane	BRL	31.5 ug/kg dry	50	"	"	"	"	"	
Bromodichloromethane	BRL	31.5 ug/kg dry	50	"	"	"	"	"	
Bromoform	BRL	31.5 ug/kg dry	50	"	"	"	"	"	
Bromomethane	BRL	63.1 ug/kg dry	50	"	"	"	"	"	
2-Butanone (MEK)	BRL	315 ug/kg dry	50	"	"	"	"	"	
n-Butylbenzene	BRL	31.5 ug/kg dry	50	"	"	"	"	"	
sec-Butylbenzene	BRL	31.5 ug/kg dry	50	"	"	"	"	"	
tert-Butylbenzene	BRL	31.5 ug/kg dry	50	"	"	"	"	"	
Carbon disulfide	BRL	158 ug/kg dry	50	"	"	"	"	"	
Carbon tetrachloride	BRL	31.5 ug/kg dry	50	"	"	"	"	"	
Chlorobenzene	BRL	31.5 ug/kg dry	50	"	"	"	"	"	
Chloroethane	BRL	63.1 ug/kg dry	50	"	"	"	"	"	
Chloroform	BRL	31.5 ug/kg dry	50	"	"	"	"	"	
Chloromethane	BRL	63.1 ug/kg dry	50	"	"	"	"	"	
2-Chlorotoluene	BRL	31.5 ug/kg dry	50	"	"	"	"	"	
4-Chlorotoluene	BRL	31.5 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	63.1 ug/kg dry	50	"	"	"	"	"	
Dibromochloromethane	BRL	31.5 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	31.5 ug/kg dry	50	"	"	"	"	"	
Dibromomethane	BRL	31.5 ug/kg dry	50	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	31.5 ug/kg dry	50	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	31.5 ug/kg dry	50	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	31.5 ug/kg dry	50	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	63.1 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethane	BRL	31.5 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloroethane	BRL	31.5 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethene	BRL	31.5 ug/kg dry	50	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	31.5 ug/kg dry	50	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	31.5 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloropropane	BRL	31.5 ug/kg dry	50	"	"	"	"	"	
1,3-Dichloropropane	BRL	31.5 ug/kg dry	50	"	"	"	"	"	
2,2-Dichloropropane	BRL	31.5 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloropropene	BRL	31.5 ug/kg dry	50	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	31.5 ug/kg dry	50	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	31.5 ug/kg dry	50	"	"	"	"	"	
Ethylbenzene	BRL	31.5 ug/kg dry	50	"	"	"	"	"	
Hexachlorobutadiene	BRL	31.5 ug/kg dry	50	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-22 (.5-1.8) 3A07010-09	0013172	Soil	07-Jan-04 11:30	08-Jan-04

Analyte(s)	*Result*	*RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							VOC10
2-Hexanone (MBK)	BRL	315 ug/kg dry	50	"	"	"	"	"	
Isopropylbenzene	BRL	31.5 ug/kg dry	50	"	"	"	"	"	
4-Isopropyltoluene	BRL	31.5 ug/kg dry	50	"	"	"	"	"	
Methyl tert-butyl ether	BRL	31.5 ug/kg dry	50	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	315 ug/kg dry	50	"	"	"	"	"	
Methylene chloride	BRL	315 ug/kg dry	50	"	"	"	"	"	
Naphthalene	BRL	31.5 ug/kg dry	50	"	"	"	"	"	
n-Propylbenzene	BRL	31.5 ug/kg dry	50	"	"	"	"	"	
Styrene	BRL	31.5 ug/kg dry	50	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	31.5 ug/kg dry	50	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	31.5 ug/kg dry	50	"	"	"	"	"	
Tetrachloroethene	BRL	31.5 ug/kg dry	50	"	"	"	"	"	
Toluene	BRL	31.5 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	31.5 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	31.5 ug/kg dry	50	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	31.5 ug/kg dry	50	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	31.5 ug/kg dry	50	"	"	"	"	"	
Trichloroethene	BRL	31.5 ug/kg dry	50	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	31.5 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	31.5 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	31.5 ug/kg dry	50	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	31.5 ug/kg dry	50	"	"	"	"	"	
Vinyl chloride	BRL	31.5 ug/kg dry	50	"	"	"	"	"	
m,p-Xylene	BRL	63.1 ug/kg dry	50	"	"	"	"	"	
o-Xylene	BRL	31.5 ug/kg dry	50	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*105*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*93.4*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*106*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*103*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-22 (.5-1.8) SA07010-09	0013172	Soil	07-Jan-04 11:30	08-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3550B									
Acenaphthene	BRL	110 ug/kg dry	1	SW846 8270C	08-Jan-04	09-Jan-04	4010322	ML	
Acenaphthylene	BRL	110 ug/kg dry	1	"	"	"	"	"	
Aniline	BRL	110 ug/kg dry	1	"	"	"	"	"	
Anthracene	BRL	110 ug/kg dry	1	"	"	"	"	"	
Azobenzene/Diphenyldiazine	BRL	110 ug/kg dry	1	"	"	"	"	"	
Benzidine	BRL	110 ug/kg dry	1	"	"	"	"	"	
Benzo (a) anthracene	BRL	110 ug/kg dry	1	"	"	"	"	"	
Benzo (a) pyrene	BRL	110 ug/kg dry	1	"	"	"	"	"	
Benzo (b) fluoranthene	BRL	110 ug/kg dry	1	"	"	"	"	"	
Benzo (g,h,i) perylene	BRL	110 ug/kg dry	1	"	"	"	"	"	
Benzo (k) fluoranthene	BRL	110 ug/kg dry	1	"	"	"	"	"	
Benzoic acid	BRL	110 ug/kg dry	1	"	"	"	"	"	
Benzyl alcohol	BRL	110 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroethoxy)methane	BRL	110 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroethyl)ether	BRL	110 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	BRL	110 ug/kg dry	1	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	BRL	110 ug/kg dry	1	"	"	"	"	"	
4-Bromophenyl phenyl ether	BRL	110 ug/kg dry	1	"	"	"	"	"	
Butyl benzyl phthalate	BRL	110 ug/kg dry	1	"	"	"	"	"	
Carbazole	BRL	110 ug/kg dry	1	"	"	"	"	"	
4-Chloro-3-methylphenol	BRL	110 ug/kg dry	1	"	"	"	"	"	
4-Chloroaniline	BRL	110 ug/kg dry	1	"	"	"	"	"	
2-Chloronaphthalene	BRL	110 ug/kg dry	1	"	"	"	"	"	
2-Chlorophenol	BRL	110 ug/kg dry	1	"	"	"	"	"	
4-Chlorophenyl phenyl ether	BRL	110 ug/kg dry	1	"	"	"	"	"	
Chrysene	BRL	110 ug/kg dry	1	"	"	"	"	"	
Dibenzo (a,h) anthracene	BRL	110 ug/kg dry	1	"	"	"	"	"	
Dibenzofuran	BRL	110 ug/kg dry	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	110 ug/kg dry	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	110 ug/kg dry	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	110 ug/kg dry	1	"	"	"	"	"	
3,3'-Dichlorobenzidine	BRL	110 ug/kg dry	1	"	"	"	"	"	
2,4-Dichlorophenol	BRL	110 ug/kg dry	1	"	"	"	"	"	
Diethyl phthalate	BRL	110 ug/kg dry	1	"	"	"	"	"	
Dimethyl phthalate	BRL	110 ug/kg dry	1	"	"	"	"	"	
2,4-Dimethylphenol	BRL	110 ug/kg dry	1	"	"	"	"	"	
Di-n-butyl phthalate	BRL	110 ug/kg dry	1	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	BRL	110 ug/kg dry	1	"	"	"	"	"	
2,4-Dinitrophenol	BRL	110 ug/kg dry	1	"	"	"	"	"	
2,4-Dinitrotoluene	BRL	110 ug/kg dry	1	"	"	"	"	"	
2,6-Dinitrotoluene	BRL	110 ug/kg dry	1	"	"	"	"	"	
Di-n-octyl phthalate	BRL	110 ug/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-22 (.5-1.8) A07010-09	0013172	Soil	07-Jan-04 11:30	08-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3550B									
Fluoranthene	BRL	110 ug/kg dry	1	"	"	"	"	"	
Fluorene	BRL	110 ug/kg dry	1	"	"	"	"	"	
Hexachlorobenzene	BRL	110 ug/kg dry	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	110 ug/kg dry	1	"	"	"	"	"	
Hexachlorocyclopentadiene	BRL	110 ug/kg dry	1	"	"	"	"	"	
Hexachloroethane	BRL	110 ug/kg dry	1	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	BRL	110 ug/kg dry	1	"	"	"	"	"	
1-Methylnaphthalene	BRL	109 ug/kg dry	1	"	"	"	"	"	
Isophorone	BRL	110 ug/kg dry	1	"	"	"	"	"	
2-Methylnaphthalene	BRL	110 ug/kg dry	1	"	"	"	"	"	
2-Methylphenol	BRL	110 ug/kg dry	1	"	"	"	"	"	
3-Methylphenol	BRL	110 ug/kg dry	1	"	"	"	"	"	
4-Methylphenol	BRL	110 ug/kg dry	1	"	"	"	"	"	
Naphthalene	BRL	110 ug/kg dry	1	"	"	"	"	"	
2-Nitroaniline	BRL	110 ug/kg dry	1	"	"	"	"	"	
3-Nitroaniline	BRL	110 ug/kg dry	1	"	"	"	"	"	
4-Nitroaniline	BRL	110 ug/kg dry	1	"	"	"	"	"	
Nitrobenzene	BRL	110 ug/kg dry	1	"	"	"	"	"	
2-Nitrophenol	BRL	110 ug/kg dry	1	"	"	"	"	"	
4-Nitrophenol	BRL	110 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodimethylamine	BRL	110 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodi-n-propylamine	BRL	110 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodiphenylamine	BRL	110 ug/kg dry	1	"	"	"	"	"	
Pentachlorophenol	BRL	110 ug/kg dry	1	"	"	"	"	"	
Phenanthrene	BRL	110 ug/kg dry	1	"	"	"	"	"	
Phenol	BRL	110 ug/kg dry	1	"	"	"	"	"	
Pyrene	BRL	110 ug/kg dry	1	"	"	"	"	"	
Pyridine	BRL	110 ug/kg dry	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	110 ug/kg dry	1	"	"	"	"	"	
2,4,5-Trichlorophenol	BRL	110 ug/kg dry	1	"	"	"	"	"	
2,4,6-Trichlorophenol	BRL	110 ug/kg dry	1	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl	*58.8*	*30-130 %*		"	"	"	"	"	
Surrogate: 2-Fluorophenol	*64.8*	*15-110 %*		"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*49.5*	*30-130 %*		"	"	"	"	"	
Surrogate: Phenol-d5	*57.8*	*15-110 %*		"	"	"	"	"	
Surrogate: Terphenyl-d14	*71.9*	*30-130 %*		"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol	*70.6*	*15-110 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-22 (.5-1.8) 3A07010-09	0013172	Soil	07-Jan-04 11:30	08-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Total Metals by EPA 6000/7000 Series Methods, Prepared by SW846 3050B									
Mercury	BRL	0.185 mg/kg dry	1	SW846 7471A	08-Jan-04	09-Jan-04	4010350	YP	
Total Metals by EPA 200 Series Methods									
Silver	BRL	2.09 mg/kg dry	1	EPA 200.7	"	08-Jan-04	4010346	CR	
Aluminum	12,500	3.14 mg/kg dry	1	"	"	"	"	"	
Arsenic	BRL	3.14 mg/kg dry	1	"	"	"	"	"	
Barium	47.7	1.05 mg/kg dry	1	"	"	"	"	"	
Beryllium	0.491	0.418 mg/kg dry	1	"	"	"	"	"	
Calcium	8,780	10.5 mg/kg dry	1	"	"	"	"	"	
Cadmium	0.857	0.523 mg/kg dry	1	"	"	"	"	"	
Cobalt	11.5	1.05 mg/kg dry	1	"	"	"	"	"	
Chromium	16.7	1.05 mg/kg dry	1	"	"	"	"	"	
Copper	18.1	1.05 mg/kg dry	1	"	"	"	"	"	
Iron	30,400	10.5 mg/kg dry	10	"	"	"	"	"	
Potassium	761	20.9 mg/kg dry	1	"	"	"	"	"	
Magnesium	5,830	5.23 mg/kg dry	1	"	"	"	"	"	
Manganese	446	0.209 mg/kg dry	1	"	"	"	"	"	
Sodium	237	10.5 mg/kg dry	1	"	"	"	"	"	
Nickel	24.1	1.05 mg/kg dry	1	"	"	"	"	"	
Lead	7.87	1.57 mg/kg dry	1	"	"	"	"	"	
Antimony	BRL	3.14 mg/kg dry	1	"	"	"	"	"	
Selenium	BRL	3.14 mg/kg dry	1	"	"	"	"	"	
Thallium	BRL	3.14 mg/kg dry	1	"	"	"	"	"	
Vanadium	11.8	1.05 mg/kg dry	1	"	"	"	"	"	
Zinc	70.9	1.05 mg/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-22 (.5-1.8) A07010-09	0013172	Soil	07-Jan-04 11:30	08-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
General Chemistry Parameters									
% Solids	89.1	%	1	SM2540 G Mod.	08-Jan-04	09-Jan-04	4010348	ln	
Hexavalent Chromium	BRL	11.8 mg/kg dry	1	SW846 3060A	08-Jan-04	09-Jan-04	4010391	aj	
Cyanide (total)	BRL	1.11 mg/kg dry	1	10-204-00-1-A	09-Jan-04	09-Jan-04	4010417	AW	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-22 (.5-1.8) 3A07010-09RE1	0013172	Soil	07-Jan-04 11:30	08-Jan-04

Analyte(s)	*Result*	*RDL/Units	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5035A							
Acetone	BRL	77.6 ug/kg dry	1	SW 846 8260B	09-Jan-04	09-Jan-04	4010367	tim	
Acrylonitrile	BRL	3.88 ug/kg dry	1	"	"	"	"	"	
Benzene	BRL	3.88 ug/kg dry	1	"	"	"	"	"	
Bromobenzene	BRL	3.88 ug/kg dry	1	"	"	"	"	"	
Bromochloromethane	BRL	3.88 ug/kg dry	1	"	"	"	"	"	
Bromodichloromethane	BRL	3.88 ug/kg dry	1	"	"	"	"	"	
Bromoform	BRL	3.88 ug/kg dry	1	"	"	"	"	"	
Bromomethane	BRL	7.76 ug/kg dry	1	"	"	"	"	"	
2-Butanone (MEK)	BRL	38.8 ug/kg dry	1	"	"	"	"	"	
n-Butylbenzene	BRL	3.88 ug/kg dry	1	"	"	"	"	"	
sec-Butylbenzene	BRL	3.88 ug/kg dry	1	"	"	"	"	"	
tert-Butylbenzene	BRL	3.88 ug/kg dry	1	"	"	"	"	"	
Carbon disulfide	BRL	19.4 ug/kg dry	1	"	"	"	"	"	
Carbon tetrachloride	BRL	3.88 ug/kg dry	1	"	"	"	"	"	
Chlorobenzene	BRL	3.88 ug/kg dry	1	"	"	"	"	"	
Chloroethane	BRL	7.76 ug/kg dry	1	"	"	"	"	"	
Chloroform	BRL	3.88 ug/kg dry	1	"	"	"	"	"	
Chloromethane	BRL	7.76 ug/kg dry	1	"	"	"	"	"	
2-Chlorotoluene	BRL	3.88 ug/kg dry	1	"	"	"	"	"	
4-Chlorotoluene	BRL	3.88 ug/kg dry	1	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	7.76 ug/kg dry	1	"	"	"	"	"	
Dibromochloromethane	BRL	3.88 ug/kg dry	1	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	3.88 ug/kg dry	1	"	"	"	"	"	
Dibromomethane	BRL	3.88 ug/kg dry	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	3.88 ug/kg dry	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	3.88 ug/kg dry	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	3.88 ug/kg dry	1	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	7.76 ug/kg dry	1	"	"	"	"	"	
1,1-Dichloroethane	BRL	3.88 ug/kg dry	1	"	"	"	"	"	
1,2-Dichloroethane	BRL	3.88 ug/kg dry	1	"	"	"	"	"	
1,1-Dichloroethene	BRL	3.88 ug/kg dry	1	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	3.88 ug/kg dry	1	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	3.88 ug/kg dry	1	"	"	"	"	"	
1,2-Dichloropropane	BRL	3.88 ug/kg dry	1	"	"	"	"	"	
1,3-Dichloropropane	BRL	3.88 ug/kg dry	1	"	"	"	"	"	
2,2-Dichloropropane	BRL	3.88 ug/kg dry	1	"	"	"	"	"	
1,1-Dichloropropene	BRL	3.88 ug/kg dry	1	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	3.88 ug/kg dry	1	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	3.88 ug/kg dry	1	"	"	"	"	"	
Ethylbenzene	BRL	3.88 ug/kg dry	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	3.88 ug/kg dry	1	"	"	"	"	"	
2-Hexanone (MBK)	BRL	38.8 ug/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-22 (.5-1.8) SA07010-09RE1	0013172	Soil	07-Jan-04 11:30	08-Jan-04

Analyte(s)	*Result*	*RDL/Units	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5035A							
Isopropylbenzene	BRL	3.88 ug/kg dry	1	"	"	"	"	"	
4-Isopropyltoluene	BRL	3.88 ug/kg dry	1	"	"	"	"	"	
Methyl tert-butyl ether	BRL	3.88 ug/kg dry	1	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	38.8 ug/kg dry	1	"	"	"	"	"	
Methylene chloride	BRL	38.8 ug/kg dry	1	"	"	"	"	"	
Naphthalene	BRL	3.88 ug/kg dry	1	"	"	"	"	"	
n-Propylbenzene	BRL	3.88 ug/kg dry	1	"	"	"	"	"	
Styrene	BRL	3.88 ug/kg dry	1	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	3.88 ug/kg dry	1	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	3.88 ug/kg dry	1	"	"	"	"	"	
Tetrachloroethene	BRL	3.88 ug/kg dry	1	"	"	"	"	"	
Toluene	BRL	3.88 ug/kg dry	1	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	3.88 ug/kg dry	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	3.88 ug/kg dry	1	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	3.88 ug/kg dry	1	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	3.88 ug/kg dry	1	"	"	"	"	"	
Trichloroethene	BRL	3.88 ug/kg dry	1	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	3.88 ug/kg dry	1	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	3.88 ug/kg dry	1	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	3.88 ug/kg dry	1	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	3.88 ug/kg dry	1	"	"	"	"	"	
Vinyl chloride	BRL	3.88 ug/kg dry	1	"	"	"	"	"	
m,p-Xylene	BRL	7.76 ug/kg dry	1	"	"	"	"	"	
o-Xylene	BRL	3.88 ug/kg dry	1	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*96.2*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*98.8*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*102*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*106*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-25 (4-6) SA07010-10	0013172	Soil	07-Jan-04 14:13	08-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
VOC Extraction	Field Extracted	N/A	1	VOC	08-Jan-04	08-Jan-04	4010354	lm	
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							VOC10
Acetone	BRL	838 ug/kg dry	50	SW 846 8260B	08-Jan-04	08-Jan-04	4010311	tim	
Acrylonitrile	BRL	41.9 ug/kg dry	50	"	"	"	"	"	
Benzene	BRL	41.9 ug/kg dry	50	"	"	"	"	"	
Bromobenzene	BRL	41.9 ug/kg dry	50	"	"	"	"	"	
Bromochloromethane	BRL	41.9 ug/kg dry	50	"	"	"	"	"	
Bromodichloromethane	BRL	41.9 ug/kg dry	50	"	"	"	"	"	
Bromoform	BRL	41.9 ug/kg dry	50	"	"	"	"	"	
Bromomethane	BRL	83.8 ug/kg dry	50	"	"	"	"	"	
2-Butanone (MEK)	BRL	419 ug/kg dry	50	"	"	"	"	"	
n-Butylbenzene	BRL	41.9 ug/kg dry	50	"	"	"	"	"	
sec-Butylbenzene	BRL	41.9 ug/kg dry	50	"	"	"	"	"	
tert-Butylbenzene	BRL	41.9 ug/kg dry	50	"	"	"	"	"	
Carbon disulfide	BRL	209 ug/kg dry	50	"	"	"	"	"	
Carbon tetrachloride	BRL	41.9 ug/kg dry	50	"	"	"	"	"	
Chlorobenzene	BRL	41.9 ug/kg dry	50	"	"	"	"	"	
Chloroethane	BRL	83.8 ug/kg dry	50	"	"	"	"	"	
Chloroform	BRL	41.9 ug/kg dry	50	"	"	"	"	"	
Chloromethane	BRL	83.8 ug/kg dry	50	"	"	"	"	"	
2-Chlorotoluene	BRL	41.9 ug/kg dry	50	"	"	"	"	"	
4-Chlorotoluene	BRL	41.9 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	83.8 ug/kg dry	50	"	"	"	"	"	
Dibromochloromethane	BRL	41.9 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	41.9 ug/kg dry	50	"	"	"	"	"	
Dibromomethane	BRL	41.9 ug/kg dry	50	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	41.9 ug/kg dry	50	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	41.9 ug/kg dry	50	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	41.9 ug/kg dry	50	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	83.8 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethane	BRL	41.9 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloroethane	BRL	41.9 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethene	BRL	41.9 ug/kg dry	50	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	41.9 ug/kg dry	50	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	41.9 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloropropane	BRL	41.9 ug/kg dry	50	"	"	"	"	"	
1,3-Dichloropropane	BRL	41.9 ug/kg dry	50	"	"	"	"	"	
2,2-Dichloropropane	BRL	41.9 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloropropene	BRL	41.9 ug/kg dry	50	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	41.9 ug/kg dry	50	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	41.9 ug/kg dry	50	"	"	"	"	"	
Ethylbenzene	BRL	41.9 ug/kg dry	50	"	"	"	"	"	
Hexachlorobutadiene	BRL	41.9 ug/kg dry	50	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-25 (4-6) SA07010-10	0013172	Soil	07-Jan-04 14:13	08-Jan-04

Analyte(s)	*Result*	*RDL/Units	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							VOC10
2-Hexanone (MBK)	BRL	419 ug/kg dry	50	"	"	"	"	"	
Isopropylbenzene	BRL	41.9 ug/kg dry	50	"	"	"	"	"	
4-Isopropyltoluene	BRL	41.9 ug/kg dry	50	"	"	"	"	"	
Methyl-tert-butyl ether	BRL	41.9 ug/kg dry	50	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	419 ug/kg dry	50	"	"	"	"	"	
Methylene chloride	BRL	419 ug/kg dry	50	"	"	"	"	"	
Naphthalene	BRL	41.9 ug/kg dry	50	"	"	"	"	"	
n-Propylbenzene	BRL	41.9 ug/kg dry	50	"	"	"	"	"	
Styrene	BRL	41.9 ug/kg dry	50	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	41.9 ug/kg dry	50	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	41.9 ug/kg dry	50	"	"	"	"	"	
Tetrachloroethene	BRL	41.9 ug/kg dry	50	"	"	"	"	"	
Toluene	BRL	41.9 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	41.9 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	41.9 ug/kg dry	50	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	41.9 ug/kg dry	50	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	41.9 ug/kg dry	50	"	"	"	"	"	
Trichloroethene	64.9	41.9 ug/kg dry	50	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	41.9 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	41.9 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	41.9 ug/kg dry	50	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	41.9 ug/kg dry	50	"	"	"	"	"	
Vinyl chloride	BRL	41.9 ug/kg dry	50	"	"	"	"	"	
m,p-Xylene	BRL	83.8 ug/kg dry	50	"	"	"	"	"	
o-Xylene	BRL	41.9 ug/kg dry	50	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*100*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*109*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*110*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*105*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-25 (4-6)	0013172	Soil	07-Jan-04 14:13	08-Jan-04
YA07010-10				

Analyte(s)	*Result*	*RDL/Units	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3550B									
Acenaphthene	BRL	120 ug/kg dry	1	SW846 8270C	08-Jan-04	09-Jan-04	4010322	M.B	
Acenaphthylene	BRL	120 ug/kg dry	1	"	"	"	"	"	
Aniline	BRL	120 ug/kg dry	1	"	"	"	"	"	
Anthracene	BRL	120 ug/kg dry	1	"	"	"	"	"	
Azobenzene/Diphenyldiazine	BRL	120 ug/kg dry	1	"	"	"	"	"	
Benzidine	BRL	120 ug/kg dry	1	"	"	"	"	"	
Benzo (a) anthracene	BRL	120 ug/kg dry	1	"	"	"	"	"	
Benzo (a) pyrene	BRL	120 ug/kg dry	1	"	"	"	"	"	
Benzo (b) fluoranthene	BRL	120 ug/kg dry	1	"	"	"	"	"	
Benzo (g,h,i) perylene	BRL	120 ug/kg dry	1	"	"	"	"	"	
Benzo (k) fluoranthene	BRL	120 ug/kg dry	1	"	"	"	"	"	
Benzoic acid	BRL	120 ug/kg dry	1	"	"	"	"	"	
Benzyl alcohol	BRL	120 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroethoxy)methane	BRL	120 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroethyl)ether	BRL	120 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	BRL	120 ug/kg dry	1	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	BRL	120 ug/kg dry	1	"	"	"	"	"	
4-Bromophenyl phenyl ether	BRL	120 ug/kg dry	1	"	"	"	"	"	
Butyl benzyl phthalate	BRL	120 ug/kg dry	1	"	"	"	"	"	
Carbazole	BRL	120 ug/kg dry	1	"	"	"	"	"	
4-Chloro-3-methylphenol	BRL	120 ug/kg dry	1	"	"	"	"	"	
4-Chloroaniline	BRL	120 ug/kg dry	1	"	"	"	"	"	
2-Chloronaphthalene	BRL	120 ug/kg dry	1	"	"	"	"	"	
2-Chlorophenol	BRL	120 ug/kg dry	1	"	"	"	"	"	
4-Chlorophenyl phenyl ether	BRL	120 ug/kg dry	1	"	"	"	"	"	
Chrysene	BRL	120 ug/kg dry	1	"	"	"	"	"	
Dibenzo (a,h) anthracene	BRL	120 ug/kg dry	1	"	"	"	"	"	
Dibenzofuran	BRL	120 ug/kg dry	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	120 ug/kg dry	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	120 ug/kg dry	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	120 ug/kg dry	1	"	"	"	"	"	
3,3'-Dichlorobenzidine	BRL	120 ug/kg dry	1	"	"	"	"	"	
2,4-Dichlorophenol	BRL	120 ug/kg dry	1	"	"	"	"	"	
Diethyl phthalate	BRL	120 ug/kg dry	1	"	"	"	"	"	
Dimethyl phthalate	BRL	120 ug/kg dry	1	"	"	"	"	"	
2,4-Dimethylphenol	BRL	120 ug/kg dry	1	"	"	"	"	"	
Di-n-butyl phthalate	BRL	120 ug/kg dry	1	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	BRL	120 ug/kg dry	1	"	"	"	"	"	
2,4-Dinitrophenol	BRL	120 ug/kg dry	1	"	"	"	"	"	
2,4-Dinitrotoluene	BRL	120 ug/kg dry	1	"	"	"	"	"	
2,6-Dinitrotoluene	BRL	120 ug/kg dry	1	"	"	"	"	"	
Di-n-octyl phthalate	BRL	120 ug/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-25 (4-6)	0013172	Soil	07-Jan-04 14:13	08-Jan-04
:A07010-10				

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3550B									
Fluoranthene	BRL	120 ug/kg dry	1	"	"	"	"	"	
Fluorene	BRL	120 ug/kg dry	1	"	"	"	"	"	
Hexachlorobenzene	BRL	120 ug/kg dry	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	120 ug/kg dry	1	"	"	"	"	"	
Hexachlorocyclopentadiene	BRL	120 ug/kg dry	1	"	"	"	"	"	
Hexachloroethane	BRL	120 ug/kg dry	1	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	BRL	120 ug/kg dry	1	"	"	"	"	"	
1-Methylnaphthalene	BRL	120 ug/kg dry	1	"	"	"	"	"	
Isophorone	BRL	120 ug/kg dry	1	"	"	"	"	"	
2-Methylnaphthalene	BRL	120 ug/kg dry	1	"	"	"	"	"	
2-Methylphenol	BRL	120 ug/kg dry	1	"	"	"	"	"	
3-Methylphenol	BRL	120 ug/kg dry	1	"	"	"	"	"	
4-Methylphenol	BRL	120 ug/kg dry	1	"	"	"	"	"	
Naphthalene	BRL	120 ug/kg dry	1	"	"	"	"	"	
2-Nitroaniline	BRL	120 ug/kg dry	1	"	"	"	"	"	
3-Nitroaniline	BRL	120 ug/kg dry	1	"	"	"	"	"	
4-Nitroaniline	BRL	120 ug/kg dry	1	"	"	"	"	"	
Nitrobenzene	BRL	120 ug/kg dry	1	"	"	"	"	"	
2-Nitrophenol	BRL	120 ug/kg dry	1	"	"	"	"	"	
4-Nitrophenol	BRL	120 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodimethylamine	BRL	120 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodi-n-propylamine	BRL	120 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodiphenylamine	BRL	120 ug/kg dry	1	"	"	"	"	"	
Pentachlorophenol	BRL	120 ug/kg dry	1	"	"	"	"	"	
Phenanthrene	BRL	120 ug/kg dry	1	"	"	"	"	"	
Phenol	BRL	120 ug/kg dry	1	"	"	"	"	"	
Pyrene	BRL	120 ug/kg dry	1	"	"	"	"	"	
Pyridine	BRL	120 ug/kg dry	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	120 ug/kg dry	1	"	"	"	"	"	
2,4,5-Trichlorophenol	BRL	120 ug/kg dry	1	"	"	"	"	"	
2,4,6-Trichlorophenol	BRL	120 ug/kg dry	1	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl	*55.0*	*30-130 %*		"	"	"	"	"	
Surrogate: 2-Fluorophenol	*64.1*	*15-110 %*		"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*47.8*	*30-130 %*		"	"	"	"	"	
Surrogate: Phenol-d5	*57.1*	*15-110 %*		"	"	"	"	"	
Surrogate: Terphenyl-dl4	*66.4*	*30-130 %*		"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol	*69.8*	*15-110 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-25 (4-6) 3A07010-10	0013172	Soil	07-Jan-04 14:13	08-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Total Metals by EPA 6000/7000 Series Methods, Prepared by SW846 3050B									
Mercury	BRL	0.201 mg/kg dry	1	SW846 7471A	08-Jan-04	09-Jan-04	4010350	YP	
Total Metals by EPA 200 Series Methods									
Silver	BRL	2.34 mg/kg dry	1	EPA 200.7	"	08-Jan-04	4010346	CR	
Aluminum	12,200	3.50 mg/kg dry	1	"	"	"	"	"	
Arsenic	BRL	3.50 mg/kg dry	1	"	"	"	"	"	
Barium	69.4	1.17 mg/kg dry	1	"	"	"	"	"	
Beryllium	0.596	0.467 mg/kg dry	1	"	"	"	"	"	
Calcium	3,860	11.7 mg/kg dry	1	"	"	"	"	"	
Cadmium	0.794	0.584 mg/kg dry	1	"	"	"	"	"	
Cobalt	9.29	1.17 mg/kg dry	1	"	"	"	"	"	
Chromium	14.8	1.17 mg/kg dry	1	"	"	"	"	"	
Copper	15.0	1.17 mg/kg dry	1	"	"	"	"	"	
Iron	26,100	11.7 mg/kg dry	10	"	"	"	"	"	
Potassium	694	23.4 mg/kg dry	1	"	"	"	"	"	
Magnesium	3,650	5.84 mg/kg dry	1	"	"	"	"	"	
Manganese	694	0.234 mg/kg dry	1	"	"	"	"	"	
Sodium	132	11.7 mg/kg dry	1	"	"	"	"	"	
Nickel	20.4	1.17 mg/kg dry	1	"	"	"	"	"	
Lead	6.55	1.75 mg/kg dry	1	"	"	"	"	"	
Antimony	BRL	3.50 mg/kg dry	1	"	"	"	"	"	
Selenium	BRL	3.50 mg/kg dry	1	"	"	"	"	"	
Thallium	BRL	3.50 mg/kg dry	1	"	"	"	"	"	
Vanadium	12.7	1.17 mg/kg dry	1	"	"	"	"	"	
Zinc	52.6	1.17 mg/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-25 (4-6) 3A07010-10	0013172	Soil	07-Jan-04 14:13	08-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
General Chemistry Parameters									
% Solids	85.5	%	1	SM2540 G Mod.	08-Jan-04	09-Jan-04	4010348	ln	
Hexavalent Chromium	BRL	11.4 mg/kg dry	1	SW846 3060A	08-Jan-04	09-Jan-04	4010391	aj	
Cyanide (total)	BRL	1.14 mg/kg dry	1	I0-204-00-1-A	09-Jan-04	09-Jan-04	4010417	AW	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-25 (4-6) SA07010-10RE1	0013172	Soil	07-Jan-04 14:13	08-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5035A							
Acetone	BRL	100 ug/kg dry	1	SW 846 8260B	09-Jan-04	09-Jan-04	4010367	tim	
Acrylonitrile	BRL	5.00 ug/kg dry	1	"	"	"	"	"	
Benzene	BRL	5.00 ug/kg dry	1	"	"	"	"	"	
Bromobenzene	BRL	5.00 ug/kg dry	1	"	"	"	"	"	
Bromochloromethane	BRL	5.00 ug/kg dry	1	"	"	"	"	"	
Bromodichloromethane	BRL	5.00 ug/kg dry	1	"	"	"	"	"	
Bromoform	BRL	5.00 ug/kg dry	1	"	"	"	"	"	
Bromomethane	BRL	10.0 ug/kg dry	1	"	"	"	"	"	
2-Butanone (MEK)	265	50.0 ug/kg dry	1	"	"	"	"	"	VOC6
n-Butylbenzene	BRL	5.00 ug/kg dry	1	"	"	"	"	"	
sec-Butylbenzene	BRL	5.00 ug/kg dry	1	"	"	"	"	"	
tert-Butylbenzene	BRL	5.00 ug/kg dry	1	"	"	"	"	"	
Carbon disulfide	BRL	25.0 ug/kg dry	1	"	"	"	"	"	
Carbon tetrachloride	BRL	5.00 ug/kg dry	1	"	"	"	"	"	
Chlorobenzene	BRL	5.00 ug/kg dry	1	"	"	"	"	"	
Chloroethane	BRL	10.0 ug/kg dry	1	"	"	"	"	"	
Chloroform	BRL	5.00 ug/kg dry	1	"	"	"	"	"	
Chloromethane	BRL	10.0 ug/kg dry	1	"	"	"	"	"	
2-Chlorotoluene	BRL	5.00 ug/kg dry	1	"	"	"	"	"	
4-Chlorotoluene	BRL	5.00 ug/kg dry	1	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	10.0 ug/kg dry	1	"	"	"	"	"	
Dibromochloromethane	BRL	5.00 ug/kg dry	1	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	5.00 ug/kg dry	1	"	"	"	"	"	
Dibromomethane	BRL	5.00 ug/kg dry	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	5.00 ug/kg dry	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	5.00 ug/kg dry	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	5.00 ug/kg dry	1	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	10.0 ug/kg dry	1	"	"	"	"	"	
1,1-Dichloroethane	BRL	5.00 ug/kg dry	1	"	"	"	"	"	
1,2-Dichloroethane	BRL	5.00 ug/kg dry	1	"	"	"	"	"	
1,1-Dichloroethene	BRL	5.00 ug/kg dry	1	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	5.00 ug/kg dry	1	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	5.00 ug/kg dry	1	"	"	"	"	"	
1,2-Dichloropropane	BRL	5.00 ug/kg dry	1	"	"	"	"	"	
1,3-Dichloropropane	BRL	5.00 ug/kg dry	1	"	"	"	"	"	
2,2-Dichloropropane	BRL	5.00 ug/kg dry	1	"	"	"	"	"	
1,1-Dichloropropene	BRL	5.00 ug/kg dry	1	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	5.00 ug/kg dry	1	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	5.00 ug/kg dry	1	"	"	"	"	"	
Ethylbenzene	BRL	5.00 ug/kg dry	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	5.00 ug/kg dry	1	"	"	"	"	"	
2-Hexanone (MBK)	BRL	50.0 ug/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-25 (4-6) 3A07010-10RE1	0013172	Soil	07-Jan-04 14:13	08-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5035A							
Isopropylbenzene	BRL	5.00 ug/kg dry	1	"	"	"	"	"	
4-Isopropyltoluene	BRL	5.00 ug/kg dry	1	"	"	"	"	"	
Methyl tert-butyl ether	BRL	5.00 ug/kg dry	1	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	50.0 ug/kg dry	1	"	"	"	"	"	
Methylene chloride	BRL	50.0 ug/kg dry	1	"	"	"	"	"	
Naphthalene	BRL	5.00 ug/kg dry	1	"	"	"	"	"	
n-Propylbenzene	BRL	5.00 ug/kg dry	1	"	"	"	"	"	
Styrene	BRL	5.00 ug/kg dry	1	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	5.00 ug/kg dry	1	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	5.00 ug/kg dry	1	"	"	"	"	"	
Tetrachloroethene	BRL	5.00 ug/kg dry	1	"	"	"	"	"	
Toluene	BRL	5.00 ug/kg dry	1	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	5.00 ug/kg dry	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	5.00 ug/kg dry	1	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	5.00 ug/kg dry	1	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	5.00 ug/kg dry	1	"	"	"	"	"	
Trichloroethene	40.2	5.00 ug/kg dry	1	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	5.00 ug/kg dry	1	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	5.00 ug/kg dry	1	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	5.00 ug/kg dry	1	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	5.00 ug/kg dry	1	"	"	"	"	"	
Vinyl chloride	BRL	5.00 ug/kg dry	1	"	"	"	"	"	
m,p-Xylene	BRL	10.0 ug/kg dry	1	"	"	"	"	"	
o-Xylene	BRL	5.00 ug/kg dry	1	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*91.0*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*98.4*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*98.2*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*106*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-27 (2.5-4.5) JA07010-11	0013172	Soil	07-Jan-04 15:15	08-Jan-04

Analyte(s)	*Result*	*RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GC									
Polychlorinated Biphenyls by SW846 8082		Prepared by method SW846 3550B							
PCB 1016	BRL	37.3 ug/kg dry	1	SW846 8082	08-Jan-04	08-Jan-04	4010292	TG	
PCB 1221	BRL	37.3 ug/kg dry	1	"	"	"	"	"	
PCB 1232	BRL	37.3 ug/kg dry	1	"	"	"	"	"	
PCB 1242	BRL	37.3 ug/kg dry	1	"	"	"	"	"	
PCB 1248	BRL	37.3 ug/kg dry	1	"	"	"	"	"	
PCB 1254	BRL	37.3 ug/kg dry	1	"	"	"	"	"	
PCB 1260	BRL	37.3 ug/kg dry	1	"	"	"	"	"	
PCB 1262	BRL	37.3 ug/kg dry	1	"	"	"	"	"	
PCB 1268	BRL	37.3 ug/kg dry	1	"	"	"	"	"	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*98.1*	*40-140 %*		"	"	"	"	"	
Surrogate: Decachlorobiphenyl (Sr)	*47.3*	*40-140 %*		"	"	"	"	"	
Toxicity Characteristics									
pH	7.68	pH Units	1	SW846 9045	08-Jan-04 12:30	08-Jan-04	4010356	ln	
General Chemistry Parameters									
% Solids	82.3	%	1	SM2540 G Mod.	08-Jan-04	09-Jan-04	4010348	ln	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi WP1	0013172	Wipe	07-Jan-04 16:32	08-Jan-04
'A07010-12				

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GC									
Polychlorinated Biphenyls by SW846 8082		Prepared by method SW846 3510C							
PCB 1016	BRL	0.250 ug/Wipe	1	SW846 8082	09-Jan-04	09-Jan-04	4010427	MB	
PCB 1221	BRL	0.250 ug/Wipe	1	"	"	"	"	"	
PCB 1232	BRL	0.250 ug/Wipe	1	"	"	"	"	"	
PCB 1242	BRL	0.250 ug/Wipe	1	"	"	"	"	"	
PCB 1248	BRL	0.250 ug/Wipe	1	"	"	"	"	"	
PCB 1254	BRL	0.250 ug/Wipe	1	"	"	"	"	"	
PCB 1260	BRL	0.250 ug/Wipe	1	"	"	"	"	"	
PCB 1262	BRL	0.250 ug/Wipe	1	"	"	"	"	"	
PCB 1268	BRL	0.250 ug/Wipe	1	"	"	"	"	"	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*70.0*	*40-140 %*		"	"	"	"	"	
Surrogate: Decachlorobiphenyl (Sr)	*47.0*	*40-140 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi WP2 SA07010-13	0013172	Wipe	07-Jan-04 16:46	08-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GC									
Polychlorinated Biphenyls by SW846 8082		Prepared by method SW846 3510C							
PCB 1016	BRL	0.250 ug/Wipe	1	SW846 8082	09-Jan-04	09-Jan-04	4010427	MB	
PCB 1221	BRL	0.250 ug/Wipe	1	"	"	"	"	"	
PCB 1232	BRL	0.250 ug/Wipe	1	"	"	"	"	"	
PCB 1242	BRL	0.250 ug/Wipe	1	"	"	"	"	"	
PCB 1248	BRL	0.250 ug/Wipe	1	"	"	"	"	"	
PCB 1254	BRL	0.250 ug/Wipe	1	"	"	"	"	"	
PCB 1260	BRL	0.250 ug/Wipe	1	"	"	"	"	"	
PCB 1262	BRL	0.250 ug/Wipe	1	"	"	"	"	"	
PCB 1268	BRL	0.250 ug/Wipe	1	"	"	"	"	"	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*85.6*	*40-140 %*		"	"	"	"	"	
Surrogate: Decachlorobiphenyl (Sr)	*54.4*	*40-140 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi WP Blank SA07010-14	0013172	Wipe	07-Jan-04 00:00	08-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GC									
Polychlorinated Biphenyls by SW846 8082		Prepared by method SW846 3510C							
PCB 1016	BRL	0.250 ug/Wipe	1	SW846 8082	09-Jan-04	09-Jan-04	4010427	MB	
PCB 1221	BRL	0.250 ug/Wipe	1	"	"	"	"	"	
PCB 1232	BRL	0.250 ug/Wipe	1	"	"	"	"	"	
PCB 1242	BRL	0.250 ug/Wipe	1	"	"	"	"	"	
PCB 1248	BRL	0.250 ug/Wipe	1	"	"	"	"	"	
PCB 1254	BRL	0.250 ug/Wipe	1	"	"	"	"	"	
PCB 1260	BRL	0.250 ug/Wipe	1	"	"	"	"	"	
PCB 1262	BRL	0.250 ug/Wipe	1	"	"	"	"	"	
PCB 1268	BRL	0.250 ug/Wipe	1	"	"	"	"	"	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*96.2*	*40-140 %*		"	"	"	"	"	
Surrogate: Decachlorobiphenyl (Sr)	*85.6*	*40-140 %*		"	"	"	"	"	

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010311 - SW846 5030 Soil MS										
Blank (4010311-BLK1)				Prepared & Analyzed: 08-Jan-04						
Acetone	BRL	20.0	ug/kg wet							
Acrylonitrile	BRL	1.00	ug/kg wet							
Benzene	BRL	1.00	ug/kg wet							
Bromobenzene	BRL	1.00	ug/kg wet							
Bromochloromethane	BRL	1.00	ug/kg wet							
Bromodichloromethane	BRL	1.00	ug/kg wet							
Bromoform	BRL	1.00	ug/kg wet							
Bromomethane	BRL	2.00	ug/kg wet							
2-Butanone (MEK)	BRL	10.0	ug/kg wet							
n-Butylbenzene	BRL	1.00	ug/kg wet							
sec-Butylbenzene	BRL	1.00	ug/kg wet							
tert-Butylbenzene	BRL	1.00	ug/kg wet							
Carbon disulfide	BRL	5.00	ug/kg wet							
Carbon tetrachloride	BRL	1.00	ug/kg wet							
Chlorobenzene	BRL	1.00	ug/kg wet							
Chloroethane	BRL	2.00	ug/kg wet							
Chloroform	BRL	1.00	ug/kg wet							
Chloromethane	BRL	2.00	ug/kg wet							
2-Chlorotoluene	BRL	1.00	ug/kg wet							
4-Chlorotoluene	BRL	1.00	ug/kg wet							
1,2-Dibromo-3-chloropropane	BRL	2.00	ug/kg wet							
Dibromochloromethane	BRL	1.00	ug/kg wet							
1,2-Dibromoethane (EDB)	BRL	1.00	ug/kg wet							
Dibromomethane	BRL	1.00	ug/kg wet							
1,2-Dichlorobenzene	BRL	1.00	ug/kg wet							
1,3-Dichlorobenzene	BRL	1.00	ug/kg wet							
1,4-Dichlorobenzene	BRL	1.00	ug/kg wet							
Dichlorodifluoromethane (Freon12)	BRL	2.00	ug/kg wet							
1,1-Dichloroethane	BRL	1.00	ug/kg wet							
1,2-Dichloroethane	BRL	1.00	ug/kg wet							
1,1-Dichloroethene	BRL	1.00	ug/kg wet							
cis-1,2-Dichloroethene	BRL	1.00	ug/kg wet							
trans-1,2-Dichloroethene	BRL	1.00	ug/kg wet							
1,2-Dichloropropane	BRL	1.00	ug/kg wet							
1,3-Dichloropropane	BRL	1.00	ug/kg wet							
2,2-Dichloropropane	BRL	1.00	ug/kg wet							
1,1-Dichloropropene	BRL	1.00	ug/kg wet							
cis-1,3-Dichloropropene	BRL	1.00	ug/kg wet							
trans-1,3-Dichloropropene	BRL	1.00	ug/kg wet							
Ethylbenzene	BRL	1.00	ug/kg wet							
Hexachlorobutadiene	BRL	1.00	ug/kg wet							
2-Hexanone (MBK)	BRL	10.0	ug/kg wet							
Isopropylbenzene	BRL	1.00	ug/kg wet							
4-Isopropyltoluene	BRL	1.00	ug/kg wet							
Methyl tert-butyl ether	BRL	1.00	ug/kg wet							
4-Methyl-2-pentanone (MIBK)	BRL	10.0	ug/kg wet							
Methylene chloride	BRL	10.0	ug/kg wet							
Naphthalene	BRL	1.00	ug/kg wet							
n-Propylbenzene	BRL	1.00	ug/kg wet							
Styrene	BRL	1.00	ug/kg wet							
1,1,1,2-Tetrachloroethane	BRL	1.00	ug/kg wet							
1,1,2,2-Tetrachloroethane	BRL	1.00	ug/kg wet							
Tetrachloroethene	BRL	1.00	ug/kg wet							
Toluene	BRL	1.00	ug/kg wet							

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010311 - SW846 5030 Soil MS										
Blank (4010311-BLK1)				Prepared & Analyzed: 08-Jan-04						
1,2,3-Trichlorobenzene	BRL	1.00	ug/kg wet							
1,2,4-Trichlorobenzene	BRL	1.00	ug/kg wet							
1,1,1-Trichloroethane	BRL	1.00	ug/kg wet							
1,1,2-Trichloroethane	BRL	1.00	ug/kg wet							
Trichloroethene	BRL	1.00	ug/kg wet							
Trichlorofluoromethane (Freon 11)	BRL	1.00	ug/kg wet							
1,2,3-Trichloropropane	BRL	1.00	ug/kg wet							
1,2,4-Trimethylbenzene	BRL	1.00	ug/kg wet							
1,3,5-Trimethylbenzene	BRL	1.00	ug/kg wet							
Vinyl chloride	BRL	1.00	ug/kg wet							
m,p-Xylene	BRL	2.00	ug/kg wet							
o-Xylene	BRL	1.00	ug/kg wet							
Surrogate: 4-Bromofluorobenzene	*47.7*		ug/kg wet	*50.0*		*95.4*	*70-130*			
Surrogate: Toluene-d8	*47.2*		ug/kg wet	*50.0*		*94.4*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*53.8*		ug/kg wet	*50.0*		*108*	*70-130*			
Surrogate: Dibromofluoromethane	*52.2*		ug/kg wet	*50.0*		*104*	*70-130*			
Matrix Spike (4010311-MS1)	Source: SA07010-10			Prepared & Analyzed: 08-Jan-04						
Benzene	18.7		ug/kg dry	20.0	BRL	93.5	70-130			
Chlorobenzene	19.0		ug/kg dry	20.0	BRL	95.0	70-130			
1,1-Dichloroethene	15.0		ug/kg dry	20.0	BRL	75.0	70-130			
Toluene	20.7		ug/kg dry	20.0	BRL	104	70-130			
Trichloroethene	20.9		ug/kg dry	20.0	1.93	94.8	70-130			
Surrogate: 4-Bromofluorobenzene	*49.6*		ug/kg dry	*50.0*		*99.2*	*70-130*			
Surrogate: Toluene-d8	*51.2*		ug/kg dry	*50.0*		*102*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*51.5*		ug/kg dry	*50.0*		*103*	*70-130*			
Surrogate: Dibromofluoromethane	*51.1*		ug/kg dry	*50.0*		*102*	*70-130*			
Matrix Spike Dup (4010311-MSD1)	Source: SA07010-10			Prepared & Analyzed: 08-Jan-04						
Benzene	19.5		ug/kg dry	20.0	BRL	97.5	70-130	4.19	30	
Chlorobenzene	19.0		ug/kg dry	20.0	BRL	95.0	70-130	0.00	30	
1,1-Dichloroethene	15.6		ug/kg dry	20.0	BRL	78.0	70-130	3.92	30	
Toluene	20.2		ug/kg dry	20.0	BRL	101	70-130	2.93	30	
Trichloroethene	22.2		ug/kg dry	20.0	1.93	101	70-130	6.33	30	
Surrogate: 4-Bromofluorobenzene	*47.6*		ug/kg dry	*50.0*		*95.2*	*70-130*			
Surrogate: Toluene-d8	*48.9*		ug/kg dry	*50.0*		*97.8*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*54.8*		ug/kg dry	*50.0*		*110*	*70-130*			
Surrogate: Dibromofluoromethane	*51.2*		ug/kg dry	*50.0*		*102*	*70-130*			
Batch 4010321 - Volatiles										
Blank (4010321-BLK1)				Prepared & Analyzed: 08-Jan-04						
Acetone	BRL	20.0	ug/l							
Acrylonitrile	BRL	1.00	ug/l							
Benzene	BRL	1.00	ug/l							
Bromobenzene	BRL	1.00	ug/l							
Bromochloromethane	BRL	1.00	ug/l							
Bromodichloromethane	BRL	1.00	ug/l							
Bromoform	BRL	1.00	ug/l							
Bromomethane	BRL	2.00	ug/l							
2-Butanone (MEK)	BRL	10.0	ug/l							
n-Butylbenzene	BRL	1.00	ug/l							
sec-Butylbenzene	BRL	1.00	ug/l							
tert-Butylbenzene	BRL	1.00	ug/l							
Carbon disulfide	BRL	5.00	ug/l							
Carbon tetrachloride	BRL	1.00	ug/l							

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010321 - Volatiles										
Blank (4010321-BLK1)				Prepared & Analyzed: 08-Jan-04						
Chlorobenzene	BRL	1.00	ug/l							
Chloroethane	BRL	2.00	ug/l							
Chloroform	BRL	1.00	ug/l							
Chloromethane	BRL	2.00	ug/l							
2-Chlorotoluene	BRL	1.00	ug/l							
4-Chlorotoluene	BRL	1.00	ug/l							
1,2-Dibromo-3-chloropropane	BRL	2.00	ug/l							
Dibromochloromethane	BRL	1.00	ug/l							
1,2-Dibromoethane (EDB)	BRL	1.00	ug/l							
Dibromomethane	BRL	1.00	ug/l							
1,2-Dichlorobenzene	BRL	1.00	ug/l							
1,3-Dichlorobenzene	BRL	1.00	ug/l							
1,4-Dichlorobenzene	BRL	1.00	ug/l							
Dichlorodifluoromethane (Freon12)	BRL	2.00	ug/l							
1,1-Dichloroethane	BRL	1.00	ug/l							
1,2-Dichloroethane	BRL	1.00	ug/l							
1,1-Dichloroethene	BRL	1.00	ug/l							
cis-1,2-Dichloroethene	BRL	1.00	ug/l							
trans-1,2-Dichloroethene	BRL	1.00	ug/l							
1,2-Dichloropropane	BRL	1.00	ug/l							
1,3-Dichloropropane	BRL	1.00	ug/l							
2,2-Dichloropropane	BRL	1.00	ug/l							
1,1-Dichloropropene	BRL	1.00	ug/l							
cis-1,3-Dichloropropene	BRL	1.00	ug/l							
trans-1,3-Dichloropropene	BRL	1.00	ug/l							
Ethylbenzene	BRL	1.00	ug/l							
Hexachlorobutadiene	BRL	1.00	ug/l							
2-Hexanone (MBK)	BRL	10.0	ug/l							
Isopropylbenzene	BRL	1.00	ug/l							
4-Isopropyltoluene	BRL	1.00	ug/l							
Methyl tert-butyl ether	BRL	1.00	ug/l							
4-Methyl-2-pentanone (MIBK)	BRL	10.0	ug/l							
Methylene chloride	BRL	10.0	ug/l							
Naphthalene	BRL	1.00	ug/l							
n-Propylbenzene	BRL	1.00	ug/l							
Styrene	BRL	1.00	ug/l							
1,1,1,2-Tetrachloroethane	BRL	1.00	ug/l							
1,1,2,2-Tetrachloroethane	BRL	1.00	ug/l							
Tetrachloroethene	BRL	1.00	ug/l							
Toluene	BRL	1.00	ug/l							
1,2,3-Trichlorobenzene	BRL	1.00	ug/l							
1,2,4-Trichlorobenzene	BRL	1.00	ug/l							
1,1,1-Trichloroethane	BRL	1.00	ug/l							
1,1,2-Trichloroethane	BRL	1.00	ug/l							
Trichloroethene	BRL	1.00	ug/l							
Trichlorofluoromethane (Freon 11)	BRL	1.00	ug/l							
1,2,3-Trichloropropane	BRL	1.00	ug/l							
1,2,4-Trimethylbenzene	BRL	1.00	ug/l							
1,3,5-Trimethylbenzene	BRL	1.00	ug/l							
Vinyl chloride	BRL	1.00	ug/l							
m,p-Xylene	BRL	2.00	ug/l							
o-Xylene	BRL	1.00	ug/l							
Surrogate: 4-Bromofluorobenzene	*27.7*		ug/l	*30.0*		*92.3*	*70-130*			
Surrogate: Toluene-d8	*29.9*		ug/l	*30.0*		*99.7*	*70-130*			

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010321 - Volatiles										
Blank (4010321-BLK1)				Prepared & Analyzed: 08-Jan-04						
Surrogate: 1,2-Dichloroethane-d4	*30.2*		ug/l	*30.0*		*101*	*70-130*			
Surrogate: Dibromofluoromethane	*30.5*		ug/l	*30.0*		*102*	*70-130*			
Matrix Spike (4010321-MS1)	Source: SA07007-02RE1 Prepared & Analyzed: 08-Jan-04									
Benzene	20.9		ug/l	20.0	BRL	104	70-130			
Chlorobenzene	21.8		ug/l	20.0	BRL	109	70-130			
1,1-Dichloroethene	20.3		ug/l	20.0	BRL	102	70-130			
Toluene	22.0		ug/l	20.0	BRL	110	70-130			
Trichloroethene	20.7		ug/l	20.0	BRL	104	70-130			
Surrogate: 4-Bromofluorobenzene	*32.0*		ug/l	*30.0*		*107*	*70-130*			
Surrogate: Toluene-d8	*29.3*		ug/l	*30.0*		*97.7*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*32.9*		ug/l	*30.0*		*110*	*70-130*			
Surrogate: Dibromofluoromethane	*31.7*		ug/l	*30.0*		*106*	*70-130*			
Matrix Spike Dup (4010321-MSD1)	Source: SA07007-02RE1 Prepared & Analyzed: 08-Jan-04									
Benzene	20.3		ug/l	20.0	BRL	102	70-130	1.94	30	
Chlorobenzene	21.2		ug/l	20.0	BRL	106	70-130	2.79	30	
1,1-Dichloroethene	20.2		ug/l	20.0	BRL	101	70-130	0.985	30	
Toluene	20.4		ug/l	20.0	BRL	102	70-130	7.55	30	
Trichloroethene	20.9		ug/l	20.0	BRL	104	70-130	0.00	30	
Surrogate: 4-Bromofluorobenzene	*31.0*		ug/l	*30.0*		*103*	*70-130*			
Surrogate: Toluene-d8	*30.4*		ug/l	*30.0*		*101*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*33.0*		ug/l	*30.0*		*110*	*70-130*			
Surrogate: Dibromofluoromethane	*32.0*		ug/l	*30.0*		*107*	*70-130*			
Batch 4010367 - SW846 5035A										
Blank (4010367-BLK1)				Prepared & Analyzed: 09-Jan-04						
Acetone	BRL	100	ug/kg wet							
Acrylonitrile	BRL	5.00	ug/kg wet							
Benzene	BRL	5.00	ug/kg wet							
Bromobenzene	BRL	5.00	ug/kg wet							
Bromochloromethane	BRL	5.00	ug/kg wet							
Bromodichloromethane	BRL	5.00	ug/kg wet							
Bromoform	BRL	5.00	ug/kg wet							
Bromomethane	BRL	10.0	ug/kg wet							
2-Butanone (MEK)	BRL	50.0	ug/kg wet							
n-Butylbenzene	BRL	5.00	ug/kg wet							
sec-Butylbenzene	BRL	5.00	ug/kg wet							
tert-Butylbenzene	BRL	5.00	ug/kg wet							
Carbon disulfide	BRL	25.0	ug/kg wet							
Carbon tetrachloride	BRL	5.00	ug/kg wet							
Chlorobenzene	BRL	5.00	ug/kg wet							
Chloroethane	BRL	10.0	ug/kg wet							
Chloroform	BRL	5.00	ug/kg wet							
Chloromethane	BRL	10.0	ug/kg wet							
2-Chlorotoluene	BRL	5.00	ug/kg wet							
4-Chlorotoluene	BRL	5.00	ug/kg wet							
1,2-Dibromo-3-chloropropane	BRL	10.0	ug/kg wet							
Dibromochloromethane	BRL	5.00	ug/kg wet							
1,2-Dibromoethane (EDB)	BRL	5.00	ug/kg wet							
Dibromomethane	BRL	5.00	ug/kg wet							
1,2-Dichlorobenzene	BRL	5.00	ug/kg wet							
1,3-Dichlorobenzene	BRL	5.00	ug/kg wet							
1,4-Dichlorobenzene	BRL	5.00	ug/kg wet							
Dichlorodifluoromethane (Freon12)	BRL	10.0	ug/kg wet							

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010367 - SW846 5035A										
Blank (4010367-BLK1)				Prepared & Analyzed: 09-Jan-04						
1,1-Dichloroethane	BRL	5.00	ug/kg wet							
1,2-Dichloroethane	BRL	5.00	ug/kg wet							
1,1-Dichloroethene	BRL	5.00	ug/kg wet							
cis-1,2-Dichloroethene	BRL	5.00	ug/kg wet							
trans-1,2-Dichloroethene	BRL	5.00	ug/kg wet							
1,2-Dichloropropane	BRL	5.00	ug/kg wet							
1,3-Dichloropropane	BRL	5.00	ug/kg wet							
2,2-Dichloropropane	BRL	5.00	ug/kg wet							
1,1-Dichloropropene	BRL	5.00	ug/kg wet							
cis-1,3-Dichloropropene	BRL	5.00	ug/kg wet							
trans-1,3-Dichloropropene	BRL	5.00	ug/kg wet							
Ethylbenzene	BRL	5.00	ug/kg wet							
Hexachlorobutadiene	BRL	5.00	ug/kg wet							
2-Hexanone (MBK)	BRL	50.0	ug/kg wet							
Isopropylbenzene	BRL	5.00	ug/kg wet							
4-Isopropyltoluene	BRL	5.00	ug/kg wet							
Methyl tert-butyl ether	BRL	5.00	ug/kg wet							
4-Methyl-2-pentanone (MIBK)	BRL	50.0	ug/kg wet							
Methylene chloride	BRL	50.0	ug/kg wet							
Naphthalene	BRL	5.00	ug/kg wet							
n-Propylbenzene	BRL	5.00	ug/kg wet							
Styrene	BRL	5.00	ug/kg wet							
1,1,1,2-Tetrachloroethane	BRL	5.00	ug/kg wet							
1,1,2,2-Tetrachloroethane	BRL	5.00	ug/kg wet							
Tetrachloroethene	BRL	5.00	ug/kg wet							
Toluene	BRL	5.00	ug/kg wet							
1,2,3-Trichlorobenzene	BRL	5.00	ug/kg wet							
1,2,4-Trichlorobenzene	BRL	5.00	ug/kg wet							
1,1,1-Trichloroethane	BRL	5.00	ug/kg wet							
1,1,2-Trichloroethane	BRL	5.00	ug/kg wet							
Trichloroethene	BRL	5.00	ug/kg wet							
Trichlorofluoromethane (Freon 11)	BRL	5.00	ug/kg wet							
1,2,3-Trichloropropane	BRL	5.00	ug/kg wet							
1,2,4-Trimethylbenzene	BRL	5.00	ug/kg wet							
1,3,5-Trimethylbenzene	BRL	5.00	ug/kg wet							
Vinyl chloride	BRL	5.00	ug/kg wet							
m,p-Xylene	BRL	10.0	ug/kg wet							
o-Xylene	BRL	5.00	ug/kg wet							
Surrogate: 4-Bromofluorobenzene	*50.1*		ug/kg wet	*50.0*		*100*	*70-130*			
Surrogate: Toluene-d8	*49.9*		ug/kg wet	*50.0*		*99.8*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*49.4*		ug/kg wet	*50.0*		*98.8*	*70-130*			
Surrogate: Dibromofluoromethane	*52.7*		ug/kg wet	*50.0*		*105*	*70-130*			
Batch 4010373 - SW846 5030 Soil MS										
Blank (4010373-BLK1)				Prepared & Analyzed: 09-Jan-04						
Acetone	BRL	20.0	ug/kg wet							
Acrylonitrile	BRL	1.00	ug/kg wet							
Benzene	BRL	1.00	ug/kg wet							
Bromobenzene	BRL	1.00	ug/kg wet							
Bromochloromethane	BRL	1.00	ug/kg wet							
Bromodichloromethane	BRL	1.00	ug/kg wet							
Bromoform	BRL	1.00	ug/kg wet							
Bromomethane	BRL	2.00	ug/kg wet							
2-Butanone (MEK)	BRL	10.0	ug/kg wet							

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010373 - SW846 5030 Soil MS										
Blank (4010373-BLK1)				Prepared & Analyzed: 09-Jan-04						
n-Butylbenzene	BRL	1.00	ug/kg wet							
sec-Butylbenzene	BRL	1.00	ug/kg wet							
tert-Butylbenzene	BRL	1.00	ug/kg wet							
Carbon disulfide	BRL	5.00	ug/kg wet							
Carbon tetrachloride	BRL	1.00	ug/kg wet							
Chlorobenzene	BRL	1.00	ug/kg wet							
Chloroethane	BRL	2.00	ug/kg wet							
Chloroform	BRL	1.00	ug/kg wet							
Chloromethane	BRL	2.00	ug/kg wet							
2-Chlorotoluene	BRL	1.00	ug/kg wet							
4-Chlorotoluene	BRL	1.00	ug/kg wet							
1,2-Dibromo-3-chloropropane	BRL	2.00	ug/kg wet							
Dibromochloromethane	BRL	1.00	ug/kg wet							
1,2-Dibromoethane (EDB)	BRL	1.00	ug/kg wet							
Dibromomethane	BRL	1.00	ug/kg wet							
1,2-Dichlorobenzene	BRL	1.00	ug/kg wet							
1,3-Dichlorobenzene	BRL	1.00	ug/kg wet							
1,4-Dichlorobenzene	BRL	1.00	ug/kg wet							
Dichlorodifluoromethane (Freon12)	BRL	2.00	ug/kg wet							
1,1-Dichloroethane	BRL	1.00	ug/kg wet							
1,2-Dichloroethane	BRL	1.00	ug/kg wet							
1,1-Dichloroethene	BRL	1.00	ug/kg wet							
cis-1,2-Dichloroethene	BRL	1.00	ug/kg wet							
trans-1,2-Dichloroethene	BRL	1.00	ug/kg wet							
1,2-Dichloropropane	BRL	1.00	ug/kg wet							
1,3-Dichloropropane	BRL	1.00	ug/kg wet							
2,2-Dichloropropane	BRL	1.00	ug/kg wet							
1,1-Dichloropropene	BRL	1.00	ug/kg wet							
cis-1,3-Dichloropropene	BRL	1.00	ug/kg wet							
trans-1,3-Dichloropropene	BRL	1.00	ug/kg wet							
Ethylbenzene	BRL	1.00	ug/kg wet							
Hexachlorobutadiene	BRL	1.00	ug/kg wet							
2-Hexanone (MBK)	BRL	10.0	ug/kg wet							
Isopropylbenzene	BRL	1.00	ug/kg wet							
4-Isopropyltoluene	BRL	1.00	ug/kg wet							
Methyl tert-butyl ether	BRL	1.00	ug/kg wet							
4-Methyl-2-pentanone (MIBK)	BRL	10.0	ug/kg wet							
Methylene chloride	BRL	10.0	ug/kg wet							
Naphthalene	BRL	1.00	ug/kg wet							
n-Propylbenzene	BRL	1.00	ug/kg wet							
Styrene	BRL	1.00	ug/kg wet							
1,1,1,2-Tetrachloroethane	BRL	1.00	ug/kg wet							
1,1,2,2-Tetrachloroethane	BRL	1.00	ug/kg wet							
Tetrachloroethene	BRL	1.00	ug/kg wet							
Toluene	BRL	1.00	ug/kg wet							
1,2,3-Trichlorobenzene	BRL	1.00	ug/kg wet							
1,2,4-Trichlorobenzene	BRL	1.00	ug/kg wet							
1,1,1-Trichloroethane	BRL	1.00	ug/kg wet							
1,1,2-Trichloroethane	BRL	1.00	ug/kg wet							
Trichloroethene	BRL	1.00	ug/kg wet							
Trichlorofluoromethane (Freon 11)	BRL	1.00	ug/kg wet							
1,2,3-Trichloropropane	BRL	1.00	ug/kg wet							
1,2,4-Trimethylbenzene	BRL	1.00	ug/kg wet							
1,3,5-Trimethylbenzene	BRL	1.00	ug/kg wet							

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010373 - SW846 5030 Soil MS										
Blank (4010373-BLK1)				Prepared & Analyzed: 09-Jan-04						
Vinyl chloride	BRL	1.00	ug/kg wet							
m,p-Xylene	BRL	2.00	ug/kg wet							
o-Xylene	BRL	1.00	ug/kg wet							
Surrogate: 4-Bromofluorobenzene	*48.4*		ug/kg wet	*50.0*		*96.8*	*70-130*			
Surrogate: Toluene-d8	*47.3*		ug/kg wet	*50.0*		*94.6*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*53.8*		ug/kg wet	*50.0*		*108*	*70-130*			
Surrogate: Dibromofluoromethane	*53.2*		ug/kg wet	*50.0*		*106*	*70-130*			
Matrix Spike (4010373-MS1)	Source: SA07053-01			Prepared & Analyzed: 09-Jan-04						
Benzene	19.5		ug/kg dry	20.0	BRL	97.5	70-130			
Chlorobenzene	17.8		ug/kg dry	20.0	BRL	89.0	70-130			
1,1-Dichloroethene	18.5		ug/kg dry	20.0	BRL	92.5	70-130			
Toluene	18.1		ug/kg dry	20.0	BRL	90.5	70-130			
Trichloroethene	20.6		ug/kg dry	20.0	BRL	103	70-130			
Surrogate: 4-Bromofluorobenzene	*48.1*		ug/kg dry	*50.0*		*96.2*	*70-130*			
Surrogate: Toluene-d8	*46.5*		ug/kg dry	*50.0*		*93.0*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*55.2*		ug/kg dry	*50.0*		*110*	*70-130*			
Surrogate: Dibromofluoromethane	*52.4*		ug/kg dry	*50.0*		*105*	*70-130*			
Matrix Spike Dup (4010373-MSD1)	Source: SA07053-01			Prepared & Analyzed: 09-Jan-04						
Benzene	20.1		ug/kg dry	20.0	BRL	100	70-130	2.53	30	
Chlorobenzene	19.6		ug/kg dry	20.0	BRL	98.0	70-130	9.63	30	
1,1-Dichloroethene	17.0		ug/kg dry	20.0	BRL	85.0	70-130	8.45	30	
Toluene	22.5		ug/kg dry	20.0	BRL	112	70-130	21.2	30	
Trichloroethene	21.4		ug/kg dry	20.0	BRL	107	70-130	3.81	30	
Surrogate: 4-Bromofluorobenzene	*47.0*		ug/kg dry	*50.0*		*94.0*	*70-130*			
Surrogate: Toluene-d8	*54.7*		ug/kg dry	*50.0*		*109*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*53.5*		ug/kg dry	*50.0*		*107*	*70-130*			
Surrogate: Dibromofluoromethane	*49.8*		ug/kg dry	*50.0*		*99.6*	*70-130*			

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010292 - SW846 3550B										
Blank (4010292-BLK1)				Prepared & Analyzed: 08-Jan-04						
PCB 1016	BRL	34.0	ug/kg wet							
PCB 1221	BRL	34.0	ug/kg wet							
PCB 1232	BRL	34.0	ug/kg wet							
PCB 1242	BRL	34.0	ug/kg wet							
PCB 1248	BRL	34.0	ug/kg wet							
PCB 1254	BRL	34.0	ug/kg wet							
PCB 1260	BRL	34.0	ug/kg wet							
PCB 1262	BRL	34.0	ug/kg wet							
PCB 1268	BRL	34.0	ug/kg wet							
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*29.8*		ug/kg wet	*34.0*		*87.6*	*40-140*			
Surrogate: Decachlorobiphenyl (Sr)	*26.5*		ug/kg wet	*34.0*		*77.9*	*40-140*			
Duplicate (4010292-DUP1)		Source: SA06945-16		Prepared & Analyzed: 08-Jan-04						
PCB 1016	BRL	44.6	ug/kg dry		BRL				40	
PCB 1221	BRL	44.6	ug/kg dry		BRL				40	
PCB 1232	BRL	44.6	ug/kg dry		BRL				40	
PCB 1242	BRL	44.6	ug/kg dry		BRL				40	
PCB 1248	BRL	44.6	ug/kg dry		BRL				40	
PCB 1254	BRL	44.6	ug/kg dry		BRL				40	
PCB 1260	BRL	44.6	ug/kg dry		BRL				40	
PCB 1262	BRL	44.6	ug/kg dry		BRL				40	
PCB 1268	BRL	44.6	ug/kg dry		BRL				40	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*36.5*		ug/kg dry	*44.5*		*82.0*	*40-140*			
Surrogate: Decachlorobiphenyl (Sr)	*22.7*		ug/kg dry	*44.5*		*51.0*	*40-140*			
Matrix Spike (4010292-MS1)		Source: SA06945-16		Prepared & Analyzed: 08-Jan-04						
PCB 1016	683	45.3	ug/kg dry	565	BRL	121	40-140			
PCB 1260	638	45.3	ug/kg dry	565	BRL	113	40-140			
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*43.6*		ug/kg dry	*45.2*		*96.5*	*40-140*			
Surrogate: Decachlorobiphenyl (Sr)	*21.7*		ug/kg dry	*45.2*		*48.0*	*40-140*			
Matrix Spike Dup (4010292-MSD1)		Source: SA06945-16		Prepared & Analyzed: 08-Jan-04						
PCB 1016	740	46.0	ug/kg dry	574	BRL	129	40-140	6.40	50	
PCB 1260	652	46.0	ug/kg dry	574	BRL	114	40-140	0.881	50	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*48.8*		ug/kg dry	*45.9*		*106*	*40-140*			
Surrogate: Decachlorobiphenyl (Sr)	*25.2*		ug/kg dry	*45.9*		*54.9*	*40-140*			
Batch 4010427 - SW846 3510C										
Blank (4010427-BLK1)				Prepared & Analyzed: 09-Jan-04						
PCB 1016	BRL	1.00	ug/Wipe							
PCB 1221	BRL	1.00	ug/Wipe							
PCB 1232	BRL	1.00	ug/Wipe							
PCB 1242	BRL	1.00	ug/Wipe							
PCB 1248	BRL	1.00	ug/Wipe							
PCB 1254	BRL	1.00	ug/Wipe							
PCB 1260	BRL	1.00	ug/Wipe							
PCB 1262	BRL	1.00	ug/Wipe							
PCB 1268	BRL	1.00	ug/Wipe							
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.000168*		ug/Wipe	*0.000200*		*84.0*	*40-140*			
Surrogate: Decachlorobiphenyl (Sr)	*0.000144*		ug/Wipe	*0.000200*		*72.0*	*40-140*			

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010322 - SW846 3550B										
Blank (4010322-BLK1)				Prepared: 08-Jan-04 Analyzed: 09-Jan-04						
Acenaphthene	BRL	64.3	ug/kg wet							
Acenaphthylene	BRL	64.3	ug/kg wet							
Aniline	BRL	64.3	ug/kg wet							
Anthracene	BRL	64.3	ug/kg wet							
Azobenzene/Diphenyldiazine	BRL	64.3	ug/kg wet							
Benzidine	BRL	64.3	ug/kg wet							
Benzo (a) anthracene	BRL	64.3	ug/kg wet							
Benzo (a) pyrene	BRL	64.3	ug/kg wet							
Benzo (b) fluoranthene	BRL	64.3	ug/kg wet							
Benzo (g,h,i) perylene	BRL	64.3	ug/kg wet							
Benzo (k) fluoranthene	BRL	64.3	ug/kg wet							
Benzoic acid	BRL	64.3	ug/kg wet							
Benzyl alcohol	BRL	64.3	ug/kg wet							
Bis(2-chloroethoxy)methane	BRL	64.3	ug/kg wet							
Bis(2-chloroethyl)ether	BRL	64.3	ug/kg wet							
Bis(2-chloroisopropyl)ether	BRL	64.3	ug/kg wet							
Bis(2-ethylhexyl)phthalate	BRL	64.3	ug/kg wet							
4-Bromophenyl phenyl ether	BRL	64.3	ug/kg wet							
Butyl benzyl phthalate	BRL	64.3	ug/kg wet							
Carbazole	BRL	64.3	ug/kg wet							
4-Chloro-3-methylphenol	BRL	64.3	ug/kg wet							
4-Chloroaniline	BRL	64.3	ug/kg wet							
2-Chloronaphthalene	BRL	64.3	ug/kg wet							
2-Chlorophenol	BRL	64.3	ug/kg wet							
4-Chlorophenyl phenyl ether	BRL	64.3	ug/kg wet							
Chrysene	BRL	64.3	ug/kg wet							
Dibenzo (a,h) anthracene	BRL	64.3	ug/kg wet							
Dibenzofuran	BRL	64.3	ug/kg wet							
1,2-Dichlorobenzene	BRL	64.3	ug/kg wet							
1,3-Dichlorobenzene	BRL	64.3	ug/kg wet							
1,4-Dichlorobenzene	BRL	64.3	ug/kg wet							
3,3'-Dichlorobenzidine	BRL	64.3	ug/kg wet							
2,4-Dichlorophenol	BRL	64.3	ug/kg wet							
Diethyl phthalate	BRL	64.3	ug/kg wet							
Dimethyl phthalate	BRL	64.3	ug/kg wet							
2,4-Dimethylphenol	BRL	64.3	ug/kg wet							
Di-n-butyl phthalate	BRL	64.3	ug/kg wet							
4,6-Dinitro-2-methylphenol	BRL	64.3	ug/kg wet							
2,4-Dinitrophenol	BRL	64.3	ug/kg wet							
2,4-Dinitrotoluene	BRL	64.3	ug/kg wet							
2,6-Dinitrotoluene	BRL	64.3	ug/kg wet							
Di-n-octyl phthalate	BRL	64.3	ug/kg wet							
Fluoranthene	BRL	64.3	ug/kg wet							
Fluorene	BRL	64.3	ug/kg wet							
Hexachlorobenzene	BRL	64.3	ug/kg wet							
Hexachlorobutadiene	BRL	64.3	ug/kg wet							
Hexachlorocyclopentadiene	BRL	64.3	ug/kg wet							
Hexachloroethane	BRL	64.3	ug/kg wet							
Indeno (1,2,3-cd) pyrene	BRL	64.3	ug/kg wet							
1-Methylnaphthalene	BRL	64.2	ug/kg wet							
Isophorone	BRL	64.3	ug/kg wet							
2-Methylnaphthalene	BRL	64.3	ug/kg wet							
2-Methylphenol	BRL	64.3	ug/kg wet							
3-Methylphenol	BRL	64.3	ug/kg wet							

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010322 - SW846 3550B										
Blank (4010322-BLK1)				Prepared: 08-Jan-04 Analyzed: 09-Jan-04						
4-Methylphenol	BRL	64.3	ug/kg wet							
Naphthalene	BRL	64.3	ug/kg wet							
2-Nitroaniline	BRL	64.3	ug/kg wet							
3-Nitroaniline	BRL	64.3	ug/kg wet							
4-Nitroaniline	BRL	64.3	ug/kg wet							
Nitrobenzene	BRL	64.3	ug/kg wet							
2-Nitrophenol	BRL	64.3	ug/kg wet							
4-Nitrophenol	BRL	64.3	ug/kg wet							
N-Nitrosodimethylamine	BRL	64.3	ug/kg wet							
N-Nitrosodi-n-propylamine	BRL	64.3	ug/kg wet							
N-Nitrosodiphenylamine	BRL	64.3	ug/kg wet							
Pentachlorophenol	BRL	64.3	ug/kg wet							
Phenanthrene	BRL	64.3	ug/kg wet							
Phenol	BRL	64.3	ug/kg wet							
Pyrene	BRL	64.3	ug/kg wet							
Pyridine	BRL	64.3	ug/kg wet							
1,2,4-Trichlorobenzene	BRL	64.3	ug/kg wet							
2,4,5-Trichlorophenol	BRL	64.3	ug/kg wet							
2,4,6-Trichlorophenol	BRL	64.3	ug/kg wet							
Surrogate: 2-Fluorobiphenyl	*3860*		ug/kg wet	*6420*		*60.1*	*30-130*			
Surrogate: 2-Fluorophenol	*4440*		ug/kg wet	*6420*		*69.2*	*15-110*			
Surrogate: Nitrobenzene-d5	*3340*		ug/kg wet	*6420*		*52.0*	*30-130*			
Surrogate: Phenol-d5	*3970*		ug/kg wet	*6420*		*61.8*	*15-110*			
Surrogate: Terphenyl-d14	*4690*		ug/kg wet	*6420*		*73.1*	*30-130*			
Surrogate: 2,4,6-Tribromophenol	*3910*		ug/kg wet	*6420*		*60.9*	*15-110*			
Duplicate (4010322-DUP1)		Source: SA07010-03		Prepared: 08-Jan-04 Analyzed: 09-Jan-04						
Acenaphthene	BRL	120	ug/kg dry		BRL				50	
Acenaphthylene	BRL	120	ug/kg dry		BRL				50	
Aniline	BRL	120	ug/kg dry		BRL				50	
Anthracene	BRL	120	ug/kg dry		BRL				50	
Azobenzene/Diphenyldiazine	BRL	120	ug/kg dry		BRL				50	
Benzidine	BRL	120	ug/kg dry		BRL				50	
Benzo (a) anthracene	BRL	120	ug/kg dry		BRL				50	
Benzo (a) pyrene	BRL	120	ug/kg dry		BRL				50	
Benzo (b) fluoranthene	BRL	120	ug/kg dry		BRL				50	
Benzo (g,h,i) perylene	BRL	120	ug/kg dry		BRL				50	
Benzo (k) fluoranthene	BRL	120	ug/kg dry		BRL				50	
Benzoic acid	BRL	120	ug/kg dry		BRL				50	
Benzyl alcohol	BRL	120	ug/kg dry		57.1			10.1	50	
Bis(2-chloroethoxy)methane	BRL	120	ug/kg dry		BRL				50	
Bis(2-chloroethyl)ether	BRL	120	ug/kg dry		BRL				50	
Bis(2-chloroisopropyl)ether	BRL	120	ug/kg dry		BRL				50	
Bis(2-ethylhexyl)phthalate	BRL	120	ug/kg dry		BRL				50	
4-Bromophenyl phenyl ether	BRL	120	ug/kg dry		BRL				50	
Butyl benzyl phthalate	BRL	120	ug/kg dry		BRL				50	
Carbazole	BRL	120	ug/kg dry		BRL				50	
4-Chloro-3-methylphenol	BRL	120	ug/kg dry		BRL				50	
4-Chloroaniline	BRL	120	ug/kg dry		BRL				50	
2-Chloronaphthalene	BRL	120	ug/kg dry		BRL				50	
2-Chlorophenol	BRL	120	ug/kg dry		BRL				50	
4-Chlorophenyl phenyl ether	BRL	120	ug/kg dry		BRL				50	
Chrysene	BRL	120	ug/kg dry		9.71				50	
Dibenzo (a,h) anthracene	BRL	120	ug/kg dry		BRL				50	

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010322 - SW846 3550B										
Duplicate (4010322-DUP1)	Source: SA07010-03			Prepared: 08-Jan-04 Analyzed: 09-Jan-04						
Dibenzofuran	BRL	120	ug/kg dry		BRL				50	
1,2-Dichlorobenzene	BRL	120	ug/kg dry		1.21			0.830	50	
1,3-Dichlorobenzene	BRL	120	ug/kg dry		BRL				50	
1,4-Dichlorobenzene	BRL	120	ug/kg dry		BRL				50	
3,3'-Dichlorobenzidine	BRL	120	ug/kg dry		BRL				50	
2,4-Dichlorophenol	BRL	120	ug/kg dry		BRL				50	
Diethyl phthalate	BRL	120	ug/kg dry		BRL				50	
Dimethyl phthalate	BRL	120	ug/kg dry		BRL				50	
2,4-Dimethylphenol	BRL	120	ug/kg dry		BRL				50	
Di-n-butyl phthalate	BRL	120	ug/kg dry		BRL				50	
4,6-Dinitro-2-methylphenol	BRL	120	ug/kg dry		BRL				50	
2,4-Dinitrophenol	BRL	120	ug/kg dry		93.5				50	
2,4-Dinitrotoluene	BRL	120	ug/kg dry		BRL				50	
2,6-Dinitrotoluene	BRL	120	ug/kg dry		BRL				50	
Di-n-octyl phthalate	BRL	120	ug/kg dry		BRL				50	
Fluoranthene	BRL	120	ug/kg dry		BRL				50	
Fluorene	BRL	120	ug/kg dry		BRL				50	
Hexachlorobenzene	BRL	120	ug/kg dry		BRL				50	
Hexachlorobutadiene	BRL	120	ug/kg dry		BRL				50	
Hexachlorocyclopentadiene	BRL	120	ug/kg dry		BRL				50	
Hexachloroethane	BRL	120	ug/kg dry		BRL				50	
Indeno (1,2,3-cd) pyrene	BRL	120	ug/kg dry		BRL				50	
1-Methylnaphthalene	BRL	120	ug/kg dry		BRL				50	
Isophorone	BRL	120	ug/kg dry		BRL				50	
2-Methylnaphthalene	BRL	120	ug/kg dry		BRL				50	
2-Methylphenol	BRL	120	ug/kg dry		BRL				50	
3-Methylphenol	BRL	120	ug/kg dry		BRL				50	
4-Methylphenol	BRL	120	ug/kg dry		BRL				50	
Naphthalene	BRL	120	ug/kg dry		BRL				50	
2-Nitroaniline	BRL	120	ug/kg dry		BRL				50	
3-Nitroaniline	BRL	120	ug/kg dry		BRL				50	
4-Nitroaniline	BRL	120	ug/kg dry		BRL				50	
Nitrobenzene	BRL	120	ug/kg dry		BRL				50	
2-Nitrophenol	BRL	120	ug/kg dry		BRL				50	
4-Nitrophenol	BRL	120	ug/kg dry		BRL				50	
N-Nitrosodimethylamine	BRL	120	ug/kg dry		BRL				50	
N-Nitrosodi-n-propylamine	BRL	120	ug/kg dry		BRL				50	
N-Nitrosodiphenylamine	BRL	120	ug/kg dry		BRL				50	
Pentachlorophenol	BRL	120	ug/kg dry		BRL				50	
Phenanthrene	BRL	120	ug/kg dry		BRL				50	
Phenol	BRL	120	ug/kg dry		BRL				50	
Pyrene	BRL	120	ug/kg dry		BRL				50	
Pyridine	BRL	120	ug/kg dry		27.9			18.5	50	
1,2,4-Trichlorobenzene	BRL	120	ug/kg dry		BRL				50	
2,4,5-Trichlorophenol	BRL	120	ug/kg dry		BRL				50	
2,4,6-Trichlorophenol	BRL	120	ug/kg dry		BRL				50	
Surrogate: 2-Fluorobiphenyl	*3150*		ug/kg dry	*6010*		*52.4*	*30-130*			
Surrogate: 2-Fluorophenol	*3610*		ug/kg dry	*6010*		*60.1*	*15-110*			
Surrogate: Nitrobenzene-d5	*2680*		ug/kg dry	*6010*		*44.6*	*30-130*			
Surrogate: Phenol-d5	*3170*		ug/kg dry	*6010*		*52.7*	*15-110*			
Surrogate: Terphenyl-d14	*3760*		ug/kg dry	*6010*		*62.6*	*30-130*			
Surrogate: 2,4,6-Tribromophenol	*3860*		ug/kg dry	*6010*		*64.2*	*15-110*			
Matrix Spike (4010322-MS1)	Source: SA07010-03			Prepared: 08-Jan-04 Analyzed: 09-Jan-04						

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010322 - SW846 3550B										
Matrix Spike (4010322-MS1)	Source: SA07010-03			Prepared: 08-Jan-04 Analyzed: 09-Jan-04						
Acenaphthene	17000	252	ug/kg dry	25200	BRL	67.5	40-140			
4-Chloro-3-methylphenol	32600	252	ug/kg dry	50400	BRL	64.7	30-130			
2-Chlorophenol	33000	252	ug/kg dry	50400	BRL	65.5	30-130			
1,4-Dichlorobenzene	16800	252	ug/kg dry	25200	BRL	66.7	40-140			
2,4-Dinitrotoluene	12400	252	ug/kg dry	25200	BRL	49.2	40-140			
4-Nitrophenol	32100	252	ug/kg dry	50400	BRL	63.7	30-130			
N-Nitrosodi-n-propylamine	15400	252	ug/kg dry	25200	BRL	61.1	40-140			
Pentachlorophenol	31700	252	ug/kg dry	50400	BRL	62.9	30-130			
Phenol	31900	252	ug/kg dry	50400	BRL	63.3	30-130			
Pyrene	17700	252	ug/kg dry	25200	BRL	70.2	40-140			
1,2,4-Trichlorobenzene	17700	252	ug/kg dry	25200	BRL	70.2	40-140			
Surrogate: 2-Fluorobiphenyl	*16700*		ug/kg dry	*25200*		*66.3*	*30-130*			
Surrogate: 2-Fluorophenol	*17800*		ug/kg dry	*25200*		*70.6*	*15-110*			
Surrogate: Nitrobenzene-d5	*15000*		ug/kg dry	*25200*		*59.5*	*30-130*			
Surrogate: Phenol-d5	*15300*		ug/kg dry	*25200*		*60.7*	*15-110*			
Surrogate: Terphenyl-dl4	*19900*		ug/kg dry	*25200*		*79.0*	*30-130*			
Surrogate: 2,4,6-Tribromophenol	*20100*		ug/kg dry	*25200*		*79.8*	*15-110*			
Matrix Spike Dup (4010322-MSD1)	Source: SA07010-03			Prepared: 08-Jan-04 Analyzed: 09-Jan-04						
Acenaphthene	17100	242	ug/kg dry	24200	BRL	70.7	40-140	4.63	30	
4-Chloro-3-methylphenol	30300	242	ug/kg dry	48400	BRL	62.6	30-130	3.30	30	
2-Chlorophenol	32100	242	ug/kg dry	48400	BRL	66.3	30-130	1.21	30	
1,4-Dichlorobenzene	16800	242	ug/kg dry	24200	BRL	69.4	40-140	3.97	30	
2,4-Dinitrotoluene	12500	242	ug/kg dry	24200	BRL	51.7	40-140	4.96	30	
4-Nitrophenol	31200	242	ug/kg dry	48400	BRL	64.5	30-130	1.25	30	
N-Nitrosodi-n-propylamine	15200	242	ug/kg dry	24200	BRL	62.8	40-140	2.74	30	
Pentachlorophenol	30400	242	ug/kg dry	48400	BRL	62.8	30-130	0.159	30	
Phenol	31400	242	ug/kg dry	48400	BRL	64.9	30-130	2.50	30	
Pyrene	17900	242	ug/kg dry	24200	BRL	74.0	40-140	5.27	30	
1,2,4-Trichlorobenzene	17700	242	ug/kg dry	24200	BRL	73.1	40-140	4.05	30	
Surrogate: 2-Fluorobiphenyl	*16300*		ug/kg dry	*24200*		*67.4*	*30-130*			
Surrogate: 2-Fluorophenol	*17100*		ug/kg dry	*24200*		*70.7*	*15-110*			
Surrogate: Nitrobenzene-d5	*14500*		ug/kg dry	*24200*		*59.9*	*30-130*			
Surrogate: Phenol-d5	*14800*		ug/kg dry	*24200*		*61.2*	*15-110*			
Surrogate: Terphenyl-dl4	*19100*		ug/kg dry	*24200*		*78.9*	*30-130*			
Surrogate: 2,4,6-Tribromophenol	*18200*		ug/kg dry	*24200*		*75.2*	*15-110*			

Total Metals by EPA 6000/7000 Series Methods, Prepared by SW846 3050B - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010350 - EPA200/SW7000 Series										
Blank (4010350-BLK1)				Prepared: 08-Jan-04 Analyzed: 09-Jan-04						
Mercury	BRL	0.0010	mg/kg wet							
LCS (4010350-BS1)				Prepared: 08-Jan-04 Analyzed: 09-Jan-04						
Mercury	0.917	0.179	mg/kg wet	0.893		103	80-120			
Duplicate (4010350-DUP1)	Source: SA07010-01			Prepared: 08-Jan-04 Analyzed: 09-Jan-04						
Mercury	BRL	0.182	mg/kg dry		BRL				35	
Matrix Spike (4010350-MS1)	Source: SA07010-02			Prepared: 08-Jan-04 Analyzed: 09-Jan-04						
Mercury	0.556	0.217	mg/kg dry	0.504	BRL	110	75-125			
Matrix Spike Dup (4010350-MSD1)	Source: SA07010-02			Prepared: 08-Jan-04 Analyzed: 09-Jan-04						
Mercury	0.537	0.209	mg/kg dry	0.487	BRL	110	75-125	3.48	35	

Total Metals by EPA 200 Series Methods - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010346 - EPA 200 Series										
Blank (4010346-BLK1)				Prepared & Analyzed: 08-Jan-04						
Aluminum	0.0391	0.0300	mg/kg wet							QB-01
Antimony	BRL	0.0300	mg/kg wet							
Iron	0.0185	0.0100	mg/kg wet							QB-01
Magnesium	BRL	0.0500	mg/kg wet							
Manganese	BRL	0.0020	mg/kg wet							
Nickel	BRL	0.0100	mg/kg wet							
Potassium	BRL	0.200	mg/kg wet							
Selenium	BRL	0.0300	mg/kg wet							
Silver	BRL	0.0200	mg/kg wet							
Sodium	BRL	3.75	mg/kg wet							
Thallium	BRL	0.0300	mg/kg wet							
Vanadium	BRL	0.0100	mg/kg wet							
Zinc	BRL	0.0100	mg/kg wet							
Arsenic	BRL	0.0300	mg/kg wet							
Beryllium	BRL	0.0040	mg/kg wet							
Cadmium	BRL	0.0050	mg/kg wet							
Calcium	0.110	0.100	mg/kg wet							QB-01
Chromium	BRL	0.0100	mg/kg wet							
Cobalt	BRL	0.0100	mg/kg wet							
Copper	BRL	0.0100	mg/kg wet							
Lead	BRL	0.0150	mg/kg wet							
Barium	BRL	0.0100	mg/kg wet							
LCS (4010346-BS1)				Prepared & Analyzed: 08-Jan-04						
Aluminum	0.960	0.0300	mg/kg wet	1.00		96.0	85-115			
Antimony	1.00	0.0300	mg/kg wet	1.00		100	85-115			
Iron	0.991	0.0100	mg/kg wet	1.00		99.1	85-115			
Magnesium	1.02	0.0500	mg/kg wet	1.00		102	85-115			
Manganese	0.955	0.0020	mg/kg wet	1.00		95.5	85-115			
Nickel	1.01	0.0100	mg/kg wet	1.00		101	85-115			
Potassium	101	0.200	mg/kg wet	100		101	85-115			
Selenium	1.07	0.0300	mg/kg wet	1.00		107	85-115			
Silver	0.996	0.0400	mg/kg wet	1.00		99.6	85-115			
Sodium	9.47	0.100	mg/kg wet	10.0		94.7	85-115			
Thallium	1.01	0.0300	mg/kg wet	1.00		101	85-115			
Vanadium	0.960	0.0100	mg/kg wet	1.00		96.0	85-115			
Zinc	1.02	0.0100	mg/kg wet	1.00		102	85-115			
Arsenic	1.04	0.0300	mg/kg wet	1.00		104	85-115			
Beryllium	0.980	0.0040	mg/kg wet	1.00		98.0	85-115			
Cadmium	1.02	0.0050	mg/kg wet	1.00		102	85-115			
Calcium	0.985	0.100	mg/kg wet	1.00		98.5	85-115			
Chromium	0.974	0.0100	mg/kg wet	1.00		97.4	85-115			
Cobalt	0.990	0.0100	mg/kg wet	1.00		99.0	85-115			
Copper	0.988	0.0100	mg/kg wet	1.00		98.8	85-115			
Lead	0.994	0.0150	mg/kg wet	1.00		99.4	85-115			
Barium	0.965	0.0100	mg/kg wet	1.00		96.5	85-115			
Duplicate (4010346-DUP1)		Source: SA07010-01		Prepared & Analyzed: 08-Jan-04						
Aluminum	10500	3.45	mg/kg dry		11700			10.8	200	
Antimony	3.80	3.45	mg/kg dry		BRL				200	
Iron	25100	11.5	mg/kg dry		30200			18.4	200	
Magnesium	19300	5.75	mg/kg dry		9430			68.7	200	
Manganese	475	0.230	mg/kg dry		501			5.33	200	
Nickel	21.8	1.15	mg/kg dry		23.5			7.51	200	
Potassium	1180	23.0	mg/kg dry		829			34.9	200	

Total Metals by EPA 200 Series Methods - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010346 - EPA 200 Series										
Duplicate (4010346-DUP1)	Source: SA07010-01			Prepared & Analyzed: 08-Jan-04						
Selenium	BRL	3.45	mg/kg dry		BRL				200	
Silver	BRL	2.30	mg/kg dry		BRL				200	
Sodium	147	11.5	mg/kg dry		130			12.3	200	
Thallium	BRL	3.45	mg/kg dry		BRL				200	
Vanadium	14.0	1.15	mg/kg dry		15.3			8.87	200	
Zinc	52.8	1.15	mg/kg dry		59.6			12.1	200	
Arsenic	BRL	3.45	mg/kg dry		1.71			26.0	200	
Beryllium	0.483	0.460	mg/kg dry		0.561			14.9	200	
Cadmium	0.748	0.575	mg/kg dry		0.837			11.2	20	
Calcium	96400	115	mg/kg dry		33800			96.2	200	
Chromium	14.2	1.15	mg/kg dry		15.1			6.14	200	
Cobalt	7.82	1.15	mg/kg dry		8.25			5.35	200	
Copper	19.6	1.15	mg/kg dry		25.0			24.2	200	
Lead	4.73	1.73	mg/kg dry		8.04			51.8	200	
Barium	65.7	1.15	mg/kg dry		64.3			2.15	200	
Matrix Spike (4010346-MS1)	Source: SA07010-02			Prepared & Analyzed: 08-Jan-04						
Aluminum	15100	3.53	mg/kg dry	118	14000	932	70-130			QM-02
Antimony	116	3.53	mg/kg dry	118	BRL	98.3	70-130			
Iron	28700	1.18	mg/kg dry	118	29100	NR	70-130			QM-02
Magnesium	10900	5.89	mg/kg dry	118	12300	NR	70-130			QM-02
Manganese	732	0.235	mg/kg dry	118	833	NR	70-130			QM-4X
Nickel	134	1.18	mg/kg dry	118	25.0	92.4	70-130			
Potassium	2300	23.5	mg/kg dry	1180	1290	85.6	70-130			
Selenium	133	3.53	mg/kg dry	118	BRL	113	70-130			
Silver	52.5	2.35	mg/kg dry	58.9	BRL	89.1	70-130			
Sodium	316	11.8	mg/kg dry	118	262	45.8	70-130			QM-07
Thallium	103	3.53	mg/kg dry	118	BRL	87.3	70-130			
Vanadium	120	1.18	mg/kg dry	118	16.7	87.5	70-130			
Zinc	173	1.18	mg/kg dry	118	57.8	97.6	70-130			
Arsenic	127	3.53	mg/kg dry	118	1.21	107	70-130			
Beryllium	109	0.471	mg/kg dry	118	0.697	91.8	70-130			
Cadmium	110	0.589	mg/kg dry	118	0.885	92.5	70-130			
Calcium	15700	11.8	mg/kg dry	118	78700	NR	70-130			QM-02
Chromium	120	1.18	mg/kg dry	118	18.6	85.9	70-130			
Cobalt	121	1.18	mg/kg dry	118	8.68	95.2	70-130			
Copper	131	1.18	mg/kg dry	118	20.3	93.8	70-130			
Lead	111	1.77	mg/kg dry	118	7.54	87.7	70-130			
Barium	161	1.18	mg/kg dry	118	103	49.2	70-130			QM-07
Reference (4010346-SRM1)				Prepared & Analyzed: 08-Jan-04						
Aluminum	63.5	0.0300	mg/kg wet	60.5		105	85-115			
Magnesium	8.77	0.0500	mg/kg wet	10.0		87.7	85-115			
Nickel	0.492	0.0100	mg/kg wet	0.464		106	85-115			
Silver	0.197	0.0200	mg/kg wet	0.210		93.8	85-115			
Thallium	0.516	0.0300	mg/kg wet	0.525		98.3	85-115			
Vanadium	0.578	0.0100	mg/kg wet	0.649		89.1	85-115			
Zinc	6.21	0.0100	mg/kg wet	6.33		98.1	85-115			
Arsenic	0.740	0.0300	mg/kg wet	0.691		107	85-115			
Beryllium	0.0705	0.0040	mg/kg wet	0.0657		107	85-115			
Cadmium	1.12	0.0050	mg/kg wet	1.13		99.1	85-115			
Chromium	0.585	0.0100	mg/kg wet	0.526		111	85-115			
Cobalt	0.130	0.0100	mg/kg wet	0.130		100	85-115			
Copper	0.702	0.0100	mg/kg wet	0.626		112	85-115			
Lead	1.19	0.0150	mg/kg wet	1.37		86.9	85-115			

Toxicity Characteristics - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010356 - General Preparation										
Duplicate (4010356-DUP1)	Source: SA07010-11			Prepared & Analyzed: 08-Jan-04						
pH	7.66		pH Units		7.68			0.261	20	

General Chemistry Parameters - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010330 - General Preparation										
Duplicate (4010330-DUP1)	Source: SA07010-04			Prepared: 08-Jan-04 Analyzed: 09-Jan-04						
% Solids	87.5		%		87.7			0.228	20	
Batch 4010348 - General Preparation										
Duplicate (4010348-DUP1)	Source: SA07037-02			Prepared: 08-Jan-04 Analyzed: 09-Jan-04						
% Solids	69.1		%		65.2			5.81	20	
Batch 4010391 - General Preparation										
Blank (4010391-BLK1)				Prepared: 08-Jan-04 Analyzed: 09-Jan-04						
Hexavalent Chromium	BRL	10.0	mg/kg wet							
LCS (4010391-BS1)				Prepared: 08-Jan-04 Analyzed: 09-Jan-04						
Hexavalent Chromium	19.9	10.0	mg/kg wet	20.0		99.5	90-110			
Duplicate (4010391-DUP1)	Source: SA07010-04			Prepared: 08-Jan-04 Analyzed: 09-Jan-04						
Hexavalent Chromium	BRL	12.6	mg/kg dry		0.833			39.3	35	QR-01
Matrix Spike (4010391-MS1)	Source: SA07010-04			Prepared: 08-Jan-04 Analyzed: 09-Jan-04						
Hexavalent Chromium	23.0	12.2	mg/kg dry	24.3	0.833	91.2	75-125			
Reference (4010391-SRM1)				Prepared: 08-Jan-04 Analyzed: 09-Jan-04						
Hexavalent Chromium	66.5	10.6	mg/kg wet	93.8		70.9	63.8-136			
Batch 4010417 - General Preparation										
Blank (4010417-BLK1)				Prepared & Analyzed: 09-Jan-04						
Cyanide (total)	BRL	1.00	mg/kg wet							
LCS (4010417-BS1)				Prepared & Analyzed: 09-Jan-04						
Cyanide (total)	8.05	1.00	mg/kg wet	10.0		80.5	90-110			QL-01
Matrix Spike (4010417-MS1)	Source: SA06960-08			Prepared & Analyzed: 09-Jan-04						
Cyanide (total)	12.3	1.20	mg/kg dry	12.0	BRL	102	75-125			
Matrix Spike Dup (4010417-MSD1)	Source: SA06960-08			Prepared & Analyzed: 09-Jan-04						
Cyanide (total)	12.4	1.19	mg/kg dry	11.9	BRL	104	75-125	0.810	20	
Reference (4010417-SRM1)				Prepared & Analyzed: 09-Jan-04						
Cyanide (total)	51.8	1.00	mg/kg wet	41.8		124	40-160			

Notes and Definitions

QB-01	The method blank contains analyte at a concentration above the MRL; however, concentration is less than 10% of the sample result, which is negligible according to method criteria.
QC-1	Analyte out of acceptance range.
QL-01	Sample results for the QC batch were accepted based on LCS/LCSD percent recoveries and RPD values.
QM-02	The RPD and/or percent recovery for this QC spike sample cannot be accurately calculated due to the high concentration of analyte inherent in the sample.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM-4X	The spike recovery was outside of QC acceptance limits for the MS and/or MSD due to analyte concentration at 4 times or greater the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits.
QR-01	Analyses are not controlled on RPD values from sample concentrations less than 10 times the reporting limit. QC batch accepted based on LCS and/or LCSD QC results.
vext2	Field Extracted
VOC10	The VOC field preserved soil sample is not within the recommended 1:1 weight to volume ratio. This is based on SW846 methods 5030 and 5035.
VOC6	The production of Acetone and other ketones is commonly seen when using Sodium Bisulfate in the SW 846 5035A extraction technique.
BRL	Below Reporting Limit - Analyte NOT DETECTED at or above the reporting limit
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. The RDL is generally 5 to 10 times the MDL. However, it may be nominally chosen within these guidelines to simplify data reporting. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Validated by:
Hanibal C. Tayeh, Ph.D.
Nicole Brown

SA010 10 (m)

SPECTRUM ANALYTICAL, INC.
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ERM-Standard

CHAIN OF CUSTODY RECORD

Page 1 of 2

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: _____
- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Ed Hinchey
ERM
5788 Widewaters Pkwy
Dewitt, N.Y. 13214
Project Mgr.: Ed Hinchey

Invoice To: same
w.o. 2401A164
cred# 2401A182
P.O. No.: 0013172 RQN: _____

Project No.: 0013172
Site Name: Axiohm
Location: Ithaca State: NY
Sampler(s): NR + CW

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH_3OH 8=$NaHSO_4$ 9=Ice 10=methanol

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1=_____ X2=_____ X3=_____

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: VOCs 8260	SVOCs 8270	TAL Metals	PCBs	Cyanide	Hex Chrome	pH
2401A010-01	Axi B-13(3-5)	6 Jan 04	1455	G	SO	8,9,10	3				X						
-02	Axi B-14(3-5)	6 Jan 04	1507	G	SO	8,9,10	3	1			X	X	X		X	X	
-03	Axi B-15(3-5)	"	1525	"	"	"	"	"			"	"	"		"	"	
-04	Axi B-16(7-9)	"	1545	"	"	"	"	"			"	"	"		"	"	
-05	Axi B-17(5-6.2)	"	1608	"	"	"	"	"			"	"	"		"	"	
-06	Axi TB (4 Jan 04)	"	—	—	—	2	1				X						
-07	Axi B-19(8-8.7)	7 Jan 04	0940	G	SO	8,9,10	3	1			X	X	X	X	X	X	
-08	Axi B-20(6-7.2)	"	1015	"	"	"	"	"			X	X	X	X	X	X	
-09	Axi B-21(.5-1.8)	"	1110	"	"	"	"	"			X	X	X	~~X~~	X	X	
-10	Axi B-22(.5-1.8)	"	1130	"	"	"	"	"			X	X	X		X	X	

OA Reporting Notes:
(check if needed)

State specific reporting standards
If applicable, please list below.

☐ Provide MCP CAM Report
Were all field QC requirements met as per MADEP CAM Section 2.07
☐ Yes ☐ No
(Response required for CAM report)

no PCBs

☒ Fax results when available to (315) 445-2543
☐ E-mail to _____
EDD Format _____

Condition upon receipt: ☐ Iced ☐ Ambient ☐ °C NA

Relinquished by:	Received by:	Date:	Time:
Nancy Rae Reese	Zed K	7 Jan 04	1709
Zed K	U Knowles	1/8/04	9:10

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ERM-Standard
CHAIN OF CUSTODY RECORD

Page 2 of 2

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: _____
- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Ed Hinchey
ERM
5788 Widewaters Pkwy
DeWitt, N.Y. 13214
Project Mgr.: Ed Hinchey

Invoice To: same

P.O. No.: 001372 RQN:

Project No.: 001372
Site Name: Axiohm
Location: Ithaca State: N.Y.
Sampler(s): CW + NR

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH_3OH 8=$NaHSO_4$ 9= ice 10= methanol

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1=_____ X2=_____ X3=_____

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: VOCs 8260	SVOCs 8270	TAL Metals	PCB	Cyanide	Hexchrom	pH	QA Reporting Notes: (check if needed)
SAMPLE ID -10	Axi B-25(4-6)	7 Jan 04	1413	G	SO	7, 9, 10	3	1			X	X	X		X	X		State specific reporting standards *If applicable, please list below.* _____
-11	Axi B-27(2.5-4.5)	↓	1515	G	SO	↓	~~X~~	1						X			X	☐ Provide MCP CAM Report Were all field QC requirements met as per MADEP CAM Section 2.0? ☐ Yes ☐ No *(Response required for CAM report)*
-12	Axi WP1	7 Jan 04	1632	G		Hex	1							X				
-13	Axi WP2	↓	1646	G		↓	↓							↓				
-14	Axi WP Blank	↓	—	—	—	↓	↓							↓				

☒ Fax results when available to (315) 445-2554
☐ E-mail to _____
EDD Format _____
Condition upon receipt: ☐ Iced ☐ Ambient ☐ °C 4

Relinquished by:	Received by:	Date:	Time:
Nancy Lee Reese	Fed X	7 Jan 04	1709
Fed X	D'Brunelle	1/8/04	9:10

Report Date:
13-Jan-04 16:24

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

SPECTRUM ANALYTICAL, INC.
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Laboratory Report

Environmental Resources Management
5788 Widewaters Pkwy
Dewitt, NY 13214
Attn: Ed Hinchey

Project:Axiohm - Ithaca, NY
Project #:0013172

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA07068-01	Axi B-23 (1.1-2.2)	Soil	08-Jan-04 14:45	09-Jan-04 10:20
SA07068-02	Axi B-24 (1.8-3.2)	Soil	08-Jan-04 13:10	09-Jan-04 10:20
SA07068-03	Axi B-28 (2-4)	Soil	08-Jan-04 13:10	09-Jan-04 10:20
SA07068-04	Axi B-29 (12-13.1)	Soil	08-Jan-04 15:20	09-Jan-04 10:20
SA07068-05	Axi B-30 (3-5)	Soil	08-Jan-04 15:37	09-Jan-04 10:20
SA07068-06	Axi B-31 (1-3)	Soil	08-Jan-04 16:00	09-Jan-04 10:20
SA07068-07	Axi B-32 (0-2)	Soil	08-Jan-04 16:15	09-Jan-04 10:20
SA07068-08	Axi TP11 (2)	Soil	08-Jan-04 15:43	09-Jan-04 10:20
SA07068-09	Axi TB (8Jan04	Aqueous	08-Jan-04 00:00	09-Jan-04 10:20

I attest that all information contained within this report has been reviewed for accuracy and checked against all quality control requirements outlined in each applicable method and meet the requirements of NELAC.
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Massachusetts Certification # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87600
Maine # MA138
New Hampshire # 2538
New York # 11393
Rhode Island # 98
USDA # S-51435

ACCREDITED IN ACCORDANCE WITH nelac

Authorized by:

Hanibal C. Tayeh, Ph.D.
President/Laboratory Director

Please refer to our "Quality" webpage at www.spectrum-analytical.com for a full listing of our current certifications.

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-23 (1.1-2.2) SA07068-01	0013172	Soil	08-Jan-04 14:45	09-Jan-04

Analyte(s)	*Result*	*RDL/Units	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
VOC Extraction	Field Extracted	N/A	1	VOC	09-Jan-04	09-Jan-04	4010432	LN	
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							VOC10
Acetone	BRL	481 ug/kg dry	50	SW 846 8260B	09-Jan-04	09-Jan-04	4010397	trb	
Acrylonitrile	BRL	24.0 ug/kg dry	50	"	"	"	"	"	
Benzene	BRL	24.0 ug/kg dry	50	"	"	"	"	"	
Bromobenzene	BRL	24.0 ug/kg dry	50	"	"	"	"	"	
Bromochloromethane	BRL	24.0 ug/kg dry	50	"	"	"	"	"	
Bromodichloromethane	BRL	24.0 ug/kg dry	50	"	"	"	"	"	
Bromoform	BRL	24.0 ug/kg dry	50	"	"	"	"	"	
Bromomethane	BRL	48.1 ug/kg dry	50	"	"	"	"	"	
2-Butanone (MEK)	BRL	240 ug/kg dry	50	"	"	"	"	"	
n-Butylbenzene	BRL	24.0 ug/kg dry	50	"	"	"	"	"	
sec-Butylbenzene	BRL	24.0 ug/kg dry	50	"	"	"	"	"	
tert-Butylbenzene	BRL	24.0 ug/kg dry	50	"	"	"	"	"	
Carbon disulfide	BRL	120 ug/kg dry	50	"	"	"	"	"	
Carbon tetrachloride	BRL	24.0 ug/kg dry	50	"	"	"	"	"	
Chlorobenzene	BRL	24.0 ug/kg dry	50	"	"	"	"	"	
Chloroethane	BRL	48.1 ug/kg dry	50	"	"	"	"	"	
Chloroform	BRL	24.0 ug/kg dry	50	"	"	"	"	"	
Chloromethane	BRL	48.1 ug/kg dry	50	"	"	"	"	"	
2-Chlorotoluene	BRL	24.0 ug/kg dry	50	"	"	"	"	"	
4-Chlorotoluene	BRL	24.0 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	48.1 ug/kg dry	50	"	"	"	"	"	
Dibromochloromethane	BRL	24.0 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	24.0 ug/kg dry	50	"	"	"	"	"	
Dibromomethane	BRL	24.0 ug/kg dry	50	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	24.0 ug/kg dry	50	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	24.0 ug/kg dry	50	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	24.0 ug/kg dry	50	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	48.1 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethane	BRL	24.0 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloroethane	BRL	24.0 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethene	BRL	24.0 ug/kg dry	50	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	24.0 ug/kg dry	50	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	24.0 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloropropane	BRL	24.0 ug/kg dry	50	"	"	"	"	"	
1,3-Dichloropropane	BRL	24.0 ug/kg dry	50	"	"	"	"	"	
2,2-Dichloropropane	BRL	24.0 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloropropene	BRL	24.0 ug/kg dry	50	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	24.0 ug/kg dry	50	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	24.0 ug/kg dry	50	"	"	"	"	"	
thylbenzene	BRL	24.0 ug/kg dry	50	"	"	"	"	"	
Hexachlorobutadiene	BRL	24.0 ug/kg dry	50	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-23 (1.1-2.2) SA07068-01	0013172	Soil	08-Jan-04 14:45	09-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							VOC10
2-Hexanone (MBK)	BRL	240 ug/kg dry	50	"	"	"	"	"	
Isopropylbenzene	BRL	24.0 ug/kg dry	50	"	"	"	"	"	
4-Isopropyltoluene	BRL	24.0 ug/kg dry	50	"	"	"	"	"	
Methyl tert-butyl ether	BRL	24.0 ug/kg dry	50	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	240 ug/kg dry	50	"	"	"	"	"	
Methylene chloride	BRL	240 ug/kg dry	50	"	"	"	"	"	
Naphthalene	BRL	24.0 ug/kg dry	50	"	"	"	"	"	
n-Propylbenzene	BRL	24.0 ug/kg dry	50	"	"	"	"	"	
Styrene	BRL	24.0 ug/kg dry	50	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	24.0 ug/kg dry	50	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	24.0 ug/kg dry	50	"	"	"	"	"	
Tetrachloroethene	BRL	24.0 ug/kg dry	50	"	"	"	"	"	
Toluene	BRL	24.0 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	24.0 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	24.0 ug/kg dry	50	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	24.0 ug/kg dry	50	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	24.0 ug/kg dry	50	"	"	"	"	"	
Trichloroethene	217	24.0 ug/kg dry	50	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	24.0 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	24.0 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	24.0 ug/kg dry	50	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	24.0 ug/kg dry	50	"	"	"	"	"	
Vinyl chloride	BRL	24.0 ug/kg dry	50	"	"	"	"	"	
m,p-Xylene	BRL	48.1 ug/kg dry	50	"	"	"	"	"	
o-Xylene	BRL	24.0 ug/kg dry	50	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*98.3*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*99.7*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*101*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*102*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-23 (1.1-2.2)	0013172	Soil	08-Jan-04 14:45	09-Jan-04
SA07068-01				

Analyte(s)	*Result*	*RDL/Units	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3550B									
Acenaphthene	BRL	104 ug/kg dry	1	SW846 8270C	09-Jan-04	09-Jan-04	4010365	M.B	
Acenaphthylene	BRL	104 ug/kg dry	1	"	"	"	"	"	
Aniline	BRL	104 ug/kg dry	1	"	"	"	"	"	
Anthracene	BRL	104 ug/kg dry	1	"	"	"	"	"	
Azobenzene/Diphenyldiazine	BRL	104 ug/kg dry	1	"	"	"	"	"	
Benzidine	BRL	104 ug/kg dry	1	"	"	"	"	"	
Benzo (a) anthracene	BRL	104 ug/kg dry	1	"	"	"	"	"	
Benzo (a) pyrene	BRL	104 ug/kg dry	1	"	"	"	"	"	
Benzo (b) fluoranthene	BRL	104 ug/kg dry	1	"	"	"	"	"	
Benzo (g,h,i) perylene	BRL	104 ug/kg dry	1	"	"	"	"	"	
Benzo (k) fluoranthene	BRL	104 ug/kg dry	1	"	"	"	"	"	
Benzoic acid	BRL	104 ug/kg dry	1	"	"	"	"	"	
Benzyl alcohol	BRL	104 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroethoxy)methane	BRL	104 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroethyl)ether	BRL	104 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	BRL	104 ug/kg dry	1	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	BRL	104 ug/kg dry	1	"	"	"	"	"	
4-Bromophenyl phenyl ether	BRL	104 ug/kg dry	1	"	"	"	"	"	
Butyl benzyl phthalate	BRL	104 ug/kg dry	1	"	"	"	"	"	
Carbazole	BRL	104 ug/kg dry	1	"	"	"	"	"	
4-Chloro-3-methylphenol	BRL	104 ug/kg dry	1	"	"	"	"	"	
4-Chloroaniline	BRL	104 ug/kg dry	1	"	"	"	"	"	
2-Chloronaphthalene	BRL	104 ug/kg dry	1	"	"	"	"	"	
2-Chlorophenol	BRL	104 ug/kg dry	1	"	"	"	"	"	
4-Chlorophenyl phenyl ether	BRL	104 ug/kg dry	1	"	"	"	"	"	
Chrysene	BRL	104 ug/kg dry	1	"	"	"	"	"	
Dibenzo (a,h) anthracene	BRL	104 ug/kg dry	1	"	"	"	"	"	
Dibenzofuran	BRL	104 ug/kg dry	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	104 ug/kg dry	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	104 ug/kg dry	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	104 ug/kg dry	1	"	"	"	"	"	
3,3'-Dichlorobenzidine	BRL	104 ug/kg dry	1	"	"	"	"	"	
2,4-Dichlorophenol	BRL	104 ug/kg dry	1	"	"	"	"	"	
Diethyl phthalate	BRL	104 ug/kg dry	1	"	"	"	"	"	
Dimethyl phthalate	BRL	104 ug/kg dry	1	"	"	"	"	"	
2,4-Dimethylphenol	BRL	104 ug/kg dry	1	"	"	"	"	"	
Di-n-butyl phthalate	BRL	104 ug/kg dry	1	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	BRL	104 ug/kg dry	1	"	"	"	"	"	
2,4-Dinitrophenol	BRL	104 ug/kg dry	1	"	"	"	"	"	
2,4-Dinitrotoluene	BRL	104 ug/kg dry	1	"	"	"	"	"	
2,6-Dinitrotoluene	BRL	104 ug/kg dry	1	"	"	"	"	"	
Di-n-octyl phthalate	BRL	104 ug/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-23 (1.1-2.2) SA07068-01	0013172	Soil	08-Jan-04 14:45	09-Jan-04

Analyte(s)	*Result*	*RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3550B									
Fluoranthene	BRL	104 ug/kg dry	1	"	"	"	"	"	
Fluorene	BRL	104 ug/kg dry	1	"	"	"	"	"	
Hexachlorobenzene	BRL	104 ug/kg dry	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	104 ug/kg dry	1	"	"	"	"	"	
Hexachlorocyclopentadiene	BRL	104 ug/kg dry	1	"	"	"	"	"	
Hexachloroethane	BRL	104 ug/kg dry	1	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	BRL	104 ug/kg dry	1	"	"	"	"	"	
1-Methylnaphthalene	BRL	103 ug/kg dry	1	"	"	"	"	"	
Isophorone	BRL	104 ug/kg dry	1	"	"	"	"	"	
2-Methylnaphthalene	BRL	104 ug/kg dry	1	"	"	"	"	"	
2-Methylphenol	BRL	104 ug/kg dry	1	"	"	"	"	"	
3-Methylphenol	BRL	104 ug/kg dry	1	"	"	"	"	"	
4-Methylphenol	BRL	104 ug/kg dry	1	"	"	"	"	"	
Naphthalene	BRL	104 ug/kg dry	1	"	"	"	"	"	
2-Nitroaniline	BRL	104 ug/kg dry	1	"	"	"	"	"	
3-Nitroaniline	BRL	104 ug/kg dry	1	"	"	"	"	"	
4-Nitroaniline	BRL	104 ug/kg dry	1	"	"	"	"	"	
Nitrobenzene	BRL	104 ug/kg dry	1	"	"	"	"	"	
2-Nitrophenol	BRL	104 ug/kg dry	1	"	"	"	"	"	
4-Nitrophenol	BRL	104 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodimethylamine	BRL	104 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodi-n-propylamine	BRL	104 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodiphenylamine	BRL	104 ug/kg dry	1	"	"	"	"	"	
Pentachlorophenol	BRL	104 ug/kg dry	1	"	"	"	"	"	
Phenanthrene	BRL	104 ug/kg dry	1	"	"	"	"	"	
Phenol	BRL	104 ug/kg dry	1	"	"	"	"	"	
Pyrene	BRL	104 ug/kg dry	1	"	"	"	"	"	
Pyridine	BRL	104 ug/kg dry	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	104 ug/kg dry	1	"	"	"	"	"	
2,4,5-Trichlorophenol	BRL	104 ug/kg dry	1	"	"	"	"	"	
2,4,6-Trichlorophenol	BRL	104 ug/kg dry	1	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl	*61.2*	*30-130 %*		"	"	"	"	"	
Surrogate: 2-Fluorophenol	*71.4*	*15-110 %*		"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*52.3*	*30-130 %*		"	"	"	"	"	
Surrogate: Phenol-d5	*62.4*	*15-110 %*		"	"	"	"	"	
Surrogate: Terphenyl-dl4	*73.7*	*30-130 %*		"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol	*78.4*	*15-110 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-23 (1.1-2.2) SA07068-01	0013172	Soil	08-Jan-04 14:45	09-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Total Metals by EPA 6000/7000 Series Methods, Prepared by SW846 3050B									
Mercury	BRL	0.167 mg/kg dry	1	SW846 7471A	09-Jan-04	12-Jan-04	4010435	YP	
Total Metals by EPA 200 Series Methods									
Silver	BRL	2.08 mg/kg dry	1	EPA 200.7	"	12-Jan-04	4010433	KS	
Aluminum	11,400	3.13 mg/kg dry	1	"	"	"	"	"	
Arsenic	8.45	3.13 mg/kg dry	1	"	"	"	"	"	
Barium	31.4	1.04 mg/kg dry	1	"	"	"	"	"	
Beryllium	0.490	0.417 mg/kg dry	1	"	"	"	"	"	
Calcium	19,700	10.4 mg/kg dry	1	"	"	"	"	"	
Cadmium	BRL	0.521 mg/kg dry	1	"	"	"	"	"	
Cobalt	20.3	1.04 mg/kg dry	1	"	"	"	"	"	
Chromium	14.5	1.04 mg/kg dry	1	"	"	"	"	"	
Copper	25.5	1.04 mg/kg dry	1	"	"	"	"	"	
Iron	29,300	1.04 mg/kg dry	1	"	"	"	"	"	
Potassium	470	20.8 mg/kg dry	1	"	"	"	"	"	
Magnesium	7,020	5.21 mg/kg dry	1	"	"	"	"	"	
Manganese	400	0.208 mg/kg dry	1	"	"	"	"	"	
Sodium	BRL	833 mg/kg dry	2	"	"	12-Jan-04	"	"	
Nickel	23.3	1.04 mg/kg dry	1	"	"	12-Jan-04	"	"	
Lead	BRL	1.56 mg/kg dry	1	"	"	"	"	"	
Antimony	BRL	3.13 mg/kg dry	1	"	"	"	"	"	
Selenium	BRL	3.13 mg/kg dry	1	"	"	"	"	"	
Thallium	BRL	3.13 mg/kg dry	1	"	"	"	"	"	
Vanadium	13.1	1.04 mg/kg dry	1	"	"	"	"	"	
Zinc	43.3	1.04 mg/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-23 (1.1-2.2) TA07068-01	0013172	Soil	08-Jan-04 14:45	09-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
General Chemistry Parameters									
% Solids	93.9	%	1	SM2540 G Mod.	09-Jan-04	12-Jan-04	4010392	LN	
Hexavalent Chromium	BRL	10.9 mg/kg dry	1	SW846 3060A	09-Jan-04	10-Jan-04	4010446	AJ	
Cyanide (total)	BRL	1.06 mg/kg dry	1	10-204-00-1-A	09-Jan-04	09-Jan-04	4010439	AW	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-24 (1.8-3.2) SA07068-02	0013172	Soil	08-Jan-04 13:10	09-Jan-04

Analyte(s)	*Result*	*RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
VOC Extraction	Field Extracted	N/A	1	VOC	09-Jan-04	09-Jan-04	4010432	LN	
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							VOC10
Acetone	BRL	639 ug/kg dry	50	SW 846 8260B	09-Jan-04	09-Jan-04	4010397	trb	
Acrylonitrile	BRL	32.0 ug/kg dry	50	"	"	"	"	"	
Benzene	BRL	32.0 ug/kg dry	50	"	"	"	"	"	
Bromobenzene	BRL	32.0 ug/kg dry	50	"	"	"	"	"	
Bromochloromethane	BRL	32.0 ug/kg dry	50	"	"	"	"	"	
Bromodichloromethane	BRL	32.0 ug/kg dry	50	"	"	"	"	"	
Bromoform	BRL	32.0 ug/kg dry	50	"	"	"	"	"	
Bromomethane	BRL	63.9 ug/kg dry	50	"	"	"	"	"	
2-Butanone (MEK)	BRL	320 ug/kg dry	50	"	"	"	"	"	
n-Butylbenzene	BRL	32.0 ug/kg dry	50	"	"	"	"	"	
sec-Butylbenzene	BRL	32.0 ug/kg dry	50	"	"	"	"	"	
tert-Butylbenzene	BRL	32.0 ug/kg dry	50	"	"	"	"	"	
Carbon disulfide	BRL	160 ug/kg dry	50	"	"	"	"	"	
Carbon tetrachloride	BRL	32.0 ug/kg dry	50	"	"	"	"	"	
Chlorobenzene	BRL	32.0 ug/kg dry	50	"	"	"	"	"	
Chloroethane	BRL	63.9 ug/kg dry	50	"	"	"	"	"	
Chloroform	BRL	32.0 ug/kg dry	50	"	"	"	"	"	
Chloromethane	BRL	63.9 ug/kg dry	50	"	"	"	"	"	
2-Chlorotoluene	BRL	32.0 ug/kg dry	50	"	"	"	"	"	
4-Chlorotoluene	BRL	32.0 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	63.9 ug/kg dry	50	"	"	"	"	"	
Dibromochloromethane	BRL	32.0 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	32.0 ug/kg dry	50	"	"	"	"	"	
Dibromomethane	BRL	32.0 ug/kg dry	50	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	32.0 ug/kg dry	50	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	32.0 ug/kg dry	50	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	32.0 ug/kg dry	50	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	63.9 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethane	BRL	32.0 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloroethane	BRL	32.0 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethene	BRL	32.0 ug/kg dry	50	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	32.0 ug/kg dry	50	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	32.0 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloropropane	BRL	32.0 ug/kg dry	50	"	"	"	"	"	
1,3-Dichloropropane	BRL	32.0 ug/kg dry	50	"	"	"	"	"	
2,2-Dichloropropane	BRL	32.0 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloropropene	BRL	32.0 ug/kg dry	50	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	32.0 ug/kg dry	50	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	32.0 ug/kg dry	50	"	"	"	"	"	
Ethylbenzene	BRL	32.0 ug/kg dry	50	"	"	"	"	"	
Hexachlorobutadiene	BRL	32.0 ug/kg dry	50	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-24 (1.8-3.2) SA07068-02	0013172	Soil	08-Jan-04 13:10	09-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							VOC10
2-Hexanone (MBK)	BRL	320 ug/kg dry	50	"	"	"	"	"	
Isopropylbenzene	BRL	32.0 ug/kg dry	50	"	"	"	"	"	
4-Isopropyltoluene	BRL	32.0 ug/kg dry	50	"	"	"	"	"	
Methyl tert-butyl ether	BRL	32.0 ug/kg dry	50	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	320 ug/kg dry	50	"	"	"	"	"	
Methylene chloride	BRL	320 ug/kg dry	50	"	"	"	"	"	
Naphthalene	BRL	32.0 ug/kg dry	50	"	"	"	"	"	
n-Propylbenzene	BRL	32.0 ug/kg dry	50	"	"	"	"	"	
Styrene	BRL	32.0 ug/kg dry	50	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	32.0 ug/kg dry	50	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	32.0 ug/kg dry	50	"	"	"	"	"	
Tetrachloroethene	BRL	32.0 ug/kg dry	50	"	"	"	"	"	
Toluene	BRL	32.0 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	32.0 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	32.0 ug/kg dry	50	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	32.0 ug/kg dry	50	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	32.0 ug/kg dry	50	"	"	"	"	"	
Trichloroethene	341	32.0 ug/kg dry	50	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	32.0 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	32.0 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	32.0 ug/kg dry	50	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	32.0 ug/kg dry	50	"	"	"	"	"	
Vinyl chloride	BRL	32.0 ug/kg dry	50	"	"	"	"	"	
m,p-Xylene	BRL	63.9 ug/kg dry	50	"	"	"	"	"	
o-Xylene	BRL	32.0 ug/kg dry	50	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*97.0*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*101*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*105*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*105*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-24 (1.8-3.2) SA07068-02	0013172	Soil	08-Jan-04 13:10	09-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3550B									
Acenaphthene	BRL	128 ug/kg dry	1	SW846 8270C	09-Jan-04	09-Jan-04	4010365	M.B	
Acenaphthylene	BRL	128 ug/kg dry	1	"	"	"	"	"	
Aniline	BRL	128 ug/kg dry	1	"	"	"	"	"	
Anthracene	BRL	128 ug/kg dry	1	"	"	"	"	"	
Azobenzene/Diphenyldiazine	BRL	128 ug/kg dry	1	"	"	"	"	"	
Benzidine	BRL	128 ug/kg dry	1	"	"	"	"	"	
Benzo (a) anthracene	BRL	128 ug/kg dry	1	"	"	"	"	"	
Benzo (a) pyrene	BRL	128 ug/kg dry	1	"	"	"	"	"	
Benzo (b) fluoranthene	BRL	128 ug/kg dry	1	"	"	"	"	"	
Benzo (g,h,i) perylene	BRL	128 ug/kg dry	1	"	"	"	"	"	
Benzo (k) fluoranthene	BRL	128 ug/kg dry	1	"	"	"	"	"	
Benzoic acid	BRL	128 ug/kg dry	1	"	"	"	"	"	
Benzyl alcohol	BRL	128 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroethoxy)methane	BRL	128 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroethyl)ether	BRL	128 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	BRL	128 ug/kg dry	1	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	BRL	128 ug/kg dry	1	"	"	"	"	"	
4-Bromophenyl phenyl ether	BRL	128 ug/kg dry	1	"	"	"	"	"	
Butyl benzyl phthalate	BRL	128 ug/kg dry	1	"	"	"	"	"	
Carbazole	BRL	128 ug/kg dry	1	"	"	"	"	"	
4-Chloro-3-methylphenol	BRL	128 ug/kg dry	1	"	"	"	"	"	
4-Chloroaniline	BRL	128 ug/kg dry	1	"	"	"	"	"	
2-Chloronaphthalene	BRL	128 ug/kg dry	1	"	"	"	"	"	
2-Chlorophenol	BRL	128 ug/kg dry	1	"	"	"	"	"	
4-Chlorophenyl phenyl ether	BRL	128 ug/kg dry	1	"	"	"	"	"	
Chrysene	BRL	128 ug/kg dry	1	"	"	"	"	"	
Dibenzo (a,h) anthracene	BRL	128 ug/kg dry	1	"	"	"	"	"	
Dibenzofuran	BRL	128 ug/kg dry	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	128 ug/kg dry	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	128 ug/kg dry	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	128 ug/kg dry	1	"	"	"	"	"	
3,3'-Dichlorobenzidine	BRL	128 ug/kg dry	1	"	"	"	"	"	
2,4-Dichlorophenol	BRL	128 ug/kg dry	1	"	"	"	"	"	
Diethyl phthalate	BRL	128 ug/kg dry	1	"	"	"	"	"	
Dimethyl phthalate	BRL	128 ug/kg dry	1	"	"	"	"	"	
2,4-Dimethylphenol	BRL	128 ug/kg dry	1	"	"	"	"	"	
Di-n-butyl phthalate	BRL	128 ug/kg dry	1	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	BRL	128 ug/kg dry	1	"	"	"	"	"	
2,4-Dinitrophenol	BRL	128 ug/kg dry	1	"	"	"	"	"	
2,4-Dinitrotoluene	BRL	128 ug/kg dry	1	"	"	"	"	"	
2,6-Dinitrotoluene	BRL	128 ug/kg dry	1	"	"	"	"	"	
Di-n-octyl phthalate	BRL	128 ug/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-24 (1.8-3.2) SA07068-02	0013172	Soil	08-Jan-04 13:10	09-Jan-04

Analyte(s)	*Result*	*RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3550B									
Fluoranthene	BRL	128 ug/kg dry	1	"	"	"	"	"	
Fluorene	BRL	128 ug/kg dry	1	"	"	"	"	"	
Hexachlorobenzene	BRL	128 ug/kg dry	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	128 ug/kg dry	1	"	"	"	"	"	
Hexachlorocyclopentadiene	BRL	128 ug/kg dry	1	"	"	"	"	"	
Hexachloroethane	BRL	128 ug/kg dry	1	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	BRL	128 ug/kg dry	1	"	"	"	"	"	
1-Methylnaphthalene	BRL	127 ug/kg dry	1	"	"	"	"	"	
Isophorone	BRL	128 ug/kg dry	1	"	"	"	"	"	
2-Methylnaphthalene	BRL	128 ug/kg dry	1	"	"	"	"	"	
2-Methylphenol	BRL	128 ug/kg dry	1	"	"	"	"	"	
3-Methylphenol	BRL	128 ug/kg dry	1	"	"	"	"	"	
4-Methylphenol	BRL	128 ug/kg dry	1	"	"	"	"	"	
Naphthalene	BRL	128 ug/kg dry	1	"	"	"	"	"	
2-Nitroaniline	BRL	128 ug/kg dry	1	"	"	"	"	"	
3-Nitroaniline	BRL	128 ug/kg dry	1	"	"	"	"	"	
4-Nitroaniline	BRL	128 ug/kg dry	1	"	"	"	"	"	
Nitrobenzene	BRL	128 ug/kg dry	1	"	"	"	"	"	
2-Nitrophenol	BRL	128 ug/kg dry	1	"	"	"	"	"	
4-Nitrophenol	BRL	128 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodimethylamine	BRL	128 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodi-n-propylamine	BRL	128 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodiphenylamine	BRL	128 ug/kg dry	1	"	"	"	"	"	
Pentachlorophenol	BRL	128 ug/kg dry	1	"	"	"	"	"	
Phenanthrene	BRL	128 ug/kg dry	1	"	"	"	"	"	
Phenol	BRL	128 ug/kg dry	1	"	"	"	"	"	
Pyrene	BRL	128 ug/kg dry	1	"	"	"	"	"	
Pyridine	BRL	128 ug/kg dry	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	128 ug/kg dry	1	"	"	"	"	"	
2,4,5-Trichlorophenol	BRL	128 ug/kg dry	1	"	"	"	"	"	
2,4,6-Trichlorophenol	BRL	128 ug/kg dry	1	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl	*67.2*	*30-130 %*		"	"	"	"	"	
Surrogate: 2-Fluorophenol	*65.5*	*15-110 %*		"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*56.3*	*30-130 %*		"	"	"	"	"	
Surrogate: Phenol-d5	*70.2*	*15-110 %*		"	"	"	"	"	
Surrogate: Terphenyl-d14	*82.6*	*30-130 %*		"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol	*28.1*	*15-110 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-24 (1.8-3.2) A07068-02	0013172	Soil	08-Jan-04 13:10	09-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Total Metals by EPA 6000/7000 Series Methods, Prepared by SW846 3050B									
Mercury	BRL	0.170 mg/kg dry	1	SW846 7471A	09-Jan-04	12-Jan-04	4010435	YP	
Total Metals by EPA 200 Series Methods									
Silver	BRL	2.13 mg/kg dry	1	EPA 200.7	"	12-Jan-04	4010433	KS	
Aluminum	11,700	3.19 mg/kg dry	1	"	"	"	"	"	
Arsenic	9.81	3.19 mg/kg dry	1	"	"	"	"	"	
Barium	55.1	1.06 mg/kg dry	1	"	"	"	"	"	
Beryllium	0.522	0.426 mg/kg dry	1	"	"	"	"	"	
Calcium	11,500	10.6 mg/kg dry	1	"	"	"	"	"	
Cadmium	BRL	0.532 mg/kg dry	1	"	"	"	"	"	
Cobalt	12.9	1.06 mg/kg dry	1	"	"	"	"	"	
Chromium	14.2	1.06 mg/kg dry	1	"	"	"	"	"	
Copper	28.8	1.06 mg/kg dry	1	"	"	"	"	"	
Iron	28,800	1.06 mg/kg dry	1	"	"	"	"	"	
Potassium	409	21.3 mg/kg dry	1	"	"	"	"	"	
Magnesium	5,450	5.32 mg/kg dry	1	"	"	"	"	"	
Manganese	467	0.213 mg/kg dry	1	"	"	"	"	"	
Sodium	BRL	851 mg/kg dry	2	"	"	12-Jan-04	"	"	
Nickel	23.2	1.06 mg/kg dry	1	"	"	12-Jan-04	"	"	
Lead	2.09	1.60 mg/kg dry	1	"	"	"	"	"	
Antimony	BRL	3.19 mg/kg dry	1	"	"	"	"	"	
Selenium	BRL	3.19 mg/kg dry	1	"	"	"	"	"	
Thallium	BRL	3.19 mg/kg dry	1	"	"	"	"	"	
Vanadium	13.3	1.06 mg/kg dry	1	"	"	"	"	"	
Zinc	43.0	1.06 mg/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-24 (1.8-3.2) A07068-02	0013172	Soil	08-Jan-04 13:10	09-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
General Chemistry Parameters									
% Solids	92.6	%	1	SM2540 G Mod.	09-Jan-04	12-Jan-04	4010392	LN	
Hexavalent Chromium	BRL	10.9 mg/kg dry	1	SW846 3060A	09-Jan-04	10-Jan-04	4010446	AJ	
Cyanide (total)	BRL	1.05 mg/kg dry	1	10-204-00-1-A	09-Jan-04	09-Jan-04	4010439	AW	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-28 (2-4) A07068-03	0013172	Soil	08-Jan-04 13:10	09-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
VOC Extraction	Field Extracted	N/A	1	VOC	09-Jan-04	09-Jan-04	4010432	LN	
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							VOC10
Acetone	BRL	850 ug/kg dry	50	SW 846 8260B	09-Jan-04	09-Jan-04	4010397	trb	
Acrylonitrile	BRL	42.5 ug/kg dry	50	"	"	"	"	"	
Benzene	BRL	42.5 ug/kg dry	50	"	"	"	"	"	
Bromobenzene	BRL	42.5 ug/kg dry	50	"	"	"	"	"	
Bromochloromethane	BRL	42.5 ug/kg dry	50	"	"	"	"	"	
Bromodichloromethane	BRL	42.5 ug/kg dry	50	"	"	"	"	"	
Bromoform	BRL	42.5 ug/kg dry	50	"	"	"	"	"	
Bromomethane	BRL	85.0 ug/kg dry	50	"	"	"	"	"	
2-Butanone (MEK)	BRL	425 ug/kg dry	50	"	"	"	"	"	
n-Butylbenzene	BRL	42.5 ug/kg dry	50	"	"	"	"	"	
sec-Butylbenzene	BRL	42.5 ug/kg dry	50	"	"	"	"	"	
tert-Butylbenzene	BRL	42.5 ug/kg dry	50	"	"	"	"	"	
Carbon disulfide	BRL	213 ug/kg dry	50	"	"	"	"	"	
Carbon tetrachloride	BRL	42.5 ug/kg dry	50	"	"	"	"	"	
Chlorobenzene	BRL	42.5 ug/kg dry	50	"	"	"	"	"	
Chloroethane	BRL	85.0 ug/kg dry	50	"	"	"	"	"	
Chloroform	BRL	42.5 ug/kg dry	50	"	"	"	"	"	
Chloromethane	BRL	85.0 ug/kg dry	50	"	"	"	"	"	
2-Chlorotoluene	BRL	42.5 ug/kg dry	50	"	"	"	"	"	
4-Chlorotoluene	BRL	42.5 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	85.0 ug/kg dry	50	"	"	"	"	"	
Dibromochloromethane	BRL	42.5 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	42.5 ug/kg dry	50	"	"	"	"	"	
Dibromomethane	BRL	42.5 ug/kg dry	50	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	42.5 ug/kg dry	50	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	42.5 ug/kg dry	50	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	42.5 ug/kg dry	50	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	85.0 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethane	BRL	42.5 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloroethane	BRL	42.5 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethene	BRL	42.5 ug/kg dry	50	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	42.5 ug/kg dry	50	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	42.5 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloropropane	BRL	42.5 ug/kg dry	50	"	"	"	"	"	
1,3-Dichloropropane	BRL	42.5 ug/kg dry	50	"	"	"	"	"	
2,2-Dichloropropane	BRL	42.5 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloropropene	BRL	42.5 ug/kg dry	50	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	42.5 ug/kg dry	50	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	42.5 ug/kg dry	50	"	"	"	"	"	
Ethylbenzene	BRL	42.5 ug/kg dry	50	"	"	"	"	"	
Hexachlorobutadiene	BRL	42.5 ug/kg dry	50	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-28 (2-4) SA07068-03	0013172	Soil	08-Jan-04 13:10	09-Jan-04

Analyte(s)	*Result*	*RDL/Units	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							VOC10
2-Hexanone (MBK)	BRL	425 ug/kg dry	50	"	"	"	"	"	
Isopropylbenzene	BRL	42.5 ug/kg dry	50	"	"	"	"	"	
4-Isopropyltoluene	BRL	42.5 ug/kg dry	50	"	"	"	"	"	
Methyl tert-butyl ether	BRL	42.5 ug/kg dry	50	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	425 ug/kg dry	50	"	"	"	"	"	
Methylene chloride	BRL	425 ug/kg dry	50	"	"	"	"	"	
Naphthalene	BRL	42.5 ug/kg dry	50	"	"	"	"	"	
n-Propylbenzene	BRL	42.5 ug/kg dry	50	"	"	"	"	"	
Styrene	BRL	42.5 ug/kg dry	50	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	42.5 ug/kg dry	50	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	42.5 ug/kg dry	50	"	"	"	"	"	
Tetrachloroethene	BRL	42.5 ug/kg dry	50	"	"	"	"	"	
Toluene	BRL	42.5 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	42.5 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	42.5 ug/kg dry	50	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	42.5 ug/kg dry	50	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	42.5 ug/kg dry	50	"	"	"	"	"	
Trichloroethene	BRL	42.5 ug/kg dry	50	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	42.5 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	42.5 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	42.5 ug/kg dry	50	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	42.5 ug/kg dry	50	"	"	"	"	"	
Vinyl chloride	BRL	42.5 ug/kg dry	50	"	"	"	"	"	
m,p-Xylene	BRL	85.0 ug/kg dry	50	"	"	"	"	"	
o-Xylene	BRL	42.5 ug/kg dry	50	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*93.7*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*97.7*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*101*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*103*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-28 (2-4)	0013172	Soil	08-Jan-04 13:10	09-Jan-04
3A07068-03				

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3550B									
Acenaphthene	BRL	118 ug/kg dry	1	SW846 8270C	09-Jan-04	09-Jan-04	4010365	M.B	
Acenaphthylene	BRL	118 ug/kg dry	1	"	"	"	"	"	
Aniline	BRL	118 ug/kg dry	1	"	"	"	"	"	
Anthracene	BRL	118 ug/kg dry	1	"	"	"	"	"	
Azobenzene/Diphenyldiazine	BRL	118 ug/kg dry	1	"	"	"	"	"	
Benzidine	BRL	118 ug/kg dry	1	"	"	"	"	"	
Benzo (a) anthracene	BRL	118 ug/kg dry	1	"	"	"	"	"	
Benzo (a) pyrene	BRL	118 ug/kg dry	1	"	"	"	"	"	
Benzo (b) fluoranthene	BRL	118 ug/kg dry	1	"	"	"	"	"	
Benzo (g,h,i) perylene	BRL	118 ug/kg dry	1	"	"	"	"	"	
Benzo (k) fluoranthene	BRL	118 ug/kg dry	1	"	"	"	"	"	
Benzoic acid	BRL	118 ug/kg dry	1	"	"	"	"	"	
Benzyl alcohol	BRL	118 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroethoxy)methane	BRL	118 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroethyl)ether	BRL	118 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	BRL	118 ug/kg dry	1	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	BRL	118 ug/kg dry	1	"	"	"	"	"	
4-Bromophenyl phenyl ether	BRL	118 ug/kg dry	1	"	"	"	"	"	
Butyl benzyl phthalate	BRL	118 ug/kg dry	1	"	"	"	"	"	
Carbazole	BRL	118 ug/kg dry	1	"	"	"	"	"	
4-Chloro-3-methylphenol	BRL	118 ug/kg dry	1	"	"	"	"	"	
4-Chloroaniline	BRL	118 ug/kg dry	1	"	"	"	"	"	
2-Chloronaphthalene	BRL	118 ug/kg dry	1	"	"	"	"	"	
2-Chlorophenol	BRL	118 ug/kg dry	1	"	"	"	"	"	
4-Chlorophenyl phenyl ether	BRL	118 ug/kg dry	1	"	"	"	"	"	
Chrysene	BRL	118 ug/kg dry	1	"	"	"	"	"	
Dibenzo (a,h) anthracene	BRL	118 ug/kg dry	1	"	"	"	"	"	
Dibenzofuran	BRL	118 ug/kg dry	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	118 ug/kg dry	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	118 ug/kg dry	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	118 ug/kg dry	1	"	"	"	"	"	
3,3'-Dichlorobenzidine	BRL	118 ug/kg dry	1	"	"	"	"	"	
2,4-Dichlorophenol	BRL	118 ug/kg dry	1	"	"	"	"	"	
Diethyl phthalate	BRL	118 ug/kg dry	1	"	"	"	"	"	
Dimethyl phthalate	BRL	118 ug/kg dry	1	"	"	"	"	"	
2,4-Dimethylphenol	BRL	118 ug/kg dry	1	"	"	"	"	"	
Di-n-butyl phthalate	BRL	118 ug/kg dry	1	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	BRL	118 ug/kg dry	1	"	"	"	"	"	
2,4-Dinitrophenol	BRL	118 ug/kg dry	1	"	"	"	"	"	
2,4-Dinitrotoluene	BRL	118 ug/kg dry	1	"	"	"	"	"	
2,6-Dinitrotoluene	BRL	118 ug/kg dry	1	"	"	"	"	"	
Di-n-octyl phthalate	BRL	118 ug/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-28 (2-4) ?A07068-03	0013172	Soil	08-Jan-04 13:10	09-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3550B									
Fluoranthene	BRL	118 ug/kg dry	1	"	"	"	"	"	
Fluorene	BRL	118 ug/kg dry	1	"	"	"	"	"	
Hexachlorobenzene	BRL	118 ug/kg dry	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	118 ug/kg dry	1	"	"	"	"	"	
Hexachlorocyclopentadiene	BRL	118 ug/kg dry	1	"	"	"	"	"	
Hexachloroethane	BRL	118 ug/kg dry	1	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	BRL	118 ug/kg dry	1	"	"	"	"	"	
1-Methylnaphthalene	BRL	118 ug/kg dry	1	"	"	"	"	"	
Isophorone	BRL	118 ug/kg dry	1	"	"	"	"	"	
2-Methylnaphthalene	BRL	118 ug/kg dry	1	"	"	"	"	"	
2-Methylphenol	BRL	118 ug/kg dry	1	"	"	"	"	"	
3-Methylphenol	BRL	118 ug/kg dry	1	"	"	"	"	"	
4-Methylphenol	BRL	118 ug/kg dry	1	"	"	"	"	"	
Naphthalene	BRL	118 ug/kg dry	1	"	"	"	"	"	
2-Nitroaniline	BRL	118 ug/kg dry	1	"	"	"	"	"	
3-Nitroaniline	BRL	118 ug/kg dry	1	"	"	"	"	"	
4-Nitroaniline	BRL	118 ug/kg dry	1	"	"	"	"	"	
Nitrobenzene	BRL	118 ug/kg dry	1	"	"	"	"	"	
2-Nitrophenol	BRL	118 ug/kg dry	1	"	"	"	"	"	
4-Nitrophenol	BRL	118 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodimethylamine	BRL	118 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodi-n-propylamine	BRL	118 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodiphenylamine	BRL	118 ug/kg dry	1	"	"	"	"	"	
Pentachlorophenol	BRL	118 ug/kg dry	1	"	"	"	"	"	
Phenanthrene	BRL	118 ug/kg dry	1	"	"	"	"	"	
Phenol	BRL	118 ug/kg dry	1	"	"	"	"	"	
Pyrene	BRL	118 ug/kg dry	1	"	"	"	"	"	
Pyridine	BRL	118 ug/kg dry	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	118 ug/kg dry	1	"	"	"	"	"	
2,4,5-Trichlorophenol	BRL	118 ug/kg dry	1	"	"	"	"	"	
2,4,6-Trichlorophenol	BRL	118 ug/kg dry	1	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl	*62.8*	*30-130 %*		"	"	"	"	"	
Surrogate: 2-Fluorophenol	*70.2*	*15-110 %*		"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*52.1*	*30-130 %*		"	"	"	"	"	
Surrogate: Phenol-d5	*61.1*	*15-110 %*		"	"	"	"	"	
Surrogate: Terphenyl-dl4	*74.1*	*30-130 %*		"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol	*77.7*	*15-110 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-28 (2-4) SA07068-03	0013172	Soil	08-Jan-04 13:10	09-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Total Metals by EPA 6000/7000 Series Methods, Prepared by SW846 3050B									
Mercury	BRL	0.203 mg/kg dry	1	SW846 7471A	09-Jan-04	12-Jan-04	4010435	YP	
Total Metals by EPA 200 Series Methods									
Silver	BRL	2.28 mg/kg dry	1	EPA 200.7	"	12-Jan-04	4010433	KS	
Aluminum	13,300	3.42 mg/kg dry	1	"	"	"	"	"	
Arsenic	11.5	3.42 mg/kg dry	1	"	"	"	"	"	
Barium	65.5	1.14 mg/kg dry	1	"	"	"	"	"	
Beryllium	0.638	0.456 mg/kg dry	1	"	"	"	"	"	
Calcium	9,380	11.4 mg/kg dry	1	"	"	"	"	"	
Cadmium	BRL	0.570 mg/kg dry	1	"	"	"	"	"	
Cobalt	13.1	1.14 mg/kg dry	1	"	"	"	"	"	
Chromium	17.0	1.14 mg/kg dry	1	"	"	"	"	"	
Copper	25.4	1.14 mg/kg dry	1	"	"	"	"	"	
Iron	33,800	1.14 mg/kg dry	1	"	"	"	"	"	
Potassium	393	22.8 mg/kg dry	1	"	"	"	"	"	
Magnesium	7,010	5.70 mg/kg dry	1	"	"	"	"	"	
Manganese	577	0.228 mg/kg dry	1	"	"	"	"	"	
Sodium	BRL	911 mg/kg dry	2	"	"	12-Jan-04	"	"	
Nickel	28.8	1.14 mg/kg dry	1	"	"	12-Jan-04	"	"	
Lead	4.11	1.71 mg/kg dry	1	"	"	"	"	"	
Antimony	BRL	3.42 mg/kg dry	1	"	"	"	"	"	
Selenium	BRL	3.42 mg/kg dry	1	"	"	"	"	"	
Thallium	BRL	3.42 mg/kg dry	1	"	"	"	"	"	
Vanadium	16.4	1.14 mg/kg dry	1	"	"	"	"	"	
Zinc	54.7	1.14 mg/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-28 (2-4) A07068-03	0013172	Soil	08-Jan-04 13:10	09-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
General Chemistry Parameters									
% Solids	83.1	%	1	SM2540 G Mod.	09-Jan-04	12-Jan-04	4010392	LN	
Hexavalent Chromium	BRL	11.7 mg/kg dry	1	SW846 3060A	09-Jan-04	10-Jan-04	4010446	AJ	
Cyanide (total)	BRL	1.18 mg/kg dry	1	10-204-00-1-A	09-Jan-04	09-Jan-04	4010439	AW	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-28 (2-4) SA07068-03RE1	0013172	Soil	08-Jan-04 13:10	09-Jan-04

Analyte(s)	*Result*	*RDL/Units	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5035A							
Acetone	BRL	85.5 ug/kg dry	1	SW 846 8260B	12-Jan-04	13-Jan-04	4010560	CH	
Acrylonitrile	BRL	4.27 ug/kg dry	1	"	"	"	"	"	
Benzene	BRL	4.27 ug/kg dry	1	"	"	"	"	"	
Bromobenzene	BRL	4.27 ug/kg dry	1	"	"	"	"	"	
Bromochloromethane	BRL	4.27 ug/kg dry	1	"	"	"	"	"	
Bromodichloromethane	BRL	4.27 ug/kg dry	1	"	"	"	"	"	
Bromoform	BRL	4.27 ug/kg dry	1	"	"	"	"	"	
Bromomethane	BRL	8.55 ug/kg dry	1	"	"	"	"	"	
2-Butanone (MEK)	BRL	42.7 ug/kg dry	1	"	"	"	"	"	
n-Butylbenzene	BRL	4.27 ug/kg dry	1	"	"	"	"	"	
sec-Butylbenzene	BRL	4.27 ug/kg dry	1	"	"	"	"	"	
tert-Butylbenzene	BRL	4.27 ug/kg dry	1	"	"	"	"	"	
Carbon disulfide	BRL	21.4 ug/kg dry	1	"	"	"	"	"	
Carbon tetrachloride	BRL	4.27 ug/kg dry	1	"	"	"	"	"	
Chlorobenzene	BRL	4.27 ug/kg dry	1	"	"	"	"	"	
Chloroethane	BRL	8.55 ug/kg dry	1	"	"	"	"	"	
Chloroform	BRL	4.27 ug/kg dry	1	"	"	"	"	"	
Chloromethane	BRL	8.55 ug/kg dry	1	"	"	"	"	"	
2-Chlorotoluene	BRL	4.27 ug/kg dry	1	"	"	"	"	"	
4-Chlorotoluene	BRL	4.27 ug/kg dry	1	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	8.55 ug/kg dry	1	"	"	"	"	"	
Dibromochloromethane	BRL	4.27 ug/kg dry	1	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	4.27 ug/kg dry	1	"	"	"	"	"	
Dibromomethane	BRL	4.27 ug/kg dry	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	4.27 ug/kg dry	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	4.27 ug/kg dry	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	4.27 ug/kg dry	1	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	8.55 ug/kg dry	1	"	"	"	"	"	
1,1-Dichloroethane	BRL	4.27 ug/kg dry	1	"	"	"	"	"	
1,2-Dichloroethane	BRL	4.27 ug/kg dry	1	"	"	"	"	"	
1,1-Dichloroethene	BRL	4.27 ug/kg dry	1	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	4.27 ug/kg dry	1	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	4.27 ug/kg dry	1	"	"	"	"	"	
1,2-Dichloropropane	BRL	4.27 ug/kg dry	1	"	"	"	"	"	
1,3-Dichloropropane	BRL	4.27 ug/kg dry	1	"	"	"	"	"	
2,2-Dichloropropane	BRL	4.27 ug/kg dry	1	"	"	"	"	"	
1,1-Dichloropropene	BRL	4.27 ug/kg dry	1	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	4.27 ug/kg dry	1	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	4.27 ug/kg dry	1	"	"	"	"	"	
Ethylbenzene	BRL	4.27 ug/kg dry	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	4.27 ug/kg dry	1	"	"	"	"	"	
2-Hexanone (MBK)	BRL	42.7 ug/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-28 (2-4) SA07068-03RE1	0013172	Soil	08-Jan-04 13:10	09-Jan-04

Analyte(s)	*Result*	*RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5035A							
Isopropylbenzene	BRL	4.27 ug/kg dry	1	"	"	"	"	"	
4-Isopropyltoluene	BRL	4.27 ug/kg dry	1	"	"	"	"	"	
Methyl tert-butyl ether	BRL	4.27 ug/kg dry	1	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	42.7 ug/kg dry	1	"	"	"	"	"	
Methylene chloride	BRL	42.7 ug/kg dry	1	"	"	"	"	"	
Naphthalene	BRL	4.27 ug/kg dry	1	"	"	"	"	"	
n-Propylbenzene	BRL	4.27 ug/kg dry	1	"	"	"	"	"	
Styrene	BRL	4.27 ug/kg dry	1	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	4.27 ug/kg dry	1	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	4.27 ug/kg dry	1	"	"	"	"	"	
Tetrachloroethene	BRL	4.27 ug/kg dry	1	"	"	"	"	"	
Toluene	BRL	4.27 ug/kg dry	1	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	4.27 ug/kg dry	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	4.27 ug/kg dry	1	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	4.27 ug/kg dry	1	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	4.27 ug/kg dry	1	"	"	"	"	"	
Trichloroethene	BRL	4.27 ug/kg dry	1	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	4.27 ug/kg dry	1	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	4.27 ug/kg dry	1	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	4.27 ug/kg dry	1	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	4.27 ug/kg dry	1	"	"	"	"	"	
Vinyl chloride	BRL	4.27 ug/kg dry	1	"	"	"	"	"	
m,p-Xylene	BRL	8.55 ug/kg dry	1	"	"	"	"	"	
o-Xylene	BRL	4.27 ug/kg dry	1	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*94.4*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*96.6*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*102*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*100*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-29 (12-13.1) SA07068-04	0013172	Soil	08-Jan-04 15:20	09-Jan-04

Analyte(s)	*Result*	*RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
VOC Extraction	Field Extracted	N/A	1	VOC	09-Jan-04	09-Jan-04	4010432	LN	
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							VOC10
Acetone	BRL	543 ug/kg dry	50	SW 846 8260B	09-Jan-04	09-Jan-04	4010397	trb	
Acrylonitrile	BRL	27.1 ug/kg dry	50	"	"	"	"	"	
Benzene	BRL	27.1 ug/kg dry	50	"	"	"	"	"	
Bromobenzene	BRL	27.1 ug/kg dry	50	"	"	"	"	"	
Bromochloromethane	BRL	27.1 ug/kg dry	50	"	"	"	"	"	
Bromodichloromethane	BRL	27.1 ug/kg dry	50	"	"	"	"	"	
Bromoform	BRL	27.1 ug/kg dry	50	"	"	"	"	"	
Bromomethane	BRL	54.3 ug/kg dry	50	"	"	"	"	"	
2-Butanone (MEK)	BRL	271 ug/kg dry	50	"	"	"	"	"	
n-Butylbenzene	137	27.1 ug/kg dry	50	"	"	"	"	"	
sec-Butylbenzene	60.8	27.1 ug/kg dry	50	"	"	"	"	"	
tert-Butylbenzene	BRL	27.1 ug/kg dry	50	"	"	"	"	"	
Carbon disulfide	BRL	136 ug/kg dry	50	"	"	"	"	"	
Carbon tetrachloride	BRL	27.1 ug/kg dry	50	"	"	"	"	"	
Chlorobenzene	BRL	27.1 ug/kg dry	50	"	"	"	"	"	
Chloroethane	BRL	54.3 ug/kg dry	50	"	"	"	"	"	
Chloroform	BRL	27.1 ug/kg dry	50	"	"	"	"	"	
Chloromethane	BRL	54.3 ug/kg dry	50	"	"	"	"	"	
2-Chlorotoluene	BRL	27.1 ug/kg dry	50	"	"	"	"	"	
4-Chlorotoluene	BRL	27.1 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	54.3 ug/kg dry	50	"	"	"	"	"	
Dibromochloromethane	BRL	27.1 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	27.1 ug/kg dry	50	"	"	"	"	"	
Dibromomethane	BRL	27.1 ug/kg dry	50	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	27.1 ug/kg dry	50	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	27.1 ug/kg dry	50	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	27.1 ug/kg dry	50	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	54.3 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethane	137	27.1 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloroethane	BRL	27.1 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethene	BRL	27.1 ug/kg dry	50	"	"	"	"	"	
cis-1,2-Dichloroethene	1,510	27.1 ug/kg dry	50	"	"	"	"	"	
trans-1,2-Dichloroethene	31.2	27.1 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloropropane	BRL	27.1 ug/kg dry	50	"	"	"	"	"	
1,3-Dichloropropane	BRL	27.1 ug/kg dry	50	"	"	"	"	"	
2,2-Dichloropropane	BRL	27.1 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloropropene	BRL	27.1 ug/kg dry	50	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	27.1 ug/kg dry	50	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	27.1 ug/kg dry	50	"	"	"	"	"	
Ethylbenzene	BRL	27.1 ug/kg dry	50	"	"	"	"	"	
Hexachlorobutadiene	BRL	27.1 ug/kg dry	50	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-29 (12-13.1) CA07068-04	0013172	Soil	08-Jan-04 15:20	09-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							VOCI0
2-Hexanone (MBK)	BRL	271 ug/kg dry	50	"	"	"	"	"	
Isopropylbenzene	BRL	27.1 ug/kg dry	50	"	"	"	"	"	
4-Isopropyltoluene	BRL	27.1 ug/kg dry	50	"	"	"	"	"	
Methyl tert-butyl ether	BRL	27.1 ug/kg dry	50	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	271 ug/kg dry	50	"	"	"	"	"	
Methylene chloride	BRL	271 ug/kg dry	50	"	"	"	"	"	
Naphthalene	BRL	27.1 ug/kg dry	50	"	"	"	"	"	
n-Propylbenzene	BRL	27.1 ug/kg dry	50	"	"	"	"	"	
Styrene	BRL	27.1 ug/kg dry	50	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	27.1 ug/kg dry	50	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	27.1 ug/kg dry	50	"	"	"	"	"	
Tetrachloroethene	BRL	27.1 ug/kg dry	50	"	"	"	"	"	
Toluene	BRL	27.1 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	27.1 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	27.1 ug/kg dry	50	"	"	"	"	"	
1,1,1-Trichloroethane	37.2	27.1 ug/kg dry	50	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	27.1 ug/kg dry	50	"	"	"	"	"	
Trichloroethene	2,990	27.1 ug/kg dry	50	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	27.1 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	27.1 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trimethylbenzene	36.9	27.1 ug/kg dry	50	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	27.1 ug/kg dry	50	"	"	"	"	"	
Vinyl chloride	309	27.1 ug/kg dry	50	"	"	"	"	"	
m,p-Xylene	BRL	54.3 ug/kg dry	50	"	"	"	"	"	
o-Xylene	BRL	27.1 ug/kg dry	50	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*98.7*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*103*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*108*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*105*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-29 (12-13.1) A07068-04	0013172	Soil	08-Jan-04 15:20	09-Jan-04

Analyte(s)	*Result*	*RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GC									
Polychlorinated Biphenyls by SW846 8082		Prepared by method SW846 3550B							
PCB 1016	BRL	44.0 ug/kg dry	1	SW846 8082	09-Jan-04	12-Jan-04	4010371	TG	
PCB 1221	BRL	44.0 ug/kg dry	1	"	"	"	"	"	
PCB 1232	BRL	44.0 ug/kg dry	1	"	"	"	"	"	
PCB 1242	BRL	44.0 ug/kg dry	1	"	"	"	"	"	
PCB 1248	BRL	44.0 ug/kg dry	1	"	"	"	"	"	
PCB 1254	317	44.0 ug/kg dry	1	"	"	"	"	"	
PCB 1260	BRL	44.0 ug/kg dry	1	"	"	"	"	"	
PCB 1262	BRL	44.0 ug/kg dry	1	"	"	"	"	"	
PCB 1268	BRL	44.0 ug/kg dry	1	"	"	"	"	"	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*90.7*	*40-140 %*		"	"	"	"	"	
Surrogate: Decachlorobiphenyl (Sr)	*85.9*	*40-140 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C		Prepared by method SW846 3550B							
Acenaphthene	BRL	112 ug/kg dry	1	SW846 8270C	09-Jan-04	10-Jan-04	4010365	M.B	
Acenaphthylene	BRL	112 ug/kg dry	1	"	"	"	"	"	
Aniline	BRL	112 ug/kg dry	1	"	"	"	"	"	
Anthracene	BRL	112 ug/kg dry	1	"	"	"	"	"	
Azobenzene/Diphenyldiazine	BRL	112 ug/kg dry	1	"	"	"	"	"	
Benzidine	BRL	112 ug/kg dry	1	"	"	"	"	"	
Benzo (a) anthracene	BRL	112 ug/kg dry	1	"	"	"	"	"	
Benzo (a) pyrene	BRL	112 ug/kg dry	1	"	"	"	"	"	
Benzo (b) fluoranthene	BRL	112 ug/kg dry	1	"	"	"	"	"	
Benzo (g,h,i) perylene	BRL	112 ug/kg dry	1	"	"	"	"	"	
Benzo (k) fluoranthene	BRL	112 ug/kg dry	1	"	"	"	"	"	
Benzoic acid	BRL	112 ug/kg dry	1	"	"	"	"	"	
Benzyl alcohol	BRL	112 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroethoxy)methane	BRL	112 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroethyl)ether	BRL	112 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	BRL	112 ug/kg dry	1	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	BRL	112 ug/kg dry	1	"	"	"	"	"	
4-Bromophenyl phenyl ether	BRL	112 ug/kg dry	1	"	"	"	"	"	
Butyl benzyl phthalate	BRL	112 ug/kg dry	1	"	"	"	"	"	
Carbazole	BRL	112 ug/kg dry	1	"	"	"	"	"	
4-Chloro-3-methylphenol	BRL	112 ug/kg dry	1	"	"	"	"	"	
4-Chloroaniline	BRL	112 ug/kg dry	1	"	"	"	"	"	
2-Chloronaphthalene	BRL	112 ug/kg dry	1	"	"	"	"	"	
2-Chlorophenol	BRL	112 ug/kg dry	1	"	"	"	"	"	
4-Chlorophenyl phenyl ether	BRL	112 ug/kg dry	1	"	"	"	"	"	
Chrysene	BRL	112 ug/kg dry	1	"	"	"	"	"	
Dibenzo (a,h) anthracene	BRL	112 ug/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-29 (12-13.1) SA07068-04	0013172	Soil	08-Jan-04 15:20	09-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3550B									
Dibenzofuran	BRL	112 ug/kg dry	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	112 ug/kg dry	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	112 ug/kg dry	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	112 ug/kg dry	1	"	"	"	"	"	
3,3'-Dichlorobenzidine	BRL	112 ug/kg dry	1	"	"	"	"	"	
2,4-Dichlorophenol	BRL	112 ug/kg dry	1	"	"	"	"	"	
Diethyl phthalate	BRL	112 ug/kg dry	1	"	"	"	"	"	
Dimethyl phthalate	BRL	112 ug/kg dry	1	"	"	"	"	"	
2,4-Dimethylphenol	BRL	112 ug/kg dry	1	"	"	"	"	"	
Di-n-butyl phthalate	BRL	112 ug/kg dry	1	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	BRL	112 ug/kg dry	1	"	"	"	"	"	
2,4-Dinitrophenol	BRL	112 ug/kg dry	1	"	"	"	"	"	
2,4-Dinitrotoluene	BRL	112 ug/kg dry	1	"	"	"	"	"	
2,6-Dinitrotoluene	BRL	112 ug/kg dry	1	"	"	"	"	"	
Di-n-octyl phthalate	BRL	112 ug/kg dry	1	"	"	"	"	"	
Fluoranthene	317	112 ug/kg dry	1	"	"	"	"	"	
Fluorene	BRL	112 ug/kg dry	1	"	"	"	"	"	
Hexachlorobenzene	BRL	112 ug/kg dry	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	112 ug/kg dry	1	"	"	"	"	"	
Hexachlorocyclopentadiene	BRL	112 ug/kg dry	1	"	"	"	"	"	
Hexachloroethane	BRL	112 ug/kg dry	1	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	BRL	112 ug/kg dry	1	"	"	"	"	"	
1-Methylnaphthalene	BRL	112 ug/kg dry	1	"	"	"	"	"	
Isophorone	BRL	112 ug/kg dry	1	"	"	"	"	"	
2-Methylnaphthalene	BRL	112 ug/kg dry	1	"	"	"	"	"	
2-Methylphenol	BRL	112 ug/kg dry	1	"	"	"	"	"	
3-Methylphenol	BRL	112 ug/kg dry	1	"	"	"	"	"	
4-Methylphenol	BRL	112 ug/kg dry	1	"	"	"	"	"	
Naphthalene	BRL	112 ug/kg dry	1	"	"	"	"	"	
2-Nitroaniline	BRL	112 ug/kg dry	1	"	"	"	"	"	
3-Nitroaniline	BRL	112 ug/kg dry	1	"	"	"	"	"	
4-Nitroaniline	BRL	112 ug/kg dry	1	"	"	"	"	"	
Nitrobenzene	BRL	112 ug/kg dry	1	"	"	"	"	"	
2-Nitrophenol	BRL	112 ug/kg dry	1	"	"	"	"	"	
4-Nitrophenol	BRL	112 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodimethylamine	BRL	112 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodi-n-propylamine	BRL	112 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodiphenylamine	BRL	112 ug/kg dry	1	"	"	"	"	"	
Pentachlorophenol	BRL	112 ug/kg dry	1	"	"	"	"	"	
Phenanthrene	327	112 ug/kg dry	1	"	"	"	"	"	
Phenol	BRL	112 ug/kg dry	1	"	"	"	"	"	
Pyrene	690	112 ug/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-29 (12-13.1) SA07068-04	0013172	Soil	08-Jan-04 15:20	09-Jan-04

Analyte(s)	*Result*	*RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3550B									
Pyridine	BRL	112 ug/kg dry	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	112 ug/kg dry	1	"	"	"	"	"	
2,4,5-Trichlorophenol	BRL	112 ug/kg dry	1	"	"	"	"	"	
2,4,6-Trichlorophenol	BRL	112 ug/kg dry	1	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl	*59.3*	*30-130 %*		"	"	"	"	"	
Surrogate: 2-Fluorophenol	*61.8*	*15-110 %*		"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*54.8*	*30-130 %*		"	"	"	"	"	
Surrogate: Phenol-d5	*55.2*	*15-110 %*		"	"	"	"	"	
Surrogate: Terphenyl-dl4	*69.5*	*30-130 %*		"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol	*78.7*	*15-110 %*		"	"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods, Prepared by SW846 3050B									
Mercury	BRL	0.182 mg/kg dry	1	SW846 7471A	09-Jan-04	12-Jan-04	4010435	YP	
Total Metals by EPA 200 Series Methods									
Silver	BRL	2.07 mg/kg dry	1	EPA 200.7	"	12-Jan-04	4010433	KS	
Aluminum	13,200	3.11 mg/kg dry	1	"	"	"	"	"	
Arsenic	8.57	3.11 mg/kg dry	1	"	"	"	"	"	
Barium	98.3	1.04 mg/kg dry	1	"	"	"	"	"	
Beryllium	0.508	0.415 mg/kg dry	1	"	"	"	"	"	
Calcium	7,040	10.4 mg/kg dry	1	"	"	"	"	"	
Cadmium	BRL	0.518 mg/kg dry	1	"	"	"	"	"	
Cobalt	12.4	1.04 mg/kg dry	1	"	"	"	"	"	
Chromium	89.6	1.04 mg/kg dry	1	"	"	"	"	"	
Copper	46.1	1.04 mg/kg dry	1	"	"	"	"	"	
Iron	32,900	1.04 mg/kg dry	1	"	"	"	"	"	
Potassium	437	20.7 mg/kg dry	1	"	"	"	"	"	
Magnesium	6,530	5.18 mg/kg dry	1	"	"	"	"	"	
Manganese	992	0.207 mg/kg dry	1	"	"	"	"	"	
Sodium	BRL	829 mg/kg dry	2	"	"	12-Jan-04	"	"	
Nickel	52.6	1.04 mg/kg dry	1	"	"	12-Jan-04	"	"	
Lead	BRL	1.56 mg/kg dry	1	"	"	"	"	"	
Antimony	BRL	3.11 mg/kg dry	1	"	"	"	"	"	
Selenium	BRL	3.11 mg/kg dry	1	"	"	"	"	"	
Thallium	BRL	3.11 mg/kg dry	1	"	"	"	"	"	
Vanadium	14.8	1.04 mg/kg dry	1	"	"	"	"	"	
Zinc	1,160	1.04 mg/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-29 (12-13.1) SA07068-04	0013172	Soil	08-Jan-04 15:20	09-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
General Chemistry Parameters									
% Solids	87.7	%	1	SM2540 G Mod.	09-Jan-04	12-Jan-04	4010392	LN	
Hexavalent Chromium	16.1	10.6 mg/kg dry	1	SW846 3060A	09-Jan-04	10-Jan-04	4010446	AJ	
Cyanide (total)	21.5	1.12 mg/kg dry	1	10-204-00-1-A	09-Jan-04	09-Jan-04	4010439	AW	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-30 (3-5) SA07068-05	0013172	Soil	08-Jan-04 15:37	09-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
VOC Extraction	Field Extracted	N/A	1	VOC	09-Jan-04	09-Jan-04	4010432	LN	
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							VOC10
Acetone	BRL	745 ug/kg dry	50	SW 846 8260B	09-Jan-04	09-Jan-04	4010397	trb	
Acrylonitrile	BRL	37.2 ug/kg dry	50	"	"	"	"	"	
Benzene	BRL	37.2 ug/kg dry	50	"	"	"	"	"	
Bromobenzene	BRL	37.2 ug/kg dry	50	"	"	"	"	"	
Bromochloromethane	BRL	37.2 ug/kg dry	50	"	"	"	"	"	
Bromodichloromethane	BRL	37.2 ug/kg dry	50	"	"	"	"	"	
Bromoform	BRL	37.2 ug/kg dry	50	"	"	"	"	"	
Bromomethane	BRL	74.5 ug/kg dry	50	"	"	"	"	"	
2-Butanone (MEK)	BRL	372 ug/kg dry	50	"	"	"	"	"	
n-Butylbenzene	BRL	37.2 ug/kg dry	50	"	"	"	"	"	
sec-Butylbenzene	BRL	37.2 ug/kg dry	50	"	"	"	"	"	
tert-Butylbenzene	BRL	37.2 ug/kg dry	50	"	"	"	"	"	
Carbon disulfide	BRL	186 ug/kg dry	50	"	"	"	"	"	
Carbon tetrachloride	BRL	37.2 ug/kg dry	50	"	"	"	"	"	
Chlorobenzene	BRL	37.2 ug/kg dry	50	"	"	"	"	"	
Chloroethane	BRL	74.5 ug/kg dry	50	"	"	"	"	"	
Chloroform	BRL	37.2 ug/kg dry	50	"	"	"	"	"	
Chloromethane	BRL	74.5 ug/kg dry	50	"	"	"	"	"	
2-Chlorotoluene	BRL	37.2 ug/kg dry	50	"	"	"	"	"	
4-Chlorotoluene	BRL	37.2 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	74.5 ug/kg dry	50	"	"	"	"	"	
Dibromochloromethane	BRL	37.2 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	37.2 ug/kg dry	50	"	"	"	"	"	
Dibromomethane	BRL	37.2 ug/kg dry	50	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	37.2 ug/kg dry	50	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	37.2 ug/kg dry	50	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	37.2 ug/kg dry	50	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	74.5 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethane	BRL	37.2 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloroethane	BRL	37.2 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethene	BRL	37.2 ug/kg dry	50	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	37.2 ug/kg dry	50	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	37.2 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloropropane	BRL	37.2 ug/kg dry	50	"	"	"	"	"	
1,3-Dichloropropane	BRL	37.2 ug/kg dry	50	"	"	"	"	"	
2,2-Dichloropropane	BRL	37.2 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloropropene	BRL	37.2 ug/kg dry	50	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	37.2 ug/kg dry	50	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	37.2 ug/kg dry	50	"	"	"	"	"	
Ethylbenzene	BRL	37.2 ug/kg dry	50	"	"	"	"	"	
Hexachlorobutadiene	BRL	37.2 ug/kg dry	50	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-30 (3-5) SA07068-05	0013172	Soil	08-Jan-04 15:37	09-Jan-04

Analyte(s)	*Result*	*RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							VOC10
2-Hexanone (MBK)	BRL	372 ug/kg dry	50	"	"	"	"	"	
Isopropylbenzene	BRL	37.2 ug/kg dry	50	"	"	"	"	"	
4-Isopropyltoluene	BRL	37.2 ug/kg dry	50	"	"	"	"	"	
Methyl tert-butyl ether	BRL	37.2 ug/kg dry	50	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	372 ug/kg dry	50	"	"	"	"	"	
Methylene chloride	BRL	372 ug/kg dry	50	"	"	"	"	"	
Naphthalene	BRL	37.2 ug/kg dry	50	"	"	"	"	"	
n-Propylbenzene	BRL	37.2 ug/kg dry	50	"	"	"	"	"	
Styrene	BRL	37.2 ug/kg dry	50	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	37.2 ug/kg dry	50	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	37.2 ug/kg dry	50	"	"	"	"	"	
Tetrachloroethene	BRL	37.2 ug/kg dry	50	"	"	"	"	"	
Toluene	BRL	37.2 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	37.2 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	37.2 ug/kg dry	50	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	37.2 ug/kg dry	50	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	37.2 ug/kg dry	50	"	"	"	"	"	
Trichloroethene	BRL	37.2 ug/kg dry	50	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	37.2 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	37.2 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	37.2 ug/kg dry	50	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	37.2 ug/kg dry	50	"	"	"	"	"	
Vinyl chloride	BRL	37.2 ug/kg dry	50	"	"	"	"	"	
m,p-Xylene	BRL	74.5 ug/kg dry	50	"	"	"	"	"	
o-Xylene	BRL	37.2 ug/kg dry	50	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*93.3*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*98.0*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*94.3*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*101*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-30 (3-5) SA07068-05	0013172	Soil	08-Jan-04 15:37	09-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3550B									
Acenaphthene	BRL	101 ug/kg dry	1	SW846 8270C	09-Jan-04	10-Jan-04	4010365	M.B	
Acenaphthylene	BRL	101 ug/kg dry	1	"	"	"	"	"	
Aniline	BRL	101 ug/kg dry	1	"	"	"	"	"	
Anthracene	BRL	101 ug/kg dry	1	"	"	"	"	"	
Azobenzene/Diphenyldiazine	BRL	101 ug/kg dry	1	"	"	"	"	"	
Benzidine	BRL	101 ug/kg dry	1	"	"	"	"	"	
Benzo (a) anthracene	BRL	101 ug/kg dry	1	"	"	"	"	"	
Benzo (a) pyrene	BRL	101 ug/kg dry	1	"	"	"	"	"	
Benzo (b) fluoranthene	BRL	101 ug/kg dry	1	"	"	"	"	"	
Benzo (g,h,i) perylene	BRL	101 ug/kg dry	1	"	"	"	"	"	
Benzo (k) fluoranthene	BRL	101 ug/kg dry	1	"	"	"	"	"	
Benzoic acid	BRL	101 ug/kg dry	1	"	"	"	"	"	
Benzyl alcohol	BRL	101 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroethoxy)methane	BRL	101 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroethyl)ether	BRL	101 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	BRL	101 ug/kg dry	1	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	BRL	101 ug/kg dry	1	"	"	"	"	"	
-Bromophenyl phenyl ether	BRL	101 ug/kg dry	1	"	"	"	"	"	
Butyl benzyl phthalate	BRL	101 ug/kg dry	1	"	"	"	"	"	
Carbazole	BRL	101 ug/kg dry	1	"	"	"	"	"	
4-Chloro-3-methylphenol	BRL	101 ug/kg dry	1	"	"	"	"	"	
4-Chloroaniline	BRL	101 ug/kg dry	1	"	"	"	"	"	
2-Chloronaphthalene	BRL	101 ug/kg dry	1	"	"	"	"	"	
2-Chlorophenol	BRL	101 ug/kg dry	1	"	"	"	"	"	
4-Chlorophenyl phenyl ether	BRL	101 ug/kg dry	1	"	"	"	"	"	
Chrysene	BRL	101 ug/kg dry	1	"	"	"	"	"	
Dibenzo (a,h) anthracene	BRL	101 ug/kg dry	1	"	"	"	"	"	
Dibenzofuran	BRL	101 ug/kg dry	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	101 ug/kg dry	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	101 ug/kg dry	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	101 ug/kg dry	1	"	"	"	"	"	
3,3'-Dichlorobenzidine	BRL	101 ug/kg dry	1	"	"	"	"	"	
2,4-Dichlorophenol	BRL	101 ug/kg dry	1	"	"	"	"	"	
Diethyl phthalate	BRL	101 ug/kg dry	1	"	"	"	"	"	
Dimethyl phthalate	BRL	101 ug/kg dry	1	"	"	"	"	"	
2,4-Dimethylphenol	BRL	101 ug/kg dry	1	"	"	"	"	"	
Di-n-butyl phthalate	BRL	101 ug/kg dry	1	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	BRL	101 ug/kg dry	1	"	"	"	"	"	
2,4-Dinitrophenol	BRL	101 ug/kg dry	1	"	"	"	"	"	
2,4-Dinitrotoluene	BRL	101 ug/kg dry	1	"	"	"	"	"	
,6-Dinitrotoluene	BRL	101 ug/kg dry	1	"	"	"	"	"	
Di-n-octyl phthalate	BRL	101 ug/kg dry	1	"	"	"	"	"	

This laboratory report is not valid without an authorized signature on the cover page.

*Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-30 (3-5) SA07068-05	0013172	Soil	08-Jan-04 15:37	09-Jan-04

Analyte(s)	*Result*	*RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3550B									
Fluoranthene	BRL	101 ug/kg dry	1	"	"	"	"	"	
Fluorene	BRL	101 ug/kg dry	1	"	"	"	"	"	
Hexachlorobenzene	BRL	101 ug/kg dry	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	101 ug/kg dry	1	"	"	"	"	"	
Hexachlorocyclopentadiene	BRL	101 ug/kg dry	1	"	"	"	"	"	
Hexachloroethane	BRL	101 ug/kg dry	1	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	BRL	101 ug/kg dry	1	"	"	"	"	"	
1-Methylnaphthalene	BRL	101 ug/kg dry	1	"	"	"	"	"	
Isophorone	BRL	101 ug/kg dry	1	"	"	"	"	"	
2-Methylnaphthalene	BRL	101 ug/kg dry	1	"	"	"	"	"	
2-Methylphenol	BRL	101 ug/kg dry	1	"	"	"	"	"	
3-Methylphenol	BRL	101 ug/kg dry	1	"	"	"	"	"	
4-Methylphenol	BRL	101 ug/kg dry	1	"	"	"	"	"	
Naphthalene	BRL	101 ug/kg dry	1	"	"	"	"	"	
2-Nitroaniline	BRL	101 ug/kg dry	1	"	"	"	"	"	
3-Nitroaniline	BRL	101 ug/kg dry	1	"	"	"	"	"	
4-Nitroaniline	BRL	101 ug/kg dry	1	"	"	"	"	"	
Nitrobenzene	BRL	101 ug/kg dry	1	"	"	"	"	"	
2-Nitrophenol	BRL	101 ug/kg dry	1	"	"	"	"	"	
4-Nitrophenol	BRL	101 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodimethylamine	BRL	101 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodi-n-propylamine	BRL	101 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodiphenylamine	BRL	101 ug/kg dry	1	"	"	"	"	"	
Pentachlorophenol	BRL	101 ug/kg dry	1	"	"	"	"	"	
Phenanthrene	BRL	101 ug/kg dry	1	"	"	"	"	"	
Phenol	BRL	101 ug/kg dry	1	"	"	"	"	"	
Pyrene	BRL	101 ug/kg dry	1	"	"	"	"	"	
Pyridine	BRL	101 ug/kg dry	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	101 ug/kg dry	1	"	"	"	"	"	
2,4,5-Trichlorophenol	BRL	101 ug/kg dry	1	"	"	"	"	"	
2,4,6-Trichlorophenol	BRL	101 ug/kg dry	1	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl	*64.3*	*30-130 %*		"	"	"	"	"	
Surrogate: 2-Fluorophenol	*74.0*	*15-110 %*		"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*54.2*	*30-130 %*		"	"	"	"	"	
Surrogate: Phenol-d5	*66.7*	*15-110 %*		"	"	"	"	"	
Surrogate: Terphenyl-d14	*81.7*	*30-130 %*		"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol	*80.7*	*15-110 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-30 (3-5) SA07068-05	0013172	Soil	08-Jan-04 15:37	09-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Total Metals by EPA 6000/7000 Series Methods, Prepared by SW846 3050B									
Mercury	BRL	0.185 mg/kg dry	1	SW846 7471A	09-Jan-04	12-Jan-04	4010435	YP	
Total Metals by EPA 200 Series Methods									
Silver	BRL	2.09 mg/kg dry	1	EPA 200.7	"	12-Jan-04	4010433	KS	
Aluminum	10,100	3.14 mg/kg dry	1	"	"	"	"	"	
Arsenic	5.60	3.14 mg/kg dry	1	"	"	"	"	"	
Barium	94.7	1.05 mg/kg dry	1	"	"	"	"	"	
Beryllium	0.554	0.418 mg/kg dry	1	"	"	"	"	"	
Calcium	82,200	20.9 mg/kg dry	2	"	"	12-Jan-04	"	"	
Cadmium	BRL	0.523 mg/kg dry	1	"	"	12-Jan-04	"	"	
Cobalt	8.32	1.05 mg/kg dry	1	"	"	"	"	"	
Chromium	13.7	1.05 mg/kg dry	1	"	"	"	"	"	
Copper	20.7	1.05 mg/kg dry	1	"	"	"	"	"	
Iron	25,400	1.05 mg/kg dry	1	"	"	"	"	"	
Potassium	518	20.9 mg/kg dry	1	"	"	"	"	"	
Magnesium	16,800	5.23 mg/kg dry	1	"	"	"	"	"	
Manganese	608	0.209 mg/kg dry	1	"	"	"	"	"	
Sodium	BRL	837 mg/kg dry	2	"	"	12-Jan-04	"	"	
Nickel	23.4	1.05 mg/kg dry	1	"	"	12-Jan-04	"	"	
Lead	BRL	3.66 mg/kg dry	1	"	"	"	"	"	
Antimony	BRL	3.14 mg/kg dry	1	"	"	"	"	"	
Selenium	BRL	3.14 mg/kg dry	1	"	"	"	"	"	
Thallium	BRL	3.14 mg/kg dry	1	"	"	"	"	"	
Vanadium	15.2	1.05 mg/kg dry	1	"	"	"	"	"	
Zinc	40.9	1.05 mg/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-30 (3-5) SA07068-05	0013172	Soil	08-Jan-04 15:37	09-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
General Chemistry Parameters									
% Solids	88.5	%	1	SM2540 G Mod.	09-Jan-04	12-Jan-04	4010392	LN	
Hexavalent Chromium	BRL	11.5 mg/kg dry	1	SW846 3060A	09-Jan-04	10-Jan-04	4010446	AJ	
Cyanide (total)	BRL	1.12 mg/kg dry	1	10-204-00-1-A	09-Jan-04	09-Jan-04	4010439	AW	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-30 (3-5) SA07068-05RE1	0013172	Soil	08-Jan-04 15:37	09-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5035A							
Acetone	BRL	59.5 ug/kg dry	1	SW 846 8260B	12-Jan-04	13-Jan-04	4010560	CH	
Acrylonitrile	BRL	2.97 ug/kg dry	1	"	"	"	"	"	
Benzene	BRL	2.97 ug/kg dry	1	"	"	"	"	"	
Bromobenzene	BRL	2.97 ug/kg dry	1	"	"	"	"	"	
Bromochloromethane	BRL	2.97 ug/kg dry	1	"	"	"	"	"	
Bromodichloromethane	BRL	2.97 ug/kg dry	1	"	"	"	"	"	
Bromoform	BRL	2.97 ug/kg dry	1	"	"	"	"	"	
Bromomethane	BRL	5.95 ug/kg dry	1	"	"	"	"	"	
2-Butanone (MEK)	BRL	29.7 ug/kg dry	1	"	"	"	"	"	
n-Butylbenzene	BRL	2.97 ug/kg dry	1	"	"	"	"	"	
sec-Butylbenzene	BRL	2.97 ug/kg dry	1	"	"	"	"	"	
tert-Butylbenzene	BRL	2.97 ug/kg dry	1	"	"	"	"	"	
Carbon disulfide	BRL	14.9 ug/kg dry	1	"	"	"	"	"	
Carbon tetrachloride	BRL	2.97 ug/kg dry	1	"	"	"	"	"	
Chlorobenzene	BRL	2.97 ug/kg dry	1	"	"	"	"	"	
Chloroethane	BRL	5.95 ug/kg dry	1	"	"	"	"	"	
Chloroform	BRL	2.97 ug/kg dry	1	"	"	"	"	"	
Chloromethane	BRL	5.95 ug/kg dry	1	"	"	"	"	"	
2-Chlorotoluene	BRL	2.97 ug/kg dry	1	"	"	"	"	"	
4-Chlorotoluene	BRL	2.97 ug/kg dry	1	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	5.95 ug/kg dry	1	"	"	"	"	"	
Dibromochloromethane	BRL	2.97 ug/kg dry	1	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	2.97 ug/kg dry	1	"	"	"	"	"	
Dibromomethane	BRL	2.97 ug/kg dry	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	2.97 ug/kg dry	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	2.97 ug/kg dry	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	2.97 ug/kg dry	1	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	5.95 ug/kg dry	1	"	"	"	"	"	
1,1-Dichloroethane	BRL	2.97 ug/kg dry	1	"	"	"	"	"	
1,2-Dichloroethane	BRL	2.97 ug/kg dry	1	"	"	"	"	"	
1,1-Dichloroethene	BRL	2.97 ug/kg dry	1	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	2.97 ug/kg dry	1	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	2.97 ug/kg dry	1	"	"	"	"	"	
1,2-Dichloropropane	BRL	2.97 ug/kg dry	1	"	"	"	"	"	
1,3-Dichloropropane	BRL	2.97 ug/kg dry	1	"	"	"	"	"	
2,2-Dichloropropane	BRL	2.97 ug/kg dry	1	"	"	"	"	"	
1,1-Dichloropropene	BRL	2.97 ug/kg dry	1	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	2.97 ug/kg dry	1	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	2.97 ug/kg dry	1	"	"	"	"	"	
Ethylbenzene	BRL	2.97 ug/kg dry	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	2.97 ug/kg dry	1	"	"	"	"	"	
2-Hexanone (MBK)	BRL	29.7 ug/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-30 (3-5) SA07068-05RE1	0013172	Soil	08-Jan-04 15:37	09-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5035A							
Isopropylbenzene	BRL	2.97 ug/kg dry	1	"	"	"	"	"	
4-Isopropyltoluene	BRL	2.97 ug/kg dry	1	"	"	"	"	"	
Methyl tert-butyl ether	BRL	2.97 ug/kg dry	1	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	29.7 ug/kg dry	1	"	"	"	"	"	
Methylene chloride	BRL	29.7 ug/kg dry	1	"	"	"	"	"	
Naphthalene	BRL	2.97 ug/kg dry	1	"	"	"	"	"	
n-Propylbenzene	BRL	2.97 ug/kg dry	1	"	"	"	"	"	
Styrene	BRL	2.97 ug/kg dry	1	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	2.97 ug/kg dry	1	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	2.97 ug/kg dry	1	"	"	"	"	"	
Tetrachloroethene	BRL	2.97 ug/kg dry	1	"	"	"	"	"	
Toluene	BRL	2.97 ug/kg dry	1	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	2.97 ug/kg dry	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	2.97 ug/kg dry	1	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	2.97 ug/kg dry	1	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	2.97 ug/kg dry	1	"	"	"	"	"	
Trichloroethene	BRL	2.97 ug/kg dry	1	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	2.97 ug/kg dry	1	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	2.97 ug/kg dry	1	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	2.97 ug/kg dry	1	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	2.97 ug/kg dry	1	"	"	"	"	"	
Vinyl chloride	BRL	2.97 ug/kg dry	1	"	"	"	"	"	
m,p-Xylene	BRL	5.95 ug/kg dry	1	"	"	"	"	"	
o-Xylene	BRL	2.97 ug/kg dry	1	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*92.2*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*97.4*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*105*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*102*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-31 (1-3) SA07068-06	0013172	Soil	08-Jan-04 16:00	09-Jan-04

Analyte(s)	*Result*	*RDL/Units	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
VOC Extraction	Field Extracted	N/A	1	VOC	09-Jan-04	09-Jan-04	4010432	LN	
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							VOC10
Acetone	BRL	785 ug/kg dry	50	SW 846 8260B	09-Jan-04	09-Jan-04	4010397	trb	
Acrylonitrile	BRL	39.2 ug/kg dry	50	"	"	"	"	"	
Benzene	BRL	39.2 ug/kg dry	50	"	"	"	"	"	
Bromobenzene	BRL	39.2 ug/kg dry	50	"	"	"	"	"	
Bromochloromethane	BRL	39.2 ug/kg dry	50	"	"	"	"	"	
Bromodichloromethane	BRL	39.2 ug/kg dry	50	"	"	"	"	"	
Bromoform	BRL	39.2 ug/kg dry	50	"	"	"	"	"	
Bromomethane	BRL	78.5 ug/kg dry	50	"	"	"	"	"	
2-Butanone (MEK)	BRL	392 ug/kg dry	50	"	"	"	"	"	
n-Butylbenzene	BRL	39.2 ug/kg dry	50	"	"	"	"	"	
sec-Butylbenzene	BRL	39.2 ug/kg dry	50	"	"	"	"	"	
tert-Butylbenzene	BRL	39.2 ug/kg dry	50	"	"	"	"	"	
Carbon disulfide	BRL	196 ug/kg dry	50	"	"	"	"	"	
Carbon tetrachloride	BRL	39.2 ug/kg dry	50	"	"	"	"	"	
Chlorobenzene	BRL	39.2 ug/kg dry	50	"	"	"	"	"	
Chloroethane	BRL	78.5 ug/kg dry	50	"	"	"	"	"	
Chloroform	BRL	39.2 ug/kg dry	50	"	"	"	"	"	
Chloromethane	BRL	78.5 ug/kg dry	50	"	"	"	"	"	
2-Chlorotoluene	BRL	39.2 ug/kg dry	50	"	"	"	"	"	
4-Chlorotoluene	BRL	39.2 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	78.5 ug/kg dry	50	"	"	"	"	"	
Dibromochloromethane	BRL	39.2 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	39.2 ug/kg dry	50	"	"	"	"	"	
Dibromomethane	BRL	39.2 ug/kg dry	50	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	39.2 ug/kg dry	50	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	39.2 ug/kg dry	50	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	39.2 ug/kg dry	50	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	78.5 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethane	BRL	39.2 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloroethane	BRL	39.2 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethene	BRL	39.2 ug/kg dry	50	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	39.2 ug/kg dry	50	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	39.2 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloropropane	BRL	39.2 ug/kg dry	50	"	"	"	"	"	
1,3-Dichloropropane	BRL	39.2 ug/kg dry	50	"	"	"	"	"	
2,2-Dichloropropane	BRL	39.2 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloropropene	BRL	39.2 ug/kg dry	50	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	39.2 ug/kg dry	50	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	39.2 ug/kg dry	50	"	"	"	"	"	
Ethylbenzene	BRL	39.2 ug/kg dry	50	"	"	"	"	"	
Hexachlorobutadiene	BRL	39.2 ug/kg dry	50	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-31 (1-3) SA07068-06	0013172	Soil	08-Jan-04 16:00	09-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							VOC10
2-Hexanone (MBK)	BRL	392 ug/kg dry	50	"	"	"	"	"	
Isopropylbenzene	BRL	39.2 ug/kg dry	50	"	"	"	"	"	
4-Isopropyltoluene	BRL	39.2 ug/kg dry	50	"	"	"	"	"	
Methyl tert-butyl ether	BRL	39.2 ug/kg dry	50	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	392 ug/kg dry	50	"	"	"	"	"	
Methylene chloride	BRL	392 ug/kg dry	50	"	"	"	"	"	
Naphthalene	BRL	39.2 ug/kg dry	50	"	"	"	"	"	
n-Propylbenzene	BRL	39.2 ug/kg dry	50	"	"	"	"	"	
Styrene	BRL	39.2 ug/kg dry	50	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	39.2 ug/kg dry	50	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	39.2 ug/kg dry	50	"	"	"	"	"	
Tetrachloroethene	BRL	39.2 ug/kg dry	50	"	"	"	"	"	
Toluene	BRL	39.2 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	39.2 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	39.2 ug/kg dry	50	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	39.2 ug/kg dry	50	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	39.2 ug/kg dry	50	"	"	"	"	"	
Trichloroethene	BRL	39.2 ug/kg dry	50	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	39.2 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	39.2 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trimethylbenzene	326	39.2 ug/kg dry	50	"	"	"	"	"	
1,3,5-Trimethylbenzene	65.9	39.2 ug/kg dry	50	"	"	"	"	"	
Vinyl chloride	BRL	39.2 ug/kg dry	50	"	"	"	"	"	
m,p-Xylene	80.4	78.5 ug/kg dry	50	"	"	"	"	"	
o-Xylene	52.6	39.2 ug/kg dry	50	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*92.7*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*101*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*99.0*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*103*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-31 (1-3) SA07068-06	0013172	Soil	08-Jan-04 16:00	09-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3550B									
Acenaphthene	BRL	94.2 ug/kg dry	1	SW846 8270C	09-Jan-04	10-Jan-04	4010365	M.B	
Acenaphthylene	BRL	94.2 ug/kg dry	1	"	"	"	"	"	
Aniline	BRL	94.2 ug/kg dry	1	"	"	"	"	"	
Anthracene	BRL	94.2 ug/kg dry	1	"	"	"	"	"	
Azobenzene/Diphenyldiazine	BRL	94.2 ug/kg dry	1	"	"	"	"	"	
Benzidine	BRL	94.2 ug/kg dry	1	"	"	"	"	"	
Benzo (a) anthracene	BRL	94.2 ug/kg dry	1	"	"	"	"	"	
Benzo (a) pyrene	BRL	94.2 ug/kg dry	1	"	"	"	"	"	
Benzo (b) fluoranthene	BRL	94.2 ug/kg dry	1	"	"	"	"	"	
Benzo (g,h,i) perylene	BRL	94.2 ug/kg dry	1	"	"	"	"	"	
Benzo (k) fluoranthene	BRL	94.2 ug/kg dry	1	"	"	"	"	"	
Benzoic acid	BRL	94.2 ug/kg dry	1	"	"	"	"	"	
Benzyl alcohol	BRL	94.2 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroethoxy)methane	BRL	94.2 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroethyl)ether	BRL	94.2 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	BRL	94.2 ug/kg dry	1	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	BRL	94.2 ug/kg dry	1	"	"	"	"	"	
4-Bromophenyl phenyl ether	BRL	94.2 ug/kg dry	1	"	"	"	"	"	
Butyl benzyl phthalate	BRL	94.2 ug/kg dry	1	"	"	"	"	"	
Carbazole	BRL	94.2 ug/kg dry	1	"	"	"	"	"	
4-Chloro-3-methylphenol	BRL	94.2 ug/kg dry	1	"	"	"	"	"	
4-Chloroaniline	BRL	94.2 ug/kg dry	1	"	"	"	"	"	
2-Chloronaphthalene	BRL	94.2 ug/kg dry	1	"	"	"	"	"	
2-Chlorophenol	BRL	94.2 ug/kg dry	1	"	"	"	"	"	
4-Chlorophenyl phenyl ether	BRL	94.2 ug/kg dry	1	"	"	"	"	"	
Chrysene	BRL	94.2 ug/kg dry	1	"	"	"	"	"	
Dibenzo (a,h) anthracene	BRL	94.2 ug/kg dry	1	"	"	"	"	"	
Dibenzofuran	BRL	94.2 ug/kg dry	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	94.2 ug/kg dry	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	94.2 ug/kg dry	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	94.2 ug/kg dry	1	"	"	"	"	"	
3,3'-Dichlorobenzidine	BRL	94.2 ug/kg dry	1	"	"	"	"	"	
2,4-Dichlorophenol	BRL	94.2 ug/kg dry	1	"	"	"	"	"	
Diethyl phthalate	BRL	94.2 ug/kg dry	1	"	"	"	"	"	
Dimethyl phthalate	BRL	94.2 ug/kg dry	1	"	"	"	"	"	
2,4-Dimethylphenol	BRL	94.2 ug/kg dry	1	"	"	"	"	"	
Di-n-butyl phthalate	BRL	94.2 ug/kg dry	1	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	BRL	94.2 ug/kg dry	1	"	"	"	"	"	
2,4-Dinitrophenol	BRL	94.2 ug/kg dry	1	"	"	"	"	"	
2,4-Dinitrotoluene	BRL	94.2 ug/kg dry	1	"	"	"	"	"	
2,6-Dinitrotoluene	BRL	94.2 ug/kg dry	1	"	"	"	"	"	
Di-n-octyl phthalate	BRL	94.2 ug/kg dry	1	"	"	"	"	"	

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*Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-31 (1-3) SA07068-06	0013172	Soil	08-Jan-04 16:00	09-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3550B									
Fluoranthene	BRL	94.2 ug/kg dry	1						
Fluorene	BRL	94.2 ug/kg dry	1						
Hexachlorobenzene	BRL	94.2 ug/kg dry	1						
Hexachlorobutadiene	BRL	94.2 ug/kg dry	1						
Hexachlorocyclopentadiene	BRL	94.2 ug/kg dry	1						
Hexachloroethane	BRL	94.2 ug/kg dry	1						
Indeno (1,2,3-cd) pyrene	BRL	94.2 ug/kg dry	1						
1-Methylnaphthalene	BRL	94.0 ug/kg dry	1						
Isophorone	BRL	94.2 ug/kg dry	1						
2-Methylnaphthalene	BRL	94.2 ug/kg dry	1						
2-Methylphenol	BRL	94.2 ug/kg dry	1						
3-Methylphenol	BRL	94.2 ug/kg dry	1						
4-Methylphenol	BRL	94.2 ug/kg dry	1						
Naphthalene	BRL	94.2 ug/kg dry	1						
2-Nitroaniline	BRL	94.2 ug/kg dry	1						
3-Nitroaniline	BRL	94.2 ug/kg dry	1						
4-Nitroaniline	BRL	94.2 ug/kg dry	1						
Nitrobenzene	BRL	94.2 ug/kg dry	1						
2-Nitrophenol	BRL	94.2 ug/kg dry	1						
4-Nitrophenol	BRL	94.2 ug/kg dry	1						
N-Nitrosodimethylamine	BRL	94.2 ug/kg dry	1						
N-Nitrosodi-n-propylamine	BRL	94.2 ug/kg dry	1						
N-Nitrosodiphenylamine	BRL	94.2 ug/kg dry	1						
Pentachlorophenol	BRL	94.2 ug/kg dry	1						
Phenanthrene	BRL	94.2 ug/kg dry	1						
Phenol	BRL	94.2 ug/kg dry	1						
Pyrene	BRL	94.2 ug/kg dry	1						
Pyridine	BRL	94.2 ug/kg dry	1						
1,2,4-Trichlorobenzene	BRL	94.2 ug/kg dry	1						
2,4,5-Trichlorophenol	BRL	94.2 ug/kg dry	1						
2,4,6-Trichlorophenol	BRL	94.2 ug/kg dry	1						
Surrogate: 2-Fluorobiphenyl	*55.6*	*30-130 %*							
Surrogate: 2-Fluorophenol	*64.8*	*15-110 %*							
Surrogate: Nitrobenzene-d5	*47.8*	*30-130 %*							
Surrogate: Phenol-d5	*58.6*	*15-110 %*							
Surrogate: Terphenyl-d14	*75.2*	*30-130 %*							
Surrogate: 2,4,6-Tribromophenol	*76.4*	*15-110 %*							

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-31 (1-3) SA07068-06	0013172	Soil	08-Jan-04 16:00	09-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Total Metals by EPA 6000/7000 Series Methods, Prepared by SW846 3050B									
Mercury	BRL	0.187 mg/kg dry	1	SW846 7471A	09-Jan-04	12-Jan-04	4010435	YP	
Total Metals by EPA 200 Series Methods									
Silver	BRL	2.14 mg/kg dry	1	EPA 200.7	"	12-Jan-04	4010433	KS	
Aluminum	14,100	3.20 mg/kg dry	1	"	"	"	"	"	
Arsenic	5.93	3.20 mg/kg dry	1	"	"	"	"	"	
Barium	78.6	1.07 mg/kg dry	1	"	"	"	"	"	
Beryllium	0.694	0.427 mg/kg dry	1	"	"	"	"	"	
Calcium	3,740	10.7 mg/kg dry	1	"	"	"	"	"	
Cadmium	BRL	0.534 mg/kg dry	1	"	"	"	"	"	
Cobalt	13.9	1.07 mg/kg dry	1	"	"	"	"	"	
Chromium	18.5	1.07 mg/kg dry	1	"	"	"	"	"	
Copper	26.0	1.07 mg/kg dry	1	"	"	"	"	"	
Iron	30,600	1.07 mg/kg dry	1	"	"	"	"	"	
Potassium	472	21.4 mg/kg dry	1	"	"	"	"	"	
Magnesium	5,630	5.34 mg/kg dry	1	"	"	"	"	"	
Manganese	608	0.214 mg/kg dry	1	"	"	"	"	"	
Sodium	BRL	854 mg/kg dry	2	"	"	12-Jan-04	"	"	
Nickel	28.8	1.07 mg/kg dry	1	"	"	12-Jan-04	"	"	
Lead	8.85	1.60 mg/kg dry	1	"	"	"	"	"	
Antimony	BRL	3.20 mg/kg dry	1	"	"	"	"	"	
Selenium	BRL	3.20 mg/kg dry	1	"	"	"	"	"	
Thallium	BRL	3.20 mg/kg dry	1	"	"	"	"	"	
Vanadium	19.2	1.07 mg/kg dry	1	"	"	"	"	"	
Zinc	55.0	1.07 mg/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-31 (1-3) SA07068-06	0013172	Soil	08-Jan-04 16:00	09-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
General Chemistry Parameters									
% Solids	86.0	%	1	SM2540 G Mod.	09-Jan-04	12-Jan-04	4010392	LN	
Hexavalent Chromium	BRL	11.9 mg/kg dry	1	SW846 3060A	09-Jan-04	10-Jan-04	4010446	AJ	
Cyanide (total)	BRL	1.13 mg/kg dry	1	10-204-00-1-A	09-Jan-04	09-Jan-04	4010439	AW	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-32 (0-2) SA07068-07	0013172	Soil	08-Jan-04 16:15	09-Jan-04

Analyte(s)	*Result*	*RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
VOC Extraction	Field Extracted	N/A	1	VOC	09-Jan-04	09-Jan-04	4010432	LN	
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							VOC10
Acetone	BRL	632 ug/kg dry	50	SW 846 8260B	09-Jan-04	09-Jan-04	4010397	ttb	
Acrylonitrile	BRL	31.6 ug/kg dry	50	"	"	"	"	"	
Benzene	BRL	31.6 ug/kg dry	50	"	"	"	"	"	
Bromobenzene	BRL	31.6 ug/kg dry	50	"	"	"	"	"	
Bromochloromethane	BRL	31.6 ug/kg dry	50	"	"	"	"	"	
Bromodichloromethane	BRL	31.6 ug/kg dry	50	"	"	"	"	"	
Bromoform	BRL	31.6 ug/kg dry	50	"	"	"	"	"	
Bromomethane	BRL	63.2 ug/kg dry	50	"	"	"	"	"	
2-Butanone (MEK)	BRL	316 ug/kg dry	50	"	"	"	"	"	
n-Butylbenzene	BRL	31.6 ug/kg dry	50	"	"	"	"	"	
sec-Butylbenzene	BRL	31.6 ug/kg dry	50	"	"	"	"	"	
tert-Butylbenzene	BRL	31.6 ug/kg dry	50	"	"	"	"	"	
Carbon disulfide	BRL	158 ug/kg dry	50	"	"	"	"	"	
Carbon tetrachloride	BRL	31.6 ug/kg dry	50	"	"	"	"	"	
Chlorobenzene	BRL	31.6 ug/kg dry	50	"	"	"	"	"	
Chloroethane	BRL	63.2 ug/kg dry	50	"	"	"	"	"	
Chloroform	BRL	31.6 ug/kg dry	50	"	"	"	"	"	
Chloromethane	BRL	63.2 ug/kg dry	50	"	"	"	"	"	
2-Chlorotoluene	BRL	31.6 ug/kg dry	50	"	"	"	"	"	
4-Chlorotoluene	BRL	31.6 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	63.2 ug/kg dry	50	"	"	"	"	"	
Dibromochloromethane	BRL	31.6 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	31.6 ug/kg dry	50	"	"	"	"	"	
Dibromomethane	BRL	31.6 ug/kg dry	50	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	31.6 ug/kg dry	50	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	31.6 ug/kg dry	50	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	31.6 ug/kg dry	50	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	63.2 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethane	BRL	31.6 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloroethane	BRL	31.6 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethene	BRL	31.6 ug/kg dry	50	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	31.6 ug/kg dry	50	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	31.6 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloropropane	BRL	31.6 ug/kg dry	50	"	"	"	"	"	
1,3-Dichloropropane	BRL	31.6 ug/kg dry	50	"	"	"	"	"	
2,2-Dichloropropane	BRL	31.6 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloropropene	BRL	31.6 ug/kg dry	50	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	31.6 ug/kg dry	50	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	31.6 ug/kg dry	50	"	"	"	"	"	
Ethylbenzene	BRL	31.6 ug/kg dry	50	"	"	"	"	"	
Hexachlorobutadiene	BRL	31.6 ug/kg dry	50	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-32 (0-2) SA07068-07	0013172	Soil	08-Jan-04 16:15	09-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							VOC10
2-Hexanone (MBK)	BRL	316 ug/kg dry	50	"	"	"	"	"	
Isopropylbenzene	BRL	31.6 ug/kg dry	50	"	"	"	"	"	
4-Isopropyltoluene	BRL	31.6 ug/kg dry	50	"	"	"	"	"	
Methyl tert-butyl ether	BRL	31.6 ug/kg dry	50	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	316 ug/kg dry	50	"	"	"	"	"	
Methylene chloride	BRL	316 ug/kg dry	50	"	"	"	"	"	
Naphthalene	BRL	31.6 ug/kg dry	50	"	"	"	"	"	
n-Propylbenzene	BRL	31.6 ug/kg dry	50	"	"	"	"	"	
Styrene	BRL	31.6 ug/kg dry	50	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	31.6 ug/kg dry	50	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	31.6 ug/kg dry	50	"	"	"	"	"	
Tetrachloroethene	BRL	31.6 ug/kg dry	50	"	"	"	"	"	
Toluene	BRL	31.6 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	31.6 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	31.6 ug/kg dry	50	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	31.6 ug/kg dry	50	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	31.6 ug/kg dry	50	"	"	"	"	"	
Trichloroethene	BRL	31.6 ug/kg dry	50	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	31.6 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	31.6 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	31.6 ug/kg dry	50	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	31.6 ug/kg dry	50	"	"	"	"	"	
Vinyl chloride	BRL	31.6 ug/kg dry	50	"	"	"	"	"	
m,p-Xylene	BRL	63.2 ug/kg dry	50	"	"	"	"	"	
o-Xylene	BRL	31.6 ug/kg dry	50	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*92.7*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*100*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*101*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*103*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-32 (0-2) 3A07068-07	0013172	Soil	08-Jan-04 16:15	09-Jan-04

Analyte(s)	*Result*	*RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3550B									
Acenaphthene	BRL	112 ug/kg dry	1	SW846 8270C	09-Jan-04	10-Jan-04	4010365	M.B	
Acenaphthylene	BRL	112 ug/kg dry	1	"	"	"	"	"	
Aniline	BRL	112 ug/kg dry	1	"	"	"	"	"	
Anthracene	BRL	112 ug/kg dry	1	"	"	"	"	"	
Azobenzene/Diphenyldiazine	BRL	112 ug/kg dry	1	"	"	"	"	"	
Benzidine	BRL	112 ug/kg dry	1	"	"	"	"	"	
Benzo (a) anthracene	BRL	112 ug/kg dry	1	"	"	"	"	"	
Benzo (a) pyrene	BRL	112 ug/kg dry	1	"	"	"	"	"	
Benzo (b) fluoranthene	BRL	112 ug/kg dry	1	"	"	"	"	"	
Benzo (g,h,i) perylene	BRL	112 ug/kg dry	1	"	"	"	"	"	
Benzo (k) fluoranthene	BRL	112 ug/kg dry	1	"	"	"	"	"	
Benzoic acid	BRL	112 ug/kg dry	1	"	"	"	"	"	
Benzyl alcohol	BRL	112 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroethoxy)methane	BRL	112 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroethyl)ether	BRL	112 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	BRL	112 ug/kg dry	1	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	BRL	112 ug/kg dry	1	"	"	"	"	"	
4-Bromophenyl phenyl ether	BRL	112 ug/kg dry	1	"	"	"	"	"	
Butyl benzyl phthalate	BRL	112 ug/kg dry	1	"	"	"	"	"	
Carbazole	BRL	112 ug/kg dry	1	"	"	"	"	"	
4-Chloro-3-methylphenol	BRL	112 ug/kg dry	1	"	"	"	"	"	
4-Chloroaniline	BRL	112 ug/kg dry	1	"	"	"	"	"	
2-Chloronaphthalene	BRL	112 ug/kg dry	1	"	"	"	"	"	
2-Chlorophenol	BRL	112 ug/kg dry	1	"	"	"	"	"	
4-Chlorophenyl phenyl ether	BRL	112 ug/kg dry	1	"	"	"	"	"	
Chrysene	BRL	112 ug/kg dry	1	"	"	"	"	"	
Dibenzo (a,h) anthracene	BRL	112 ug/kg dry	1	"	"	"	"	"	
Dibenzofuran	BRL	112 ug/kg dry	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	112 ug/kg dry	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	112 ug/kg dry	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	112 ug/kg dry	1	"	"	"	"	"	
3,3'-Dichlorobenzidine	BRL	112 ug/kg dry	1	"	"	"	"	"	
2,4-Dichlorophenol	BRL	112 ug/kg dry	1	"	"	"	"	"	
Diethyl phthalate	BRL	112 ug/kg dry	1	"	"	"	"	"	
Dimethyl phthalate	BRL	112 ug/kg dry	1	"	"	"	"	"	
2,4-Dimethylphenol	BRL	112 ug/kg dry	1	"	"	"	"	"	
Di-n-butyl phthalate	BRL	112 ug/kg dry	1	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	BRL	112 ug/kg dry	1	"	"	"	"	"	
2,4-Dinitrophenol	BRL	112 ug/kg dry	1	"	"	"	"	"	
2,4-Dinitrotoluene	BRL	112 ug/kg dry	1	"	"	"	"	"	
2,6-Dinitrotoluene	BRL	112 ug/kg dry	1	"	"	"	"	"	
Di-n-octyl phthalate	BRL	112 ug/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-32 (0-2) ?A07068-07	0013172	Soil	08-Jan-04 16:15	09-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3550B									
Fluoranthene	BRL	112 ug/kg dry	1	"	"	"	"	"	
Fluorene	BRL	112 ug/kg dry	1	"	"	"	"	"	
Hexachlorobenzene	BRL	112 ug/kg dry	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	112 ug/kg dry	1	"	"	"	"	"	
Hexachlorocyclopentadiene	BRL	112 ug/kg dry	1	"	"	"	"	"	
Hexachloroethane	BRL	112 ug/kg dry	1	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	BRL	112 ug/kg dry	1	"	"	"	"	"	
1-Methylnaphthalene	BRL	112 ug/kg dry	1	"	"	"	"	"	
Isophorone	BRL	112 ug/kg dry	1	"	"	"	"	"	
2-Methylnaphthalene	BRL	112 ug/kg dry	1	"	"	"	"	"	
2-Methylphenol	BRL	112 ug/kg dry	1	"	"	"	"	"	
3-Methylphenol	BRL	112 ug/kg dry	1	"	"	"	"	"	
4-Methylphenol	BRL	112 ug/kg dry	1	"	"	"	"	"	
Naphthalene	BRL	112 ug/kg dry	1	"	"	"	"	"	
2-Nitroaniline	BRL	112 ug/kg dry	1	"	"	"	"	"	
3-Nitroaniline	BRL	112 ug/kg dry	1	"	"	"	"	"	
4-Nitroaniline	BRL	112 ug/kg dry	1	"	"	"	"	"	
Nitrobenzene	BRL	112 ug/kg dry	1	"	"	"	"	"	
2-Nitrophenol	BRL	112 ug/kg dry	1	"	"	"	"	"	
4-Nitrophenol	BRL	112 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodimethylamine	BRL	112 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodi-n-propylamine	BRL	112 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodiphenylamine	BRL	112 ug/kg dry	1	"	"	"	"	"	
Pentachlorophenol	BRL	112 ug/kg dry	1	"	"	"	"	"	
Phenanthrene	BRL	112 ug/kg dry	1	"	"	"	"	"	
Phenol	BRL	112 ug/kg dry	1	"	"	"	"	"	
Pyrene	BRL	112 ug/kg dry	1	"	"	"	"	"	
Pyridine	BRL	112 ug/kg dry	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	112 ug/kg dry	1	"	"	"	"	"	
2,4,5-Trichlorophenol	BRL	112 ug/kg dry	1	"	"	"	"	"	
2,4,6-Trichlorophenol	BRL	112 ug/kg dry	1	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl	*59.8*	*30-130 %*		"	"	"	"	"	
Surrogate: 2-Fluorophenol	*66.2*	*15-110 %*		"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*49.5*	*30-130 %*		"	"	"	"	"	
Surrogate: Phenol-d5	*60.4*	*15-110 %*		"	"	"	"	"	
Surrogate: Terphenyl-dl4	*73.8*	*30-130 %*		"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol	*77.9*	*15-110 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-32 (0-2) SA07068-07	0013172	Soil	08-Jan-04 16:15	09-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Total Metals by EPA 6000/7000 Series Methods, Prepared by SW846 3050B									
Mercury	BRL	0.192 mg/kg dry	1	SW846 7471A	09-Jan-04	12-Jan-04	4010435	YP	
Total Metals by EPA 200 Series Methods									
Silver	BRL	2.19 mg/kg dry	1	EPA 200.7	"	12-Jan-04	4010433	KS	
Aluminum	11,700	3.29 mg/kg dry	1	"	"	"	"	"	
Arsenic	10.7	3.29 mg/kg dry	1	"	"	"	"	"	
Barium	73.4	1.10 mg/kg dry	1	"	"	"	"	"	
Beryllium	0.636	0.439 mg/kg dry	1	"	"	"	"	"	
Calcium	8,490	11.0 mg/kg dry	1	"	"	"	"	"	
Cadmium	BRL	0.548 mg/kg dry	1	"	"	"	"	"	
Cobalt	13.5	1.10 mg/kg dry	1	"	"	"	"	"	
Chromium	16.1	1.10 mg/kg dry	1	"	"	"	"	"	
Copper	22.2	1.10 mg/kg dry	1	"	"	"	"	"	
Iron	31,400	1.10 mg/kg dry	1	"	"	"	"	"	
Potassium	323	21.9 mg/kg dry	1	"	"	"	"	"	
Magnesium	5,350	5.48 mg/kg dry	1	"	"	"	"	"	
Manganese	664	0.219 mg/kg dry	1	"	"	"	"	"	
Sodium	BRL	878 mg/kg dry	2	"	"	12-Jan-04	"	"	
Nickel	26.7	1.10 mg/kg dry	1	"	"	12-Jan-04	"	"	
Lead	10.5	1.65 mg/kg dry	1	"	"	"	"	"	
Antimony	BRL	3.29 mg/kg dry	1	"	"	"	"	"	
Selenium	BRL	3.29 mg/kg dry	1	"	"	"	"	"	
Thallium	BRL	3.29 mg/kg dry	1	"	"	"	"	"	
Vanadium	15.1	1.10 mg/kg dry	1	"	"	"	"	"	
Zinc	57.6	1.10 mg/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-32 (0-2)	0013172	Soil	08-Jan-04 16:15	09-Jan-04
TA07068-07				

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
General Chemistry Parameters									
% Solids	87.8	%	1	SM2540 G Mod.	09-Jan-04	12-Jan-04	4010392	LN	
Hexavalent Chromium	BRL	11.6 mg/kg dry	1	SW846 3060A	09-Jan-04	10-Jan-04	4010446	AJ	
Cyanide (total)	BRL	1.13 mg/kg dry	1	10-204-00-1-A	09-Jan-04	09-Jan-04	4010439	AW	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-32 (0-2) 3A07068-07RE1	0013172	Soil	08-Jan-04 16:15	09-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5035A							
Acetone	168	73.0 ug/kg dry	1	SW 846 8260B	12-Jan-04	13-Jan-04	4010560	CH	VOC6
Acrylonitrile	BRL	3.65 ug/kg dry	1	"	"	"	"	"	
Benzene	BRL	3.65 ug/kg dry	1	"	"	"	"	"	
Bromobenzene	BRL	3.65 ug/kg dry	1	"	"	"	"	"	
Bromochloromethane	BRL	3.65 ug/kg dry	1	"	"	"	"	"	
Bromodichloromethane	BRL	3.65 ug/kg dry	1	"	"	"	"	"	
Bromoform	BRL	3.65 ug/kg dry	1	"	"	"	"	"	
Bromomethane	BRL	7.30 ug/kg dry	1	"	"	"	"	"	
2-Butanone (MEK)	BRL	36.5 ug/kg dry	1	"	"	"	"	"	
n-Butylbenzene	BRL	3.65 ug/kg dry	1	"	"	"	"	"	
sec-Butylbenzene	BRL	3.65 ug/kg dry	1	"	"	"	"	"	
tert-Butylbenzene	BRL	3.65 ug/kg dry	1	"	"	"	"	"	
Carbon disulfide	BRL	18.3 ug/kg dry	1	"	"	"	"	"	
Carbon tetrachloride	BRL	3.65 ug/kg dry	1	"	"	"	"	"	
Chlorobenzene	BRL	3.65 ug/kg dry	1	"	"	"	"	"	
Chloroethane	BRL	7.30 ug/kg dry	1	"	"	"	"	"	
Chloroform	BRL	3.65 ug/kg dry	1	"	"	"	"	"	
Chloromethane	BRL	7.30 ug/kg dry	1	"	"	"	"	"	
2-Chlorotoluene	BRL	3.65 ug/kg dry	1	"	"	"	"	"	
4-Chlorotoluene	BRL	3.65 ug/kg dry	1	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	7.30 ug/kg dry	1	"	"	"	"	"	
Dibromochloromethane	BRL	3.65 ug/kg dry	1	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	3.65 ug/kg dry	1	"	"	"	"	"	
Dibromomethane	BRL	3.65 ug/kg dry	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	3.65 ug/kg dry	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	3.65 ug/kg dry	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	3.65 ug/kg dry	1	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	7.30 ug/kg dry	1	"	"	"	"	"	
1,1-Dichloroethane	BRL	3.65 ug/kg dry	1	"	"	"	"	"	
1,2-Dichloroethane	BRL	3.65 ug/kg dry	1	"	"	"	"	"	
1,1-Dichloroethene	BRL	3.65 ug/kg dry	1	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	3.65 ug/kg dry	1	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	3.65 ug/kg dry	1	"	"	"	"	"	
1,2-Dichloropropane	BRL	3.65 ug/kg dry	1	"	"	"	"	"	
1,3-Dichloropropane	BRL	3.65 ug/kg dry	1	"	"	"	"	"	
2,2-Dichloropropane	BRL	3.65 ug/kg dry	1	"	"	"	"	"	
1,1-Dichloropropene	BRL	3.65 ug/kg dry	1	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	3.65 ug/kg dry	1	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	3.65 ug/kg dry	1	"	"	"	"	"	
Ethylbenzene	BRL	3.65 ug/kg dry	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	3.65 ug/kg dry	1	"	"	"	"	"	
2-Hexanone (MBK)	BRL	36.5 ug/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-32 (0-2) SA07068-07RE1	0013172	Soil	08-Jan-04 16:15	09-Jan-04

Analyte(s)	*Result*	*RDL/Units	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5035A							
Isopropylbenzene	BRL	3.65 ug/kg dry	1	"	"	"	"	"	
4-Isopropyltoluene	BRL	3.65 ug/kg dry	1	"	"	"	"	"	
Methyl tert-butyl ether	BRL	3.65 ug/kg dry	1	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	36.5 ug/kg dry	1	"	"	"	"	"	
Methylene chloride	BRL	36.5 ug/kg dry	1	"	"	"	"	"	
Naphthalene	BRL	3.65 ug/kg dry	1	"	"	"	"	"	
n-Propylbenzene	BRL	3.65 ug/kg dry	1	"	"	"	"	"	
Styrene	BRL	3.65 ug/kg dry	1	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	3.65 ug/kg dry	1	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	3.65 ug/kg dry	1	"	"	"	"	"	
Tetrachloroethene	BRL	3.65 ug/kg dry	1	"	"	"	"	"	
Toluene	BRL	3.65 ug/kg dry	1	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	3.65 ug/kg dry	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	3.65 ug/kg dry	1	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	3.65 ug/kg dry	1	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	3.65 ug/kg dry	1	"	"	"	"	"	
Trichloroethene	BRL	3.65 ug/kg dry	1	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	3.65 ug/kg dry	1	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	3.65 ug/kg dry	1	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	3.65 ug/kg dry	1	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	3.65 ug/kg dry	1	"	"	"	"	"	
Vinyl chloride	BRL	3.65 ug/kg dry	1	"	"	"	"	"	
m,p-Xylene	BRL	7.30 ug/kg dry	1	"	"	"	"	"	
o-Xylene	BRL	3.65 ug/kg dry	1	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*85.4*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*96.6*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*103*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*99.6*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi TP11 (2) 3A07068-08	0013172	Soil	08-Jan-04 15:43	09-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
VOC Extraction	Field Extracted	N/A	1	VOC	09-Jan-04	09-Jan-04	4010432	LN	
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							VOC10
Acetone	BRL	1250 ug/kg dry	100	SW 846 8260B	09-Jan-04	09-Jan-04	4010397	trb	
Acrylonitrile	BRL	62.7 ug/kg dry	100	"	"	"	"	"	
Benzene	BRL	62.7 ug/kg dry	100	"	"	"	"	"	
Bromobenzene	BRL	62.7 ug/kg dry	100	"	"	"	"	"	
Bromochloromethane	BRL	62.7 ug/kg dry	100	"	"	"	"	"	
Bromodichloromethane	BRL	62.7 ug/kg dry	100	"	"	"	"	"	
Bromoform	BRL	62.7 ug/kg dry	100	"	"	"	"	"	
Bromomethane	BRL	125 ug/kg dry	100	"	"	"	"	"	
2-Butanone (MEK)	BRL	627 ug/kg dry	100	"	"	"	"	"	
n-Butylbenzene	7,630	62.7 ug/kg dry	100	"	"	"	"	"	
sec-Butylbenzene	3,290	62.7 ug/kg dry	100	"	"	"	"	"	
tert-Butylbenzene	BRL	62.7 ug/kg dry	100	"	"	"	"	"	
Carbon disulfide	BRL	313 ug/kg dry	100	"	"	"	"	"	
Carbon tetrachloride	BRL	62.7 ug/kg dry	100	"	"	"	"	"	
Chlorobenzene	BRL	62.7 ug/kg dry	100	"	"	"	"	"	
Chloroethane	BRL	125 ug/kg dry	100	"	"	"	"	"	
Chloroform	BRL	62.7 ug/kg dry	100	"	"	"	"	"	
Chloromethane	BRL	125 ug/kg dry	100	"	"	"	"	"	
2-Chlorotoluene	BRL	62.7 ug/kg dry	100	"	"	"	"	"	
4-Chlorotoluene	BRL	62.7 ug/kg dry	100	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	125 ug/kg dry	100	"	"	"	"	"	
Dibromochloromethane	BRL	62.7 ug/kg dry	100	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	62.7 ug/kg dry	100	"	"	"	"	"	
Dibromomethane	BRL	62.7 ug/kg dry	100	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	62.7 ug/kg dry	100	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	62.7 ug/kg dry	100	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	62.7 ug/kg dry	100	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	125 ug/kg dry	100	"	"	"	"	"	
1,1-Dichloroethane	BRL	62.7 ug/kg dry	100	"	"	"	"	"	
1,2-Dichloroethane	BRL	62.7 ug/kg dry	100	"	"	"	"	"	
1,1-Dichloroethene	BRL	62.7 ug/kg dry	100	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	62.7 ug/kg dry	100	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	62.7 ug/kg dry	100	"	"	"	"	"	
1,2-Dichloropropane	BRL	62.7 ug/kg dry	100	"	"	"	"	"	
1,3-Dichloropropane	BRL	62.7 ug/kg dry	100	"	"	"	"	"	
2,2-Dichloropropane	BRL	62.7 ug/kg dry	100	"	"	"	"	"	
1,1-Dichloropropene	BRL	62.7 ug/kg dry	100	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	62.7 ug/kg dry	100	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	62.7 ug/kg dry	100	"	"	"	"	"	
Ethylbenzene	5,270	62.7 ug/kg dry	100	"	"	"	"	"	
Hexachlorobutadiene	BRL	62.7 ug/kg dry	100	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi TP11 (2) SA07068-08	0013172	Soil	08-Jan-04 15:43	09-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							VOC10
2-Hexanone (MBK)	BRL	627 ug/kg dry	100	"	"	"	"	"	
Isopropylbenzene	2,130	62.7 ug/kg dry	100	"	"	"	"	"	
4-Isopropyltoluene	4,120	62.7 ug/kg dry	100	"	"	"	"	"	
Methyl tert-butyl ether	BRL	62.7 ug/kg dry	100	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	627 ug/kg dry	100	"	"	"	"	"	
Methylene chloride	BRL	627 ug/kg dry	100	"	"	"	"	"	
Naphthalene	7,300	62.7 ug/kg dry	100	"	"	"	"	"	
n-Propylbenzene	5,740	62.7 ug/kg dry	100	"	"	"	"	"	
Styrene	BRL	62.7 ug/kg dry	100	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	62.7 ug/kg dry	100	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	62.7 ug/kg dry	100	"	"	"	"	"	
Tetrachloroethene	BRL	62.7 ug/kg dry	100	"	"	"	"	"	
Toluene	84,000	1250 ug/kg dry	2000	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	62.7 ug/kg dry	100	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	62.7 ug/kg dry	100	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	62.7 ug/kg dry	100	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	62.7 ug/kg dry	100	"	"	"	"	"	
Trichloroethene	BRL	62.7 ug/kg dry	100	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	62.7 ug/kg dry	100	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	62.7 ug/kg dry	100	"	"	"	"	"	
1,2,4-Trimethylbenzene	52,100	1250 ug/kg dry	2000	"	"	"	"	"	
1,3,5-Trimethylbenzene	23,300	62.7 ug/kg dry	100	"	"	"	"	"	
Vinyl chloride	BRL	62.7 ug/kg dry	100	"	"	"	"	"	
m,p-Xylene	33,400	2510 ug/kg dry	2000	"	"	"	"	"	
o-Xylene	14,400	62.7 ug/kg dry	100	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*108*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*105*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*105*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*106*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi TP11 (2)	0013172	Soil	08-Jan-04 15:43	09-Jan-04
SA07068-08				

Analyte(s)	*Result*	*RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3550B									
Acenaphthene	BRL	203 ug/kg dry	1	SW846 8270C	09-Jan-04	10-Jan-04	4010365	M.B	
Acenaphthylene	BRL	203 ug/kg dry	1	"	"	"	"	"	
Aniline	BRL	203 ug/kg dry	1	"	"	"	"	"	
Anthracene	BRL	203 ug/kg dry	1	"	"	"	"	"	
Azobenzene/Diphenyldiazine	BRL	203 ug/kg dry	1	"	"	"	"	"	
Benzidine	BRL	203 ug/kg dry	1	"	"	"	"	"	
Benzo (a) anthracene	BRL	203 ug/kg dry	1	"	"	"	"	"	
Benzo (a) pyrene	BRL	203 ug/kg dry	1	"	"	"	"	"	
Benzo (b) fluoranthene	BRL	203 ug/kg dry	1	"	"	"	"	"	
Benzo (g,h,i) perylene	BRL	203 ug/kg dry	1	"	"	"	"	"	
Benzo (k) fluoranthene	BRL	203 ug/kg dry	1	"	"	"	"	"	
Benzoic acid	BRL	203 ug/kg dry	1	"	"	"	"	"	
Benzyl alcohol	BRL	203 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroethoxy)methane	BRL	203 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroethyl)ether	BRL	203 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	BRL	203 ug/kg dry	1	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	BRL	203 ug/kg dry	1	"	"	"	"	"	
-Bromophenyl phenyl ether	BRL	203 ug/kg dry	1	"	"	"	"	"	
Butyl benzyl phthalate	BRL	203 ug/kg dry	1	"	"	"	"	"	
Carbazole	BRL	203 ug/kg dry	1	"	"	"	"	"	
4-Chloro-3-methylphenol	BRL	203 ug/kg dry	1	"	"	"	"	"	
4-Chloroaniline	BRL	203 ug/kg dry	1	"	"	"	"	"	
2-Chloronaphthalene	BRL	203 ug/kg dry	1	"	"	"	"	"	
2-Chlorophenol	BRL	203 ug/kg dry	1	"	"	"	"	"	
4-Chlorophenyl phenyl ether	BRL	203 ug/kg dry	1	"	"	"	"	"	
Chrysene	BRL	203 ug/kg dry	1	"	"	"	"	"	
Dibenzo (a,h) anthracene	BRL	203 ug/kg dry	1	"	"	"	"	"	
Dibenzofuran	BRL	203 ug/kg dry	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	203 ug/kg dry	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	203 ug/kg dry	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	203 ug/kg dry	1	"	"	"	"	"	
3,3'-Dichlorobenzidine	BRL	203 ug/kg dry	1	"	"	"	"	"	
2,4-Dichlorophenol	BRL	203 ug/kg dry	1	"	"	"	"	"	
Diethyl phthalate	BRL	203 ug/kg dry	1	"	"	"	"	"	
Dimethyl phthalate	BRL	203 ug/kg dry	1	"	"	"	"	"	
2,4-Dimethylphenol	BRL	203 ug/kg dry	1	"	"	"	"	"	
Di-n-butyl phthalate	BRL	203 ug/kg dry	1	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	BRL	203 ug/kg dry	1	"	"	"	"	"	
2,4-Dinitrophenol	BRL	203 ug/kg dry	1	"	"	"	"	"	
2,4-Dinitrotoluene	BRL	203 ug/kg dry	1	"	"	"	"	"	
,6-Dinitrotoluene	BRL	203 ug/kg dry	1	"	"	"	"	"	
Di-n-octyl phthalate	BRL	203 ug/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi TP11 (2) SA07068-08	0013172	Soil	08-Jan-04 15:43	09-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3550B									
Fluoranthene	BRL	203 ug/kg dry	1	"	"	"	"	"	
Fluorene	BRL	203 ug/kg dry	1	"	"	"	"	"	
Hexachlorobenzene	BRL	203 ug/kg dry	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	203 ug/kg dry	1	"	"	"	"	"	
Hexachlorocyclopentadiene	BRL	203 ug/kg dry	1	"	"	"	"	"	
Hexachloroethane	BRL	203 ug/kg dry	1	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	BRL	203 ug/kg dry	1	"	"	"	"	"	
1-Methylnaphthalene	BRL	202 ug/kg dry	1	"	"	"	"	"	
Isophorone	BRL	203 ug/kg dry	1	"	"	"	"	"	
2-Methylnaphthalene	300	203 ug/kg dry	1	"	"	"	"	"	
2-Methylphenol	BRL	203 ug/kg dry	1	"	"	"	"	"	
3-Methylphenol	BRL	203 ug/kg dry	1	"	"	"	"	"	
4-Methylphenol	BRL	203 ug/kg dry	1	"	"	"	"	"	
Naphthalene	2,240	203 ug/kg dry	1	"	"	"	"	"	
2-Nitroaniline	BRL	203 ug/kg dry	1	"	"	"	"	"	
3-Nitroaniline	BRL	203 ug/kg dry	1	"	"	"	"	"	
4-Nitroaniline	BRL	203 ug/kg dry	1	"	"	"	"	"	
Nitrobenzene	BRL	203 ug/kg dry	1	"	"	"	"	"	
2-Nitrophenol	BRL	203 ug/kg dry	1	"	"	"	"	"	
4-Nitrophenol	BRL	203 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodimethylamine	BRL	203 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodi-n-propylamine	BRL	203 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodiphenylamine	BRL	203 ug/kg dry	1	"	"	"	"	"	
Pentachlorophenol	BRL	203 ug/kg dry	1	"	"	"	"	"	
Phenanthrene	506	203 ug/kg dry	1	"	"	"	"	"	
Phenol	BRL	203 ug/kg dry	1	"	"	"	"	"	
Pyrene	BRL	203 ug/kg dry	1	"	"	"	"	"	
Pyridine	BRL	203 ug/kg dry	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	203 ug/kg dry	1	"	"	"	"	"	
2,4,5-Trichlorophenol	BRL	203 ug/kg dry	1	"	"	"	"	"	
2,4,6-Trichlorophenol	BRL	203 ug/kg dry	1	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl	*56.0*	*30-130 %*		"	"	"	"	"	
Surrogate: 2-Fluorophenol	*63.3*	*15-110 %*		"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*60.4*	*30-130 %*		"	"	"	"	"	
Surrogate: Phenol-d5	*33.3*	*15-110 %*		"	"	"	"	"	
Surrogate: Terphenyl-d14	*66.6*	*30-130 %*		"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol	*77.4*	*15-110 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi TP11 (2) SA07068-08	0013172	Soil	08-Jan-04 15:43	09-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Total Metals by EPA 6000/7000 Series Methods, Prepared by SW846 3050B									
Mercury	BRL	0.198 mg/kg dry	1	SW846 7471A	09-Jan-04	12-Jan-04	4010435	YP	
Total Metals by EPA 200 Series Methods									
Silver	BRL	2.31 mg/kg dry	1	EPA 200.7	"	12-Jan-04	4010433	KS	
Aluminum	12,300	3.46 mg/kg dry	1	"	"	"	"	"	
Arsenic	9.52	3.46 mg/kg dry	1	"	"	"	"	"	
Barium	105	1.15 mg/kg dry	1	"	"	"	"	"	
Beryllium	0.623	0.461 mg/kg dry	1	"	"	"	"	"	
Calcium	13,800	11.5 mg/kg dry	1	"	"	"	"	"	
Cadmium	BRL	0.577 mg/kg dry	1	"	"	"	"	"	
Cobalt	11.7	1.15 mg/kg dry	1	"	"	"	"	"	
Chromium	27.9	1.15 mg/kg dry	1	"	"	"	"	"	
Copper	36.8	1.15 mg/kg dry	1	"	"	"	"	"	
Iron	30,400	1.15 mg/kg dry	1	"	"	"	"	"	
Potassium	542	23.1 mg/kg dry	1	"	"	"	"	"	
Magnesium	4,760	5.77 mg/kg dry	1	"	"	"	"	"	
Manganese	859	0.231 mg/kg dry	1	"	"	"	"	"	
Sodium	BRL	923 mg/kg dry	2	"	"	12-Jan-04	"	"	
Nickel	19.5	1.15 mg/kg dry	1	"	"	12-Jan-04	"	"	
Lead	78.4	1.73 mg/kg dry	1	"	"	"	"	"	
Antimony	BRL	3.46 mg/kg dry	1	"	"	"	"	"	
Selenium	BRL	3.46 mg/kg dry	1	"	"	"	"	"	
Thallium	BRL	4.04 mg/kg dry	1	"	"	"	"	"	
Vanadium	17.8	1.15 mg/kg dry	1	"	"	"	"	"	
Zinc	71.3	1.15 mg/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi TP11 (2) SA07068-08	0013172	Soil	08-Jan-04 15:43	09-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
General Chemistry Parameters									
% Solids	86.3	%	1	SM2540 G Mod.	09-Jan-04	12-Jan-04	4010392	LN	
Hexavalent Chromium	BRL	11.5 mg/kg dry	1	SW846 3060A	09-Jan-04	10-Jan-04	4010446	AJ	
Cyanide (total)	BRL	1.14 mg/kg dry	1	10-204-00-1-A	12-Jan-04	12-Jan-04	4010520	AW	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi TB (8Jan04	0013172	Aqueous	08-Jan-04 00:00	09-Jan-04
A07068-09				

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Acetone	BRL	20.0 ug/l	1	SW 846 8260B	12-Jan-04	12-Jan-04	4010495	tim	
Acrylonitrile	BRL	1.00 ug/l	1	"	"	"	"	"	
Benzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromodichloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromoform	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromomethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Butanone (MEK)	BRL	10.0 ug/l	1	"	"	"	"	"	
n-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
sec-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
tert-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Carbon disulfide	BRL	5.00 ug/l	1	"	"	"	"	"	
Carbon tetrachloride	BRL	1.00 ug/l	1	"	"	"	"	"	
Chlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Chloroethane	BRL	2.00 ug/l	1	"	"	"	"	"	
Chloroform	BRL	1.00 ug/l	1	"	"	"	"	"	
Chloromethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	2.00 ug/l	1	"	"	"	"	"	
Dibromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	1.00 ug/l	1	"	"	"	"	"	
Dibromomethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	2.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
2,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
Ethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	1.00 ug/l	1	"	"	"	"	"	
2-Hexanone (MBK)	BRL	10.0 ug/l	1	"	"	"	"	"	

This laboratory report is not valid without an authorized signature on the cover page.

*Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi TB (8Jan04 SA07068-09	0013172	Aqueous	08-Jan-04 00:00	09-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Isopropylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Isopropyltoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
Methyl tert-butyl ether	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	10.0 ug/l	1	"	"	"	"	"	
Methylene chloride	BRL	10.0 ug/l	1	"	"	"	"	"	
Naphthalene	BRL	1.00 ug/l	1	"	"	"	"	"	
n-Propylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Styrene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Tetrachloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
Toluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Trichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Vinyl chloride	BRL	1.00 ug/l	1	"	"	"	"	"	
m,p-Xylene	BRL	2.00 ug/l	1	"	"	"	"	"	
o-Xylene	BRL	1.00 ug/l	1	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*101*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*100*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*101*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*102*	*70-130 %*		"	"	"	"	"	

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010397 - SW846 5030 Soil MS										
Blank (4010397-BLK1)				Prepared & Analyzed: 09-Jan-04						
Acetone	BRL	20.0	ug/kg wet							
Acrylonitrile	BRL	1.00	ug/kg wet							
Benzene	BRL	1.00	ug/kg wet							
Bromobenzene	BRL	1.00	ug/kg wet							
Bromochloromethane	BRL	1.00	ug/kg wet							
Bromodichloromethane	BRL	1.00	ug/kg wet							
Bromoform	BRL	1.00	ug/kg wet							
Bromomethane	BRL	2.00	ug/kg wet							
2-Butanone (MEK)	BRL	10.0	ug/kg wet							
n-Butylbenzene	BRL	1.00	ug/kg wet							
sec-Butylbenzene	BRL	1.00	ug/kg wet							
tert-Butylbenzene	BRL	1.00	ug/kg wet							
Carbon disulfide	BRL	5.00	ug/kg wet							
Carbon tetrachloride	BRL	1.00	ug/kg wet							
Chlorobenzene	BRL	1.00	ug/kg wet							
Chloroethane	BRL	2.00	ug/kg wet							
Chloroform	BRL	1.00	ug/kg wet							
Chloromethane	BRL	2.00	ug/kg wet							
2-Chlorotoluene	BRL	1.00	ug/kg wet							
4-Chlorotoluene	BRL	1.00	ug/kg wet							
1,2-Dibromo-3-chloropropane	BRL	2.00	ug/kg wet							
Dibromochloromethane	BRL	1.00	ug/kg wet							
1,2-Dibromoethane (EDB)	BRL	1.00	ug/kg wet							
Dibromomethane	BRL	1.00	ug/kg wet							
1,2-Dichlorobenzene	BRL	1.00	ug/kg wet							
1,3-Dichlorobenzene	BRL	1.00	ug/kg wet							
1,4-Dichlorobenzene	BRL	1.00	ug/kg wet							
Dichlorodifluoromethane (Freon12)	BRL	2.00	ug/kg wet							
1,1-Dichloroethane	BRL	1.00	ug/kg wet							
1,2-Dichloroethane	BRL	1.00	ug/kg wet							
1,1-Dichloroethene	BRL	1.00	ug/kg wet							
cis-1,2-Dichloroethene	BRL	1.00	ug/kg wet							
trans-1,2-Dichloroethene	BRL	1.00	ug/kg wet							
1,2-Dichloropropane	BRL	1.00	ug/kg wet							
1,3-Dichloropropane	BRL	1.00	ug/kg wet							
2,2-Dichloropropane	BRL	1.00	ug/kg wet							
1,1-Dichloropropene	BRL	1.00	ug/kg wet							
cis-1,3-Dichloropropene	BRL	1.00	ug/kg wet							
trans-1,3-Dichloropropene	BRL	1.00	ug/kg wet							
Ethylbenzene	BRL	1.00	ug/kg wet							
Hexachlorobutadiene	BRL	1.00	ug/kg wet							
2-Hexanone (MBK)	BRL	10.0	ug/kg wet							
Isopropylbenzene	BRL	1.00	ug/kg wet							
4-Isopropyltoluene	BRL	1.00	ug/kg wet							
Methyl tert-butyl ether	BRL	1.00	ug/kg wet							
4-Methyl-2-pentanone (MIBK)	BRL	10.0	ug/kg wet							
Methylene chloride	BRL	10.0	ug/kg wet							
Naphthalene	BRL	1.00	ug/kg wet							
n-Propylbenzene	BRL	1.00	ug/kg wet							
Styrene	BRL	1.00	ug/kg wet							
1,1,1,2-Tetrachloroethane	BRL	1.00	ug/kg wet							
1,1,2,2-Tetrachloroethane	BRL	1.00	ug/kg wet							
Tetrachloroethene	BRL	1.00	ug/kg wet							
Toluene	BRL	1.00	ug/kg wet							

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010397 - SW846 5030 Soil MS										
Blank (4010397-BLK1)				Prepared & Analyzed: 09-Jan-04						
1,2,3-Trichlorobenzene	BRL	1.00	ug/kg wet							
1,2,4-Trichlorobenzene	BRL	1.00	ug/kg wet							
1,1,1-Trichloroethane	BRL	1.00	ug/kg wet							
1,1,2-Trichloroethane	BRL	1.00	ug/kg wet							
Trichloroethene	BRL	1.00	ug/kg wet							
Trichlorofluoromethane (Freon 11)	BRL	1.00	ug/kg wet							
1,2,3-Trichloropropane	BRL	1.00	ug/kg wet							
1,2,4-Trimethylbenzene	BRL	1.00	ug/kg wet							
1,3,5-Trimethylbenzene	BRL	1.00	ug/kg wet							
Vinyl chloride	BRL	1.00	ug/kg wet							
m,p-Xylene	BRL	2.00	ug/kg wet							
o-Xylene	BRL	1.00	ug/kg wet							
Surrogate: 4-Bromofluorobenzene	*28.5*		ug/kg wet	*30.0*		*95.0*	*70-130*			
Surrogate: Toluene-d8	*30.7*		ug/kg wet	*30.0*		*102*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*31.6*		ug/kg wet	*30.0*		*105*	*70-130*			
Surrogate: Dibromofluoromethane	*31.4*		ug/kg wet	*30.0*		*105*	*70-130*			
Matrix Spike (4010397-MS1)	Source: SA07068-01			Prepared & Analyzed: 09-Jan-04						VOC10
Benzene	17.2		ug/kg dry	20.0	BRL	86.0	70-130			
Chlorobenzene	18.8		ug/kg dry	20.0	BRL	94.0	70-130			
1,1-Dichloroethene	14.9		ug/kg dry	20.0	BRL	74.5	70-130			
Toluene	17.8		ug/kg dry	20.0	0.624	85.9	70-130			
Trichloroethene	24.8		ug/kg dry	20.0	10.4	72.0	70-130			
Surrogate: 4-Bromofluorobenzene	*25.6*		ug/kg dry	*30.0*		*85.3*	*70-130*			
Surrogate: Toluene-d8	*29.5*		ug/kg dry	*30.0*		*98.3*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*22.3*		ug/kg dry	*30.0*		*74.3*	*70-130*			
Surrogate: Dibromofluoromethane	*28.5*		ug/kg dry	*30.0*		*95.0*	*70-130*			
Matrix Spike Dup (4010397-MSD1)	Source: SA07068-01			Prepared & Analyzed: 09-Jan-04						VOC10
Benzene	21.5		ug/kg dry	20.0	BRL	108	70-130	22.7	30	
Chlorobenzene	22.8		ug/kg dry	20.0	BRL	114	70-130	19.2	30	
1,1-Dichloroethene	19.8		ug/kg dry	20.0	BRL	99.0	70-130	28.2	30	
Toluene	21.9		ug/kg dry	20.0	0.624	106	70-130	20.9	30	
Trichloroethene	30.9		ug/kg dry	20.0	10.4	102	70-130	34.5	30	QR-02
Surrogate: 4-Bromofluorobenzene	*26.2*		ug/kg dry	*30.0*		*87.3*	*70-130*			
Surrogate: Toluene-d8	*29.8*		ug/kg dry	*30.0*		*99.3*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*23.7*		ug/kg dry	*30.0*		*79.0*	*70-130*			
Surrogate: Dibromofluoromethane	*28.7*		ug/kg dry	*30.0*		*95.7*	*70-130*			
Batch 4010495 - Volatiles										
Blank (4010495-BLK1)				Prepared & Analyzed: 12-Jan-04						
Acetone	BRL	20.0	ug/l							
Acrylonitrile	BRL	1.00	ug/l							
Benzene	BRL	1.00	ug/l							
Bromobenzene	BRL	1.00	ug/l							
Bromochloromethane	BRL	1.00	ug/l							
Bromodichloromethane	BRL	1.00	ug/l							
Bromoform	BRL	1.00	ug/l							
Bromomethane	BRL	2.00	ug/l							
2-Butanone (MEK)	BRL	10.0	ug/l							
n-Butylbenzene	BRL	1.00	ug/l							
sec-Butylbenzene	BRL	1.00	ug/l							
tert-Butylbenzene	BRL	1.00	ug/l							
Carbon disulfide	BRL	5.00	ug/l							
Carbon tetrachloride	BRL	1.00	ug/l							

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010495 - Volatiles										
Blank (4010495-BLK1)				Prepared & Analyzed: 12-Jan-04						
Chlorobenzene	BRL	1.00	ug/l							
Chloroethane	BRL	2.00	ug/l							
Chloroform	BRL	1.00	ug/l							
Chloromethane	BRL	2.00	ug/l							
2-Chlorotoluene	BRL	1.00	ug/l							
4-Chlorotoluene	BRL	1.00	ug/l							
1,2-Dibromo-3-chloropropane	BRL	2.00	ug/l							
Dibromochloromethane	BRL	1.00	ug/l							
1,2-Dibromoethane (EDB)	BRL	1.00	ug/l							
Dibromomethane	BRL	1.00	ug/l							
1,2-Dichlorobenzene	BRL	1.00	ug/l							
1,3-Dichlorobenzene	BRL	1.00	ug/l							
1,4-Dichlorobenzene	BRL	1.00	ug/l							
Dichlorodifluoromethane (Freon12)	BRL	2.00	ug/l							
1,1-Dichloroethane	BRL	1.00	ug/l							
1,2-Dichloroethane	BRL	1.00	ug/l							
1,1-Dichloroethene	BRL	1.00	ug/l							
cis-1,2-Dichloroethene	BRL	1.00	ug/l							
trans-1,2-Dichloroethene	BRL	1.00	ug/l							
1,2-Dichloropropane	BRL	1.00	ug/l							
1,3-Dichloropropane	BRL	1.00	ug/l							
2,2-Dichloropropane	BRL	1.00	ug/l							
1,1-Dichloropropene	BRL	1.00	ug/l							
cis-1,3-Dichloropropene	BRL	1.00	ug/l							
trans-1,3-Dichloropropene	BRL	1.00	ug/l							
Ethylbenzene	BRL	1.00	ug/l							
Hexachlorobutadiene	BRL	1.00	ug/l							
2-Hexanone (MBK)	BRL	10.0	ug/l							
Isopropylbenzene	BRL	1.00	ug/l							
4-Isopropyltoluene	BRL	1.00	ug/l							
Methyl tert-butyl ether	BRL	1.00	ug/l							
4-Methyl-2-pentanone (MIBK)	BRL	10.0	ug/l							
Methylene chloride	BRL	10.0	ug/l							
Naphthalene	BRL	1.00	ug/l							
n-Propylbenzene	BRL	1.00	ug/l							
Styrene	BRL	1.00	ug/l							
1,1,1,2-Tetrachloroethane	BRL	1.00	ug/l							
1,1,2,2-Tetrachloroethene	BRL	1.00	ug/l							
Tetrachloroethene	BRL	1.00	ug/l							
Toluene	BRL	1.00	ug/l							
1,2,3-Trichlorobenzene	BRL	1.00	ug/l							
1,2,4-Trichlorobenzene	BRL	1.00	ug/l							
1,1,1-Trichloroethane	BRL	1.00	ug/l							
1,1,2-Trichloroethane	BRL	1.00	ug/l							
Trichloroethene	BRL	1.00	ug/l							
Trichlorofluoromethane (Freon 11)	BRL	1.00	ug/l							
1,2,3-Trichloropropane	BRL	1.00	ug/l							
1,2,4-Trimethylbenzene	BRL	1.00	ug/l							
1,3,5-Trimethylbenzene	BRL	1.00	ug/l							
Vinyl chloride	BRL	1.00	ug/l							
m,p-Xylene	BRL	2.00	ug/l							
o-Xylene	BRL	1.00	ug/l							
Surrogate: 4-Bromofluorobenzene	*50.8*		ug/l	*50.0*		*102*	*70-130*			
Surrogate: Toluene-d8	*50.4*		ug/l	*50.0*		*101*	*70-130*			

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*Reportable Detection Limit BRL = Below Reporting Limit

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010495 - Volatiles										
Blank (4010495-BLK1)				Prepared & Analyzed: 12-Jan-04						
Surrogate: 1,2-Dichloroethane-d4	*51.2*		ug/l	*50.0*		*102*	*70-130*			
Surrogate: Dibromofluoromethane	*52.4*		ug/l	*50.0*		*105*	*70-130*			
Matrix Spike (4010495-MS1)	Source: SA07099-12			Prepared & Analyzed: 12-Jan-04						
Benzene	22.5		ug/l	20.0	BRL	112	70-130			
Chlorobenzene	21.1		ug/l	20.0	BRL	106	70-130			
1,1-Dichloroethene	24.2		ug/l	20.0	BRL	121	70-130			
Toluene	22.8		ug/l	20.0	BRL	114	70-130			
Trichloroethene	23.0		ug/l	20.0	0.520	112	70-130			
Surrogate: 4-Bromofluorobenzene	*47.2*		ug/l	*50.0*		*94.4*	*70-130*			
Surrogate: Toluene-d8	*50.2*		ug/l	*50.0*		*100*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*51.4*		ug/l	*50.0*		*103*	*70-130*			
Surrogate: Dibromofluoromethane	*51.3*		ug/l	*50.0*		*103*	*70-130*			
Matrix Spike Dup (4010495-MSD1)	Source: SA07099-12			Prepared & Analyzed: 12-Jan-04						
Benzene	22.9		ug/l	20.0	BRL	114	70-130	1.77	30	
Chlorobenzene	23.8		ug/l	20.0	BRL	119	70-130	11.6	30	
1,1-Dichloroethene	23.4		ug/l	20.0	BRL	117	70-130	3.36	30	
Toluene	23.4		ug/l	20.0	BRL	117	70-130	2.60	30	
Trichloroethene	22.6		ug/l	20.0	0.520	110	70-130	1.80	30	
Surrogate: 4-Bromofluorobenzene	*52.5*		ug/l	*50.0*		*105*	*70-130*			
Surrogate: Toluene-d8	*50.2*		ug/l	*50.0*		*100*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*53.0*		ug/l	*50.0*		*106*	*70-130*			
Surrogate: Dibromofluoromethane	*52.2*		ug/l	*50.0*		*104*	*70-130*			
Batch 4010560 - SW846 5035A										
Blank (4010560-BLK1)				Prepared & Analyzed: 12-Jan-04						
Acetone	BRL	100	ug/kg wet							
Acrylonitrile	BRL	5.00	ug/kg wet							
Benzene	BRL	5.00	ug/kg wet							
Bromobenzene	BRL	5.00	ug/kg wet							
Bromochloromethane	BRL	5.00	ug/kg wet							
Bromodichloromethane	BRL	5.00	ug/kg wet							
Bromoform	BRL	5.00	ug/kg wet							
Bromomethane	BRL	10.0	ug/kg wet							
2-Butanone (MEK)	BRL	50.0	ug/kg wet							
n-Butylbenzene	BRL	5.00	ug/kg wet							
sec-Butylbenzene	BRL	5.00	ug/kg wet							
tert-Butylbenzene	BRL	5.00	ug/kg wet							
Carbon disulfide	BRL	25.0	ug/kg wet							
Carbon tetrachloride	BRL	5.00	ug/kg wet							
Chlorobenzene	BRL	5.00	ug/kg wet							
Chloroethane	BRL	10.0	ug/kg wet							
Chloroform	BRL	5.00	ug/kg wet							
Chloromethane	BRL	10.0	ug/kg wet							
2-Chlorotoluene	BRL	5.00	ug/kg wet							
4-Chlorotoluene	BRL	5.00	ug/kg wet							
1,2-Dibromo-3-chloropropane	BRL	10.0	ug/kg wet							
Dibromochloromethane	BRL	5.00	ug/kg wet							
1,2-Dibromoethane (EDB)	BRL	5.00	ug/kg wet							
Dibromomethane	BRL	5.00	ug/kg wet							
1,2-Dichlorobenzene	BRL	5.00	ug/kg wet							
1,3-Dichlorobenzene	BRL	5.00	ug/kg wet							
1,4-Dichlorobenzene	BRL	5.00	ug/kg wet							
Dichlorodifluoromethane (Freon12)	BRL	10.0	ug/kg wet							

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010560 - SW846 5035A										
Blank (4010560-BLK1)				Prepared & Analyzed: 12-Jan-04						
1,1-Dichloroethane	BRL	5.00	ug/kg wet							
1,2-Dichloroethane	BRL	5.00	ug/kg wet							
1,1-Dichloroethene	BRL	5.00	ug/kg wet							
cis-1,2-Dichloroethene	BRL	5.00	ug/kg wet							
trans-1,2-Dichloroethene	BRL	5.00	ug/kg wet							
1,2-Dichloropropane	BRL	5.00	ug/kg wet							
1,3-Dichloropropane	BRL	5.00	ug/kg wet							
2,2-Dichloropropane	BRL	5.00	ug/kg wet							
1,1-Dichloropropene	BRL	5.00	ug/kg wet							
cis-1,3-Dichloropropene	BRL	5.00	ug/kg wet							
trans-1,3-Dichloropropene	BRL	5.00	ug/kg wet							
Ethylbenzene	BRL	5.00	ug/kg wet							
Hexachlorobutadiene	BRL	5.00	ug/kg wet							
2-Hexanone (MBK)	BRL	50.0	ug/kg wet							
Isopropylbenzene	BRL	5.00	ug/kg wet							
4-Isopropyltoluene	BRL	5.00	ug/kg wet							
Methyl tert-butyl ether	BRL	5.00	ug/kg wet							
4-Methyl-2-pentanone (MIBK)	BRL	50.0	ug/kg wet							
Methylene chloride	BRL	50.0	ug/kg wet							
Naphthalene	BRL	5.00	ug/kg wet							
n-Propylbenzene	BRL	5.00	ug/kg wet							
Styrene	BRL	5.00	ug/kg wet							
1,1,1,2-Tetrachloroethane	BRL	5.00	ug/kg wet							
1,1,2,2-Tetrachloroethane	BRL	5.00	ug/kg wet							
Tetrachloroethene	BRL	5.00	ug/kg wet							
Toluene	BRL	5.00	ug/kg wet							
1,2,3-Trichlorobenzene	BRL	5.00	ug/kg wet							
1,2,4-Trichlorobenzene	BRL	5.00	ug/kg wet							
1,1,1-Trichloroethane	BRL	5.00	ug/kg wet							
1,1,2-Trichloroethane	BRL	5.00	ug/kg wet							
Trichloroethene	BRL	5.00	ug/kg wet							
Trichlorofluoromethane (Freon 11)	BRL	5.00	ug/kg wet							
1,2,3-Trichloropropane	BRL	5.00	ug/kg wet							
1,2,4-Trimethylbenzene	BRL	5.00	ug/kg wet							
1,3,5-Trimethylbenzene	BRL	5.00	ug/kg wet							
Vinyl chloride	BRL	5.00	ug/kg wet							
m,p-Xylene	BRL	10.0	ug/kg wet							
o-Xylene	BRL	5.00	ug/kg wet							
Surrogate: 4-Bromofluorobenzene	*49.7*		ug/kg wet	*50.0*		*99.4*	*70-130*			
Surrogate: Toluene-d8	*49.8*		ug/kg wet	*50.0*		*99.6*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*64.8*		ug/kg wet	*50.0*		*130*	*70-130*			
Surrogate: Dibromofluoromethane	*55.5*		ug/kg wet	*50.0*		*111*	*70-130*			

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010371 - SW846 3550B										
Blank (4010371-BLK1)				Prepared: 09-Jan-04 Analyzed: 12-Jan-04						
PCB 1016	BRL	28.6	ug/kg wet							
PCB 1221	BRL	28.6	ug/kg wet							
PCB 1232	BRL	28.6	ug/kg wet							
PCB 1242	BRL	28.6	ug/kg wet							
PCB 1248	BRL	28.6	ug/kg wet							
PCB 1254	BRL	28.6	ug/kg wet							
PCB 1260	BRL	28.6	ug/kg wet							
PCB 1262	BRL	28.6	ug/kg wet							
PCB 1268	BRL	28.6	ug/kg wet							
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*25.3*		ug/kg wet	*28.6*		*88.5*	*40-140*			
Surrogate: Decachlorobiphenyl (Sr)	*22.1*		ug/kg wet	*28.6*		*77.3*	*40-140*			
Duplicate (4010371-DUP1)	Source: SA07053-01			Prepared: 09-Jan-04 Analyzed: 12-Jan-04						
PCB 1016	BRL	32.3	ug/kg dry		BRL				40	
PCB 1221	BRL	32.3	ug/kg dry		BRL				40	
PCB 1232	BRL	32.3	ug/kg dry		BRL				40	
PCB 1242	BRL	32.3	ug/kg dry		BRL				40	
PCB 1248	BRL	32.3	ug/kg dry		BRL				40	
PCB 1254	BRL	32.3	ug/kg dry		BRL				40	
PCB 1260	BRL	32.3	ug/kg dry		BRL				40	
PCB 1262	BRL	32.3	ug/kg dry		BRL				40	
PCB 1268	BRL	32.3	ug/kg dry		BRL				40	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*32.4*		ug/kg dry	*32.3*		*100*	*40-140*			
Surrogate: Decachlorobiphenyl (Sr)	*26.8*		ug/kg dry	*32.3*		*83.0*	*40-140*			
Matrix Spike (4010371-MS1)	Source: SA07053-01			Prepared: 09-Jan-04 Analyzed: 12-Jan-04						
PCB 1016	524	32.7	ug/kg dry	408	BRL	128	40-140			
PCB 1260	499	32.7	ug/kg dry	408	BRL	122	40-140			
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*32.4*		ug/kg dry	*32.7*		*99.1*	*40-140*			
Surrogate: Decachlorobiphenyl (Sr)	*30.5*		ug/kg dry	*32.7*		*93.3*	*40-140*			
Matrix Spike Dup (4010371-MSD1)	Source: SA07053-01			Prepared: 09-Jan-04 Analyzed: 12-Jan-04						
PCB 1016	559	33.7	ug/kg dry	421	BRL	133	40-140	3.83	50	
PCB 1260	552	33.7	ug/kg dry	421	BRL	131	40-140	7.11	50	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*36.6*		ug/kg dry	*33.7*		*109*	*40-140*			
Surrogate: Decochlorobiphenyl (Sr)	*34.3*		ug/kg dry	*33.7*		*102*	*40-140*			

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010365 - SW846 3550B										
Blank (4010365-BLK1)				Prepared & Analyzed: 09-Jan-04						
Acenaphthene	BRL	85.8	ug/kg wet							
Acenaphthylene	BRL	85.8	ug/kg wet							
Aniline	BRL	85.8	ug/kg wet							
Anthracene	BRL	85.8	ug/kg wet							
Azobenzene/Diphenyldiazine	BRL	85.8	ug/kg wet							
Benzidine	BRL	85.8	ug/kg wet							
Benzo (a) anthracene	BRL	85.8	ug/kg wet							
Benzo (a) pyrene	BRL	85.8	ug/kg wet							
Benzo (b) fluoranthene	BRL	85.8	ug/kg wet							
Benzo (g,h,i) perylene	BRL	85.8	ug/kg wet							
Benzo (k) fluoranthene	BRL	85.8	ug/kg wet							
Benzoic acid	BRL	85.8	ug/kg wet							
Benzyl alcohol	BRL	85.8	ug/kg wet							
Bis(2-chloroethoxy)methane	BRL	85.8	ug/kg wet							
Bis(2-chloroethyl)ether	BRL	85.8	ug/kg wet							
Bis(2-chloroisopropyl)ether	BRL	85.8	ug/kg wet							
Bis(2-ethylhexyl)phthalate	BRL	85.8	ug/kg wet							
4-Bromophenyl phenyl ether	BRL	85.8	ug/kg wet							
Butyl benzyl phthalate	BRL	85.8	ug/kg wet							
Carbazole	BRL	85.8	ug/kg wet							
4-Chloro-3-methylphenol	BRL	85.8	ug/kg wet							
4-Chloroaniline	BRL	85.8	ug/kg wet							
2-Chloronaphthalene	BRL	85.8	ug/kg wet							
2-Chlorophenol	BRL	85.8	ug/kg wet							
4-Chlorophenyl phenyl ether	BRL	85.8	ug/kg wet							
Chrysene	BRL	85.8	ug/kg wet							
Dibenzo (a,h) anthracene	BRL	85.8	ug/kg wet							
Dibenzofuran	BRL	85.8	ug/kg wet							
1,2-Dichlorobenzene	BRL	85.8	ug/kg wet							
1,3-Dichlorobenzene	BRL	85.8	ug/kg wet							
1,4-Dichlorobenzene	BRL	85.8	ug/kg wet							
3,3'-Dichlorobenzidine	BRL	85.8	ug/kg wet							
2,4-Dichlorophenol	BRL	85.8	ug/kg wet							
Diethyl phthalate	BRL	85.8	ug/kg wet							
Dimethyl phthalate	BRL	85.8	ug/kg wet							
2,4-Dimethylphenol	BRL	85.8	ug/kg wet							
Di-n-butyl phthalate	BRL	85.8	ug/kg wet							
4,6-Dinitro-2-methylphenol	BRL	85.8	ug/kg wet							
2,4-Dinitrophenol	BRL	85.8	ug/kg wet							
2,4-Dinitrotoluene	BRL	85.8	ug/kg wet							
2,6-Dinitrotoluene	BRL	85.8	ug/kg wet							
Di-n-octyl phthalate	BRL	85.8	ug/kg wet							
Fluoranthene	BRL	85.8	ug/kg wet							
Fluorene	BRL	85.8	ug/kg wet							
Hexachlorobenzene	BRL	85.8	ug/kg wet							
Hexachlorobutadiene	BRL	85.8	ug/kg wet							
Hexachlorocyclopentadiene	BRL	85.8	ug/kg wet							
Hexachloroethane	BRL	85.8	ug/kg wet							
Indeno (1,2,3-cd) pyrene	BRL	85.8	ug/kg wet							
1-Methylnaphthalene	BRL	85.7	ug/kg wet							
Isophorone	BRL	85.8	ug/kg wet							
2-Methylnaphthalene	BRL	85.8	ug/kg wet							
2-Methylphenol	BRL	85.8	ug/kg wet							
3-Methylphenol	BRL	85.8	ug/kg wet							

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010365 - SW846 3550B										
Blank (4010365-BLK1)			Prepared & Analyzed: 09-Jan-04							
4-Methylphenol	BRL	85.8	ug/kg wet							
Naphthalene	BRL	85.8	ug/kg wet							
2-Nitroaniline	BRL	85.8	ug/kg wet							
3-Nitroaniline	BRL	85.8	ug/kg wet							
4-Nitroaniline	BRL	85.8	ug/kg wet							
Nitrobenzene	BRL	85.8	ug/kg wet							
2-Nitrophenol	BRL	85.8	ug/kg wet							
4-Nitrophenol	BRL	85.8	ug/kg wet							
N-Nitrosodimethylamine	BRL	85.8	ug/kg wet							
N-Nitrosodi-n-propylamine	BRL	85.8	ug/kg wet							
N-Nitrosodiphenylamine	BRL	85.8	ug/kg wet							
Pentachlorophenol	BRL	85.8	ug/kg wet							
Phenanthrene	BRL	85.8	ug/kg wet							
Phenol	BRL	85.8	ug/kg wet							
Pyrene	BRL	85.8	ug/kg wet							
Pyridine	BRL	85.8	ug/kg wet							
1,2,4-Trichlorobenzene	BRL	85.8	ug/kg wet							
2,4,5-Trichlorophenol	BRL	85.8	ug/kg wet							
2,4,6-Trichlorophenol	BRL	85.8	ug/kg wet							
Surrogate: 2-Fluorobiphenyl	*5910*		ug/kg wet	*8580*		*68.9*	*30-130*			
Surrogate: 2-Fluorophenol	*6260*		ug/kg wet	*8580*		*73.0*	*15-110*			
Surrogate: Nitrobenzene-d5	*5140*		ug/kg wet	*8580*		*59.9*	*30-130*			
Surrogate: Phenol-d5	*6230*		ug/kg wet	*8580*		*72.6*	*15-110*			
Surrogate: Terphenyl-d14	*7140*		ug/kg wet	*8580*		*83.2*	*30-130*			
Surrogate: 2,4,6-Tribromophenol	*6820*		ug/kg wet	*8580*		*79.5*	*15-110*			
Duplicate (4010365-DUP1)	Source: SA06995-01		Prepared & Analyzed: 09-Jan-04							
Acenaphthene	BRL	151	ug/kg dry		BRL				50	
Acenaphthylene	BRL	151	ug/kg dry		63.8			16.8	50	
Aniline	BRL	151	ug/kg dry		BRL				50	
Anthracene	BRL	151	ug/kg dry		34.9			11.6	50	
Azobenzene/Diphenyldiazine	BRL	151	ug/kg dry		BRL				50	
Benzidine	BRL	151	ug/kg dry		BRL				50	
Benzo (a) anthracene	BRL	151	ug/kg dry		126			10.9	50	
Benzo (a) pyrene	BRL	151	ug/kg dry		85.0			6.38	50	
Benzo (b) fluoranthene	BRL	151	ug/kg dry		112			11.0	50	
Benzo (g,h,i) perylene	BRL	151	ug/kg dry		94.1			16.2	50	
Benzo (k) fluoranthene	BRL	151	ug/kg dry		95.7			7.35	50	
Benzoic acid	BRL	151	ug/kg dry		BRL				50	
Benzyl alcohol	BRL	151	ug/kg dry		65.3			3.90	50	
Bis(2-chloroethoxy)methane	BRL	151	ug/kg dry		BRL				50	
Bis(2-chloroethyl)ether	BRL	151	ug/kg dry		BRL				50	
Bis(2-chloroisopropyl)ether	BRL	151	ug/kg dry		BRL				50	
Bis(2-ethylhexyl)phthalate	BRL	151	ug/kg dry		BRL				50	
4-Bromophenyl phenyl ether	BRL	151	ug/kg dry		BRL				50	
Butyl benzyl phthalate	BRL	151	ug/kg dry		BRL				50	
Carbazole	BRL	151	ug/kg dry		BRL				50	
4-Chloro-3-methylphenol	BRL	151	ug/kg dry		BRL				50	
4-Chloroaniline	BRL	151	ug/kg dry		BRL				50	
2-Chloronaphthalene	BRL	151	ug/kg dry		BRL				50	
2-Chlorophenol	BRL	151	ug/kg dry		BRL				50	
4-Chlorophenyl phenyl ether	BRL	151	ug/kg dry		BRL				50	
Chrysene	BRL	151	ug/kg dry		117			0.858	50	
Dibenzo (a,h) anthracene	BRL	151	ug/kg dry		13.7			0.733	50	

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010365 - SW846 3550B										
Duplicate (4010365-DUP1)	Source: SA06995-01			Prepared & Analyzed: 09-Jan-04						
Dibenzofuran	BRL	151	ug/kg dry		BRL				50	
1,2-Dichlorobenzene	BRL	151	ug/kg dry		1.52			0.660	50	
1,3-Dichlorobenzene	BRL	151	ug/kg dry		BRL				50	
1,4-Dichlorobenzene	BRL	151	ug/kg dry		BRL				50	
3,3'-Dichlorobenzidine	BRL	151	ug/kg dry		BRL				50	
2,4-Dichlorophenol	BRL	151	ug/kg dry		BRL				50	
Diethyl phthalate	BRL	151	ug/kg dry		BRL				50	
Dimethyl phthalate	BRL	151	ug/kg dry		BRL				50	
2,4-Dimethylphenol	BRL	151	ug/kg dry		BRL				50	
Di-n-butyl phthalate	BRL	151	ug/kg dry		89.6			34.2	50	
4,6-Dinitro-2-methylphenol	BRL	151	ug/kg dry		BRL				50	
2,4-Dinitrophenol	BRL	151	ug/kg dry		117				50	
2,4-Dinitrotoluene	BRL	151	ug/kg dry		BRL				50	
2,6-Dinitrotoluene	BRL	151	ug/kg dry		BRL				50	
Di-n-octyl phthalate	BRL	151	ug/kg dry		BRL				50	
Fluoranthene	BRL	151	ug/kg dry		120			15.2	50	
Fluorene	BRL	151	ug/kg dry		BRL				50	
Hexachlorobenzene	BRL	151	ug/kg dry		BRL				50	
Hexachlorobutadiene	BRL	151	ug/kg dry		BRL				50	
Hexachlorocyclopentadiene	BRL	151	ug/kg dry		BRL				50	
Hexachloroethane	BRL	151	ug/kg dry		BRL				50	
Indeno (1,2,3-cd) pyrene	BRL	151	ug/kg dry		88.1			13.4	50	
1-Methylnaphthalene	BRL	151	ug/kg dry		BRL				50	
Isophorone	BRL	151	ug/kg dry		BRL				50	
2-Methylnaphthalene	BRL	151	ug/kg dry		BRL				50	
2-Methylphenol	BRL	151	ug/kg dry		BRL				50	
3-Methylphenol	BRL	151	ug/kg dry		BRL				50	
4-Methylphenol	BRL	151	ug/kg dry		BRL				50	
Naphthalene	BRL	151	ug/kg dry		BRL				50	
2-Nitroaniline	BRL	151	ug/kg dry		BRL				50	
3-Nitroaniline	BRL	151	ug/kg dry		BRL				50	
4-Nitroaniline	BRL	151	ug/kg dry		BRL				50	
Nitrobenzene	BRL	151	ug/kg dry		BRL				50	
2-Nitrophenol	BRL	151	ug/kg dry		BRL				50	
4-Nitrophenol	BRL	151	ug/kg dry		BRL				50	
N-Nitrosodimethylamine	BRL	151	ug/kg dry		BRL				50	
N-Nitrosodi-n-propylamine	BRL	151	ug/kg dry		BRL				50	
N-Nitrosodiphenylamine	BRL	151	ug/kg dry		BRL				50	
Pentachlorophenol	BRL	151	ug/kg dry		BRL				50	
Phenanthrene	BRL	151	ug/kg dry		44.0			11.5	50	
Phenol	BRL	151	ug/kg dry		BRL				50	
Pyrene	BRL	151	ug/kg dry		121			4.22	50	
Pyridine	BRL	151	ug/kg dry		77.4				50	
1,2,4-Trichlorobenzene	BRL	151	ug/kg dry		BRL				50	
2,4,5-Trichlorophenol	BRL	151	ug/kg dry		BRL				50	
2,4,6-Trichlorophenol	BRL	151	ug/kg dry		BRL				50	
Surrogate: 2-Fluorobiphenyl	*6050*		ug/kg dry	*7550*		*80.1*	*30-130*			
Surrogate: 2-Fluorophenol	*6330*		ug/kg dry	*7550*		*83.8*	*15-110*			
Surrogate: Nitrobenzene-d5	*5150*		ug/kg dry	*7550*		*68.2*	*30-130*			
Surrogate: Phenol-d5	*5600*		ug/kg dry	*7550*		*74.2*	*15-110*			
Surrogate: Terphenyl-dl4	*5960*		ug/kg dry	*7550*		*78.9*	*30-130*			
Surrogate: 2,4,6-Tribromophenol	*6200*		ug/kg dry	*7550*		*82.1*	*15-110*			
Matrix Spike (4010365-MS1)	Source: SA06995-01			Prepared & Analyzed: 09-Jan-04						

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*Reportable Detection Limit BRL = Below Reporting Limit

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010365 - SW846 3550B										
Matrix Spike (4010365-MS1)	Source: SA06995-01			Prepared & Analyzed: 09-Jan-04						
Acenaphthene	5740	75.2	ug/kg dry	7520	BRL	76.3	40-140			
4-Chloro-3-methylphenol	11300	75.2	ug/kg dry	15000	BRL	75.3	30-130			
2-Chlorophenol	10700	75.2	ug/kg dry	15000	BRL	71.3	30-130			
1,4-Dichlorobenzene	5500	75.2	ug/kg dry	7520	BRL	73.1	40-140			
2,4-Dinitrotoluene	3970	75.2	ug/kg dry	7520	BRL	52.8	40-140			
4-Nitrophenol	10900	75.2	ug/kg dry	15000	BRL	72.7	30-130			
N-Nitrosodi-n-propylamine	5260	75.2	ug/kg dry	7520	BRL	69.9	40-140			
Pentachlorophenol	11500	75.2	ug/kg dry	15000	BRL	76.7	30-130			
Phenol	10600	75.2	ug/kg dry	15000	BRL	70.7	30-130			
Pyrene	6150	75.2	ug/kg dry	7520	121	80.2	40-140			
1,2,4-Trichlorobenzene	5840	75.2	ug/kg dry	7520	BRL	77.7	40-140			
Surrogate: 2-Fluorobiphenyl	*5610*		ug/kg dry	*7520*		*74.6*	*30-130*			
Surrogate: 2-Fluorophenol	*5740*		ug/kg dry	*7520*		*76.3*	*15-110*			
Surrogate: Nitrobenzene-d5	*4930*		ug/kg dry	*7520*		*65.6*	*30-130*			
Surrogate: Phenol-d5	*5300*		ug/kg dry	*7520*		*70.5*	*15-110*			
Surrogate: Terphenyl-dl4	*6310*		ug/kg dry	*7520*		*83.9*	*30-130*			
Surrogate: 2,4,6-Tribromophenol	*6520*		ug/kg dry	*7520*		*86.7*	*15-110*			
Matrix Spike Dup (4010365-MSD1)	Source: SA06995-01			Prepared & Analyzed: 09-Jan-04						
Acenaphthene	5830	76.1	ug/kg dry	7600	BRL	76.7	40-140	0.523	30	
4-Chloro-3-methylphenol	11200	76.1	ug/kg dry	15200	BRL	73.7	30-130	2.15	30	
2-Chlorophenol	11000	76.1	ug/kg dry	15200	BRL	72.4	30-130	1.53	30	
1,4-Dichlorobenzene	5650	76.1	ug/kg dry	7600	BRL	74.3	40-140	1.63	30	
2,4-Dinitrotoluene	4060	76.1	ug/kg dry	7600	BRL	53.4	40-140	1.13	30	
4-Nitrophenol	11300	76.1	ug/kg dry	15200	BRL	74.3	30-130	2.18	30	
N-Nitrosodi-n-propylamine	5420	76.1	ug/kg dry	7600	BRL	71.3	40-140	1.98	30	
Pentachlorophenol	10900	76.1	ug/kg dry	15200	BRL	71.7	30-130	6.74	30	
Phenol	10900	76.1	ug/kg dry	15200	BRL	71.7	30-130	1.40	30	
Pyrene	6250	76.1	ug/kg dry	7600	121	80.6	40-140	0.498	30	
1,2,4-Trichlorobenzene	5940	76.1	ug/kg dry	7600	BRL	78.2	40-140	0.641	30	
Surrogate: 2-Fluorobiphenyl	*5520*		ug/kg dry	*7600*		*72.6*	*30-130*			
Surrogate: 2-Fluorophenol	*5550*		ug/kg dry	*7600*		*73.0*	*15-110*			
Surrogate: Nitrobenzene-d5	*4860*		ug/kg dry	*7600*		*63.9*	*30-130*			
Surrogate: Phenol-d5	*5080*		ug/kg dry	*7600*		*66.8*	*15-110*			
Surrogate: Terphenyl-dl4	*6390*		ug/kg dry	*7600*		*84.1*	*30-130*			
Surrogate: 2,4,6-Tribromophenol	*6160*		ug/kg dry	*7600*		*81.1*	*15-110*			

Total Metals by EPA 6000/7000 Series Methods, Prepared by SW846 3050B - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010435 - EPA200/SW7000 Series										
Blank (4010435-BLK1)				Prepared: 09-Jan-04 Analyzed: 12-Jan-04						
Mercury	BRL	0.179	mg/kg wet							
LCS (4010435-BS1)				Prepared: 09-Jan-04 Analyzed: 12-Jan-04						
Mercury	0.883	0.179	mg/kg wet	0.893		98.9	80-120			
Duplicate (4010435-DUP1)	Source: SA07048-01			Prepared: 09-Jan-04 Analyzed: 12-Jan-04						
Mercury	BRL	0.183	mg/kg dry		BRL				35	
Duplicate (4010435-DUP2)	Source: SA07068-01			Prepared: 09-Jan-04 Analyzed: 12-Jan-04						
Mercury	BRL	0.178	mg/kg dry		BRL				35	
Matrix Spike (4010435-MS1)	Source: SA07053-01			Prepared: 09-Jan-04 Analyzed: 12-Jan-04						
Mercury	0.527	0.210	mg/kg dry	0.490	BRL	108	75-125			
Matrix Spike (4010435-MS2)	Source: SA07068-02			Prepared: 09-Jan-04 Analyzed: 12-Jan-04						
Mercury	0.482	0.191	mg/kg dry	0.444	BRL	109	75-125			
Matrix Spike Dup (4010435-MSD1)	Source: SA07053-01			Prepared: 09-Jan-04 Analyzed: 12-Jan-04						
Mercury	0.514	0.209	mg/kg dry	0.488	BRL	105	75-125	2.50	35	
Matrix Spike Dup (4010435-MSD2)	Source: SA07068-02			Prepared: 09-Jan-04 Analyzed: 12-Jan-04						
Mercury	0.455	0.178	mg/kg dry	0.415	BRL	110	75-125	5.76	35	
Reference (4010435-SRM1)				Prepared: 09-Jan-04 Analyzed: 12-Jan-04						
Mercury	1.46	0.179	mg/kg wet	1.29		113	85-115			

Total Metals by EPA 200 Series Methods - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010433 - EPA 200 Series										
Blank (4010433-BLK1)				Prepared: 09-Jan-04 Analyzed: 12-Jan-04						
Aluminum	0.0840	0.0300	mg/kg wet							QB-01
Antimony	BRL	0.0300	mg/kg wet							
Iron	0.0258	0.0100	mg/kg wet							QB-01
Magnesium	BRL	0.0500	mg/kg wet							
Manganese	BRL	0.0020	mg/kg wet							
Nickel	BRL	0.0100	mg/kg wet							
Potassium	0.227	0.200	mg/kg wet							QB-01
Selenium	BRL	0.0300	mg/kg wet							
Silver	BRL	0.0200	mg/kg wet							
Sodium	BRL	8.00	mg/kg wet							
Thallium	BRL	0.0300	mg/kg wet							
Vanadium	BRL	0.0100	mg/kg wet							
Zinc	BRL	0.0100	mg/kg wet							
Arsenic	BRL	0.0300	mg/kg wet							
Beryllium	BRL	0.0040	mg/kg wet							
Cadmium	BRL	0.0050	mg/kg wet							
Calcium	0.142	0.100	mg/kg wet							QB-01
Chromium	BRL	0.0100	mg/kg wet							
Cobalt	BRL	0.0100	mg/kg wet							
Copper	BRL	0.0100	mg/kg wet							
Lead	BRL	0.0150	mg/kg wet							
Barium	BRL	0.0100	mg/kg wet							
LCS (4010433-BS1)				Prepared: 09-Jan-04 Analyzed: 12-Jan-04						
Aluminum	1.06	0.0300	mg/kg wet	1.00		106	85-115			
Antimony	1.01	0.0300	mg/kg wet	1.00		101	85-115			
Iron	1.09	0.0100	mg/kg wet	1.00		109	85-115			
Magnesium	1.05	0.0500	mg/kg wet	1.00		105	85-115			
Manganese	1.08	0.0020	mg/kg wet	1.00		108	85-115			
Nickel	1.07	0.0100	mg/kg wet	1.00		107	85-115			
Potassium	100	0.200	mg/kg wet	100		100	85-115			
Selenium	1.02	0.0300	mg/kg wet	1.00		102	85-115			
Silver	1.03	0.0400	mg/kg wet	1.00		103	85-115			
Sodium	10.0	0.100	mg/kg wet	10.0		100	85-115			
Thallium	0.972	0.0300	mg/kg wet	1.00		97.2	85-115			
Vanadium	1.00	0.0100	mg/kg wet	1.00		100	85-115			
Zinc	1.04	0.0100	mg/kg wet	1.00		104	85-115			
Arsenic	1.02	0.0300	mg/kg wet	1.00		102	85-115			
Beryllium	1.01	0.0040	mg/kg wet	1.00		101	85-115			
Cadmium	1.02	0.0050	mg/kg wet	1.00		102	85-115			
Calcium	1.03	0.100	mg/kg wet	1.00		103	85-115			
Chromium	1.03	0.0100	mg/kg wet	1.00		103	85-115			
Cobalt	0.998	0.0100	mg/kg wet	1.00		99.8	85-115			
Copper	1.05	0.0100	mg/kg wet	1.00		105	85-115			
Lead	0.998	0.0150	mg/kg wet	1.00		99.8	85-115			
Barium	1.11	0.0100	mg/kg wet	1.00		111	85-115			
Duplicate (4010433-DUP1)		Source: SA07048-01		Prepared: 09-Jan-04 Analyzed: 12-Jan-04						
Aluminum	5580	3.09	mg/kg dry		4380			24.1	200	
Antimony	BRL	3.09	mg/kg dry		BRL				200	
Iron	12300	1.03	mg/kg dry		11100			10.3	200	
Magnesium	3130	5.16	mg/kg dry		1860			50.9	200	
Manganese	181	0.206	mg/kg dry		286			45.0	200	
Nickel	10.0	1.03	mg/kg dry		6.45			43.2	200	
Potassium	888	20.6	mg/kg dry		661			29.3	200	

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*Reportable Detection Limit BRL = Below Reporting Limit

Total Metals by EPA 200 Series Methods - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010433 - EPA 200 Series										
Duplicate (4010433-DUP1)	Source: SA07048-01			Prepared: 09-Jan-04 Analyzed: 12-Jan-04						
Selenium	BRL	3.09	mg/kg dry		BRL				200	
Silver	BRL	2.06	mg/kg dry		BRL				200	
Sodium	BRL	342	mg/kg dry		343			43.3	200	
Thallium	BRL	3.40	mg/kg dry		3.67			10.0	200	
Vanadium	12.9	1.03	mg/kg dry		14.3			10.3	200	
Zinc	59.7	1.03	mg/kg dry		35.3			51.4	200	
Arsenic	BRL	3.09	mg/kg dry		6.30			111	200	
Beryllium	BRL	0.413	mg/kg dry		0.301			19.3	200	
Cadmium	BRL	0.516	mg/kg dry		BRL				20	
Calcium	3480	10.3	mg/kg dry		1550			76.7	200	
Chromium	9.85	1.03	mg/kg dry		5.10			63.5	200	
Cobalt	4.37	1.03	mg/kg dry		3.48			22.7	200	
Copper	7.54	1.03	mg/kg dry		9.46			22.6	200	
Lead	2.61	1.55	mg/kg dry		3.00			13.9	200	
Barium	36.5	1.03	mg/kg dry		31.0			16.3	200	
Duplicate (4010433-DUP2)	Source: SA07068-01			Prepared: 09-Jan-04 Analyzed: 12-Jan-04						
Aluminum	9550	3.19	mg/kg dry		11400			17.7	200	
Antimony	BRL	3.19	mg/kg dry		BRL				200	
Iron	25000	1.06	mg/kg dry		29300			15.8	200	
Magnesium	7880	5.31	mg/kg dry		7020			11.5	200	
Manganese	408	0.212	mg/kg dry		400			1.98	200	
Nickel	20.9	1.06	mg/kg dry		23.3			10.9	200	
Potassium	371	21.2	mg/kg dry		470			23.5	200	
Selenium	BRL	3.19	mg/kg dry		BRL				200	
Silver	BRL	2.12	mg/kg dry		BRL				200	
Sodium	BRL	850	mg/kg dry		806			80.3	200	
Thallium	BRL	3.19	mg/kg dry		1.18			1.68	200	
Vanadium	12.0	1.06	mg/kg dry		13.1			8.76	200	
Zinc	47.1	1.06	mg/kg dry		43.3			8.41	200	
Arsenic	7.26	3.19	mg/kg dry		8.45			15.1	200	
Beryllium	0.510	0.425	mg/kg dry		0.490			4.00	200	
Cadmium	BRL	0.531	mg/kg dry		BRL				20	
Calcium	22900	10.6	mg/kg dry		19700			15.0	200	
Chromium	13.5	1.06	mg/kg dry		14.5			7.14	200	
Cobalt	14.5	1.06	mg/kg dry		20.3			33.3	200	
Copper	23.6	1.06	mg/kg dry		25.5			7.74	200	
Lead	4.39	1.59	mg/kg dry		BRL				200	
Barium	34.5	1.06	mg/kg dry		31.4			9.41	200	
Matrix Spike (4010433-MS1)	Source: SA07053-01			Prepared: 09-Jan-04 Analyzed: 12-Jan-04						
Aluminum	5770	3.35	mg/kg dry	112	4840	830	70-130			QM-4X
Antimony	109	3.35	mg/kg dry	112	BRL	97.3	70-130			
Iron	3020	1.12	mg/kg dry	112	2740	250	70-130			QM-4X
Magnesium	923	5.59	mg/kg dry	112	670	226	70-130			QM-4X
Manganese	155	0.224	mg/kg dry	112	42.3	101	70-130			
Nickel	116	1.12	mg/kg dry	112	5.15	99.0	70-130			
Potassium	1060	22.4	mg/kg dry	1120	255	71.9	70-130			
Selenium	120	3.35	mg/kg dry	112	BRL	107	70-130			
Silver	52.3	2.24	mg/kg dry	55.9	BRL	93.6	70-130			
Sodium	563	11.2	mg/kg dry	112	107	407	70-130			QM-4X
Thallium	105	3.35	mg/kg dry	112	2.22	91.8	70-130			
Vanadium	111	1.12	mg/kg dry	112	3.57	95.9	70-130			
Zinc	122	1.12	mg/kg dry	112	11.7	98.5	70-130			
Arsenic	113	3.35	mg/kg dry	112	BRL	101	70-130			

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010433 - EPA 200 Series										
Matrix Spike (4010433-MS1)	Source: SA07053-01			Prepared: 09-Jan-04 Analyzed: 12-Jan-04						
Beryllium	110	0.447	mg/kg dry	112	0.243	98.0	70-130			
Cadmium	107	0.559	mg/kg dry	112	BRL	95.5	70-130			
Calcium	1160	11.2	mg/kg dry	112	605	496	70-130			QM-4X
Chromium	109	1.12	mg/kg dry	112	1.79	95.7	70-130			
Cobalt	104	1.12	mg/kg dry	112	2.02	91.1	70-130			
Copper	121	1.12	mg/kg dry	112	9.99	99.1	70-130			
Lead	102	1.68	mg/kg dry	112	1.68	89.6	70-130			
Barium	129	1.12	mg/kg dry	112	12.5	104	70-130			
Matrix Spike (4010433-MS2)	Source: SA07068-02			Prepared: 09-Jan-04 Analyzed: 12-Jan-04						
Aluminum	14700	3.08	mg/kg dry	103	11700	NR	70-130			QM-02
Antimony	84.7	3.08	mg/kg dry	103	BRL	82.2	70-130			
Iron	34200	1.03	mg/kg dry	103	28800	NR	70-130			QM-02
Magnesium	5520	5.13	mg/kg dry	103	5450	68.0	70-130			QM-4X
Manganese	569	0.205	mg/kg dry	103	467	99.0	70-130			
Nickel	122	1.03	mg/kg dry	103	23.2	95.9	70-130			
Potassium	1470	20.5	mg/kg dry	1030	409	103	70-130			
Selenium	92.7	3.08	mg/kg dry	103	BRL	90.0	70-130			
Silver	43.8	2.05	mg/kg dry	51.3	BRL	85.4	70-130			
Sodium	795	20.5	mg/kg dry	103	685	107	70-130			
Thallium	90.9	3.08	mg/kg dry	103	1.63	86.7	70-130			
Vanadium	113	1.03	mg/kg dry	103	13.3	96.8	70-130			
Zinc	149	1.03	mg/kg dry	103	43.0	103	70-130			
Arsenic	110	3.08	mg/kg dry	103	9.81	97.3	70-130			
Beryllium	97.1	0.411	mg/kg dry	103	0.522	93.8	70-130			
Cadmium	89.9	0.513	mg/kg dry	103	BRL	87.3	70-130			
Calcium	25500	10.3	mg/kg dry	103	11500	NR	70-130			QM-02
Chromium	111	1.03	mg/kg dry	103	14.2	94.0	70-130			
Cobalt	106	1.03	mg/kg dry	103	12.9	90.4	70-130			
Copper	128	1.03	mg/kg dry	103	28.8	96.3	70-130			
Lead	88.6	1.54	mg/kg dry	103	2.09	84.0	70-130			
Barium	181	1.03	mg/kg dry	103	55.1	122	70-130			
Reference (4010433-SRM1)				Prepared: 09-Jan-04 Analyzed: 12-Jan-04						
Magnesium	8.58	0.0500	mg/kg wet	10.1		85.0	85-115			
Manganese	3.19	0.0020	mg/kg wet	3.22		99.1	85-115			
Nickel	0.467	0.0100	mg/kg wet	0.466		100	85-115			
Potassium	1.07	0.200	mg/kg wet	1.04		103	85-115			
Selenium	1.14	0.0300	mg/kg wet	1.10		104	85-115			
Silver	0.206	0.0200	mg/kg wet	0.211		97.6	85-115			
Thallium	0.537	0.0300	mg/kg wet	0.527		102	85-115			
Vanadium	0.634	0.0100	mg/kg wet	0.652		97.2	85-115			
Zinc	6.28	0.0100	mg/kg wet	6.36		98.7	85-115			
Arsenic	0.779	0.0300	mg/kg wet	0.694		112	85-115			
Beryllium	0.0748	0.0040	mg/kg wet	0.0660		113	85-115			
Cadmium	1.12	0.0050	mg/kg wet	1.13		99.1	85-115			
Chromium	0.498	0.0100	mg/kg wet	0.528		94.3	85-115			
Cobalt	0.130	0.0100	mg/kg wet	0.131		99.2	85-115			
Copper	0.684	0.0100	mg/kg wet	0.629		109	85-115			
Lead	1.21	0.0150	mg/kg wet	1.38		87.7	85-115			
Barium	0.118	0.0100	mg/kg wet	0.123		95.9	85-115			

General Chemistry Parameters - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010392 - General Preparation										
Duplicate (4010392-DUP1)	Source: SA07068-08			Prepared: 09-Jan-04 Analyzed: 12-Jan-04						
% Solids	82.5		%		86.3			4.50	20	
Batch 4010439 - General Preparation										
LCS (4010439-BS1)				Prepared & Analyzed: 09-Jan-04						
Cyanide (total)	3.96	1.00	mg/kg wet	10.0		39.6	90-110			QL-01
Matrix Spike (4010439-MS1)	Source: SA07068-07			Prepared & Analyzed: 09-Jan-04						
Cyanide (total)	9.89	1.12	mg/kg dry	11.2	BRL	88.3	75-125			
Matrix Spike Dup (4010439-MSD1)	Source: SA07068-07			Prepared & Analyzed: 09-Jan-04						
Cyanide (total)	11.4	1.10	mg/kg dry	11.0	BRL	104	75-125	14.2	20	
Batch 4010446 - General Preparation										
Blank (4010446-BLK1)				Prepared: 09-Jan-04 Analyzed: 10-Jan-04						
Hexavalent Chromium	BRL	10.0	mg/kg wet							
LCS (4010446-BS1)				Prepared: 09-Jan-04 Analyzed: 10-Jan-04						
Hexavalent Chromium	20.4	10.0	mg/kg wet	20.0		102	90-110			
Duplicate (4010446-DUP1)	Source: SA07068-02			Prepared: 09-Jan-04 Analyzed: 10-Jan-04						
Hexavalent Chromium	BRL	10.5	mg/kg dry		0.236			164	35	QR-01
Matrix Spike (4010446-MS1)	Source: SA07068-02			Prepared: 09-Jan-04 Analyzed: 10-Jan-04						
Hexavalent Chromium	18.8	10.4	mg/kg dry	20.7	0.236	89.7	75-125			
Reference (4010446-SRM1)				Prepared: 09-Jan-04 Analyzed: 10-Jan-04						
Hexavalent Chromium	130	23.6	mg/kg wet	141		92.2	85-115			
Batch 4010520 - General Preparation										
Blank (4010520-BLK1)				Prepared & Analyzed: 12-Jan-04						
Cyanide (total)	BRL	1.00	mg/kg wet							
LCS (4010520-BS1)				Prepared & Analyzed: 12-Jan-04						
Cyanide (total)	2.09	1.00	mg/kg wet	10.0		20.9	90-110			QM-07
Matrix Spike (4010520-MS1)	Source: SA07094-02			Prepared & Analyzed: 12-Jan-04						
Cyanide (total)	4.63	1.21	mg/kg dry	12.1	BRL	38.3	75-125			QM-07
Matrix Spike Dup (4010520-MSD1)	Source: SA07094-02			Prepared & Analyzed: 12-Jan-04						
Cyanide (total)	4.19	1.20	mg/kg dry	12.0	BRL	34.9	75-125	9.98	20	QM-07
Reference (4010520-SRM1)				Prepared & Analyzed: 12-Jan-04						
Cyanide (total)	65.3	1.00	mg/kg wet	41.1		159	40-160			

Notes and Definitions

QB-01	The method blank contains analyte at a concentration above the MRL; however, concentration is less than 10% of the sample result, which is negligible according to method criteria.
QC-1	Analyte out of acceptance range.
QL-01	Sample results for the QC batch were accepted based on LCS/LCSD percent recoveries and RPD values.
QM-02	The RPD and/or percent recovery for this QC spike sample cannot be accurately calculated due to the high concentration of analyte inherent in the sample.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM-4X	The spike recovery was outside of QC acceptance limits for the MS and/or MSD due to analyte concentration at 4 times or greater the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits.
QR-01	Analyses are not controlled on RPD values from sample concentrations less than 10 times the reporting limit. QC batch accepted based on LCS and/or LCSD QC results.
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
vext2	Field Extracted
VOC10	The VOC field preserved soil sample is not within the recommended 1:1 weight to volume ratio. This is based on SW846 methods 5030 and 5035.
VOC6	The production of Acetone and other ketones is commonly seen when using Sodium Bisulfate in the SW 846 5035A extraction technique.
BRL	Below Reporting Limit - Analyte NOT DETECTED at or above the reporting limit
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. The RDL is generally 5 to 10 times the MDL. However, it may be nominally chosen within these guidelines to simplify data reporting. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Validated by:
Hanibal C. Tayeh, Ph.D.
Nicole Brown

SAO 70685

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

ERM-Standard

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: _____
- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Ed Hinchey
ERM
5788 Widewaters Pkwy
Dewitt, NY 13214
Project Mgr.: Ed Hinchey

Invoice To: Same
WO# 2401 0415
P.O. No.: 00131272 RQN:

Project No.: 0013172
Site Name: Axiohm
Location: Ithaca State: NY
Sampler(s): Nancy Reese, CW

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH_3OH 8=$NaHSO_4$ 9= ice 10= methanol

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1=_____ X2=_____ X3=_____

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: VOCs 8260	SVOCs 8270	TAL Metals	PCBs	Cyanide	Hex Chrome	QA Reporting Notes: (check if needed)
5 70685-01	Axi B-23 (1.1-2.2)	8 Jan 04	1445	G	SO	4, 9, 10	3	1			X	X	X		X	X	State specific reporting standards *If applicable, please list below.*
-02	Axi B-24 (1.8-3.2)		1310														☐ Provide MCP CAM Report Were all field QC requirements met as per MADEP CAM Section 2.0? ☐ Yes ☐ No *(Response required for CAM report)*
-03	Axi B-28 (2-4)		1310														
-04	Axi B-29 (12-13.1)		1520											X			
-05	Axi B-30 (3-5)		1537														
-06	Axi B-31 (1-3)		1600														
-07	Axi B-32 (0-2)		1615														
-08	Axi TP11 (2)		1543	↓	↓	↓	↓	↓			↓	↓	↓		↓	↓	
↓ -09	Axi TB (8Jan04)		—	—	—	2	1				X						

☒ Fax results when available to (315) 445-2543
☐ E-mail to _____
EDD Format _____

Condition upon receipt: ☒ Iced ☐ Ambient ☐ °C 5
Cooled

Relinquished by:	Received by:	Date:	Time:
Nancy Lee Reese		8 Jan 04	1755
FedEx	Eric Mc Keon	1/9/04	1020

Report Date:
14-Jan-04 10:46

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

Laboratory Report

Environmental Resources Management
5788 Widewaters Pkwy
Dewitt, NY 13214
Attn: Ed Hinchey

Project:Axiohm - Ithaca, NY
Project #:0013172

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA07094-01	Axi B-33 (.5-2)	Soil	09-Jan-04 08:35	10-Jan-04 12:30
SA07094-02	Axi B-34 (1-3)	Soil	09-Jan-04 09:15	10-Jan-04 12:30
SA07094-03	Axi WP3	Wipe	09-Jan-04 11:55	10-Jan-04 12:30
SA07094-04	Axi B-18 (8-8.7)	Soil	09-Jan-04 13:55	10-Jan-04 12:30
SA07094-05	Axi STR1 (090104)	Surface Water	09-Jan-04 14:10	10-Jan-04 12:30
SA07094-06	Axi STR2 (090104)	Surface Water	09-Jan-04 14:20	10-Jan-04 12:30
SA07094-07	Axi SSOF (090104)	Surface Water	09-Jan-04 14:35	10-Jan-04 12:30
SA07094-08	Axi SEP1 (090104)	Surface Water	09-Jan-04 14:30	10-Jan-04 12:30
SA07094-09	Axi SEP1 (090104)	Soil	09-Jan-04 14:30	10-Jan-04 12:30
SA07094-10	Axi SEP2 (090104)	Soil	09-Jan-04 15:25	10-Jan-04 12:30
SA07094-11	Axi SEP2 (090104)	Surface Water	09-Jan-04 15:25	10-Jan-04 12:30
SA07094-12	Axi TB1 (090104)	Surface Water	09-Jan-04 00:00	10-Jan-04 12:30
SA07094-13	Axi TB2 (090104)	Surface Water	09-Jan-04 00:00	10-Jan-04 12:30
SA07094-14	Axi STR3 (090104)	Surface Water	09-Jan-04 16:00	10-Jan-04 12:30

I attest that all information contained within this report has been reviewed for accuracy and checked against all quality control requirements outlined in each applicable method and meet the requirements of NELAC.
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Massachusetts Certification # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87600
Maine # MA138
New Hampshire # 2538
New York # 11393
Rhode Island # 98
USDA # S-51435

ACCREDITED IN ACCORDANCE WITH nelac

Authorized by:

Hanibal C. Tayeh, Ph.D.
President/Laboratory Director

Please refer to our "Quality" webpage at www.spectrum-analytical.com for a full listing of our current certifications.

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-33 (.5-2) SA07094-01	0013172	Soil	09-Jan-04 08:35	10-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
VOC Extraction	Field Extracted	N/A	1	VOC	12-Jan-04	12-Jan-04	4010538	LN	
Semivolatile Organic Compounds by GC									
Polychlorinated Biphenyls by SW846 8082		Prepared by method SW846 3550B							
PCB 1016	BRL	33.1 ug/kg dry	1	SW846 8082	12-Jan-04	12-Jan-04	4010465	MP	
PCB 1221	BRL	33.1 ug/kg dry	1	"	"	"	"	"	
PCB 1232	BRL	33.1 ug/kg dry	1	"	"	"	"	"	
PCB 1242	BRL	33.1 ug/kg dry	1	"	"	"	"	"	
PCB 1248	BRL	33.1 ug/kg dry	1	"	"	"	"	"	
PCB 1254	BRL	33.1 ug/kg dry	1	"	"	"	"	"	
PCB 1260	BRL	33.1 ug/kg dry	1	"	"	"	"	"	
PCB 1262	BRL	33.1 ug/kg dry	1	"	"	"	"	"	
PCB 1268	BRL	33.1 ug/kg dry	1	"	"	"	"	"	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*95.8*	*40-140 %*		"	"	"	"	"	
Surrogate: Decachlorobiphenyl (Sr)	*71.0*	*40-140 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C		Prepared by method SW846 3550B							
Acenaphthene	BRL	96.5 ug/kg dry	1	SW846 8270C	12-Jan-04	12-Jan-04	4010458	MB	
Acenaphthylene	BRL	96.5 ug/kg dry	1	"	"	"	"	"	
Aniline	BRL	96.5 ug/kg dry	1	"	"	"	"	"	
Anthracene	BRL	96.5 ug/kg dry	1	"	"	"	"	"	
Azobenzene/Diphenyldiazine	BRL	96.5 ug/kg dry	1	"	"	"	"	"	
Benzidine	BRL	96.5 ug/kg dry	1	"	"	"	"	"	
Benzo (a) anthracene	BRL	96.5 ug/kg dry	1	"	"	"	"	"	
Benzo (a) pyrene	BRL	96.5 ug/kg dry	1	"	"	"	"	"	
Benzo (b) fluoranthene	BRL	96.5 ug/kg dry	1	"	"	"	"	"	
Benzo (g,h,i) perylene	BRL	96.5 ug/kg dry	1	"	"	"	"	"	
Benzo (k) fluoranthene	BRL	96.5 ug/kg dry	1	"	"	"	"	"	
Benzoic acid	BRL	96.5 ug/kg dry	1	"	"	"	"	"	
Benzyl alcohol	BRL	96.5 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroethoxy)methane	BRL	96.5 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroethyl)ether	BRL	96.5 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	BRL	96.5 ug/kg dry	1	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	BRL	96.5 ug/kg dry	1	"	"	"	"	"	
4-Bromophenyl phenyl ether	BRL	96.5 ug/kg dry	1	"	"	"	"	"	
Butyl benzyl phthalate	BRL	96.5 ug/kg dry	1	"	"	"	"	"	
Carbazole	BRL	96.5 ug/kg dry	1	"	"	"	"	"	
4-Chloro-3-methylphenol	BRL	96.5 ug/kg dry	1	"	"	"	"	"	
4-Chloroaniline	BRL	96.5 ug/kg dry	1	"	"	"	"	"	
2-Chloronaphthalene	BRL	96.5 ug/kg dry	1	"	"	"	"	"	
-Chlorophenol	BRL	96.5 ug/kg dry	1	"	"	"	"	"	
4-Chlorophenyl phenyl ether	BRL	96.5 ug/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-33 (.5-2) SA07094-01	0013172	Soil	09-Jan-04 08:35	10-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3550B									
Chrysene	BRL	96.5 ug/kg dry	1	"	"	"	"	"	
Dibenzo (a,h) anthracene	BRL	96.5 ug/kg dry	1	"	"	"	"	"	
Dibenzofuran	BRL	96.5 ug/kg dry	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	96.5 ug/kg dry	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	96.5 ug/kg dry	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	96.5 ug/kg dry	1	"	"	"	"	"	
3,3'-Dichlorobenzidine	BRL	96.5 ug/kg dry	1	"	"	"	"	"	
2,4-Dichlorophenol	BRL	96.5 ug/kg dry	1	"	"	"	"	"	
Diethyl phthalate	BRL	96.5 ug/kg dry	1	"	"	"	"	"	
Dimethyl phthalate	BRL	96.5 ug/kg dry	1	"	"	"	"	"	
2,4-Dimethylphenol	BRL	96.5 ug/kg dry	1	"	"	"	"	"	
Di-n-butyl phthalate	BRL	96.5 ug/kg dry	1	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	BRL	96.5 ug/kg dry	1	"	"	"	"	"	
2,4-Dinitrophenol	BRL	96.5 ug/kg dry	1	"	"	"	"	"	
2,4-Dinitrotoluene	BRL	96.5 ug/kg dry	1	"	"	"	"	"	
2,6-Dinitrotoluene	BRL	96.5 ug/kg dry	1	"	"	"	"	"	
Di-n-octyl phthalate	BRL	96.5 ug/kg dry	1	"	"	"	"	"	
Fluoranthene	BRL	96.5 ug/kg dry	1	"	"	"	"	"	
luorene	BRL	96.5 ug/kg dry	1	"	"	"	"	"	
Hexachlorobenzene	BRL	96.5 ug/kg dry	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	96.5 ug/kg dry	1	"	"	"	"	"	
Hexachlorocyclopentadiene	BRL	96.5 ug/kg dry	1	"	"	"	"	"	
Hexachloroethane	BRL	96.5 ug/kg dry	1	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	BRL	96.5 ug/kg dry	1	"	"	"	"	"	
1-Methylnaphthalene	BRL	96.4 ug/kg dry	1	"	"	"	"	"	
Isophorone	BRL	96.5 ug/kg dry	1	"	"	"	"	"	
2-Methylnaphthalene	BRL	96.5 ug/kg dry	1	"	"	"	"	"	
2-Methylphenol	BRL	96.5 ug/kg dry	1	"	"	"	"	"	
3-Methylphenol	BRL	96.5 ug/kg dry	1	"	"	"	"	"	
4-Methylphenol	BRL	96.5 ug/kg dry	1	"	"	"	"	"	
Naphthalene	BRL	96.5 ug/kg dry	1	"	"	"	"	"	
2-Nitroaniline	BRL	96.5 ug/kg dry	1	"	"	"	"	"	
3-Nitroaniline	BRL	96.5 ug/kg dry	1	"	"	"	"	"	
4-Nitroaniline	BRL	96.5 ug/kg dry	1	"	"	"	"	"	
Nitrobenzene	BRL	96.5 ug/kg dry	1	"	"	"	"	"	
2-Nitrophenol	BRL	96.5 ug/kg dry	1	"	"	"	"	"	
4-Nitrophenol	BRL	96.5 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodimethylamine	BRL	96.5 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodi-n-propylamine	BRL	96.5 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodiphenylamine	BRL	96.5 ug/kg dry	1	"	"	"	"	"	
Pentachlorophenol	BRL	96.5 ug/kg dry	1	"	"	"	"	"	
Phenanthrene	BRL	96.5 ug/kg dry	1	"	"	"	"	"	

This laboratory report is not valid without an authorized signature on the cover page.

*Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-33 (.5-2) SA07094-01	0013172	Soil	09-Jan-04 08:35	10-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3550B									
Phenol	BRL	96.5 ug/kg dry	1	"	"	"	"	"	
Pyrene	BRL	96.5 ug/kg dry	1	"	"	"	"	"	
Pyridine	BRL	96.5 ug/kg dry	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	96.5 ug/kg dry	1	"	"	"	"	"	
2,4,5-Trichlorophenol	BRL	96.5 ug/kg dry	1	"	"	"	"	"	
2,4,6-Trichlorophenol	BRL	96.5 ug/kg dry	1	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl	*53.9*	*30-130 %*		"	"	"	"	"	
Surrogate: 2-Fluorophenol	*49.4*	*15-110 %*		"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*46.9*	*30-130 %*		"	"	"	"	"	
Surrogate: Phenol-d5	*57.1*	*15-110 %*		"	"	"	"	"	
Surrogate: Terphenyl-dl4	*57.3*	*30-130 %*		"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol	*56.6*	*15-110 %*		"	"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods, Prepared by SW846 3050B									
Mercury	BRL	0.197 mg/kg dry	1	SW846 7471A	12-Jan-04	13-Jan-04	4010507	YP	
Total Metals by EPA 200 Series Methods									
Silver	BRL	1.97 mg/kg dry	1	EPA 200.7	"	12-Jan-04	4010505	CR	
Aluminum	11,000	2.95 mg/kg dry	1	"	"	"	"	"	
Arsenic	6.43	2.95 mg/kg dry	1	"	"	"	"	"	
Barium	39.7	0.985 mg/kg dry	1	"	"	"	"	"	
Beryllium	0.502	0.394 mg/kg dry	1	"	"	"	"	"	
Calcium	15,200	9.85 mg/kg dry	1	"	"	"	"	"	
Cadmium	BRL	0.492 mg/kg dry	1	"	"	"	"	"	
Cobalt	7.22	0.985 mg/kg dry	1	"	"	"	"	"	
Chromium	14.4	0.985 mg/kg dry	1	"	"	"	"	"	
Copper	22.0	0.985 mg/kg dry	1	"	"	"	"	"	
Iron	25,800	0.985 mg/kg dry	1	"	"	"	"	"	
Potassium	711	19.7 mg/kg dry	1	"	"	"	"	"	
Magnesium	4,820	4.92 mg/kg dry	1	"	"	"	"	"	
Manganese	324	0.197 mg/kg dry	1	"	"	"	"	"	
Sodium	BRL	714 mg/kg dry	1	"	"	"	"	"	
Nickel	17.1	0.985 mg/kg dry	1	"	"	"	"	"	
Lead	4.00	1.48 mg/kg dry	1	"	"	"	"	"	
Antimony	BRL	2.95 mg/kg dry	1	"	"	"	"	"	
Selenium	BRL	2.95 mg/kg dry	1	"	"	"	"	"	
Thallium	BRL	2.95 mg/kg dry	1	"	"	"	"	"	
Vanadium	18.7	0.985 mg/kg dry	1	"	"	"	"	"	
Zinc	49.5	0.985 mg/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-33 (.5-2) SA07094-01	0013172	Soil	09-Jan-04 08:35	10-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Toxicity Characteristics									
pH	9.09	pH Units	1	SW846 9045	12-Jan-04 14:30	12-Jan-04	4010539	LN	
General Chemistry Parameters									
% Solids	87.3	%	1	SM2540 G Mod.	12-Jan-04	13-Jan-04	4010504	LN	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-33 (.5-2)	0013172	Soil	09-Jan-04 08:35	10-Jan-04
SA07094-01RE1				

Analyte(s)	*Result*	*RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5035A							
Acetone	BRL	69.8 ug/kg dry	1	SW 846 8260B	12-Jan-04	13-Jan-04	4010560	tr	
Acrylonitrile	BRL	3.49 ug/kg dry	1	"	"	"	"	"	
Benzene	BRL	3.49 ug/kg dry	1	"	"	"	"	"	
Bromobenzene	BRL	3.49 ug/kg dry	1	"	"	"	"	"	
Bromochloromethane	BRL	3.49 ug/kg dry	1	"	"	"	"	"	
Bromodichloromethane	BRL	3.49 ug/kg dry	1	"	"	"	"	"	
Bromoform	BRL	3.49 ug/kg dry	1	"	"	"	"	"	
Bromomethane	BRL	6.98 ug/kg dry	1	"	"	"	"	"	
2-Butanone (MEK)	BRL	34.9 ug/kg dry	1	"	"	"	"	"	
n-Butylbenzene	BRL	3.49 ug/kg dry	1	"	"	"	"	"	
sec-Butylbenzene	BRL	3.49 ug/kg dry	1	"	"	"	"	"	
tert-Butylbenzene	BRL	3.49 ug/kg dry	1	"	"	"	"	"	
Carbon disulfide	BRL	17.5 ug/kg dry	1	"	"	"	"	"	
Carbon tetrachloride	BRL	3.49 ug/kg dry	1	"	"	"	"	"	
Chlorobenzene	BRL	3.49 ug/kg dry	1	"	"	"	"	"	
Chloroethane	BRL	6.98 ug/kg dry	1	"	"	"	"	"	
Chloroform	BRL	3.49 ug/kg dry	1	"	"	"	"	"	
Chloromethane	BRL	6.98 ug/kg dry	1	"	"	"	"	"	
2-Chlorotoluene	BRL	3.49 ug/kg dry	1	"	"	"	"	"	
4-Chlorotoluene	BRL	3.49 ug/kg dry	1	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	6.98 ug/kg dry	1	"	"	"	"	"	
Dibromochloromethane	BRL	3.49 ug/kg dry	1	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	3.49 ug/kg dry	1	"	"	"	"	"	
Dibromomethane	BRL	3.49 ug/kg dry	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	3.49 ug/kg dry	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	3.49 ug/kg dry	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	3.49 ug/kg dry	1	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	6.98 ug/kg dry	1	"	"	"	"	"	
1,1-Dichloroethane	BRL	3.49 ug/kg dry	1	"	"	"	"	"	
1,2-Dichloroethane	BRL	3.49 ug/kg dry	1	"	"	"	"	"	
1,1-Dichloroethene	BRL	3.49 ug/kg dry	1	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	3.49 ug/kg dry	1	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	3.49 ug/kg dry	1	"	"	"	"	"	
1,2-Dichloropropane	BRL	3.49 ug/kg dry	1	"	"	"	"	"	
1,3-Dichloropropane	BRL	3.49 ug/kg dry	1	"	"	"	"	"	
2,2-Dichloropropane	BRL	3.49 ug/kg dry	1	"	"	"	"	"	
1,1-Dichloropropene	BRL	3.49 ug/kg dry	1	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	3.49 ug/kg dry	1	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	3.49 ug/kg dry	1	"	"	"	"	"	
Ethylbenzene	BRL	3.49 ug/kg dry	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	3.49 ug/kg dry	1	"	"	"	"	"	
2-Hexanone (MBK)	BRL	34.9 ug/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-33 (.5-2) SA07094-01RE1	0013172	Soil	09-Jan-04 08:35	10-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5035A							
Isopropylbenzene	BRL	3.49 ug/kg dry	1	"	"	"	"	"	
4-Isopropyltoluene	BRL	3.49 ug/kg dry	1	"	"	"	"	"	
Methyl tert-butyl ether	BRL	3.49 ug/kg dry	1	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	34.9 ug/kg dry	1	"	"	"	"	"	
Methylene chloride	BRL	34.9 ug/kg dry	1	"	"	"	"	"	
Naphthalene	BRL	3.49 ug/kg dry	1	"	"	"	"	"	
n-Propylbenzene	BRL	3.49 ug/kg dry	1	"	"	"	"	"	
Styrene	BRL	3.49 ug/kg dry	1	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	3.49 ug/kg dry	1	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	3.49 ug/kg dry	1	"	"	"	"	"	
Tetrachloroethene	BRL	3.49 ug/kg dry	1	"	"	"	"	"	
Toluene	BRL	3.49 ug/kg dry	1	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	3.49 ug/kg dry	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	3.49 ug/kg dry	1	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	3.49 ug/kg dry	1	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	3.49 ug/kg dry	1	"	"	"	"	"	
Trichloroethene	BRL	3.49 ug/kg dry	1	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	3.49 ug/kg dry	1	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	3.49 ug/kg dry	1	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	3.49 ug/kg dry	1	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	3.49 ug/kg dry	1	"	"	"	"	"	
Vinyl chloride	BRL	3.49 ug/kg dry	1	"	"	"	"	"	
m,p-Xylene	BRL	6.98 ug/kg dry	1	"	"	"	"	"	
o-Xylene	BRL	3.49 ug/kg dry	1	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*90.6*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*96.8*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*103*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*102*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-34 (1-3) SA07094-02	0013172	Soil	09-Jan-04 09:15	10-Jan-04

Analyte(s)	*Result*	*RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
VOC Extraction	Field Extracted	N/A	1	VOC	12-Jan-04	12-Jan-04	4010538	LN	
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Acetone	BRL	819 ug/kg dry	50	SW 846 8260B	12-Jan-04	12-Jan-04	4010490	kp	
Acrylonitrile	BRL	40.9 ug/kg dry	50	"	"	"	"	"	
Benzene	BRL	40.9 ug/kg dry	50	"	"	"	"	"	
Bromobenzene	BRL	40.9 ug/kg dry	50	"	"	"	"	"	
Bromochloromethane	BRL	40.9 ug/kg dry	50	"	"	"	"	"	
Bromodichloromethane	BRL	40.9 ug/kg dry	50	"	"	"	"	"	
Bromoform	BRL	40.9 ug/kg dry	50	"	"	"	"	"	
Bromomethane	BRL	81.9 ug/kg dry	50	"	"	"	"	"	
2-Butanone (MEK)	BRL	409 ug/kg dry	50	"	"	"	"	"	
n-Butylbenzene	BRL	40.9 ug/kg dry	50	"	"	"	"	"	
sec-Butylbenzene	BRL	40.9 ug/kg dry	50	"	"	"	"	"	
tert-Butylbenzene	BRL	40.9 ug/kg dry	50	"	"	"	"	"	
Carbon disulfide	BRL	205 ug/kg dry	50	"	"	"	"	"	
Carbon tetrachloride	BRL	40.9 ug/kg dry	50	"	"	"	"	"	
Chlorobenzene	BRL	40.9 ug/kg dry	50	"	"	"	"	"	
Chloroethane	BRL	81.9 ug/kg dry	50	"	"	"	"	"	
Chloroform	BRL	40.9 ug/kg dry	50	"	"	"	"	"	
Chloromethane	BRL	81.9 ug/kg dry	50	"	"	"	"	"	
2-Chlorotoluene	BRL	40.9 ug/kg dry	50	"	"	"	"	"	
4-Chlorotoluene	BRL	40.9 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	81.9 ug/kg dry	50	"	"	"	"	"	
Dibromochloromethane	BRL	40.9 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	40.9 ug/kg dry	50	"	"	"	"	"	
Dibromomethane	BRL	40.9 ug/kg dry	50	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	40.9 ug/kg dry	50	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	40.9 ug/kg dry	50	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	40.9 ug/kg dry	50	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	81.9 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethane	162	40.9 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloroethane	BRL	40.9 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethene	BRL	40.9 ug/kg dry	50	"	"	"	"	"	
cis-1,2-Dichloroethene	838	40.9 ug/kg dry	50	"	"	"	"	"	
trans-1,2-Dichloroethene	42.6	40.9 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloropropane	BRL	40.9 ug/kg dry	50	"	"	"	"	"	
1,3-Dichloropropane	BRL	40.9 ug/kg dry	50	"	"	"	"	"	
2,2-Dichloropropane	BRL	40.9 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloropropene	BRL	40.9 ug/kg dry	50	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	40.9 ug/kg dry	50	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	40.9 ug/kg dry	50	"	"	"	"	"	
Ethylbenzene	BRL	40.9 ug/kg dry	50	"	"	"	"	"	
Hexachlorobutadiene	BRL	40.9 ug/kg dry	50	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-34 (1-3) A07094-02	0013172	Soil	09-Jan-04 09:15	10-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
2-Hexanone (MBK)	BRL	409 ug/kg dry	50	"	"	"	"	"	
Isopropylbenzene	BRL	40.9 ug/kg dry	50	"	"	"	"	"	
4-Isopropyltoluene	BRL	40.9 ug/kg dry	50	"	"	"	"	"	
Methyl tert-butyl ether	BRL	40.9 ug/kg dry	50	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	409 ug/kg dry	50	"	"	"	"	"	
Methylene chloride	BRL	409 ug/kg dry	50	"	"	"	"	"	
Naphthalene	BRL	40.9 ug/kg dry	50	"	"	"	"	"	
n-Propylbenzene	BRL	40.9 ug/kg dry	50	"	"	"	"	"	
Styrene	BRL	40.9 ug/kg dry	50	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	40.9 ug/kg dry	50	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	40.9 ug/kg dry	50	"	"	"	"	"	
Tetrachloroethene	BRL	40.9 ug/kg dry	50	"	"	"	"	"	
Toluene	BRL	40.9 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	40.9 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	40.9 ug/kg dry	50	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	40.9 ug/kg dry	50	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	40.9 ug/kg dry	50	"	"	"	"	"	
Trichloroethene	176	40.9 ug/kg dry	50	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	40.9 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	40.9 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	40.9 ug/kg dry	50	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	40.9 ug/kg dry	50	"	"	"	"	"	
Vinyl chloride	BRL	40.9 ug/kg dry	50	"	"	"	"	"	
m,p-Xylene	BRL	81.9 ug/kg dry	50	"	"	"	"	"	
o-Xylene	BRL	40.9 ug/kg dry	50	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*86.3*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*98.3*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*92.7*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*100*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-34 (1-3)	0013172	Soil	09-Jan-04 09:15	10-Jan-04
3A07094-02				

Analyte(s)	*Result*	*RDL/Units	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3550B									
Acenaphthene	BRL	117 ug/kg dry	1	SW846 8270C	12-Jan-04	12-Jan-04	4010458	M.B	
Acenaphthylene	BRL	117 ug/kg dry	1	"	"	"	"	"	
Aniline	BRL	117 ug/kg dry	1	"	"	"	"	"	
Anthracene	BRL	117 ug/kg dry	1	"	"	"	"	"	
Azobenzene/Diphenyldiazine	BRL	117 ug/kg dry	1	"	"	"	"	"	
Benzidine	BRL	117 ug/kg dry	1	"	"	"	"	"	
Benzo (a) anthracene	BRL	117 ug/kg dry	1	"	"	"	"	"	
Benzo (a) pyrene	BRL	117 ug/kg dry	1	"	"	"	"	"	
Benzo (b) fluoranthene	BRL	117 ug/kg dry	1	"	"	"	"	"	
Benzo (g,h,i) perylene	BRL	117 ug/kg dry	1	"	"	"	"	"	
Benzo (k) fluoranthene	BRL	117 ug/kg dry	1	"	"	"	"	"	
Benzoic acid	BRL	117 ug/kg dry	1	"	"	"	"	"	
Benzyl alcohol	BRL	117 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroethoxy)methane	BRL	117 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroethyl)ether	BRL	117 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	BRL	117 ug/kg dry	1	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	BRL	117 ug/kg dry	1	"	"	"	"	"	
4-Bromophenyl phenyl ether	BRL	117 ug/kg dry	1	"	"	"	"	"	
Butyl benzyl phthalate	BRL	117 ug/kg dry	1	"	"	"	"	"	
Carbazole	BRL	117 ug/kg dry	1	"	"	"	"	"	
4-Chloro-3-methylphenol	BRL	117 ug/kg dry	1	"	"	"	"	"	
4-Chloroaniline	BRL	117 ug/kg dry	1	"	"	"	"	"	
2-Chloronaphthalene	BRL	117 ug/kg dry	1	"	"	"	"	"	
2-Chlorophenol	BRL	117 ug/kg dry	1	"	"	"	"	"	
4-Chlorophenyl phenyl ether	BRL	117 ug/kg dry	1	"	"	"	"	"	
Chrysene	BRL	117 ug/kg dry	1	"	"	"	"	"	
Dibenzo (a,h) anthracene	BRL	117 ug/kg dry	1	"	"	"	"	"	
Dibenzofuran	BRL	117 ug/kg dry	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	117 ug/kg dry	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	117 ug/kg dry	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	117 ug/kg dry	1	"	"	"	"	"	
3,3'-Dichlorobenzidine	BRL	117 ug/kg dry	1	"	"	"	"	"	
2,4-Dichlorophenol	BRL	117 ug/kg dry	1	"	"	"	"	"	
Diethyl phthalate	BRL	117 ug/kg dry	1	"	"	"	"	"	
Dimethyl phthalate	BRL	117 ug/kg dry	1	"	"	"	"	"	
2,4-Dimethylphenol	BRL	117 ug/kg dry	1	"	"	"	"	"	
Di-n-butyl phthalate	BRL	117 ug/kg dry	1	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	BRL	117 ug/kg dry	1	"	"	"	"	"	
2,4-Dinitrophenol	BRL	117 ug/kg dry	1	"	"	"	"	"	
2,4-Dinitrotoluene	BRL	117 ug/kg dry	1	"	"	"	"	"	
2,6-Dinitrotoluene	BRL	117 ug/kg dry	1	"	"	"	"	"	
Di-n-octyl phthalate	BRL	117 ug/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-34 (1-3) A07094-02	0013172	Soil	09-Jan-04 09:15	10-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3550B									
Fluoranthene	BRL	117 ug/kg dry	1	"	"	"	"	"	
Fluorene	BRL	117 ug/kg dry	1	"	"	"	"	"	
Hexachlorobenzene	BRL	117 ug/kg dry	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	117 ug/kg dry	1	"	"	"	"	"	
Hexachlorocyclopentadiene	BRL	117 ug/kg dry	1	"	"	"	"	"	
Hexachloroethane	BRL	117 ug/kg dry	1	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	BRL	117 ug/kg dry	1	"	"	"	"	"	
1-Methylnaphthalene	BRL	116 ug/kg dry	1	"	"	"	"	"	
Isophorone	BRL	117 ug/kg dry	1	"	"	"	"	"	
2-Methylnaphthalene	BRL	117 ug/kg dry	1	"	"	"	"	"	
2-Methylphenol	BRL	117 ug/kg dry	1	"	"	"	"	"	
3-Methylphenol	BRL	117 ug/kg dry	1	"	"	"	"	"	
4-Methylphenol	BRL	117 ug/kg dry	1	"	"	"	"	"	
Naphthalene	BRL	117 ug/kg dry	1	"	"	"	"	"	
2-Nitroaniline	BRL	117 ug/kg dry	1	"	"	"	"	"	
3-Nitroaniline	BRL	117 ug/kg dry	1	"	"	"	"	"	
4-Nitroaniline	BRL	117 ug/kg dry	1	"	"	"	"	"	
Nitrobenzene	BRL	117 ug/kg dry	1	"	"	"	"	"	
2-Nitrophenol	BRL	117 ug/kg dry	1	"	"	"	"	"	
4-Nitrophenol	BRL	117 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodimethylamine	BRL	117 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodi-n-propylamine	BRL	117 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodiphenylamine	BRL	117 ug/kg dry	1	"	"	"	"	"	
Pentachlorophenol	BRL	117 ug/kg dry	1	"	"	"	"	"	
Phenanthrene	BRL	117 ug/kg dry	1	"	"	"	"	"	
Phenol	BRL	117 ug/kg dry	1	"	"	"	"	"	
Pyrene	BRL	117 ug/kg dry	1	"	"	"	"	"	
Pyridine	BRL	117 ug/kg dry	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	117 ug/kg dry	1	"	"	"	"	"	
2,4,5-Trichlorophenol	BRL	117 ug/kg dry	1	"	"	"	"	"	
2,4,6-Trichlorophenol	BRL	117 ug/kg dry	1	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl	*67.7*	*30-130 %*		"	"	"	"	"	
Surrogate: 2-Fluorophenol	*57.6*	*15-110 %*		"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*60.7*	*30-130 %*		"	"	"	"	"	
Surrogate: Phenol-d5	*65.5*	*15-110 %*		"	"	"	"	"	
Surrogate: Terphenyl-d14	*63.9*	*30-130 %*		"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol	*62.7*	*15-110 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-34 (1-3) *A07094-02	0013172	Soil	09-Jan-04 09:15	10-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Total Metals by EPA 6000/7000 Series Methods, Prepared by SW846 3050B									
Mercury	BRL	0.199 mg/kg dry	1	SW846 7471A	12-Jan-04	13-Jan-04	4010507	YP	
Total Metals by EPA 200 Series Methods									
Silver	BRL	2.29 mg/kg dry	1	EPA 200.7	"	12-Jan-04	4010505	CR	
Aluminum	16,300	3.43 mg/kg dry	1	"	"	"	"	"	
Arsenic	7.75	3.43 mg/kg dry	1	"	"	"	"	"	
Barium	88.9	1.14 mg/kg dry	1	"	"	"	"	"	
Beryllium	0.789	0.457 mg/kg dry	1	"	"	"	"	"	
Calcium	37,300	11.4 mg/kg dry	1	"	"	"	"	"	
Cadmium	BRL	0.572 mg/kg dry	1	"	"	"	"	"	
Cobalt	11.4	1.14 mg/kg dry	1	"	"	"	"	"	
Chromium	19.9	1.14 mg/kg dry	1	"	"	"	"	"	
Copper	24.0	1.14 mg/kg dry	1	"	"	"	"	"	
Iron	33,800	1.14 mg/kg dry	1	"	"	"	"	"	
Potassium	2,450	22.9 mg/kg dry	1	"	"	"	"	"	
Magnesium	12,700	5.72 mg/kg dry	1	"	"	"	"	"	
Manganese	1,080	0.229 mg/kg dry	1	"	"	"	"	"	
Sodium	BRL	829 mg/kg dry	1	"	"	"	"	"	
Nickel	28.4	1.14 mg/kg dry	1	"	"	"	"	"	
Lead	3.96	1.72 mg/kg dry	1	"	"	"	"	"	
Antimony	BRL	3.43 mg/kg dry	1	"	"	"	"	"	
Selenium	BRL	3.43 mg/kg dry	1	"	"	"	"	"	
Thallium	BRL	3.43 mg/kg dry	1	"	"	"	"	"	
Vanadium	24.5	1.14 mg/kg dry	1	"	"	"	"	"	
Zinc	54.5	1.14 mg/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-34 (1-3) A07094-02	0013172	Soil	09-Jan-04 09:15	10-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
General Chemistry Parameters									
% Solids	82.5	%	1	SM2540 G Mod.	12-Jan-04	13-Jan-04	4010504	LN	
Hexavalent Chromium	BRL	11.5 mg/kg dry	1	SW846 3060A	10-Jan-04	12-Jan-04	4010493	AJ	
Cyanide (total)	BRL	1.21 mg/kg dry	1	10-204-00-1-A	12-Jan-04	12-Jan-04	4010520	AW	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi WP3	0013172	Wipe	09-Jan-04 11:55	10-Jan-04
'A07094-03				

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GC									
Polychlorinated Biphenyls by SW846 8082		Prepared by method SW846 3510C							
PCB 1016	BRL	0.250 ug/Wipe	1	SW846 8082	12-Jan-04	13-Jan-04	4010487	HT	
PCB 1221	BRL	0.250 ug/Wipe	1	"	"	"	"	"	
PCB 1232	BRL	0.250 ug/Wipe	1	"	"	"	"	"	
PCB 1242	BRL	0.250 ug/Wipe	1	"	"	"	"	"	
PCB 1248	BRL	0.250 ug/Wipe	1	"	"	"	"	"	
PCB 1254	0.564	0.250 ug/Wipe	1	"	"	"	"	"	
PCB 1260	BRL	0.250 ug/Wipe	1	"	"	"	"	"	
PCB 1262	BRL	0.250 ug/Wipe	1	"	"	"	"	"	
PCB 1268	BRL	0.250 ug/Wipe	1	"	"	"	"	"	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*66.8*	*40-140 %*		"	"	"	"	"	
Surrogate: Decachlorobiphenyl (Sr)	*52.0*	*40-140 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-18 (8-8.7) A07094-04	0013172	Soil	09-Jan-04 13:55	10-Jan-04

Analyte(s)	*Result*	*RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
VOC Extraction	Field Extracted	N/A	1	VOC	12-Jan-04	12-Jan-04	4010538	LN	
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							R-05
Acetone	BRL	1930 ug/kg dry	100	SW 846 8260B	12-Jan-04	12-Jan-04	4010490	kp	
Acrylonitrile	BRL	96.3 ug/kg dry	100	"	"	"	"	"	
Benzene	BRL	96.3 ug/kg dry	100	"	"	"	"	"	
Bromobenzene	BRL	96.3 ug/kg dry	100	"	"	"	"	"	
Bromochloromethane	BRL	96.3 ug/kg dry	100	"	"	"	"	"	
Bromodichloromethane	BRL	96.3 ug/kg dry	100	"	"	"	"	"	
Bromoform	BRL	96.3 ug/kg dry	100	"	"	"	"	"	
Bromomethane	BRL	193 ug/kg dry	100	"	"	"	"	"	
2-Butanone (MEK)	BRL	963 ug/kg dry	100	"	"	"	"	"	
n-Butylbenzene	1,550	96.3 ug/kg dry	100	"	"	"	"	"	
sec-Butylbenzene	494	96.3 ug/kg dry	100	"	"	"	"	"	
tert-Butylbenzene	BRL	96.3 ug/kg dry	100	"	"	"	"	"	
Carbon disulfide	BRL	481 ug/kg dry	100	"	"	"	"	"	
Carbon tetrachloride	BRL	96.3 ug/kg dry	100	"	"	"	"	"	
Chlorobenzene	BRL	96.3 ug/kg dry	100	"	"	"	"	"	
Chloroethane	BRL	193 ug/kg dry	100	"	"	"	"	"	
hloroform	BRL	96.3 ug/kg dry	100	"	"	"	"	"	
nloromethane	BRL	193 ug/kg dry	100	"	"	"	"	"	
2-Chlorotoluene	BRL	96.3 ug/kg dry	100	"	"	"	"	"	
4-Chlorotoluene	BRL	96.3 ug/kg dry	100	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	193 ug/kg dry	100	"	"	"	"	"	
Dibromochloromethane	BRL	96.3 ug/kg dry	100	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	96.3 ug/kg dry	100	"	"	"	"	"	
Dibromomethane	BRL	96.3 ug/kg dry	100	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	96.3 ug/kg dry	100	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	96.3 ug/kg dry	100	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	96.3 ug/kg dry	100	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	193 ug/kg dry	100	"	"	"	"	"	
1,1-Dichloroethane	BRL	96.3 ug/kg dry	100	"	"	"	"	"	
1,2-Dichloroethane	BRL	96.3 ug/kg dry	100	"	"	"	"	"	
1,1-Dichloroethene	BRL	96.3 ug/kg dry	100	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	96.3 ug/kg dry	100	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	96.3 ug/kg dry	100	"	"	"	"	"	
1,2-Dichloropropane	BRL	96.3 ug/kg dry	100	"	"	"	"	"	
1,3-Dichloropropane	BRL	96.3 ug/kg dry	100	"	"	"	"	"	
2,2-Dichloropropane	BRL	96.3 ug/kg dry	100	"	"	"	"	"	
1,1-Dichloropropene	BRL	96.3 ug/kg dry	100	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	96.3 ug/kg dry	100	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	96.3 ug/kg dry	100	"	"	"	"	"	
thylbenzene	BRL	96.3 ug/kg dry	100	"	"	"	"	"	
xachlorobutadiene	BRL	96.3 ug/kg dry	100	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-18 (8-8.7) A07094-04	0013172	Soil	09-Jan-04 13:55	10-Jan-04

Analyte(s)	*Result*	*RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							R-05
2-Hexanone (MBK)	BRL	963 ug/kg dry	100	"	"	"	"	"	
Isopropylbenzene	107	96.3 ug/kg dry	100	"	"	"	"	"	
4-Isopropyltoluene	193	96.3 ug/kg dry	100	"	"	"	"	"	
Methyl tert-butyl ether	BRL	96.3 ug/kg dry	100	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	963 ug/kg dry	100	"	"	"	"	"	
Methylene chloride	BRL	963 ug/kg dry	100	"	"	"	"	"	
Naphthalene	BRL	96.3 ug/kg dry	100	"	"	"	"	"	
n-Propylbenzene	271	96.3 ug/kg dry	100	"	"	"	"	"	
Styrene	BRL	96.3 ug/kg dry	100	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	96.3 ug/kg dry	100	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	96.3 ug/kg dry	100	"	"	"	"	"	
Tetrachloroethene	BRL	96.3 ug/kg dry	100	"	"	"	"	"	
Toluene	BRL	96.3 ug/kg dry	100	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	96.3 ug/kg dry	100	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	96.3 ug/kg dry	100	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	96.3 ug/kg dry	100	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	96.3 ug/kg dry	100	"	"	"	"	"	
Trichloroethene	BRL	96.3 ug/kg dry	100	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	96.3 ug/kg dry	100	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	96.3 ug/kg dry	100	"	"	"	"	"	
1,2,4-Trimethylbenzene	717	96.3 ug/kg dry	100	"	"	"	"	"	
1,3,5-Trimethylbenzene	206	96.3 ug/kg dry	100	"	"	"	"	"	
Vinyl chloride	BRL	96.3 ug/kg dry	100	"	"	"	"	"	
m,p-Xylene	BRL	193 ug/kg dry	100	"	"	"	"	"	
o-Xylene	BRL	96.3 ug/kg dry	100	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*93.0*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*100*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*94.3*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*100*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-18 (8-8.7) A07094-04	0013172	Soil	09-Jan-04 13:55	10-Jan-04

Analyte(s)	*Result*	*RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GC									
Polychlorinated Biphenyls by SW846 8082		Prepared by method SW846 3550B							
PCB 1016	BRL	38.0 ug/kg dry	1	SW846 8082	12-Jan-04	12-Jan-04	4010465	MP	
PCB 1221	BRL	38.0 ug/kg dry	1	"	"	"	"	"	
PCB 1232	BRL	38.0 ug/kg dry	1	"	"	"	"	"	
PCB 1242	BRL	38.0 ug/kg dry	1	"	"	"	"	"	
PCB 1248	BRL	38.0 ug/kg dry	1	"	"	"	"	"	
PCB 1254	BRL	38.0 ug/kg dry	1	"	"	"	"	"	
PCB 1260	BRL	38.0 ug/kg dry	1	"	"	"	"	"	
PCB 1262	BRL	38.0 ug/kg dry	1	"	"	"	"	"	
PCB 1268	BRL	38.0 ug/kg dry	1	"	"	"	"	"	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*109*	*40-140 %*		"	"	"	"	"	
Surrogate: Decachlorobiphenyl (Sr)	*138*	*40-140 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C		Prepared by method SW846 3550B							
Acenaphthene	BRL	119 ug/kg dry	1	SW846 8270C	12-Jan-04	13-Jan-04	4010458	MB	
Acenaphthylene	BRL	119 ug/kg dry	1	"	"	"	"	"	
Aniline	BRL	119 ug/kg dry	1	"	"	"	"	"	
Anthracene	BRL	119 ug/kg dry	1	"	"	"	"	"	
Azobenzene/Diphenyldiazine	BRL	119 ug/kg dry	1	"	"	"	"	"	
Benzidine	BRL	119 ug/kg dry	1	"	"	"	"	"	
Benzo (a) anthracene	BRL	119 ug/kg dry	1	"	"	"	"	"	
Benzo (a) pyrene	BRL	119 ug/kg dry	1	"	"	"	"	"	
Benzo (b) fluoranthene	BRL	119 ug/kg dry	1	"	"	"	"	"	
Benzo (g,h,i) perylene	BRL	119 ug/kg dry	1	"	"	"	"	"	
Benzo (k) fluoranthene	BRL	119 ug/kg dry	1	"	"	"	"	"	
Benzoic acid	BRL	119 ug/kg dry	1	"	"	"	"	"	
Benzyl alcohol	BRL	119 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroethoxy)methane	BRL	119 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroethyl)ether	BRL	119 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	BRL	119 ug/kg dry	1	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	BRL	119 ug/kg dry	1	"	"	"	"	"	
4-Bromophenyl phenyl ether	BRL	119 ug/kg dry	1	"	"	"	"	"	
Butyl benzyl phthalate	BRL	119 ug/kg dry	1	"	"	"	"	"	
Carbazole	BRL	119 ug/kg dry	1	"	"	"	"	"	
4-Chloro-3-methylphenol	BRL	119 ug/kg dry	1	"	"	"	"	"	
4-Chloroaniline	BRL	119 ug/kg dry	1	"	"	"	"	"	
2-Chloronaphthalene	BRL	119 ug/kg dry	1	"	"	"	"	"	
2-Chlorophenol	BRL	119 ug/kg dry	1	"	"	"	"	"	
4-Chlorophenyl phenyl ether	BRL	119 ug/kg dry	1	"	"	"	"	"	
Chrysene	BRL	119 ug/kg dry	1	"	"	"	"	"	
Dibenzo (a,h) anthracene	BRL	119 ug/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-18 (8-8.7) A07094-04	0013172	Soil	09-Jan-04 13:55	10-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3550B									
Dibenzofuran	BRL	119 ug/kg dry	1						
1,2-Dichlorobenzene	BRL	119 ug/kg dry	1						
1,3-Dichlorobenzene	BRL	119 ug/kg dry	1						
1,4-Dichlorobenzene	BRL	119 ug/kg dry	1						
3,3'-Dichlorobenzidine	BRL	119 ug/kg dry	1						
2,4-Dichlorophenol	BRL	119 ug/kg dry	1						
Diethyl phthalate	BRL	119 ug/kg dry	1						
Dimethyl phthalate	BRL	119 ug/kg dry	1						
2,4-Dimethylphenol	BRL	119 ug/kg dry	1						
Di-n-butyl phthalate	BRL	119 ug/kg dry	1						
4,6-Dinitro-2-methylphenol	BRL	119 ug/kg dry	1						
2,4-Dinitrophenol	BRL	119 ug/kg dry	1						
2,4-Dinitrotoluene	BRL	119 ug/kg dry	1						
2,6-Dinitrotoluene	BRL	119 ug/kg dry	1						
Di-n-octyl phthalate	BRL	119 ug/kg dry	1						
Fluoranthene	BRL	119 ug/kg dry	1						
Fluorene	BRL	119 ug/kg dry	1						
Hexachlorobenzene	BRL	119 ug/kg dry	1						
Hexachlorobutadiene	BRL	119 ug/kg dry	1						
Hexachlorocyclopentadiene	BRL	119 ug/kg dry	1						
Hexachloroethane	BRL	119 ug/kg dry	1						
Indeno (1,2,3-cd) pyrene	BRL	119 ug/kg dry	1						
1-Methylnaphthalene	BRL	119 ug/kg dry	1						
Isophorone	BRL	119 ug/kg dry	1						
2-Methylnaphthalene	BRL	119 ug/kg dry	1						
2-Methylphenol	BRL	119 ug/kg dry	1						
3-Methylphenol	BRL	119 ug/kg dry	1						
4-Methylphenol	BRL	119 ug/kg dry	1						
Naphthalene	BRL	119 ug/kg dry	1						
2-Nitroaniline	BRL	119 ug/kg dry	1						
3-Nitroaniline	BRL	119 ug/kg dry	1						
4-Nitroaniline	BRL	119 ug/kg dry	1						
Nitrobenzene	BRL	119 ug/kg dry	1						
2-Nitrophenol	BRL	119 ug/kg dry	1						
4-Nitrophenol	BRL	119 ug/kg dry	1						
N-Nitrosodimethylamine	BRL	119 ug/kg dry	1						
N-Nitrosodi-n-propylamine	BRL	119 ug/kg dry	1						
N-Nitrosodiphenylamine	BRL	119 ug/kg dry	1						
Pentachlorophenol	BRL	119 ug/kg dry	1						
Phenanthrene	BRL	119 ug/kg dry	1						
Phenol	BRL	119 ug/kg dry	1						
Pyrene	BRL	119 ug/kg dry	1						

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-18 (8-8.7) A07094-04	0013172	Soil	09-Jan-04 13:55	10-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C	Prepared by method SW846 3550B								
Pyridine	BRL	119 ug/kg dry	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	119 ug/kg dry	1	"	"	"	"	"	
2,4,5-Trichlorophenol	BRL	119 ug/kg dry	1	"	"	"	"	"	
2,4,6-Trichlorophenol	BRL	119 ug/kg dry	1	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl	*69.5*	*30-130 %*		"	"	"	"	"	
Surrogate: 2-Fluorophenol	*68.1*	*15-110 %*		"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*69.3*	*30-130 %*		"	"	"	"	"	
Surrogate: Phenol-d5	*72.3*	*15-110 %*		"	"	"	"	"	
Surrogate: Terphenyl-dl4	*61.9*	*30-130 %*		"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol	*67.8*	*15-110 %*		"	"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods, Prepared by SW846 3050B									
Mercury	BRL	0.203 mg/kg dry	1	SW846 7471A	12-Jan-04	13-Jan-04	4010507	YP	
Total Metals by EPA 200 Series Methods									
Silver	BRL	2.05 mg/kg dry	1	EPA 200.7	"	12-Jan-04	4010505	CR	
Aluminum	13,000	3.07 mg/kg dry	1	"	"	"	"	"	
Arsenic	7.44	3.07 mg/kg dry	1	"	"	"	"	"	
Barium	62.5	1.02 mg/kg dry	1	"	"	"	"	"	
Beryllium	0.614	0.409 mg/kg dry	1	"	"	"	"	"	
Calcium	7,250	10.2 mg/kg dry	1	"	"	"	"	"	
Cadmium	BRL	0.511 mg/kg dry	1	"	"	"	"	"	
Cobalt	10.5	1.02 mg/kg dry	1	"	"	"	"	"	
Chromium	17.5	1.02 mg/kg dry	1	"	"	"	"	"	
Copper	24.9	1.02 mg/kg dry	1	"	"	"	"	"	
Iron	26,300	1.02 mg/kg dry	1	"	"	"	"	"	
Potassium	932	20.5 mg/kg dry	1	"	"	"	"	"	
Magnesium	5,640	5.11 mg/kg dry	1	"	"	"	"	"	
Manganese	425	0.205 mg/kg dry	1	"	"	"	"	"	
Sodium	BRL	741 mg/kg dry	1	"	"	"	"	"	
Nickel	25.1	1.02 mg/kg dry	1	"	"	"	"	"	
Lead	4.30	1.53 mg/kg dry	1	"	"	"	"	"	
Antimony	BRL	3.07 mg/kg dry	1	"	"	"	"	"	
Selenium	BRL	3.07 mg/kg dry	1	"	"	"	"	"	
Thallium	BRL	3.07 mg/kg dry	1	"	"	"	"	"	
Vanadium	20.0	1.02 mg/kg dry	1	"	"	"	"	"	
Zinc	53.1	1.02 mg/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi B-18 (8-8.7) TA07094-04	0013172	Soil	09-Jan-04 13:55	10-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
General Chemistry Parameters									
% Solids	86.7	%	1	SM2540 G Mod.	12-Jan-04	13-Jan-04	4010504	LN	
Hexavalent Chromium	BRL	11.5 mg/kg dry	1	SW846 3060A	10-Jan-04	12-Jan-04	4010493	AJ	
Cyanide (total)	BRL	1.15 mg/kg dry	1	10-204-00-1-A	12-Jan-04	12-Jan-04	4010520	AW	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi STR1 (090104) A07094-05	0013172	Surface Water	09-Jan-04 14:10	10-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Acetone	BRL	20.0 ug/l	1	SW 846 8260B	12-Jan-04	12-Jan-04	4010495	kw	
Acrylonitrile	BRL	1.00 ug/l	1	"	"	"	"	"	
Benzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromodichloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromoform	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromomethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Butanone (MEK)	BRL	10.0 ug/l	1	"	"	"	"	"	
n-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
sec-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
tert-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Carbon disulfide	BRL	5.00 ug/l	1	"	"	"	"	"	
Carbon tetrachloride	BRL	1.00 ug/l	1	"	"	"	"	"	
Chlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Chloroethane	BRL	2.00 ug/l	1	"	"	"	"	"	
Chloroform	BRL	1.00 ug/l	1	"	"	"	"	"	
Chloromethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	2.00 ug/l	1	"	"	"	"	"	
Dibromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	1.00 ug/l	1	"	"	"	"	"	
Dibromomethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	2.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
2,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
Ethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	1.00 ug/l	1	"	"	"	"	"	
-Hexanone (MBK)	BRL	10.0 ug/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi STR1 (090104)	0013172	Surface Water	09-Jan-04 14:10	10-Jan-04
YA07094-05				

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Isopropylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Isopropyltoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
Methyl tert-butyl ether	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	10.0 ug/l	1	"	"	"	"	"	
Methylene chloride	BRL	10.0 ug/l	1	"	"	"	"	"	
Naphthalene	BRL	1.00 ug/l	1	"	"	"	"	"	
n-Propylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Styrene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Tetrachloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
Toluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Trichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Vinyl chloride	BRL	1.00 ug/l	1	"	"	"	"	"	
m,p-Xylene	BRL	2.00 ug/l	1	"	"	"	"	"	
o-Xylene	BRL	1.00 ug/l	1	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*103*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*98.4*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*106*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*104*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi STR1 (090104) A07094-05	0013172	Surface Water	09-Jan-04 14:10	10-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GC									
Polychlorinated Biphenyls by SW846 8082		Prepared by method SW846 3535							
PCB 1016	BRL	0.105 ug/l	1	SW846 8082	12-Jan-04	13-Jan-04	4010486	TG	
PCB 1221	BRL	0.105 ug/l	1	"	"	"	"	"	
PCB 1232	BRL	0.105 ug/l	1	"	"	"	"	"	
PCB 1242	BRL	0.105 ug/l	1	"	"	"	"	"	
PCB 1248	BRL	0.105 ug/l	1	"	"	"	"	"	
PCB 1254	BRL	0.105 ug/l	1	"	"	"	"	"	
PCB 1260	BRL	0.105 ug/l	1	"	"	"	"	"	
PCB 1262	BRL	0.105 ug/l	1	"	"	"	"	"	
PCB 1268	BRL	0.105 ug/l	1	"	"	"	"	"	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*89.1*	*40-140 %*		"	"	"	"	"	
Surrogate: Decachlorobiphenyl (Sr)	*99.1*	*40-140 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C		Prepared by method SW846 3535							
Acenaphthene	BRL	5.00 ug/l	1	SW846 8270C	12-Jan-04	13-Jan-04	4010485	M.B	
Acenaphthylene	BRL	5.00 ug/l	1	"	"	"	"	"	
Aniline	BRL	5.00 ug/l	1	"	"	"	"	"	
Anthracene	BRL	5.00 ug/l	1	"	"	"	"	"	
Azobenzene/Diphenyldiazine	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzidine	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (a) anthracene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (a) pyrene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (b) fluoranthene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (g,h,i) perylene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (k) fluoranthene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzoic acid	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzyl alcohol	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-chloroethoxy)methane	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-chloroethyl)ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Bromophenyl phenyl ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Butyl benzyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
Carbazole	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Chloro-3-methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Chloroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Chloronaphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Chlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Chlorophenyl phenyl ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Chrysene	BRL	5.00 ug/l	1	"	"	"	"	"	
Dibenzo (a,h) anthracene	BRL	5.00 ug/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi STR1 (090104) A07094-05	0013172	Surface Water	09-Jan-04 14:10	10-Jan-04

Analyte(s)	*Result*	*RDL/Units	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3535									
Dibenzofuran	BRL	5.00 ug/l	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
3,3'-Dichlorobenzidine	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dichlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Diethyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
Dimethyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dimethylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Di-n-butyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dinitrophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dinitrotoluene	BRL	5.00 ug/l	1	"	"	"	"	"	
2,6-Dinitrotoluene	BRL	5.00 ug/l	1	"	"	"	"	"	
Di-n-octyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
Fluoranthene	BRL	5.00 ug/l	1	"	"	"	"	"	
Fluorene	BRL	5.00 ug/l	1	"	"	"	"	"	
Hexachlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	5.00 ug/l	1	"	"	"	"	"	
Hexachlorocyclopentadiene	BRL	5.00 ug/l	1	"	"	"	"	"	
Hexachloroethane	BRL	5.00 ug/l	1	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	BRL	5.00 ug/l	1	"	"	"	"	"	
1-Methylnaphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
Isophorone	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Methylnaphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
3-Methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Naphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Nitroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
3-Nitroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Nitroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
Nitrobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Nitrophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Nitrophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
N-Nitrosodimethylamine	BRL	5.00 ug/l	1	"	"	"	"	"	
N-Nitrosodi-n-propylamine	BRL	5.00 ug/l	1	"	"	"	"	"	
N-Nitrosodiphenylamine	BRL	5.00 ug/l	1	"	"	"	"	"	
Pentachlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Phenanthrene	BRL	5.00 ug/l	1	"	"	"	"	"	
Phenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Pyrene	BRL	5.00 ug/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi STR1 (090104) A07094-05	0013172	Surface Water	09-Jan-04 14:10	10-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3535									
Pyridine	BRL	5.00 ug/l	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4,5-Trichlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4,6-Trichlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl	*69.3*	*30-130 %*		"	"	"	"	"	
Surrogate: 2-Fluorophenol	*73.8*	*15-110 %*		"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*67.1*	*30-130 %*		"	"	"	"	"	
Surrogate: Phenol-d5	*70.0*	*15-110 %*		"	"	"	"	"	
Surrogate: Terphenyl-d14	*70.3*	*30-130 %*		"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol	*79.9*	*15-110 %*		"	"	"	"	"	
Total Metals by EPA 200 Series Methods									
Silver	BRL	0.0050 mg/l	1	EPA 200.7	12-Jan-04	12-Jan-04	4010528	KS	
Aluminum	BRL	0.125 mg/l	1	"	"	"	"	"	
Arsenic	BRL	0.0040 mg/l	1	"	"	"	"	"	
Barium	0.0442	0.0025 mg/l	1	"	"	"	"	"	
Beryllium	BRL	0.0010 mg/l	1	"	"	"	"	"	
Calcium	70.1	0.0250 mg/l	1	"	"	"	"	"	
Cadmium	BRL	0.0012 mg/l	1	"	"	"	"	"	
Cobalt	BRL	0.0025 mg/l	1	"	"	"	"	"	
Chromium	BRL	0.0025 mg/l	1	"	"	"	"	"	
Copper	BRL	0.0025 mg/l	1	"	"	"	"	"	
Iron	0.115	0.0025 mg/l	1	"	"	"	"	"	
Mercury	BRL	0.00040 mg/l	1	EPA 245.2/7470A	"	13-Jan-04	4010529	YP	
Potassium	1.59	0.0500 mg/l	1	EPA 200.7	"	12-Jan-04	4010528	KS	
Magnesium	16.0	0.0125 mg/l	1	"	"	"	"	"	
Manganese	0.0194	0.0005 mg/l	1	"	"	"	"	"	
Sodium	119	0.250 mg/l	10	"	"	13-Jan-04	"	"	
Nickel	BRL	0.0025 mg/l	1	"	"	12-Jan-04	"	"	
Lead	BRL	0.0038 mg/l	1	"	"	"	"	"	
Antimony	BRL	0.0060 mg/l	1	"	"	"	"	"	
Selenium	BRL	0.0075 mg/l	1	"	"	"	"	"	
Thallium	BRL	0.0050 mg/l	1	"	"	"	"	"	
Zinc	0.0120	0.0025 mg/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi STR1 (090104) 3A07094-05	0013172	Surface Water	09-Jan-04 14:10	10-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
General Chemistry Parameters									
Hexavalent Chromium	BRL	0.005 mg/l	1	SM3500CrD/7196A	10-Jan-04 13:30	10-Jan-04	4010573	AW	
Cyanide (total)	BRL	0.0100 mg/l	1	10-204-00-1-A	12-Jan-04	13-Jan-04	4010571	*	
pH	8.13	pH Units	1	EPA 150.1	10-Jan-04 14:00	10-Jan-04	4010497	WH	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi STR2 (090104) A07094-06	0013172	Surface Water	09-Jan-04 14:20	10-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Acetone	BRL	20.0 ug/l	1	SW 846 8260B	12-Jan-04	12-Jan-04	4010495	kw	
Acrylonitrile	BRL	1.00 ug/l	1	"	"	"	"	"	
Benzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromodichloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromoform	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromomethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Butanone (MEK)	BRL	10.0 ug/l	1	"	"	"	"	"	
n-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
sec-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
tert-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Carbon disulfide	BRL	5.00 ug/l	1	"	"	"	"	"	
Carbon tetrachloride	BRL	1.00 ug/l	1	"	"	"	"	"	
Chlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Chloroethane	BRL	2.00 ug/l	1	"	"	"	"	"	
Chloroform	BRL	1.00 ug/l	1	"	"	"	"	"	
Chloromethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	2.00 ug/l	1	"	"	"	"	"	
Dibromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	1.00 ug/l	1	"	"	"	"	"	
Dibromomethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	2.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,2-Dichloroethene	1.74	1.00 ug/l	1	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
2,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
Ethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	1.00 ug/l	1	"	"	"	"	"	
-Hexanone (MBK)	BRL	10.0 ug/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi STR2 (090104) 3A07094-06	0013172	Surface Water	09-Jan-04 14:20	10-Jan-04

Analyte(s)	*Result*	*RDL/Units	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Isopropylbenzene	BRL	1.00 ug/l	1						
4-Isopropyltoluene	BRL	1.00 ug/l	1						
Methyl tert-butyl ether	BRL	1.00 ug/l	1						
4-Methyl-2-pentanone (MIBK)	BRL	10.0 ug/l	1						
Methylene chloride	BRL	10.0 ug/l	1						
Naphthalene	BRL	1.00 ug/l	1						
n-Propylbenzene	BRL	1.00 ug/l	1						
Styrene	BRL	1.00 ug/l	1						
1,1,1,2-Tetrachloroethane	BRL	1.00 ug/l	1						
1,1,2,2-Tetrachloroethane	BRL	1.00 ug/l	1						
Tetrachloroethene	BRL	1.00 ug/l	1						
Toluene	BRL	1.00 ug/l	1						
1,2,3-Trichlorobenzene	BRL	1.00 ug/l	1						
1,2,4-Trichlorobenzene	BRL	1.00 ug/l	1						
1,1,1-Trichloroethane	BRL	1.00 ug/l	1						
1,1,2-Trichloroethane	BRL	1.00 ug/l	1						
Trichloroethene	BRL	1.00 ug/l	1						
Trichlorofluoromethane (Freon 11)	BRL	1.00 ug/l	1						
1,2,3-Trichloropropane	BRL	1.00 ug/l	1						
1,2,4-Trimethylbenzene	BRL	1.00 ug/l	1						
1,3,5-Trimethylbenzene	BRL	1.00 ug/l	1						
Vinyl chloride	BRL	1.00 ug/l	1						
m,p-Xylene	BRL	2.00 ug/l	1						
o-Xylene	BRL	1.00 ug/l	1						
Surrogate: 4-Bromofluorobenzene	*102*	*70-130 %*							
Surrogate: Toluene-d8	*98.8*	*70-130 %*							
Surrogate: 1,2-Dichloroethane-d4	*106*	*70-130 %*							
Surrogate: Dibromofluoromethane	*104*	*70-130 %*							

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi STR2 (090104) A07094-06	0013172	Surface Water	09-Jan-04 14:20	10-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GC									
Polychlorinated Biphenyls by SW846 8082		Prepared by method SW846 3535							
PCB 1016	BRL	0.105 ug/l	1	SW846 8082	12-Jan-04	13-Jan-04	4010486	TG	
PCB 1221	BRL	0.105 ug/l	1	"	"	"	"	"	
PCB 1232	BRL	0.105 ug/l	1	"	"	"	"	"	
PCB 1242	BRL	0.105 ug/l	1	"	"	"	"	"	
PCB 1248	BRL	0.105 ug/l	1	"	"	"	"	"	
PCB 1254	BRL	0.105 ug/l	1	"	"	"	"	"	
PCB 1260	BRL	0.105 ug/l	1	"	"	"	"	"	
PCB 1262	BRL	0.105 ug/l	1	"	"	"	"	"	
PCB 1268	BRL	0.105 ug/l	1	"	"	"	"	"	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*85.3*	*40-140 %*		"	"	"	"	"	
Surrogate: Decachlorobiphenyl (Sr)	*118*	*40-140 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C		Prepared by method SW846 3535							
Acenaphthene	BRL	5.00 ug/l	1	SW846 8270C	12-Jan-04	13-Jan-04	4010485	M.B	
Acenaphthylene	BRL	5.00 ug/l	1	"	"	"	"	"	
Aniline	BRL	5.00 ug/l	1	"	"	"	"	"	
Anthracene	BRL	5.00 ug/l	1	"	"	"	"	"	
Azobenzene/Diphenyldiazine	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzidine	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (a) anthracene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (a) pyrene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (b) fluoranthene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (g,h,i) perylene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (k) fluoranthene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzoic acid	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzyl alcohol	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-chloroethoxy)methane	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-chloroethyl)ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Bromophenyl phenyl ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Butyl benzyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
Carbazole	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Chloro-3-methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Chloroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Chloronaphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Chlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Chlorophenyl phenyl ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Chrysene	BRL	5.00 ug/l	1	"	"	"	"	"	
Dibenzo (a,h) anthracene	BRL	5.00 ug/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi STR2 (090104) A07094-06	0013172	Surface Water	09-Jan-04 14:20	10-Jan-04

Analyte(s)	*Result*	*RDL/Units	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3535									
Dibenzofuran	BRL	5.00 ug/l	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
3,3'-Dichlorobenzidine	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dichlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Diethyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
Dimethyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dimethylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Di-n-butyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dinitrophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dinitrotoluene	BRL	5.00 ug/l	1	"	"	"	"	"	
2,6-Dinitrotoluene	BRL	5.00 ug/l	1	"	"	"	"	"	
Di-n-octyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
Fluoranthene	BRL	5.00 ug/l	1	"	"	"	"	"	
Fluorene	BRL	5.00 ug/l	1	"	"	"	"	"	
Hexachlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	5.00 ug/l	1	"	"	"	"	"	
Hexachlorocyclopentadiene	BRL	5.00 ug/l	1	"	"	"	"	"	
Hexachloroethane	BRL	5.00 ug/l	1	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	BRL	5.00 ug/l	1	"	"	"	"	"	
1-Methylnaphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
Isophorone	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Methylnaphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
3-Methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Naphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Nitroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
3-Nitroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Nitroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
Nitrobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Nitrophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Nitrophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
N-Nitrosodimethylamine	BRL	5.00 ug/l	1	"	"	"	"	"	
N-Nitrosodi-n-propylamine	BRL	5.00 ug/l	1	"	"	"	"	"	
N-Nitrosodiphenylamine	BRL	5.00 ug/l	1	"	"	"	"	"	
Pentachlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Phenanthrene	BRL	5.00 ug/l	1	"	"	"	"	"	
Phenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Pyrene	BRL	5.00 ug/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi STR2 (090104) :A07094-06	0013172	Surface Water	09-Jan-04 14:20	10-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3535									
Pyridine	BRL	5.00 ug/l	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4,5-Trichlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4,6-Trichlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl	*74.4*	*30-130 %*		"	"	"	"	"	
Surrogate: 2-Fluorophenol	*79.9*	*15-110 %*		"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*81.0*	*30-130 %*		"	"	"	"	"	
Surrogate: Phenol-d5	*77.4*	*15-110 %*		"	"	"	"	"	
Surrogate: Terphenyl-dl4	*70.1*	*30-130 %*		"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol	*80.4*	*15-110 %*		"	"	"	"	"	
Total Metals by EPA 200 Series Methods									
Silver	BRL	0.0050 mg/l	1	EPA 200.7	12-Jan-04	12-Jan-04	4010528	KS	
Aluminum	BRL	0.125 mg/l	1	"	"	"	"	"	
Arsenic	BRL	0.0040 mg/l	1	"	"	"	"	"	
Barium	0.0458	0.0025 mg/l	1	"	"	"	"	"	
Beryllium	BRL	0.0010 mg/l	1	"	"	"	"	"	
Calcium	79.8	0.0250 mg/l	1	"	"	"	"	"	
Cadmium	BRL	0.0012 mg/l	1	"	"	"	"	"	
Cobalt	BRL	0.0025 mg/l	1	"	"	"	"	"	
Chromium	BRL	0.0025 mg/l	1	"	"	"	"	"	
Copper	BRL	0.0025 mg/l	1	"	"	"	"	"	
Iron	0.152	0.0025 mg/l	1	"	"	"	"	"	
Mercury	BRL	0.00040 mg/l	1	EPA 245.2/7470A	"	13-Jan-04	4010529	YP	
Potassium	1.38	0.0500 mg/l	1	EPA 200.7	"	12-Jan-04	4010528	KS	
Magnesium	19.4	0.0125 mg/l	1	"	"	"	"	"	
Manganese	0.0510	0.0005 mg/l	1	"	"	"	"	"	
Sodium	87.0	0.250 mg/l	10	"	"	13-Jan-04	"	"	
Nickel	BRL	0.0025 mg/l	1	"	"	12-Jan-04	"	"	
Lead	BRL	0.0038 mg/l	1	"	"	"	"	"	
Antimony	BRL	0.0060 mg/l	1	"	"	"	"	"	
Selenium	BRL	0.0075 mg/l	1	"	"	"	"	"	
Thallium	BRL	0.0050 mg/l	1	"	"	"	"	"	
Zinc	0.0152	0.0025 mg/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi STR2 (090104) A07094-06	0013172	Surface Water	09-Jan-04 14:20	10-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
General Chemistry Parameters									
Hexavalent Chromium	BRL	0.010 mg/l	1	SM3500CrD/7196A	10-Jan-04 13:30	10-Jan-04	4010573	AW	R-01
Cyanide (total)	BRL	0.0100 mg/l	1	10-204-00-1-A	12-Jan-04	13-Jan-04	4010571	*	
pH	7.55	pH Units	1	EPA 150.1	10-Jan-04 14:00	10-Jan-04	4010497	WH	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi SSOF (090104) A07094-07	0013172	Surface Water	09-Jan-04 14:35	10-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Acetone	BRL	20.0 ug/l	1	SW 846 8260B	12-Jan-04	12-Jan-04	4010495	kw	
Acrylonitrile	BRL	1.00 ug/l	1	"	"	"	"	"	
Benzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromodichloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromoform	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromomethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Butanone (MEK)	BRL	10.0 ug/l	1	"	"	"	"	"	
n-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
sec-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
tert-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Carbon disulfide	BRL	5.00 ug/l	1	"	"	"	"	"	
Carbon tetrachloride	BRL	1.00 ug/l	1	"	"	"	"	"	
Chlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Chloroethane	BRL	2.00 ug/l	1	"	"	"	"	"	
Chloroform	BRL	1.00 ug/l	1	"	"	"	"	"	
hloromethane	BRL	2.00 ug/l	1	"	"	"	"	"	
-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	2.00 ug/l	1	"	"	"	"	"	
Dibromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	1.00 ug/l	1	"	"	"	"	"	
Dibromomethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	2.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,2-Dichloroethene	1.98	1.00 ug/l	1	"	"	"	"	"	
trans-1,2-Dichloroethene	1.36	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
2,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
Ethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	1.00 ug/l	1	"	"	"	"	"	
-Hexanone (MBK)	BRL	10.0 ug/l	1	"	"	"	"	"	

This laboratory report is not valid without an authorized signature on the cover page.

*Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi SSOF (090104) A07094-07	0013172	Surface Water	09-Jan-04 14:35	10-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Isopropylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Isopropyltoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
Methyl tert-butyl ether	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	10.0 ug/l	1	"	"	"	"	"	
Methylene chloride	BRL	10.0 ug/l	1	"	"	"	"	"	
Naphthalene	BRL	1.00 ug/l	1	"	"	"	"	"	
n-Propylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Styrene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Tetrachloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
Toluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Trichloroethene	1.42	1.00 ug/l	1	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Vinyl chloride	1.39	1.00 ug/l	1	"	"	"	"	"	
m,p-Xylene	BRL	2.00 ug/l	1	"	"	"	"	"	
o-Xylene	BRL	1.00 ug/l	1	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*105*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*98.0*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*106*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*104*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi SSOF (090104) A07094-07	0013172	Surface Water	09-Jan-04 14:35	10-Jan-04

Analyte(s)	*Result*	*RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GC									
Polychlorinated Biphenyls by SW846 8082		Prepared by method SW846 3535							
PCB 1016	BRL	0.105 ug/l	1	SW846 8082	12-Jan-04	13-Jan-04	4010486	TG	
PCB 1221	BRL	0.105 ug/l	1	"	"	"	"	"	
PCB 1232	BRL	0.105 ug/l	1	"	"	"	"	"	
PCB 1242	BRL	0.105 ug/l	1	"	"	"	"	"	
PCB 1248	BRL	0.105 ug/l	1	"	"	"	"	"	
PCB 1254	BRL	0.105 ug/l	1	"	"	"	"	"	
PCB 1260	BRL	0.105 ug/l	1	"	"	"	"	"	
PCB 1262	BRL	0.105 ug/l	1	"	"	"	"	"	
PCB 1268	BRL	0.105 ug/l	1	"	"	"	"	"	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*93.8*	*40-140 %*		"	"	"	"	"	
Surrogate: Decachlorobiphenyl (Sr)	*100*	*40-140 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C		Prepared by method SW846 3535							
Acenaphthene	BRL	5.00 ug/l	1	SW846 8270C	12-Jan-04	13-Jan-04	4010485	MB	
Acenaphthylene	BRL	5.00 ug/l	1	"	"	"	"	"	
Aniline	BRL	5.00 ug/l	1	"	"	"	"	"	
nthracene	BRL	5.00 ug/l	1	"	"	"	"	"	
Azobenzene/Diphenyldiazine	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzidine	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (a) anthracene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (a) pyrene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (b) fluoranthene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (g,h,i) perylene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (k) fluoranthene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzoic acid	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzyl alcohol	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-chloroethoxy)methane	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-chloroethyl)ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Bromophenyl phenyl ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Butyl benzyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
Carbazole	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Chloro-3-methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Chloroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Chloronaphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Chlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Chlorophenyl phenyl ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Chrysene	BRL	5.00 ug/l	1	"	"	"	"	"	
Dibenzo (a,h) anthracene	BRL	5.00 ug/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi SSOF (090104) A07094-07	0013172	Surface Water	09-Jan-04 14:35	10-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3535									
Dibenzofuran	BRL	5.00 ug/l	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
3,3'-Dichlorobenzidine	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dichlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Diethyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
Dimethyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dimethylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Di-n-butyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dinitrophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dinitrotoluene	BRL	5.00 ug/l	1	"	"	"	"	"	
2,6-Dinitrotoluene	BRL	5.00 ug/l	1	"	"	"	"	"	
Di-n-octyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
Fluoranthene	BRL	5.00 ug/l	1	"	"	"	"	"	
Fluorene	BRL	5.00 ug/l	1	"	"	"	"	"	
Hexachlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	5.00 ug/l	1	"	"	"	"	"	
Hexachlorocyclopentadiene	BRL	5.00 ug/l	1	"	"	"	"	"	
Hexachloroethane	BRL	5.00 ug/l	1	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	BRL	5.00 ug/l	1	"	"	"	"	"	
1-Methylnaphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
Isophorone	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Methylnaphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
3-Methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Naphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Nitroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
3-Nitroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Nitroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
Nitrobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Nitrophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Nitrophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
N-Nitrosodimethylamine	BRL	5.00 ug/l	1	"	"	"	"	"	
N-Nitrosodi-n-propylamine	BRL	5.00 ug/l	1	"	"	"	"	"	
N-Nitrosodiphenylamine	BRL	5.00 ug/l	1	"	"	"	"	"	
Pentachlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Phenanthrene	BRL	5.00 ug/l	1	"	"	"	"	"	
Phenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Pyrene	BRL	5.00 ug/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi SSOF (090104) A07094-07	0013172	Surface Water	09-Jan-04 14:35	10-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3535									
Pyridine	BRL	5.00 ug/l	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4,5-Trichlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4,6-Trichlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl	*72.4*	*30-130 %*		"	"	"	"	"	
Surrogate: 2-Fluorophenol	*78.7*	*15-110 %*		"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*76.3*	*30-130 %*		"	"	"	"	"	
Surrogate: Phenol-d5	*79.1*	*15-110 %*		"	"	"	"	"	
Surrogate: Terphenyl-dl4	*78.0*	*30-130 %*		"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol	*84.4*	*15-110 %*		"	"	"	"	"	
Total Metals by EPA 200 Series Methods									
Silver	BRL	0.0050 mg/l	1	EPA 200.7	12-Jan-04	12-Jan-04	4010528	KS	
Aluminum	BRL	0.125 mg/l	1	"	"	"	"	"	
Arsenic	BRL	0.0045 mg/l	1	"	"	"	"	"	
Barium	0.0723	0.0025 mg/l	1	"	"	"	"	"	
Beryllium	BRL	0.0010 mg/l	1	"	"	"	"	"	
Calcium	95.2	0.0250 mg/l	1	"	"	"	"	"	
Cadmium	BRL	0.0012 mg/l	1	"	"	"	"	"	
Cobalt	BRL	0.0025 mg/l	1	"	"	"	"	"	
Chromium	0.0026	0.0025 mg/l	1	"	"	"	"	"	
Copper	0.0046	0.0025 mg/l	1	"	"	"	"	"	
Iron	0.734	0.0025 mg/l	1	"	"	"	"	"	
Mercury	BRL	0.00040 mg/l	1	EPA 245.2/7470A	"	13-Jan-04	4010529	YP	
Potassium	2.29	0.0500 mg/l	1	EPA 200.7	"	12-Jan-04	4010528	KS	
Magnesium	20.8	0.0125 mg/l	1	"	"	"	"	"	
Manganese	0.960	0.0005 mg/l	1	"	"	"	"	"	
Sodium	214	0.250 mg/l	10	"	"	13-Jan-04	"	"	
Nickel	BRL	0.0025 mg/l	1	"	"	12-Jan-04	"	"	
Lead	BRL	0.0038 mg/l	1	"	"	"	"	"	
Antimony	BRL	0.0060 mg/l	1	"	"	"	"	"	
Selenium	BRL	0.0075 mg/l	1	"	"	"	"	"	
Thallium	BRL	0.0050 mg/l	1	"	"	"	"	"	
Zinc	0.0250	0.0025 mg/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi SSOF (090104)	0013172	Surface Water	09-Jan-04 14:35	10-Jan-04
:A07094-07				

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
General Chemistry Parameters									
Hexavalent Chromium	BRL	0.010 mg/l	1	SM3500CrD/7196A	10-Jan-04 13:30	10-Jan-04	4010573	AW	R-01
Cyanide (total)	BRL	0.0100 mg/l	1	10-204-00-1-A	12-Jan-04	13-Jan-04	4010571	*	
pH	7.15	pH Units	1	EPA 150.1	10-Jan-04 14:00	10-Jan-04	4010497	WH	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi SEP1 (090104) A07094-08	0013172	Surface Water	09-Jan-04 14:30	10-Jan-04

Analyte(s)	*Result*	*RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Acetone	BRL	20.0 ug/l	1	SW 846 8260B	12-Jan-04	12-Jan-04	4010495	kw	
Acrylonitrile	BRL	1.00 ug/l	1	"	"	"	"	"	
Benzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromodichloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromoform	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromomethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Butanone (MEK)	BRL	10.0 ug/l	1	"	"	"	"	"	
n-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
sec-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
tert-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Carbon disulfide	BRL	5.00 ug/l	1	"	"	"	"	"	
Carbon tetrachloride	BRL	1.00 ug/l	1	"	"	"	"	"	
Chlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Chloroethane	BRL	2.00 ug/l	1	"	"	"	"	"	
Chloroform	1.59	1.00 ug/l	1	"	"	"	"	"	
Chloromethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	2.00 ug/l	1	"	"	"	"	"	
Dibromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	1.00 ug/l	1	"	"	"	"	"	
Dibromomethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	2.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,2-Dichloroethene	6.25	1.00 ug/l	1	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
2,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
Ethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	1.00 ug/l	1	"	"	"	"	"	
2-Hexanone (MBK)	BRL	10.0 ug/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi SEP1 (090104) A07094-08	0013172	Surface Water	09-Jan-04 14:30	10-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Isopropylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Isopropyltoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
Methyl tert-butyl ether	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	10.0 ug/l	1	"	"	"	"	"	
Methylene chloride	BRL	10.0 ug/l	1	"	"	"	"	"	
Naphthalene	BRL	1.00 ug/l	1	"	"	"	"	"	
n-Propylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Styrene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Tetrachloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
Toluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Trichloroethene	9.55	1.00 ug/l	1	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Vinyl chloride	BRL	1.00 ug/l	1	"	"	"	"	"	
m,p-Xylene	BRL	2.00 ug/l	1	"	"	"	"	"	
o-Xylene	BRL	1.00 ug/l	1	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*102*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*101*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*106*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*106*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi SEP1 (090104) A07094-08	0013172	Surface Water	09-Jan-04 14:30	10-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GC									
Polychlorinated Biphenyls by SW846 8082		Prepared by method SW846 3535							
PCB 1016	BRL	0.111 ug/l	1	SW846 8082	12-Jan-04	13-Jan-04	4010486	TG	
PCB 1221	BRL	0.111 ug/l	1	"	"	"	"	"	
PCB 1232	BRL	0.111 ug/l	1	"	"	"	"	"	
PCB 1242	BRL	0.111 ug/l	1	"	"	"	"	"	
PCB 1248	BRL	0.111 ug/l	1	"	"	"	"	"	
PCB 1254	BRL	0.111 ug/l	1	"	"	"	"	"	
PCB 1260	BRL	0.111 ug/l	1	"	"	"	"	"	
PCB 1262	BRL	0.111 ug/l	1	"	"	"	"	"	
PCB 1268	BRL	0.111 ug/l	1	"	"	"	"	"	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*100*	*40-140 %*		"	"	"	"	"	
Surrogate: Decachlorobiphenyl (Sr)	*100*	*40-140 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C		Prepared by method SW846 3535							
Acenaphthene	BRL	5.00 ug/l	1	SW846 8270C	12-Jan-04	13-Jan-04	4010485	M.B	
Acenaphthylene	BRL	5.00 ug/l	1	"	"	"	"	"	
Aniline	BRL	5.00 ug/l	1	"	"	"	"	"	
nthracene	BRL	5.00 ug/l	1	"	"	"	"	"	
Azobenzene/Diphenyldiazine	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzidine	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (a) anthracene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (a) pyrene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (b) fluoranthene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (g,h,i) perylene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (k) fluoranthene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzoic acid	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzyl alcohol	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-chloroethoxy)methane	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-chloroethyl)ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Bromophenyl phenyl ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Butyl benzyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
Carbazole	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Chloro-3-methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Chloroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Chloronaphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Chlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Chlorophenyl phenyl ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Chrysene	BRL	5.00 ug/l	1	"	"	"	"	"	
Dibenzo (a,h) anthracene	BRL	5.00 ug/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi SEP1 (090104) A07094-08	0013172	Surface Water	09-Jan-04 14:30	10-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3535									
Dibenzofuran	BRL	5.00 ug/l	1	"	"	"	"	"
1,2-Dichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"
1,3-Dichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"
1,4-Dichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"
3,3'-Dichlorobenzidine	BRL	5.00 ug/l	1	"	"	"	"	"
2,4-Dichlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"
Diethyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"
Dimethyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"
2,4-Dimethylphenol	BRL	5.00 ug/l	1	"	"	"	"	"
Di-n-butyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"
4,6-Dinitro-2-methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"
2,4-Dinitrophenol	BRL	5.00 ug/l	1	"	"	"	"	"
2,4-Dinitrotoluene	BRL	5.00 ug/l	1	"	"	"	"	"
2,6-Dinitrotoluene	BRL	5.00 ug/l	1	"	"	"	"	"
Di-n-octyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"
Fluoranthene	BRL	5.00 ug/l	1	"	"	"	"	"
Fluorene	BRL	5.00 ug/l	1	"	"	"	"	"
Hexachlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"
Hexachlorobutadiene	BRL	5.00 ug/l	1	"	"	"	"	"
Hexachlorocyclopentadiene	BRL	5.00 ug/l	1	"	"	"	"	"
Hexachloroethane	BRL	5.00 ug/l	1	"	"	"	"	"
Indeno (1,2,3-cd) pyrene	BRL	5.00 ug/l	1	"	"	"	"	"
1-Methylnaphthalene	BRL	5.00 ug/l	1	"	"	"	"	"
Isophorone	BRL	5.00 ug/l	1	"	"	"	"	"
2-Methylnaphthalene	BRL	5.00 ug/l	1	"	"	"	"	"
2-Methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"
3-Methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"
4-Methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"
Naphthalene	BRL	5.00 ug/l	1	"	"	"	"	"
2-Nitroaniline	BRL	5.00 ug/l	1	"	"	"	"	"
3-Nitroaniline	BRL	5.00 ug/l	1	"	"	"	"	"
4-Nitroaniline	BRL	5.00 ug/l	1	"	"	"	"	"
Nitrobenzene	BRL	5.00 ug/l	1	"	"	"	"	"
2-Nitrophenol	BRL	5.00 ug/l	1	"	"	"	"	"
4-Nitrophenol	BRL	5.00 ug/l	1	"	"	"	"	"
N-Nitrosodimethylamine	BRL	5.00 ug/l	1	"	"	"	"	"
N-Nitrosodi-n-propylamine	BRL	5.00 ug/l	1	"	"	"	"	"
N-Nitrosodiphenylamine	BRL	5.00 ug/l	1	"	"	"	"	"
Pentachlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"
Phenanthrene	BRL	5.00 ug/l	1	"	"	"	"	"
Phenol	BRL	5.00 ug/l	1	"	"	"	"	"
Pyrene	BRL	5.00 ug/l	1	"	"	"	"	"

This laboratory report is not valid without an authorized signature on the cover page.

*Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi SEP1 (090104) 3A07094-08	0013172	Surface Water	09-Jan-04 14:30	10-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3535									
Pyridine	BRL	5.00 ug/l	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4,5-Trichlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4,6-Trichlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl	*73.2*	*30-130 %*		"	"	"	"	"	
Surrogate: 2-Fluorophenol	*69.7*	*15-110 %*		"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*79.3*	*30-130 %*		"	"	"	"	"	
Surrogate: Phenol-d5	*71.4*	*15-110 %*		"	"	"	"	"	
Surrogate: Terphenyl-dl4	*68.6*	*30-130 %*		"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol	*66.8*	*15-110 %*		"	"	"	"	"	
Total Metals by EPA 200 Series Methods									
Silver	BRL	0.0050 mg/l	1	EPA 200.7	12-Jan-04	12-Jan-04	4010528	KS	
Aluminum	1.85	0.0075 mg/l	1	"	"	"	"	"	
Arsenic	BRL	0.0045 mg/l	1	"	"	"	"	"	
Barium	0.0932	0.0025 mg/l	1	"	"	"	"	"	
Beryllium	BRL	0.0010 mg/l	1	"	"	"	"	"	
Calcium	104	0.0250 mg/l	1	"	"	"	"	"	
Cadmium	BRL	0.0012 mg/l	1	"	"	"	"	"	
Cobalt	0.0034	0.0025 mg/l	1	"	"	"	"	"	
Chromium	0.0029	0.0025 mg/l	1	"	"	"	"	"	
Copper	0.0138	0.0025 mg/l	1	"	"	"	"	"	
Iron	2.60	0.0025 mg/l	1	"	"	"	"	"	
Mercury	BRL	0.00040 mg/l	1	EPA 245.2/7470A	"	13-Jan-04	4010529	VP	
Potassium	2.92	0.0500 mg/l	1	EPA 200.7	"	12-Jan-04	4010528	KS	
Magnesium	22.8	0.0125 mg/l	1	"	"	"	"	"	
Manganese	0.861	0.0005 mg/l	1	"	"	"	"	"	
Sodium	259	0.250 mg/l	10	"	"	13-Jan-04	"	"	
Nickel	0.0046	0.0025 mg/l	1	"	"	12-Jan-04	"	"	
Lead	BRL	0.0050 mg/l	1	"	"	"	"	"	
Antimony	BRL	0.0060 mg/l	1	"	"	"	"	"	
Selenium	BRL	0.0075 mg/l	1	"	"	"	"	"	
Thallium	BRL	0.0050 mg/l	1	"	"	"	"	"	
Zinc	0.0384	0.0025 mg/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi SEP1 (090104) A07094-08	0013172	Surface Water	09-Jan-04 14:30	10-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
General Chemistry Parameters									
Hexavalent Chromium	BRL	0.015 mg/l	1	SM3500CrD/7196A	10-Jan-04 13:30	10-Jan-04	4010573	AW	R-01
Cyanide (total)	BRL	0.0100 mg/l	1	10-204-00-1-A	12-Jan-04	13-Jan-04	4010571	*	
pH	7.72	pH Units	1	EPA 150.1	10-Jan-04 14:00	10-Jan-04	4010497	WH	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi SEP1 (090104) A07094-09	0013172	Soil	09-Jan-04 14:30	10-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
VOC Extraction	Lab Extracted	N/A	1	VOC	12-Jan-04	12-Jan-04	4010538	LN	
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							VOC8
Acetone	BRL	1990 ug/kg dry	50	SW 846 8260B	12-Jan-04	12-Jan-04	4010490	kp	
Acrylonitrile	BRL	99.3 ug/kg dry	50	"	"	"	"	"	
Benzene	BRL	99.3 ug/kg dry	50	"	"	"	"	"	
Bromobenzene	BRL	99.3 ug/kg dry	50	"	"	"	"	"	
Bromochloromethane	BRL	99.3 ug/kg dry	50	"	"	"	"	"	
Bromodichloromethane	BRL	99.3 ug/kg dry	50	"	"	"	"	"	
Bromoform	BRL	99.3 ug/kg dry	50	"	"	"	"	"	
Bromomethane	BRL	199 ug/kg dry	50	"	"	"	"	"	
2-Butanone (MEK)	BRL	993 ug/kg dry	50	"	"	"	"	"	
n-Butylbenzene	BRL	99.3 ug/kg dry	50	"	"	"	"	"	
sec-Butylbenzene	BRL	99.3 ug/kg dry	50	"	"	"	"	"	
tert-Butylbenzene	BRL	99.3 ug/kg dry	50	"	"	"	"	"	
Carbon disulfide	BRL	496 ug/kg dry	50	"	"	"	"	"	
Carbon tetrachloride	BRL	99.3 ug/kg dry	50	"	"	"	"	"	
Chlorobenzene	BRL	99.3 ug/kg dry	50	"	"	"	"	"	
Chloroethane	BRL	199 ug/kg dry	50	"	"	"	"	"	
Chloroform	BRL	99.3 ug/kg dry	50	"	"	"	"	"	
Chloromethane	BRL	199 ug/kg dry	50	"	"	"	"	"	
2-Chlorotoluene	BRL	99.3 ug/kg dry	50	"	"	"	"	"	
4-Chlorotoluene	BRL	99.3 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	199 ug/kg dry	50	"	"	"	"	"	
Dibromochloromethane	BRL	99.3 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	99.3 ug/kg dry	50	"	"	"	"	"	
Dibromomethane	BRL	99.3 ug/kg dry	50	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	99.3 ug/kg dry	50	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	99.3 ug/kg dry	50	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	99.3 ug/kg dry	50	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	199 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethane	BRL	99.3 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloroethane	BRL	99.3 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethene	BRL	99.3 ug/kg dry	50	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	99.3 ug/kg dry	50	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	99.3 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloropropane	BRL	99.3 ug/kg dry	50	"	"	"	"	"	
1,3-Dichloropropane	BRL	99.3 ug/kg dry	50	"	"	"	"	"	
2,2-Dichloropropane	BRL	99.3 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloropropene	BRL	99.3 ug/kg dry	50	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	99.3 ug/kg dry	50	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	99.3 ug/kg dry	50	"	"	"	"	"	
Ethylbenzene	BRL	99.3 ug/kg dry	50	"	"	"	"	"	
Hexachlorobutadiene	BRL	99.3 ug/kg dry	50	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi SEP1 (090104) A07094-09	0013172	Soil	09-Jan-04 14:30	10-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							VOC8
2-Hexanone (MBK)	BRL	993 ug/kg dry	50	"	"	"	"	"	
Isopropylbenzene	BRL	99.3 ug/kg dry	50	"	"	"	"	"	
4-Isopropyltoluene	BRL	99.3 ug/kg dry	50	"	"	"	"	"	
Methyl tert-butyl ether	BRL	99.3 ug/kg dry	50	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	993 ug/kg dry	50	"	"	"	"	"	
Methylene chloride	BRL	993 ug/kg dry	50	"	"	"	"	"	
Naphthalene	BRL	99.3 ug/kg dry	50	"	"	"	"	"	
n-Propylbenzene	BRL	99.3 ug/kg dry	50	"	"	"	"	"	
Styrene	BRL	99.3 ug/kg dry	50	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	99.3 ug/kg dry	50	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	99.3 ug/kg dry	50	"	"	"	"	"	
Tetrachloroethene	BRL	99.3 ug/kg dry	50	"	"	"	"	"	
Toluene	BRL	99.3 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	99.3 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	99.3 ug/kg dry	50	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	99.3 ug/kg dry	50	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	99.3 ug/kg dry	50	"	"	"	"	"	
Trichloroethene	BRL	99.3 ug/kg dry	50	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	99.3 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	99.3 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	99.3 ug/kg dry	50	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	99.3 ug/kg dry	50	"	"	"	"	"	
Vinyl chloride	BRL	99.3 ug/kg dry	50	"	"	"	"	"	
m,p-Xylene	BRL	199 ug/kg dry	50	"	"	"	"	"	
o-Xylene	BRL	99.3 ug/kg dry	50	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*87.3*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*99.3*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*87.0*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*96.7*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi SEP1 (090104) A07094-09	0013172	Soil	09-Jan-04 14:30	10-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GC									
Polychlorinated Biphenyls by SW846 8082		Prepared by method SW846 3550B							
PCB 1016	BRL	59.3 ug/kg dry	1	SW846 8082	12-Jan-04	12-Jan-04	4010465	MP	
PCB 1221	BRL	59.3 ug/kg dry	1	"	"	"	"	"	
PCB 1232	BRL	59.3 ug/kg dry	1	"	"	"	"	"	
PCB 1242	BRL	59.3 ug/kg dry	1	"	"	"	"	"	
PCB 1248	BRL	59.3 ug/kg dry	1	"	"	"	"	"	
PCB 1254	BRL	59.3 ug/kg dry	1	"	"	"	"	"	
PCB 1260	BRL	59.3 ug/kg dry	1	"	"	"	"	"	
PCB 1262	BRL	59.3 ug/kg dry	1	"	"	"	"	"	
PCB 1268	BRL	59.3 ug/kg dry	1	"	"	"	"	"	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*109*	*40-140 %*		"	"	"	"	"	
Surrogate: Decachlorobiphenyl (Sr)	*106*	*40-140 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C		Prepared by method SW846 3550B							
Acenaphthene	BRL	138 ug/kg dry	1	SW846 8270C	12-Jan-04	13-Jan-04	4010458	M.B	
Acenaphthylene	BRL	138 ug/kg dry	1	"	"	"	"	"	
Aniline	BRL	138 ug/kg dry	1	"	"	"	"	"	
Anthracene	BRL	138 ug/kg dry	1	"	"	"	"	"	
Azobenzene/Diphenyldiazine	BRL	138 ug/kg dry	1	"	"	"	"	"	
Benzidine	BRL	138 ug/kg dry	1	"	"	"	"	"	
Benzo (a) anthracene	BRL	138 ug/kg dry	1	"	"	"	"	"	
Benzo (a) pyrene	BRL	138 ug/kg dry	1	"	"	"	"	"	
Benzo (b) fluoranthene	BRL	138 ug/kg dry	1	"	"	"	"	"	
Benzo (g,h,i) perylene	BRL	138 ug/kg dry	1	"	"	"	"	"	
Benzo (k) fluoranthene	BRL	138 ug/kg dry	1	"	"	"	"	"	
Benzoic acid	BRL	138 ug/kg dry	1	"	"	"	"	"	
Benzyl alcohol	BRL	138 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroethoxy)methane	BRL	138 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroethyl)ether	BRL	138 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	BRL	138 ug/kg dry	1	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	BRL	138 ug/kg dry	1	"	"	"	"	"	
4-Bromophenyl phenyl ether	BRL	138 ug/kg dry	1	"	"	"	"	"	
Butyl benzyl phthalate	BRL	138 ug/kg dry	1	"	"	"	"	"	
Carbazole	BRL	138 ug/kg dry	1	"	"	"	"	"	
4-Chloro-3-methylphenol	BRL	138 ug/kg dry	1	"	"	"	"	"	
4-Chloroaniline	BRL	138 ug/kg dry	1	"	"	"	"	"	
2-Chloronaphthalene	BRL	138 ug/kg dry	1	"	"	"	"	"	
2-Chlorophenol	BRL	138 ug/kg dry	1	"	"	"	"	"	
4-Chlorophenyl phenyl ether	BRL	138 ug/kg dry	1	"	"	"	"	"	
Chrysene	BRL	138 ug/kg dry	1	"	"	"	"	"	
Dibenzo (a,h) anthracene	BRL	138 ug/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi SEPI (090104) A07094-09	0013172	Soil	09-Jan-04 14:30	10-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3550B									
Dibenzofuran	BRL	138 ug/kg dry	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	138 ug/kg dry	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	138 ug/kg dry	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	138 ug/kg dry	1	"	"	"	"	"	
3,3'-Dichlorobenzidine	BRL	138 ug/kg dry	1	"	"	"	"	"	
2,4-Dichlorophenol	BRL	138 ug/kg dry	1	"	"	"	"	"	
Diethyl phthalate	BRL	138 ug/kg dry	1	"	"	"	"	"	
Dimethyl phthalate	BRL	138 ug/kg dry	1	"	"	"	"	"	
2,4-Dimethylphenol	BRL	138 ug/kg dry	1	"	"	"	"	"	
Di-n-butyl phthalate	BRL	138 ug/kg dry	1	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	BRL	138 ug/kg dry	1	"	"	"	"	"	
2,4-Dinitrophenol	BRL	138 ug/kg dry	1	"	"	"	"	"	
2,4-Dinitrotoluene	BRL	138 ug/kg dry	1	"	"	"	"	"	
2,6-Dinitrotoluene	BRL	138 ug/kg dry	1	"	"	"	"	"	
Di-n-octyl phthalate	BRL	138 ug/kg dry	1	"	"	"	"	"	
Fluoranthene	BRL	138 ug/kg dry	1	"	"	"	"	"	
Fluorene	BRL	138 ug/kg dry	1	"	"	"	"	"	
Hexachlorobenzene	BRL	138 ug/kg dry	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	138 ug/kg dry	1	"	"	"	"	"	
Hexachlorocyclopentadiene	BRL	138 ug/kg dry	1	"	"	"	"	"	
Hexachloroethane	BRL	138 ug/kg dry	1	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	BRL	138 ug/kg dry	1	"	"	"	"	"	
1-Methylnaphthalene	BRL	138 ug/kg dry	1	"	"	"	"	"	
Isophorone	BRL	138 ug/kg dry	1	"	"	"	"	"	
2-Methylnaphthalene	BRL	138 ug/kg dry	1	"	"	"	"	"	
2-Methylphenol	BRL	138 ug/kg dry	1	"	"	"	"	"	
3-Methylphenol	BRL	138 ug/kg dry	1	"	"	"	"	"	
4-Methylphenol	BRL	138 ug/kg dry	1	"	"	"	"	"	
Naphthalene	BRL	138 ug/kg dry	1	"	"	"	"	"	
2-Nitroaniline	BRL	138 ug/kg dry	1	"	"	"	"	"	
3-Nitroaniline	BRL	138 ug/kg dry	1	"	"	"	"	"	
4-Nitroaniline	BRL	138 ug/kg dry	1	"	"	"	"	"	
Nitrobenzene	BRL	138 ug/kg dry	1	"	"	"	"	"	
2-Nitrophenol	BRL	138 ug/kg dry	1	"	"	"	"	"	
4-Nitrophenol	BRL	138 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodimethylamine	BRL	138 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodi-n-propylamine	BRL	138 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodiphenylamine	BRL	138 ug/kg dry	1	"	"	"	"	"	
Pentachlorophenol	BRL	138 ug/kg dry	1	"	"	"	"	"	
Phenanthrene	BRL	138 ug/kg dry	1	"	"	"	"	"	
Phenol	BRL	138 ug/kg dry	1	"	"	"	"	"	
Pyrene	BRL	138 ug/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi SEP1 (090104) A07094-09	0013172	Soil	09-Jan-04 14:30	10-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3550B									
Pyridine	BRL	138 ug/kg dry	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	138 ug/kg dry	1	"	"	"	"	"	
2,4,5-Trichlorophenol	BRL	138 ug/kg dry	1	"	"	"	"	"	
2,4,6-Trichlorophenol	BRL	138 ug/kg dry	1	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl	*67.0*	*30-130 %*		"	"	"	"	"	
Surrogate: 2-Fluorophenol	*67.7*	*15-110 %*		"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*71.2*	*30-130 %*		"	"	"	"	"	
Surrogate: Phenol-d5	*74.5*	*15-110 %*		"	"	"	"	"	
Surrogate: Terphenyl-dl4	*67.3*	*30-130 %*		"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol	*64.5*	*15-110 %*		"	"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods, Prepared by SW846 3050B									
Mercury	BRL	0.267 mg/kg dry	1	SW846 7471A	12-Jan-04	13-Jan-04	4010507	YP	
Total Metals by EPA 200 Series Methods									
Silver	BRL	2.96 mg/kg dry	1	EPA 200.7	"	12-Jan-04	4010505	CR	
Aluminum	14,000	4.44 mg/kg dry	1	"	"	"	"	"	
Arsenic	BRL	7.76 mg/kg dry	1	"	"	"	"	"	
arium	68.4	1.48 mg/kg dry	1	"	"	"	"	"	
Beryllium	0.710	0.591 mg/kg dry	1	"	"	"	"	"	
Calcium	2,100	14.8 mg/kg dry	1	"	"	"	"	"	
Cadmium	BRL	0.739 mg/kg dry	1	"	"	"	"	"	
Cobalt	9.48	1.48 mg/kg dry	1	"	"	"	"	"	
Chromium	13.6	1.48 mg/kg dry	1	"	"	"	"	"	
Copper	17.9	1.48 mg/kg dry	1	"	"	"	"	"	
Iron	26,100	1.48 mg/kg dry	1	"	"	"	"	"	
Potassium	963	29.6 mg/kg dry	1	"	"	"	"	"	
Magnesium	3,650	7.39 mg/kg dry	1	"	"	"	"	"	
Manganese	164	0.296 mg/kg dry	1	"	"	"	"	"	
Sodium	BRL	1070 mg/kg dry	1	"	"	"	"	"	
Nickel	21.1	1.48 mg/kg dry	1	"	"	"	"	"	
Lead	16.3	2.22 mg/kg dry	1	"	"	"	"	"	
Antimony	BRL	4.44 mg/kg dry	1	"	"	"	"	"	
Selenium	BRL	4.44 mg/kg dry	1	"	"	"	"	"	
Thallium	BRL	4.44 mg/kg dry	1	"	"	"	"	"	
Zinc	59.1	1.48 mg/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi SEP1 (090104) A07094-09	0013172	Soil	09-Jan-04 14:30	10-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Toxicity Characteristics									
pH	7.93	pH Units	1	SW846 9045	12-Jan-04 14:30	12-Jan-04	4010539	LN	
General Chemistry Parameters									
% Solids	66.3	%	1	SM2540 G Mod.	12-Jan-04	13-Jan-04	4010504	LN	
Hexavalent Chromium	BRL	13.0 mg/kg dry	1	SW846 3060A	10-Jan-04	12-Jan-04	4010493	AJ	
Cyanide (total)	BRL	1.44 mg/kg dry	1	10-204-00-1-A	12-Jan-04	12-Jan-04	4010520	AW	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi SEP2 (090104) A07094-10	0013172	Soil	09-Jan-04 15:25	10-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
VOC Extraction	Lab Extracted	N/A	1	VOC	12-Jan-04	12-Jan-04	4010538	LN	
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							VOC8
Acetone	BRL	3360 ug/kg dry	50	SW 846 8260B	12-Jan-04	12-Jan-04	4010490	kp	
Acrylonitrile	BRL	168 ug/kg dry	50	"	"	"	"	"	
Benzene	BRL	168 ug/kg dry	50	"	"	"	"	"	
Bromobenzene	BRL	168 ug/kg dry	50	"	"	"	"	"	
Bromochloromethane	BRL	168 ug/kg dry	50	"	"	"	"	"	
Bromodichloromethane	BRL	168 ug/kg dry	50	"	"	"	"	"	
Bromoform	BRL	168 ug/kg dry	50	"	"	"	"	"	
Bromomethane	BRL	336 ug/kg dry	50	"	"	"	"	"	
2-Butanone (MEK)	BRL	1680 ug/kg dry	50	"	"	"	"	"	
n-Butylbenzene	BRL	168 ug/kg dry	50	"	"	"	"	"	
sec-Butylbenzene	BRL	168 ug/kg dry	50	"	"	"	"	"	
tert-Butylbenzene	BRL	168 ug/kg dry	50	"	"	"	"	"	
Carbon disulfide	BRL	839 ug/kg dry	50	"	"	"	"	"	
Carbon tetrachloride	BRL	168 ug/kg dry	50	"	"	"	"	"	
Chlorobenzene	BRL	168 ug/kg dry	50	"	"	"	"	"	
Chloroethane	BRL	336 ug/kg dry	50	"	"	"	"	"	
Chloroform	BRL	168 ug/kg dry	50	"	"	"	"	"	
Chloromethane	BRL	336 ug/kg dry	50	"	"	"	"	"	
2-Chlorotoluene	BRL	168 ug/kg dry	50	"	"	"	"	"	
4-Chlorotoluene	BRL	168 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	336 ug/kg dry	50	"	"	"	"	"	
Dibromochloromethane	BRL	168 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	168 ug/kg dry	50	"	"	"	"	"	
Dibromomethane	BRL	168 ug/kg dry	50	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	168 ug/kg dry	50	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	168 ug/kg dry	50	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	168 ug/kg dry	50	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	336 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethane	BRL	168 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloroethane	BRL	168 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethene	BRL	168 ug/kg dry	50	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	168 ug/kg dry	50	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	168 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloropropane	BRL	168 ug/kg dry	50	"	"	"	"	"	
1,3-Dichloropropane	BRL	168 ug/kg dry	50	"	"	"	"	"	
2,2-Dichloropropane	BRL	168 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloropropene	BRL	168 ug/kg dry	50	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	168 ug/kg dry	50	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	168 ug/kg dry	50	"	"	"	"	"	
Ethylbenzene	BRL	168 ug/kg dry	50	"	"	"	"	"	
Hexachlorobutadiene	BRL	168 ug/kg dry	50	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi SEP2 (090104) A07094-10	0013172	Soil	09-Jan-04 15:25	10-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							VOC8
2-Hexanone (MBK)	BRL	1680 ug/kg dry	50	"	"	"	"	"	
Isopropylbenzene	BRL	168 ug/kg dry	50	"	"	"	"	"	
4-Isopropyltoluene	BRL	168 ug/kg dry	50	"	"	"	"	"	
Methyl tert-butyl ether	BRL	168 ug/kg dry	50	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	1680 ug/kg dry	50	"	"	"	"	"	
Methylene chloride	BRL	1680 ug/kg dry	50	"	"	"	"	"	
Naphthalene	BRL	168 ug/kg dry	50	"	"	"	"	"	
n-Propylbenzene	BRL	168 ug/kg dry	50	"	"	"	"	"	
Styrene	BRL	168 ug/kg dry	50	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	168 ug/kg dry	50	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	168 ug/kg dry	50	"	"	"	"	"	
Tetrachloroethene	BRL	168 ug/kg dry	50	"	"	"	"	"	
Toluene	BRL	168 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	168 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	168 ug/kg dry	50	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	168 ug/kg dry	50	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	168 ug/kg dry	50	"	"	"	"	"	
Trichloroethene	BRL	168 ug/kg dry	50	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	168 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	168 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	168 ug/kg dry	50	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	168 ug/kg dry	50	"	"	"	"	"	
Vinyl chloride	BRL	168 ug/kg dry	50	"	"	"	"	"	
m,p-Xylene	BRL	336 ug/kg dry	50	"	"	"	"	"	
o-Xylene	BRL	168 ug/kg dry	50	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*89.3*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*99.0*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*90.7*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*100*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi SEP2 (090104) A07094-10	0013172	Soil	09-Jan-04 15:25	10-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GC									
Polychlorinated Biphenyls by SW846 8082		Prepared by method SW846 3550B							
PCB 1016	BRL	91.2 ug/kg dry	1	SW846 8082	12-Jan-04	12-Jan-04	4010465	MP	
PCB 1221	BRL	91.2 ug/kg dry	1	"	"	"	"	"	
PCB 1232	BRL	91.2 ug/kg dry	1	"	"	"	"	"	
PCB 1242	BRL	91.2 ug/kg dry	1	"	"	"	"	"	
PCB 1248	BRL	91.2 ug/kg dry	1	"	"	"	"	"	
PCB 1254	BRL	91.2 ug/kg dry	1	"	"	"	"	"	
PCB 1260	BRL	91.2 ug/kg dry	1	"	"	"	"	"	
PCB 1262	BRL	91.2 ug/kg dry	1	"	"	"	"	"	
PCB 1268	BRL	91.2 ug/kg dry	1	"	"	"	"	"	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*96.2*	*40-140 %*		"	"	"	"	"	
Surrogate: Decachlorobiphenyl (Sr)	*96.3*	*40-140 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C		Prepared by method SW846 3550B							
Acenaphthene	BRL	252 ug/kg dry	1	SW846 8270C	12-Jan-04	13-Jan-04	4010458	M.B	
Acenaphthylene	BRL	252 ug/kg dry	1	"	"	"	"	"	
Aniline	BRL	252 ug/kg dry	1	"	"	"	"	"	
nthracene	BRL	252 ug/kg dry	1	"	"	"	"	"	
Azobenzene/Diphenyldiazine	BRL	252 ug/kg dry	1	"	"	"	"	"	
Benzidine	BRL	252 ug/kg dry	1	"	"	"	"	"	
Benzo (a) anthracene	BRL	252 ug/kg dry	1	"	"	"	"	"	
Benzo (a) pyrene	BRL	252 ug/kg dry	1	"	"	"	"	"	
Benzo (b) fluoranthene	BRL	252 ug/kg dry	1	"	"	"	"	"	
Benzo (g,h,i) perylene	BRL	252 ug/kg dry	1	"	"	"	"	"	
Benzo (k) fluoranthene	BRL	252 ug/kg dry	1	"	"	"	"	"	
Benzoic acid	BRL	252 ug/kg dry	1	"	"	"	"	"	
Benzyl alcohol	BRL	252 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroethoxy)methane	BRL	252 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroethyl)ether	BRL	252 ug/kg dry	1	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	BRL	252 ug/kg dry	1	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	BRL	252 ug/kg dry	1	"	"	"	"	"	
4-Bromophenyl phenyl ether	BRL	252 ug/kg dry	1	"	"	"	"	"	
Butyl benzyl phthalate	BRL	252 ug/kg dry	1	"	"	"	"	"	
Carbazole	BRL	252 ug/kg dry	1	"	"	"	"	"	
4-Chloro-3-methylphenol	BRL	252 ug/kg dry	1	"	"	"	"	"	
4-Chloroaniline	BRL	252 ug/kg dry	1	"	"	"	"	"	
2-Chloronaphthalene	BRL	252 ug/kg dry	1	"	"	"	"	"	
2-Chlorophenol	BRL	252 ug/kg dry	1	"	"	"	"	"	
4-Chlorophenyl phenyl ether	BRL	252 ug/kg dry	1	"	"	"	"	"	
Chrysene	BRL	252 ug/kg dry	1	"	"	"	"	"	
Dibenzo (a,h) anthracene	BRL	252 ug/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi SEP2 (090104) A07094-10	0013172	Soil	09-Jan-04 15:25	10-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3550B									
Dibenzofuran	BRL	252 ug/kg dry	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	252 ug/kg dry	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	252 ug/kg dry	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	252 ug/kg dry	1	"	"	"	"	"	
3,3'-Dichlorobenzidine	BRL	252 ug/kg dry	1	"	"	"	"	"	
2,4-Dichlorophenol	BRL	252 ug/kg dry	1	"	"	"	"	"	
Diethyl phthalate	BRL	252 ug/kg dry	1	"	"	"	"	"	
Dimethyl phthalate	BRL	252 ug/kg dry	1	"	"	"	"	"	
2,4-Dimethylphenol	BRL	252 ug/kg dry	1	"	"	"	"	"	
Di-n-butyl phthalate	BRL	252 ug/kg dry	1	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	BRL	252 ug/kg dry	1	"	"	"	"	"	
2,4-Dinitrophenol	BRL	252 ug/kg dry	1	"	"	"	"	"	
2,4-Dinitrotoluene	BRL	252 ug/kg dry	1	"	"	"	"	"	
2,6-Dinitrotoluene	BRL	252 ug/kg dry	1	"	"	"	"	"	
Di-n-octyl phthalate	BRL	252 ug/kg dry	1	"	"	"	"	"	
Fluoranthene	BRL	252 ug/kg dry	1	"	"	"	"	"	
Fluorene	BRL	252 ug/kg dry	1	"	"	"	"	"	
Hexachlorobenzene	BRL	252 ug/kg dry	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	252 ug/kg dry	1	"	"	"	"	"	
Hexachlorocyclopentadiene	BRL	252 ug/kg dry	1	"	"	"	"	"	
Hexachloroethane	BRL	252 ug/kg dry	1	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	BRL	252 ug/kg dry	1	"	"	"	"	"	
1-Methylnaphthalene	BRL	251 ug/kg dry	1	"	"	"	"	"	
Isophorone	BRL	252 ug/kg dry	1	"	"	"	"	"	
2-Methylnaphthalene	BRL	252 ug/kg dry	1	"	"	"	"	"	
2-Methylphenol	BRL	252 ug/kg dry	1	"	"	"	"	"	
3-Methylphenol	BRL	252 ug/kg dry	1	"	"	"	"	"	
4-Methylphenol	BRL	252 ug/kg dry	1	"	"	"	"	"	
Naphthalene	BRL	252 ug/kg dry	1	"	"	"	"	"	
2-Nitroaniline	BRL	252 ug/kg dry	1	"	"	"	"	"	
3-Nitroaniline	BRL	252 ug/kg dry	1	"	"	"	"	"	
4-Nitroaniline	BRL	252 ug/kg dry	1	"	"	"	"	"	
Nitrobenzene	BRL	252 ug/kg dry	1	"	"	"	"	"	
2-Nitrophenol	BRL	252 ug/kg dry	1	"	"	"	"	"	
4-Nitrophenol	BRL	252 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodimethylamine	BRL	252 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodi-n-propylamine	BRL	252 ug/kg dry	1	"	"	"	"	"	
N-Nitrosodiphenylamine	BRL	252 ug/kg dry	1	"	"	"	"	"	
Pentachlorophenol	BRL	252 ug/kg dry	1	"	"	"	"	"	
Phenanthrene	BRL	252 ug/kg dry	1	"	"	"	"	"	
Phenol	BRL	252 ug/kg dry	1	"	"	"	"	"	
Pyrene	BRL	252 ug/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi SEP2 (090104) A07094-10	0013172	Soil	09-Jan-04 15:25	10-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3550B									
Pyridine	BRL	252 ug/kg dry	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	252 ug/kg dry	1	"	"	"	"	"	
2,4,5-Trichlorophenol	BRL	252 ug/kg dry	1	"	"	"	"	"	
2,4,6-Trichlorophenol	BRL	252 ug/kg dry	1	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl	*75.1*	*30-130 %*		"	"	"	"	"	
Surrogate: 2-Fluorophenol	*68.6*	*15-110 %*		"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*70.8*	*30-130 %*		"	"	"	"	"	
Surrogate: Phenol-d5	*69.8*	*15-110 %*		"	"	"	"	"	
Surrogate: Terphenyl-dl4	*60.2*	*30-130 %*		"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol	*73.2*	*15-110 %*		"	"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods, Prepared by SW846 3050B									
Mercury	BRL	0.327 mg/kg dry	1	SW846 7471A	12-Jan-04	13-Jan-04	4010507	YP	
Total Metals by EPA 200 Series Methods									
Silver	BRL	3.56 mg/kg dry	1	EPA 200.7	"	12-Jan-04	4010505	CR	
Aluminum	10,300	5.34 mg/kg dry	1	"	"	"	"	"	
Arsenic	BRL	5.34 mg/kg dry	1	"	"	"	"	"	
ırium	71.9	1.78 mg/kg dry	1	"	"	"	"	"	
Beryllium	BRL	0.712 mg/kg dry	1	"	"	"	"	"	
Calcium	5,630	17.8 mg/kg dry	1	"	"	"	"	"	
Cadmium	BRL	0.889 mg/kg dry	1	"	"	"	"	"	
Cobalt	6.67	1.78 mg/kg dry	1	"	"	"	"	"	
Chromium	12.7	1.78 mg/kg dry	1	"	"	"	"	"	
Copper	22.2	1.78 mg/kg dry	1	"	"	"	"	"	
Iron	16,900	1.78 mg/kg dry	1	"	"	"	"	"	
Potassium	881	35.6 mg/kg dry	1	"	"	"	"	"	
Magnesium	2,760	8.89 mg/kg dry	1	"	"	"	"	"	
Manganese	131	0.356 mg/kg dry	1	"	"	"	"	"	
Sodium	BRL	1290 mg/kg dry	1	"	"	"	"	"	
Nickel	16.8	1.78 mg/kg dry	1	"	"	"	"	"	
Lead	48.7	2.67 mg/kg dry	1	"	"	"	"	"	
Antimony	BRL	5.34 mg/kg dry	1	"	"	"	"	"	
Selenium	BRL	5.34 mg/kg dry	1	"	"	"	"	"	
Thallium	BRL	5.34 mg/kg dry	1	"	"	"	"	"	
Zinc	83.6	1.78 mg/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi SEP2 (090104) SA07094-10	0013172	Soil	09-Jan-04 15:25	10-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Toxicity Characteristics									
pH	7.33	pH Units	1	SW846 9045	12-Jan-04 14:30	12-Jan-04	4010539	LN	
General Chemistry Parameters									
% Solids	48.5	%	1	SM2540 G Mod.	12-Jan-04	13-Jan-04	4010504	LN	
Hexavalent Chromium	BRL	112 mg/kg dry	5	SW846 3060A	10-Jan-04	12-Jan-04	4010493	AJ	R-01
Cyanide (total)	BRL	2.01 mg/kg dry	1	10-204-00-1-A	12-Jan-04	12-Jan-04	4010520	AW	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi SEP2 (090104) SA07094-11	0013172	Surface Water	09-Jan-04 15:25	10-Jan-04

Analyte(s)	*Result*	*RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Acetone	BRL	20.0 ug/l	1	SW 846 8260B	12-Jan-04	12-Jan-04	4010495	kw	
Acrylonitrile	BRL	1.00 ug/l	1	"	"	"	"	"	
Benzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromodichloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromoform	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromomethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Butanone (MEK)	BRL	10.0 ug/l	1	"	"	"	"	"	
n-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
sec-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
tert-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Carbon disulfide	BRL	5.00 ug/l	1	"	"	"	"	"	
Carbon tetrachloride	BRL	1.00 ug/l	1	"	"	"	"	"	
Chlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Chloroethane	BRL	2.00 ug/l	1	"	"	"	"	"	
Chloroform	BRL	1.00 ug/l	1	"	"	"	"	"	
Chloromethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	2.00 ug/l	1	"	"	"	"	"	
Dibromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	1.00 ug/l	1	"	"	"	"	"	
Dibromomethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	2.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,2-Dichloroethene	1.85	1.00 ug/l	1	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
2,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
Ethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	1.00 ug/l	1	"	"	"	"	"	
-Hexanone (MBK)	BRL	10.0 ug/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi SEP2 (090104) 3A07094-11	0013172	Surface Water	09-Jan-04 15:25	10-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Isopropylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Isopropyltoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
Methyl tert-butyl ether	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	10.0 ug/l	1	"	"	"	"	"	
Methylene chloride	BRL	10.0 ug/l	1	"	"	"	"	"	
Naphthalene	BRL	1.00 ug/l	1	"	"	"	"	"	
n-Propylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Styrene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Tetrachloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
Toluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Trichloroethene	2.67	1.00 ug/l	1	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Vinyl chloride	BRL	1.00 ug/l	1	"	"	"	"	"	
m,p-Xylene	BRL	2.00 ug/l	1	"	"	"	"	"	
o-Xylene	BRL	1.00 ug/l	1	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*101*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*99.8*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*104*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*104*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi SEP2 (090104) !A07094-11	0013172	Surface Water	09-Jan-04 15:25	10-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GC									
Polychlorinated Biphenyls by SW846 8082		Prepared by method SW846 3535							
PCB 1016	BRL	0.143 ug/l	1	SW846 8082	12-Jan-04	13-Jan-04	4010486	TG	
PCB 1221	BRL	0.143 ug/l	1	"	"	"	"	"	
PCB 1232	BRL	0.143 ug/l	1	"	"	"	"	"	
PCB 1242	BRL	0.143 ug/l	1	"	"	"	"	"	
PCB 1248	BRL	0.143 ug/l	1	"	"	"	"	"	
PCB 1254	BRL	0.143 ug/l	1	"	"	"	"	"	
PCB 1260	BRL	0.143 ug/l	1	"	"	"	"	"	
PCB 1262	BRL	0.143 ug/l	1	"	"	"	"	"	
PCB 1268	BRL	0.143 ug/l	1	"	"	"	"	"	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*94.4*	*40-140 %*		"	"	"	"	"	
Surrogate: Decachlorobiphenyl (Sr)	*95.8*	*40-140 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C		Prepared by method SW846 3535							
Acenaphthene	BRL	5.00 ug/l	1	SW846 8270C	12-Jan-04	13-Jan-04	4010485	M.B	
Acenaphthylene	BRL	5.00 ug/l	1	"	"	"	"	"	
Aniline	BRL	5.00 ug/l	1	"	"	"	"	"	
Anthracene	BRL	5.00 ug/l	1	"	"	"	"	"	
Azobenzene/Diphenyldiazine	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzidine	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (a) anthracene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (a) pyrene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (b) fluoranthene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (g,h,i) perylene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (k) fluoranthene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzoic acid	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzyl alcohol	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-chloroethoxy)methane	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-chloroethyl)ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Bromophenyl phenyl ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Butyl benzyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
Carbazole	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Chloro-3-methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Chloroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Chloronaphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Chlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Chlorophenyl phenyl ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Chrysene	BRL	5.00 ug/l	1	"	"	"	"	"	
Dibenzo (a,h) anthracene	BRL	5.00 ug/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi SEP2 (090104) 3A07094-11	0013172	Surface Water	09-Jan-04 15:25	10-Jan-04

Analyte(s)	*Result*	*RDL/Units	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3535									
Dibenzofuran	BRL	5.00 ug/l	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
3,3'-Dichlorobenzidine	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dichlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Diethyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
Dimethyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dimethylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Di-n-butyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dinitrophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dinitrotoluene	BRL	5.00 ug/l	1	"	"	"	"	"	
2,6-Dinitrotoluene	BRL	5.00 ug/l	1	"	"	"	"	"	
Di-n-octyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
Fluoranthene	BRL	5.00 ug/l	1	"	"	"	"	"	
Fluorene	BRL	5.00 ug/l	1	"	"	"	"	"	
Hexachlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	5.00 ug/l	1	"	"	"	"	"	
Hexachlorocyclopentadiene	BRL	5.00 ug/l	1	"	"	"	"	"	
Hexachloroethane	BRL	5.00 ug/l	1	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	BRL	5.00 ug/l	1	"	"	"	"	"	
1-Methylnaphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
Isophorone	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Methylnaphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
3-Methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Naphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Nitroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
3-Nitroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Nitroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
Nitrobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Nitrophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Nitrophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
N-Nitrosodimethylamine	BRL	5.00 ug/l	1	"	"	"	"	"	
N-Nitrosodi-n-propylamine	BRL	5.00 ug/l	1	"	"	"	"	"	
N-Nitrosodiphenylamine	BRL	5.00 ug/l	1	"	"	"	"	"	
Pentachlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Phenanthrene	BRL	5.00 ug/l	1	"	"	"	"	"	
Phenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Pyrene	BRL	5.00 ug/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi SEP2 (090104) 3A07094-11	0013172	Surface Water	09-Jan-04 15:25	10-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3535									
Pyridine	BRL	5.00 ug/l	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4,5-Trichlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4,6-Trichlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl	*69.9*	*30-130 %*		"	"	"	"	"	
Surrogate: 2-Fluorophenol	*74.1*	*15-110 %*		"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*79.0*	*30-130 %*		"	"	"	"	"	
Surrogate: Phenol-d5	*79.7*	*15-110 %*		"	"	"	"	"	
Surrogate: Terphenyl-dl4	*76.9*	*30-130 %*		"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol	*67.5*	*15-110 %*		"	"	"	"	"	
Total Metals by EPA 200 Series Methods									
Silver	BRL	0.0500 mg/l	1	EPA 200.7	12-Jan-04	12-Jan-04	4010528	KS	
Aluminum	95.1	0.0750 mg/l	1	"	"	"	"	"	
Arsenic	BRL	0.0450 mg/l	1	"	"	"	"	"	
Barium	1.14	0.0250 mg/l	1	"	"	"	"	"	
Beryllium	BRL	0.0100 mg/l	1	"	"	"	"	"	
Calcium	224	0.250 mg/l	1	"	"	"	"	"	
Cadmium	BRL	0.0125 mg/l	1	"	"	"	"	"	
Cobalt	0.0832	0.0250 mg/l	1	"	"	"	"	"	
Chromium	0.131	0.0250 mg/l	1	"	"	"	"	"	
Copper	0.294	0.0250 mg/l	1	"	"	"	"	"	
Iron	229	0.0250 mg/l	1	"	"	"	"	"	
Mercury	0.00061	0.00040 mg/l	1	EPA 245.2/7470A	"	13-Jan-04	4010529	YP	
Potassium	10.7	0.500 mg/l	1	EPA 200.7	"	12-Jan-04	4010528	KS	
Magnesium	57.6	0.125 mg/l	1	"	"	"	"	"	
Manganese	8.68	0.0050 mg/l	1	"	"	"	"	"	
Sodium	329	0.250 mg/l	1	"	"	"	"	"	
Nickel	0.197	0.0250 mg/l	1	"	"	"	"	"	
Lead	0.529	0.0375 mg/l	1	"	"	"	"	"	
Antimony	BRL	0.0600 mg/l	1	"	"	"	"	"	
Selenium	BRL	0.0750 mg/l	1	"	"	"	"	"	
Thallium	BRL	0.0500 mg/l	1	"	"	"	"	"	
Zinc	1.11	0.0250 mg/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi SEP2 (090104) 3A07094-11	0013172	Surface Water	09-Jan-04 15:25	10-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
General Chemistry Parameters									
Hexavalent Chromium	BRL	0.025 mg/l	5	SM3500CrD/7196A	10-Jan-04 13:30	10-Jan-04	4010573	AW	
Cyanide (total)	BRL	0.0100 mg/l	1	10-204-00-1-A	12-Jan-04	13-Jan-04	4010571	"	
pH	7.33	pH Units	1	EPA 150.1	10-Jan-04 14:00	10-Jan-04	4010497	WH	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi TB1 (090104) A07094-12	0013172	Surface Water	09-Jan-04 00:00	10-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Acetone	BRL	20.0 ug/l	1	SW 846 8260B	12-Jan-04	12-Jan-04	4010495	kw	
Acrylonitrile	BRL	1.00 ug/l	1	"	"	"	"	"	
Benzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromodichloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromoform	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromomethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Butanone (MEK)	BRL	10.0 ug/l	1	"	"	"	"	"	
n-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
sec-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
tert-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Carbon disulfide	BRL	5.00 ug/l	1	"	"	"	"	"	
Carbon tetrachloride	BRL	1.00 ug/l	1	"	"	"	"	"	
Chlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Chloroethane	BRL	2.00 ug/l	1	"	"	"	"	"	
Chloroform	BRL	1.00 ug/l	1	"	"	"	"	"	
Chloromethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	2.00 ug/l	1	"	"	"	"	"	
Dibromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	1.00 ug/l	1	"	"	"	"	"	
Dibromomethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	2.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
2,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
Ethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	1.00 ug/l	1	"	"	"	"	"	
2-Hexanone (MBK)	BRL	10.0 ug/l	1	"	"	"	"	"	

This laboratory report is not valid without an authorized signature on the cover page.

*Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi TB1 (090104) 3A07094-12	0013172	Surface Water	09-Jan-04 00:00	10-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Isopropylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Isopropyltoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
Methyl tert-butyl ether	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	10.0 ug/l	1	"	"	"	"	"	
Methylene chloride	BRL	10.0 ug/l	1	"	"	"	"	"	
Naphthalene	BRL	1.00 ug/l	1	"	"	"	"	"	
n-Propylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Styrene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Tetrachloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
Toluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Trichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Vinyl chloride	BRL	1.00 ug/l	1	"	"	"	"	"	
m,p-Xylene	BRL	2.00 ug/l	1	"	"	"	"	"	
o-Xylene	BRL	1.00 ug/l	1	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*102*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*99.8*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*106*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*104*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi TB2 (090104) A07094-13	0013172	Surface Water	09-Jan-04 00:00	10-Jan-04

Analyte(s)	*Result*	*RDL/Units	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Acetone	BRL	20.0 ug/l	1	SW 846 8260B	12-Jan-04	12-Jan-04	4010495	kw	
Acrylonitrile	BRL	1.00 ug/l	1	"	"	"	"	"	
Benzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromodichloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromoform	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromomethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Butanone (MEK)	BRL	10.0 ug/l	1	"	"	"	"	"	
n-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
sec-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
tert-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Carbon disulfide	BRL	5.00 ug/l	1	"	"	"	"	"	
Carbon tetrachloride	BRL	1.00 ug/l	1	"	"	"	"	"	
Chlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Chloroethane	BRL	2.00 ug/l	1	"	"	"	"	"	
Chloroform	BRL	1.00 ug/l	1	"	"	"	"	"	
Chloromethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	2.00 ug/l	1	"	"	"	"	"	
Dibromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	1.00 ug/l	1	"	"	"	"	"	
Dibromomethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	2.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
2,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
Ethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	1.00 ug/l	1	"	"	"	"	"	
2-Hexanone (MBK)	BRL	10.0 ug/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi TB2 (090104) SA07094-13	0013172	Surface Water	09-Jan-04 00:00	10-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Isopropylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Isopropyltoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
Methyl tert-butyl ether	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	10.0 ug/l	1	"	"	"	"	"	
Methylene chloride	BRL	10.0 ug/l	1	"	"	"	"	"	
Naphthalene	BRL	1.00 ug/l	1	"	"	"	"	"	
n-Propylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Styrene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Tetrachloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
Toluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Trichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Vinyl chloride	BRL	1.00 ug/l	1	"	"	"	"	"	
m,p-Xylene	BRL	2.00 ug/l	1	"	"	"	"	"	
o-Xylene	BRL	1.00 ug/l	1	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*101*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*100*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*107*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*106*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi STR3 (090104) A07094-14	0013172	Surface Water	09-Jan-04 16:00	10-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Acetone	BRL	20.0 ug/l	1	SW 846 8260B	12-Jan-04	12-Jan-04	4010495	kw	
Acrylonitrile	BRL	1.00 ug/l	1	"	"	"	"	"	
Benzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromodichloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromoform	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromomethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Butanone (MEK)	BRL	10.0 ug/l	1	"	"	"	"	"	
n-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
sec-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
tert-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Carbon disulfide	BRL	5.00 ug/l	1	"	"	"	"	"	
Carbon tetrachloride	BRL	1.00 ug/l	1	"	"	"	"	"	
Chlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Chloroethane	BRL	2.00 ug/l	1	"	"	"	"	"	
Chloroform	BRL	1.00 ug/l	1	"	"	"	"	"	
Chloromethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	2.00 ug/l	1	"	"	"	"	"	
Dibromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	1.00 ug/l	1	"	"	"	"	"	
Dibromomethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	2.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,2-Dichloroethene	1.02	1.00 ug/l	1	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
2,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
Ethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	1.00 ug/l	1	"	"	"	"	"	
2-Hexanone (MBK)	BRL	10.0 ug/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi STR3 (090104) SA07094-14	0013172	Surface Water	09-Jan-04 16:00	10-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Isopropylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Isopropyltoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
Methyl tert-butyl ether	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	10.0 ug/l	1	"	"	"	"	"	
Methylene chloride	BRL	10.0 ug/l	1	"	"	"	"	"	
Naphthalene	BRL	1.00 ug/l	1	"	"	"	"	"	
n-Propylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Styrene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Tetrachloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
Toluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Trichloroethene	1.25	1.00 ug/l	1	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Vinyl chloride	BRL	1.00 ug/l	1	"	"	"	"	"	
m,p-Xylene	BRL	2.00 ug/l	1	"	"	"	"	"	
o-Xylene	BRL	1.00 ug/l	1	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*102*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*99.0*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*103*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*103*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi STR3 (090104) ;A07094-14	0013172	Surface Water	09-Jan-04 16:00	10-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GC									
Polychlorinated Biphenyls by SW846 8082		Prepared by method SW846 3535							
PCB 1016	BRL	0.100 ug/l	1	SW846 8082	12-Jan-04	13-Jan-04	4010486	TG	
PCB 1221	BRL	0.100 ug/l	1	"	"	"	"	"	
PCB 1232	BRL	0.100 ug/l	1	"	"	"	"	"	
PCB 1242	BRL	0.100 ug/l	1	"	"	"	"	"	
PCB 1248	BRL	0.100 ug/l	1	"	"	"	"	"	
PCB 1254	BRL	0.100 ug/l	1	"	"	"	"	"	
PCB 1260	BRL	0.100 ug/l	1	"	"	"	"	"	
PCB 1262	BRL	0.100 ug/l	1	"	"	"	"	"	
PCB 1268	BRL	0.100 ug/l	1	"	"	"	"	"	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*89.0*	*40-140 %*		"	"	"	"	"	
Surrogate: Decachlorobiphenyl (Sr)	*91.5*	*40-140 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C		Prepared by method SW846 3535							
Acenaphthene	BRL	5.00 ug/l	1	SW846 8270C	12-Jan-04	13-Jan-04	4010485	M.B	
Acenaphthylene	BRL	5.00 ug/l	1	"	"	"	"	"	
Aniline	BRL	5.00 ug/l	1	"	"	"	"	"	
Anthracene	BRL	5.00 ug/l	1	"	"	"	"	"	
Azobenzene/Diphenyldiazine	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzidine	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (a) anthracene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (a) pyrene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (b) fluoranthene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (g,h,i) perylene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (k) fluoranthene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzoic acid	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzyl alcohol	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-chloroethoxy)methane	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-chloroethyl)ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Bromophenyl phenyl ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Butyl benzyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
Carbazole	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Chloro-3-methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Chloroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Chloronaphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Chlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Chlorophenyl phenyl ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Chrysene	BRL	5.00 ug/l	1	"	"	"	"	"	
Dibenzo (a,h) anthracene	BRL	5.00 ug/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi STR3 (090104) 3A07094-14	0013172	Surface Water	09-Jan-04 16:00	10-Jan-04

Analyte(s)	*Result*	*RDL/Units	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3535									
Dibenzofuran	BRL	5.00 ug/l	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
3,3'-Dichlorobenzidine	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dichlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Diethyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
Dimethyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dimethylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Di-n-butyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dinitrophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dinitrotoluene	BRL	5.00 ug/l	1	"	"	"	"	"	
2,6-Dinitrotoluene	BRL	5.00 ug/l	1	"	"	"	"	"	
Di-n-octyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
Fluoranthene	BRL	5.00 ug/l	1	"	"	"	"	"	
Fluorene	BRL	5.00 ug/l	1	"	"	"	"	"	
Hexachlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	5.00 ug/l	1	"	"	"	"	"	
Hexachlorocyclopentadiene	BRL	5.00 ug/l	1	"	"	"	"	"	
Hexachloroethane	BRL	5.00 ug/l	1	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	BRL	5.00 ug/l	1	"	"	"	"	"	
1-Methylnaphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
Isophorone	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Methylnaphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
3-Methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Naphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Nitroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
3-Nitroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Nitroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
Nitrobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Nitrophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Nitrophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
N-Nitrosodimethylamine	BRL	5.00 ug/l	1	"	"	"	"	"	
N-Nitrosodi-n-propylamine	BRL	5.00 ug/l	1	"	"	"	"	"	
N-Nitrosodiphenylamine	BRL	5.00 ug/l	1	"	"	"	"	"	
Pentachlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Phenanthrene	BRL	5.00 ug/l	1	"	"	"	"	"	
Phenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Pyrene	BRL	5.00 ug/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi STR3 (090104) 3A07094-14	0013172	Surface Water	09-Jan-04 16:00	10-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3535									
Pyridine	BRL	5.00 ug/l	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4,5-Trichlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4,6-Trichlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl	*82.4*	*30-130 %*		"	"	"	"	"	
Surrogate: 2-Fluorophenol	*73.4*	*15-110 %*		"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*75.4*	*30-130 %*		"	"	"	"	"	
Surrogate: Phenol-d5	*78.7*	*15-110 %*		"	"	"	"	"	
Surrogate: Terphenyl-dl4	*76.3*	*30-130 %*		"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol	*72.9*	*15-110 %*		"	"	"	"	"	
Total Metals by EPA 200 Series Methods									
Silver	BRL	0.0050 mg/l	1	EPA 200.7	12-Jan-04	12-Jan-04	4010528	KS	
Aluminum	BRL	0.125 mg/l	1	"	"	"	"	"	
Arsenic	BRL	0.0040 mg/l	1	"	"	"	"	"	
Barium	0.0413	0.0025 mg/l	1	"	"	"	"	"	
Beryllium	BRL	0.0010 mg/l	1	"	"	"	"	"	
Calcium	70.8	0.0250 mg/l	1	"	"	"	"	"	
Cadmium	BRL	0.0012 mg/l	1	"	"	"	"	"	
Cobalt	BRL	0.0025 mg/l	1	"	"	"	"	"	
Chromium	BRL	0.0025 mg/l	1	"	"	"	"	"	
Copper	BRL	0.0025 mg/l	1	"	"	"	"	"	
Iron	0.0462	0.0025 mg/l	1	"	"	"	"	"	
Mercury	BRL	0.00040 mg/l	1	EPA 245.2/7470A	"	13-Jan-04	4010529	YP	
Potassium	1.44	0.0500 mg/l	1	EPA 200.7	"	12-Jan-04	4010528	KS	
Magnesium	16.3	0.0125 mg/l	1	"	"	"	"	"	
Manganese	0.0068	0.0005 mg/l	1	"	"	"	"	"	
Sodium	106	0.250 mg/l	10	"	"	13-Jan-04	"	"	
Nickel	BRL	0.0025 mg/l	1	"	"	12-Jan-04	"	"	
Lead	BRL	0.0038 mg/l	1	"	"	"	"	"	
Antimony	BRL	0.0060 mg/l	1	"	"	"	"	"	
Selenium	BRL	0.0075 mg/l	1	"	"	"	"	"	
Thallium	BRL	0.0050 mg/l	1	"	"	"	"	"	
Zinc	0.0065	0.0025 mg/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi STR3 (090104) SA07094-14	0013172	Surface Water	09-Jan-04 16:00	10-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
General Chemistry Parameters									
Hexavalent Chromium	BRL	0.010 mg/l	1	SM3500CrD/7196A	10-Jan-04 13:30	10-Jan-04	4010573	AW	R-01
Cyanide (total)	BRL	0.0100 mg/l	1	10-204-00-1-A	12-Jan-04	13-Jan-04	4010571	"	
pH	8.01	pH Units	1	EPA 150.1	10-Jan-04 14:00	10-Jan-04	4010497	WH	

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010490 - Volatiles										
Blank (4010490-BLK1)				Prepared & Analyzed: 12-Jan-04						
Acetone	BRL	20.0	ug/kg wet							
Acrylonitrile	BRL	1.00	ug/kg wet							
Benzene	BRL	1.00	ug/kg wet							
Bromobenzene	BRL	1.00	ug/kg wet							
Bromochloromethane	BRL	1.00	ug/kg wet							
Bromodichloromethane	BRL	1.00	ug/kg wet							
Bromoform	BRL	1.00	ug/kg wet							
Bromomethane	BRL	2.00	ug/kg wet							
2-Butanone (MEK)	BRL	10.0	ug/kg wet							
n-Butylbenzene	BRL	1.00	ug/kg wet							
sec-Butylbenzene	BRL	1.00	ug/kg wet							
tert-Butylbenzene	BRL	1.00	ug/kg wet							
Carbon disulfide	BRL	5.00	ug/kg wet							
Carbon tetrachloride	BRL	1.00	ug/kg wet							
Chlorobenzene	BRL	1.00	ug/kg wet							
Chloroethane	BRL	2.00	ug/kg wet							
Chloroform	BRL	1.00	ug/kg wet							
Chloromethane	BRL	2.00	ug/kg wet							
2-Chlorotoluene	BRL	1.00	ug/kg wet							
4-Chlorotoluene	BRL	1.00	ug/kg wet							
1,2-Dibromo-3-chloropropane	BRL	2.00	ug/kg wet							
Dibromochloromethane	BRL	1.00	ug/kg wet							
1,2-Dibromoethane (EDB)	BRL	1.00	ug/kg wet							
Dibromomethane	BRL	1.00	ug/kg wet							
1,2-Dichlorobenzene	BRL	1.00	ug/kg wet							
1,3-Dichlorobenzene	BRL	1.00	ug/kg wet							
1,4-Dichlorobenzene	BRL	1.00	ug/kg wet							
Dichlorodifluoromethane (Freon12)	BRL	2.00	ug/kg wet							
1,1-Dichloroethane	BRL	1.00	ug/kg wet							
1,2-Dichloroethane	BRL	1.00	ug/kg wet							
1,1-Dichloroethene	BRL	1.00	ug/kg wet							
cis-1,2-Dichloroethene	BRL	1.00	ug/kg wet							
trans-1,2-Dichloroethene	BRL	1.00	ug/kg wet							
1,2-Dichloropropane	BRL	1.00	ug/kg wet							
1,3-Dichloropropane	BRL	1.00	ug/kg wet							
2,2-Dichloropropane	BRL	1.00	ug/kg wet							
1,1-Dichloropropene	BRL	1.00	ug/kg wet							
cis-1,3-Dichloropropene	BRL	1.00	ug/kg wet							
trans-1,3-Dichloropropene	BRL	1.00	ug/kg wet							
Ethylbenzene	BRL	1.00	ug/kg wet							
Hexachlorobutadiene	BRL	1.00	ug/kg wet							
2-Hexanone (MBK)	BRL	10.0	ug/kg wet							
Isopropylbenzene	BRL	1.00	ug/kg wet							
4-Isopropyltoluene	BRL	1.00	ug/kg wet							
Methyl tert-butyl ether	BRL	1.00	ug/kg wet							
4-Methyl-2-pentanone (MIBK)	BRL	10.0	ug/kg wet							
Methylene chloride	BRL	10.0	ug/kg wet							
Naphthalene	BRL	1.00	ug/kg wet							
n-Propylbenzene	BRL	1.00	ug/kg wet							
Styrene	BRL	1.00	ug/kg wet							
1,1,1,2-Tetrachloroethane	BRL	1.00	ug/kg wet							
1,1,2,2-Tetrachloroethane	BRL	1.00	ug/kg wet							
Tetrachloroethene	BRL	1.00	ug/kg wet							
Toluene	BRL	1.00	ug/kg wet							

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010490 - Volatiles										
Blank (4010490-BLK1)				Prepared & Analyzed: 12-Jan-04						
1,2,3-Trichlorobenzene	BRL	1.00	ug/kg wet							
1,2,4-Trichlorobenzene	BRL	1.00	ug/kg wet							
1,1,1-Trichloroethane	BRL	1.00	ug/kg wet							
1,1,2-Trichloroethane	BRL	1.00	ug/kg wet							
Trichloroethene	BRL	1.00	ug/kg wet							
Trichlorofluoromethane (Freon 11)	BRL	1.00	ug/kg wet							
1,2,3-Trichloropropane	BRL	1.00	ug/kg wet							
1,2,4-Trimethylbenzene	BRL	1.00	ug/kg wet							
1,3,5-Trimethylbenzene	BRL	1.00	ug/kg wet							
Vinyl chloride	BRL	1.00	ug/kg wet							
m,p-Xylene	BRL	2.00	ug/kg wet							
o-Xylene	BRL	1.00	ug/kg wet							
Surrogate: 4-Bromofluorobenzene	*27.6*		ug/kg wet	*30.0*		*92.0*	*70-130*			
Surrogate: Toluene-d8	*30.2*		ug/kg wet	*30.0*		*101*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*26.9*		ug/kg wet	*30.0*		*89.7*	*70-130*			
Surrogate: Dibromofluoromethane	*29.6*		ug/kg wet	*30.0*		*98.7*	*70-130*			
Matrix Spike (4010490-MS1)	Source: SA07057-01			Prepared & Analyzed: 12-Jan-04						
Benzene	23.3		ug/kg dry	20.0	BRL	116	70-130			
Chlorobenzene	23.0		ug/kg dry	20.0	BRL	115	70-130			
1,1-Dichloroethene	24.9		ug/kg dry	20.0	BRL	124	70-130			
Toluene	22.3		ug/kg dry	20.0	BRL	112	70-130			
Trichloroethene	22.6		ug/kg dry	20.0	BRL	113	70-130			
Surrogate: 4-Bromofluorobenzene	*28.7*		ug/kg dry	*30.0*		*95.7*	*70-130*			
Surrogate: Toluene-d8	*29.2*		ug/kg dry	*30.0*		*97.3*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*27.0*		ug/kg dry	*30.0*		*90.0*	*70-130*			
Surrogate: Dibromofluoromethane	*29.3*		ug/kg dry	*30.0*		*97.7*	*70-130*			
Matrix Spike Dup (4010490-MSD1)	Source: SA07057-01			Prepared & Analyzed: 12-Jan-04						
Benzene	22.7		ug/kg dry	20.0	BRL	114	70-130	1.74	30	
Chlorobenzene	22.3		ug/kg dry	20.0	BRL	112	70-130	2.64	30	
1,1-Dichloroethene	24.6		ug/kg dry	20.0	BRL	123	70-130	0.810	30	
Toluene	22.4		ug/kg dry	20.0	BRL	112	70-130	0.00	30	
Trichloroethene	22.1		ug/kg dry	20.0	BRL	110	70-130	2.69	30	
Surrogate: 4-Bromofluorobenzene	*28.2*		ug/kg dry	*30.0*		*94.0*	*70-130*			
Surrogate: Toluene-d8	*29.4*		ug/kg dry	*30.0*		*98.0*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*26.1*		ug/kg dry	*30.0*		*87.0*	*70-130*			
Surrogate: Dibromofluoromethane	*29.4*		ug/kg dry	*30.0*		*98.0*	*70-130*			
Batch 4010495 - Volatiles										
Blank (4010495-BLK1)				Prepared & Analyzed: 12-Jan-04						
Acetone	BRL	20.0	ug/l							
Acrylonitrile	BRL	1.00	ug/l							
Benzene	BRL	1.00	ug/l							
Bromobenzene	BRL	1.00	ug/l							
Bromochloromethane	BRL	1.00	ug/l							
Bromodichloromethane	BRL	1.00	ug/l							
Bromoform	BRL	1.00	ug/l							
Bromomethane	BRL	2.00	ug/l							
2-Butanone (MEK)	BRL	10.0	ug/l							
n-Butylbenzene	BRL	1.00	ug/l							
sec-Butylbenzene	BRL	1.00	ug/l							
tert-Butylbenzene	BRL	1.00	ug/l							
Carbon disulfide	BRL	5.00	ug/l							
Carbon tetrachloride	BRL	1.00	ug/l							

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010495 - Volatiles										
Blank (4010495-BLK1)				Prepared & Analyzed: 12-Jan-04						
Chlorobenzene	BRL	1.00	ug/l							
Chloroethane	BRL	2.00	ug/l							
Chloroform	BRL	1.00	ug/l							
Chloromethane	BRL	2.00	ug/l							
2-Chlorotoluene	BRL	1.00	ug/l							
4-Chlorotoluene	BRL	1.00	ug/l							
1,2-Dibromo-3-chloropropane	BRL	2.00	ug/l							
Dibromochloromethane	BRL	1.00	ug/l							
1,2-Dibromoethane (EDB)	BRL	1.00	ug/l							
Dibromomethane	BRL	1.00	ug/l							
1,2-Dichlorobenzene	BRL	1.00	ug/l							
1,3-Dichlorobenzene	BRL	1.00	ug/l							
1,4-Dichlorobenzene	BRL	1.00	ug/l							
Dichlorodifluoromethane (Freon12)	BRL	2.00	ug/l							
1,1-Dichloroethane	BRL	1.00	ug/l							
1,2-Dichloroethane	BRL	1.00	ug/l							
1,1-Dichloroethene	BRL	1.00	ug/l							
cis-1,2-Dichloroethene	BRL	1.00	ug/l							
trans-1,2-Dichloroethene	BRL	1.00	ug/l							
1,2-Dichloropropane	BRL	1.00	ug/l							
1,3-Dichloropropane	BRL	1.00	ug/l							
2,2-Dichloropropane	BRL	1.00	ug/l							
1,1-Dichloropropene	BRL	1.00	ug/l							
cis-1,3-Dichloropropene	BRL	1.00	ug/l							
trans-1,3-Dichloropropene	BRL	1.00	ug/l							
Ethylbenzene	BRL	1.00	ug/l							
Hexachlorobutadiene	BRL	1.00	ug/l							
2-Hexanone (MBK)	BRL	10.0	ug/l							
Isopropylbenzene	BRL	1.00	ug/l							
4-Isopropyltoluene	BRL	1.00	ug/l							
Methyl tert-butyl ether	BRL	1.00	ug/l							
4-Methyl-2-pentanone (MIBK)	BRL	10.0	ug/l							
Methylene chloride	BRL	10.0	ug/l							
Naphthalene	BRL	1.00	ug/l							
n-Propylbenzene	BRL	1.00	ug/l							
Styrene	BRL	1.00	ug/l							
1,1,1,2-Tetrachloroethane	BRL	1.00	ug/l							
1,1,2,2-Tetrachloroethane	BRL	1.00	ug/l							
Tetrachloroethene	BRL	1.00	ug/l							
Toluene	BRL	1.00	ug/l							
1,2,3-Trichlorobenzene	BRL	1.00	ug/l							
1,2,4-Trichlorobenzene	BRL	1.00	ug/l							
1,1,1-Trichloroethane	BRL	1.00	ug/l							
1,1,2-Trichloroethane	BRL	1.00	ug/l							
Trichloroethene	BRL	1.00	ug/l							
Trichlorofluoromethane (Freon 11)	BRL	1.00	ug/l							
1,2,3-Trichloropropane	BRL	1.00	ug/l							
1,2,4-Trimethylbenzene	BRL	1.00	ug/l							
1,3,5-Trimethylbenzene	BRL	1.00	ug/l							
Vinyl chloride	BRL	1.00	ug/l							
m,p-Xylene	BRL	2.00	ug/l							
o-Xylene	BRL	1.00	ug/l							
Surrogate: 4-Bromofluorobenzene	*50.8*		ug/l	*50.0*		*102*	*70-130*			
Surrogate: Toluene-d8	*50.4*		ug/l	*50.0*		*101*	*70-130*			

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010495 - Volatiles										
Blank (4010495-BLK1)				Prepared & Analyzed: 12-Jan-04						
Surrogate: 1,2-Dichloroethane-d4	*51.2*		ug/l	*50.0*		*102*	*70-130*			
Surrogate: Dibromofluoromethane	*52.4*		ug/l	*50.0*		*105*	*70-130*			
Matrix Spike (4010495-MS1)	Source: SA07099-12			Prepared & Analyzed: 12-Jan-04						
Benzene	22.5		ug/l	20.0	BRL	112	70-130			
Chlorobenzene	21.1		ug/l	20.0	BRL	106	70-130			
1,1-Dichloroethene	24.2		ug/l	20.0	BRL	121	70-130			
Toluene	22.8		ug/l	20.0	BRL	114	70-130			
Trichloroethene	23.0		ug/l	20.0	0.520	112	70-130			
Surrogate: 4-Bromofluorobenzene	*47.2*		ug/l	*50.0*		*94.4*	*70-130*			
Surrogate: Toluene-d8	*50.2*		ug/l	*50.0*		*100*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*51.4*		ug/l	*50.0*		*103*	*70-130*			
Surrogate: Dibromofluoromethane	*51.3*		ug/l	*50.0*		*103*	*70-130*			
Matrix Spike Dup (4010495-MSD1)	Source: SA07099-12			Prepared & Analyzed: 12-Jan-04						
Benzene	22.9		ug/l	20.0	BRL	114	70-130	1.77	30	
Chlorobenzene	23.8		ug/l	20.0	BRL	119	70-130	11.6	30	
1,1-Dichloroethene	23.4		ug/l	20.0	BRL	117	70-130	3.36	30	
Toluene	23.4		ug/l	20.0	BRL	117	70-130	2.60	30	
Trichloroethene	22.6		ug/l	20.0	0.520	110	70-130	1.80	30	
Surrogate: 4-Bromofluorobenzene	*52.5*		ug/l	*50.0*		*105*	*70-130*			
Surrogate: Toluene-d8	*50.2*		ug/l	*50.0*		*100*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*53.0*		ug/l	*50.0*		*106*	*70-130*			
Surrogate: Dibromofluoromethane	*52.2*		ug/l	*50.0*		*104*	*70-130*			
Batch 4010560 - SW846 5035A										
Blank (4010560-BLK1)				Prepared & Analyzed: 12-Jan-04						
Acetone	BRL	100	ug/kg wet							
Acrylonitrile	BRL	5.00	ug/kg wet							
Benzene	BRL	5.00	ug/kg wet							
Bromobenzene	BRL	5.00	ug/kg wet							
Bromochloromethane	BRL	5.00	ug/kg wet							
Bromodichloromethane	BRL	5.00	ug/kg wet							
Bromoform	BRL	5.00	ug/kg wet							
Bromomethane	BRL	10.0	ug/kg wet							
2-Butanone (MEK)	BRL	50.0	ug/kg wet							
n-Butylbenzene	BRL	5.00	ug/kg wet							
sec-Butylbenzene	BRL	5.00	ug/kg wet							
tert-Butylbenzene	BRL	5.00	ug/kg wet							
Carbon disulfide	BRL	25.0	ug/kg wet							
Carbon tetrachloride	BRL	5.00	ug/kg wet							
Chlorobenzene	BRL	5.00	ug/kg wet							
Chloroethane	BRL	10.0	ug/kg wet							
Chloroform	BRL	5.00	ug/kg wet							
Chloromethane	BRL	10.0	ug/kg wet							
2-Chlorotoluene	BRL	5.00	ug/kg wet							
4-Chlorotoluene	BRL	5.00	ug/kg wet							
1,2-Dibromo-3-chloropropane	BRL	10.0	ug/kg wet							
Dibromochloromethane	BRL	5.00	ug/kg wet							
1,2-Dibromoethane (EDB)	BRL	5.00	ug/kg wet							
Dibromomethane	BRL	5.00	ug/kg wet							
1,2-Dichlorobenzene	BRL	5.00	ug/kg wet							
1,3-Dichlorobenzene	BRL	5.00	ug/kg wet							
1,4-Dichlorobenzene	BRL	5.00	ug/kg wet							
Dichlorodifluoromethane (Freon12)	BRL	10.0	ug/kg wet							

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010560 - SW846 5035A										
Blank (4010560-BLK1)				Prepared & Analyzed: 12-Jan-04						
1,1-Dichloroethane	BRL	5.00	ug/kg wet							
1,2-Dichloroethane	BRL	5.00	ug/kg wet							
1,1-Dichloroethene	BRL	5.00	ug/kg wet							
cis-1,2-Dichloroethene	BRL	5.00	ug/kg wet							
trans-1,2-Dichloroethene	BRL	5.00	ug/kg wet							
1,2-Dichloropropane	BRL	5.00	ug/kg wet							
1,3-Dichloropropane	BRL	5.00	ug/kg wet							
2,2-Dichloropropane	BRL	5.00	ug/kg wet							
1,1-Dichloropropene	BRL	5.00	ug/kg wet							
cis-1,3-Dichloropropene	BRL	5.00	ug/kg wet							
trans-1,3-Dichloropropene	BRL	5.00	ug/kg wet							
Ethylbenzene	BRL	5.00	ug/kg wet							
Hexachlorobutadiene	BRL	5.00	ug/kg wet							
2-Hexanone (MBK)	BRL	50.0	ug/kg wet							
Isopropylbenzene	BRL	5.00	ug/kg wet							
4-Isopropyltoluene	BRL	5.00	ug/kg wet							
Methyl tert-butyl ether	BRL	5.00	ug/kg wet							
4-Methyl-2-pentanone (MIBK)	BRL	50.0	ug/kg wet							
Methylene chloride	BRL	50.0	ug/kg wet							
Naphthalene	BRL	5.00	ug/kg wet							
n-Propylbenzene	BRL	5.00	ug/kg wet							
Styrene	BRL	5.00	ug/kg wet							
1,1,1,2-Tetrachloroethane	BRL	5.00	ug/kg wet							
1,1,2,2-Tetrachloroethane	BRL	5.00	ug/kg wet							
Tetrachloroethene	BRL	5.00	ug/kg wet							
Toluene	BRL	5.00	ug/kg wet							
1,2,3-Trichlorobenzene	BRL	5.00	ug/kg wet							
1,2,4-Trichlorobenzene	BRL	5.00	ug/kg wet							
1,1,1-Trichloroethane	BRL	5.00	ug/kg wet							
1,1,2-Trichloroethane	BRL	5.00	ug/kg wet							
Trichloroethene	BRL	5.00	ug/kg wet							
Trichlorofluoromethane (Freon 11)	BRL	5.00	ug/kg wet							
1,2,3-Trichloropropane	BRL	5.00	ug/kg wet							
1,2,4-Trimethylbenzene	BRL	5.00	ug/kg wet							
1,3,5-Trimethylbenzene	BRL	5.00	ug/kg wet							
Vinyl chloride	BRL	5.00	ug/kg wet							
m,p-Xylene	BRL	10.0	ug/kg wet							
o-Xylene	BRL	5.00	ug/kg wet							
Surrogate: 4-Bromofluorobenzene	*49.7*		ug/kg wet	*50.0*		*99.4*	*70-130*			
Surrogate: Toluene-d8	*49.8*		ug/kg wet	*50.0*		*99.6*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*64.8*		ug/kg wet	*50.0*		*130*	*70-130*			
Surrogate: Dibromofluoromethane	*55.5*		ug/kg wet	*50.0*		*111*	*70-130*			

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010465 - SW846 3550B										
Blank (4010465-BLK1)				Prepared & Analyzed: 12-Jan-04						
PCB 1016	BRL	36.4	ug/kg wet							
PCB 1221	BRL	36.4	ug/kg wet							
PCB 1232	BRL	36.4	ug/kg wet							
PCB 1242	BRL	36.4	ug/kg wet							
PCB 1248	BRL	36.4	ug/kg wet							
PCB 1254	BRL	36.4	ug/kg wet							
PCB 1260	BRL	36.4	ug/kg wet							
PCB 1262	BRL	36.4	ug/kg wet							
PCB 1268	BRL	36.4	ug/kg wet							
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*29.7*		ug/kg wet	*36.4*		*81.6*	*40-140*			
Surrogate: Decachlorobiphenyl (Sr)	*31.4*		ug/kg wet	*36.4*		*86.3*	*40-140*			
Duplicate (4010465-DUP1)		Source: SA07059-01		Prepared & Analyzed: 12-Jan-04						
PCB 1016	BRL	29.3	ug/kg dry		BRL				40	
PCB 1221	BRL	29.3	ug/kg dry		BRL				40	
PCB 1232	BRL	29.3	ug/kg dry		BRL				40	
PCB 1242	BRL	29.3	ug/kg dry		BRL				40	
PCB 1248	BRL	29.3	ug/kg dry		BRL				40	
PCB 1254	BRL	29.3	ug/kg dry		BRL				40	
PCB 1260	BRL	29.3	ug/kg dry		BRL				40	
PCB 1262	BRL	29.3	ug/kg dry		BRL				40	
PCB 1268	BRL	29.3	ug/kg dry		BRL				40	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*29.8*		ug/kg dry	*29.3*		*102*	*40-140*			
Surrogate: Decachlorobiphenyl (Sr)	*25.7*		ug/kg dry	*29.3*		*87.7*	*40-140*			
Matrix Spike (4010465-MS1)		Source: SA07059-01		Prepared & Analyzed: 12-Jan-04						
PCB 1016	316	29.6	ug/kg dry	370	BRL	85.4	40-140			
PCB 1260	315	29.6	ug/kg dry	370	BRL	85.1	40-140			
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*19.8*		ug/kg dry	*29.6*		*66.9*	*40-140*			
Surrogate: Decachlorobiphenyl (Sr)	*18.4*		ug/kg dry	*29.6*		*62.2*	*40-140*			
Matrix Spike Dup (4010465-MSD1)		Source: SA07059-01		Prepared & Analyzed: 12-Jan-04						
PCB 1016	272	29.9	ug/kg dry	373	BRL	72.9	40-140	15.8	50	
PCB 1260	321	29.9	ug/kg dry	373	BRL	86.1	40-140	1.17	50	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.1*		ug/kg dry	*29.8*		*57.4*	*40-140*			
Surrogate: Decachlorobiphenyl (Sr)	*16.1*		ug/kg dry	*29.8*		*54.0*	*40-140*			
Batch 4010486 - SW846 3535										
Blank (4010486-BLK1)				Prepared: 12-Jan-04 Analyzed: 13-Jan-04						
PCB 1016	BRL	0.100	ug/l							
PCB 1221	BRL	0.100	ug/l							
PCB 1232	BRL	0.100	ug/l							
PCB 1242	BRL	0.100	ug/l							
PCB 1248	BRL	0.100	ug/l							
PCB 1254	BRL	0.100	ug/l							
PCB 1260	BRL	0.100	ug/l							
PCB 1262	BRL	0.100	ug/l							
PCB 1268	BRL	0.100	ug/l							
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.178*		ug/l	*0.200*		*89.0*	*40-140*			
Surrogate: Decachlorobiphenyl (Sr)	*0.225*		ug/l	*0.200*		*112*	*40-140*			
Duplicate (4010486-DUP1)		Source: SA07094-05		Prepared: 12-Jan-04 Analyzed: 13-Jan-04						
PCB 1016	BRL	0.103	ug/l		BRL				40	
PCB 1221	BRL	0.103	ug/l		BRL				40	
PCB 1232	BRL	0.103	ug/l		BRL				40	

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010486 - SW846 3535										
Duplicate (4010486-DUP1)	Source: SA07094-05			Prepared: 12-Jan-04 Analyzed: 13-Jan-04						
PCB 1242	BRL	0.103	ug/l		BRL				40	
PCB 1248	BRL	0.103	ug/l		BRL				40	
PCB 1254	BRL	0.103	ug/l		BRL				40	
PCB 1260	BRL	0.103	ug/l		BRL				40	
PCB 1262	BRL	0.103	ug/l		BRL				40	
PCB 1268	BRL	0.103	ug/l		BRL				40	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.130*		ug/l	*0.205*		*63.4*	*40-140*			
Surrogate: Decachlorobiphenyl (Sr)	*0.141*		ug/l	*0.205*		*68.8*	*40-140*			
Batch 4010487 - SW846 3510C										
Blank (4010487-BLK1)				Prepared: 12-Jan-04 Analyzed: 13-Jan-04						
PCB 1016	BRL	100	ug/Wipe							
PCB 1221	BRL	100	ug/Wipe							
PCB 1232	BRL	100	ug/Wipe							
PCB 1242	BRL	100	ug/Wipe							
PCB 1248	BRL	100	ug/Wipe							
PCB 1254	BRL	100	ug/Wipe							
PCB 1260	BRL	100	ug/Wipe							
PCB 1262	BRL	100	ug/Wipe							
PCB 1268	BRL	100	ug/Wipe							
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.159*		ug/Wipe	*0.200*		*79.5*	*40-140*			
Surrogate: Decachlorobiphenyl (Sr)	*0.101*		ug/Wipe	*0.200*		*50.5*	*40-140*			

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010458 - SW846 3550B										
Blank (4010458-BLK1)				Prepared & Analyzed: 12-Jan-04						
Acenaphthene	BRL	64.9	ug/kg wet							
Acenaphthylene	BRL	64.9	ug/kg wet							
Aniline	BRL	64.9	ug/kg wet							
Anthracene	BRL	64.9	ug/kg wet							
Azobenzene/Diphenyldiazine	BRL	64.9	ug/kg wet							
Benzidine	BRL	64.9	ug/kg wet							
Benzo (a) anthracene	BRL	64.9	ug/kg wet							
Benzo (a) pyrene	BRL	64.9	ug/kg wet							
Benzo (b) fluoranthene	BRL	64.9	ug/kg wet							
Benzo (g,h,i) perylene	BRL	64.9	ug/kg wet							
Benzo (k) fluoranthene	BRL	64.9	ug/kg wet							
Benzoic acid	BRL	64.9	ug/kg wet							
Benzyl alcohol	BRL	64.9	ug/kg wet							
Bis(2-chloroethoxy)methane	BRL	64.9	ug/kg wet							
Bis(2-chloroethyl)ether	BRL	64.9	ug/kg wet							
Bis(2-chloroisopropyl)ether	BRL	64.9	ug/kg wet							
Bis(2-ethylhexyl)phthalate	BRL	64.9	ug/kg wet							
4-Bromophenyl phenyl ether	BRL	64.9	ug/kg wet							
Butyl benzyl phthalate	BRL	64.9	ug/kg wet							
Carbazole	BRL	64.9	ug/kg wet							
4-Chloro-3-methylphenol	BRL	64.9	ug/kg wet							
4-Chloroaniline	BRL	64.9	ug/kg wet							
2-Chloronaphthalene	BRL	64.9	ug/kg wet							
2-Chlorophenol	BRL	64.9	ug/kg wet							
4-Chlorophenyl phenyl ether	BRL	64.9	ug/kg wet							
Chrysene	BRL	64.9	ug/kg wet							
Dibenzo (a,h) anthracene	BRL	64.9	ug/kg wet							
Dibenzofuran	BRL	64.9	ug/kg wet							
1,2-Dichlorobenzene	BRL	64.9	ug/kg wet							
1,3-Dichlorobenzene	BRL	64.9	ug/kg wet							
1,4-Dichlorobenzene	BRL	64.9	ug/kg wet							
3,3'-Dichlorobenzidine	BRL	64.9	ug/kg wet							
2,4-Dichlorophenol	BRL	64.9	ug/kg wet							
Diethyl phthalate	BRL	64.9	ug/kg wet							
Dimethyl phthalate	BRL	64.9	ug/kg wet							
2,4-Dimethylphenol	BRL	64.9	ug/kg wet							
Di-n-butyl phthalate	BRL	64.9	ug/kg wet							
4,6-Dinitro-2-methylphenol	BRL	64.9	ug/kg wet							
2,4-Dinitrophenol	BRL	64.9	ug/kg wet							
2,4-Dinitrotoluene	BRL	64.9	ug/kg wet							
2,6-Dinitrotoluene	BRL	64.9	ug/kg wet							
Di-n-octyl phthalate	BRL	64.9	ug/kg wet							
Fluoranthene	BRL	64.9	ug/kg wet							
Fluorene	BRL	64.9	ug/kg wet							
Hexachlorobenzene	BRL	64.9	ug/kg wet							
Hexachlorobutadiene	BRL	64.9	ug/kg wet							
Hexachlorocyclopentadiene	BRL	64.9	ug/kg wet							
Hexachloroethane	BRL	64.9	ug/kg wet							
Indeno (1,2,3-cd) pyrene	BRL	64.9	ug/kg wet							
1-Methylnaphthalene	BRL	64.8	ug/kg wet							
Isophorone	BRL	64.9	ug/kg wet							
2-Methylnaphthalene	BRL	64.9	ug/kg wet							
2-Methylphenol	BRL	64.9	ug/kg wet							
3-Methylphenol	BRL	64.9	ug/kg wet							

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010458 - SW846 3550B										
Blank (4010458-BLK1)				Prepared & Analyzed: 12-Jan-04						
4-Methylphenol	BRL	64.9	ug/kg wet							
Naphthalene	BRL	64.9	ug/kg wet							
2-Nitroaniline	BRL	64.9	ug/kg wet							
3-Nitroaniline	BRL	64.9	ug/kg wet							
4-Nitroaniline	BRL	64.9	ug/kg wet							
Nitrobenzene	BRL	64.9	ug/kg wet							
2-Nitrophenol	BRL	64.9	ug/kg wet							
4-Nitrophenol	BRL	64.9	ug/kg wet							
N-Nitrosodimethylamine	BRL	64.9	ug/kg wet							
N-Nitrosodi-n-propylamine	BRL	64.9	ug/kg wet							
N-Nitrosodiphenylamine	BRL	64.9	ug/kg wet							
Pentachlorophenol	BRL	64.9	ug/kg wet							
Phenanthrene	BRL	64.9	ug/kg wet							
Phenol	BRL	64.9	ug/kg wet							
Pyrene	BRL	64.9	ug/kg wet							
Pyridine	BRL	64.9	ug/kg wet							
1,2,4-Trichlorobenzene	BRL	64.9	ug/kg wet							
2,4,5-Trichlorophenol	BRL	64.9	ug/kg wet							
2,4,6-Trichlorophenol	BRL	64.9	ug/kg wet							
Surrogate: 2-Fluorobiphenyl	*3360*		ug/kg wet	*6490*		*51.8*	*30-130*			
Surrogate: 2-Fluorophenol	*3250*		ug/kg wet	*6490*		*50.1*	*15-110*			
Surrogate: Nitrobenzene-d5	*3200*		ug/kg wet	*6490*		*49.3*	*30-130*			
Surrogate: Phenol-d5	*3710*		ug/kg wet	*6490*		*57.2*	*15-110*			
Surrogate: Terphenyl-d14	*3650*		ug/kg wet	*6490*		*56.2*	*30-130*			
Surrogate: 2,4,6-Tribromophenol	*3400*		ug/kg wet	*6490*		*52.4*	*15-110*			
Duplicate (4010458-DUP1)	Source: SA07094-01			Prepared & Analyzed: 12-Jan-04						
Acenaphthene	BRL	96.1	ug/kg dry		BRL				50	
Acenaphthylene	BRL	96.1	ug/kg dry		BRL				50	
Aniline	BRL	96.1	ug/kg dry		BRL				50	
Anthracene	BRL	96.1	ug/kg dry		BRL				50	
Azobenzene/Diphenyldiazine	BRL	96.1	ug/kg dry		BRL				50	
Benzidine	BRL	96.1	ug/kg dry		BRL				50	
Benzo (a) anthracene	BRL	96.1	ug/kg dry		BRL				50	
Benzo (a) pyrene	BRL	96.1	ug/kg dry		BRL				50	
Benzo (b) fluoranthene	BRL	96.1	ug/kg dry		BRL				50	
Benzo (g,h,i) perylene	BRL	96.1	ug/kg dry		BRL				50	
Benzo (k) fluoranthene	BRL	96.1	ug/kg dry		BRL				50	
Benzoic acid	BRL	96.1	ug/kg dry		BRL				50	
Benzyl alcohol	BRL	96.1	ug/kg dry		21.2			9.90	50	
Bis(2-chloroethoxy)methane	BRL	96.1	ug/kg dry		BRL				50	
Bis(2-chloroethyl)ether	BRL	96.1	ug/kg dry		BRL				50	
Bis(2-chloroisopropyl)ether	BRL	96.1	ug/kg dry		BRL				50	
Bis(2-ethylhexyl)phthalate	BRL	96.1	ug/kg dry		BRL				50	
4-Bromophenyl phenyl ether	BRL	96.1	ug/kg dry		BRL				50	
Butyl benzyl phthalate	BRL	96.1	ug/kg dry		BRL				50	
Carbazole	BRL	96.1	ug/kg dry		BRL				50	
4-Chloro-3-methylphenol	BRL	96.1	ug/kg dry		BRL				50	
4-Chloroaniline	BRL	96.1	ug/kg dry		BRL				50	
2-Chloronaphthalene	BRL	96.1	ug/kg dry		BRL				50	
2-Chlorophenol	BRL	96.1	ug/kg dry		BRL				50	
4-Chlorophenyl phenyl ether	BRL	96.1	ug/kg dry		BRL				50	
Chrysene	BRL	96.1	ug/kg dry		BRL				50	
Dibenzo (a,h) anthracene	BRL	96.1	ug/kg dry		BRL				50	

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010458 - SW846 3550B										
Duplicate (4010458-DUP1)	Source: SA07094-01			Prepared & Analyzed: 12-Jan-04						
Dibenzofuran	BRL	96.1	ug/kg dry		BRL				50	
1,2-Dichlorobenzene	BRL	96.1	ug/kg dry		BRL				50	
1,3-Dichlorobenzene	BRL	96.1	ug/kg dry		BRL				50	
1,4-Dichlorobenzene	BRL	96.1	ug/kg dry		BRL				50	
3,3'-Dichlorobenzidine	BRL	96.1	ug/kg dry		BRL				50	
2,4-Dichlorophenol	BRL	96.1	ug/kg dry		BRL				50	
Diethyl phthalate	BRL	96.1	ug/kg dry		BRL				50	
Dimethyl phthalate	BRL	96.1	ug/kg dry		BRL				50	
2,4-Dimethylphenol	BRL	96.1	ug/kg dry		BRL				50	
Di-n-butyl phthalate	BRL	96.1	ug/kg dry		46.3				50	
4,6-Dinitro-2-methylphenol	BRL	96.1	ug/kg dry		BRL				50	
2,4-Dinitrophenol	BRL	96.1	ug/kg dry		BRL				50	
2,4-Dinitrotoluene	BRL	96.1	ug/kg dry		BRL				50	
2,6-Dinitrotoluene	BRL	96.1	ug/kg dry		BRL				50	
Di-n-octyl phthalate	BRL	96.1	ug/kg dry		BRL				50	
Fluoranthene	BRL	96.1	ug/kg dry		BRL				50	
Fluorene	BRL	96.1	ug/kg dry		BRL				50	
Hexachlorobenzene	BRL	96.1	ug/kg dry		BRL				50	
Hexachlorobutadiene	BRL	96.1	ug/kg dry		BRL				50	
Hexachlorocyclopentadiene	BRL	96.1	ug/kg dry		BRL				50	
Hexachloroethane	BRL	96.1	ug/kg dry		BRL				50	
Indeno (1,2,3-cd) pyrene	BRL	96.1	ug/kg dry		BRL				50	
1-Methylnaphthalene	BRL	96.0	ug/kg dry		BRL				50	
Isophorone	BRL	96.1	ug/kg dry		BRL				50	
2-Methylnaphthalene	BRL	96.1	ug/kg dry		BRL				50	
2-Methylphenol	BRL	96.1	ug/kg dry		BRL				50	
3-Methylphenol	BRL	96.1	ug/kg dry		BRL				50	
4-Methylphenol	BRL	96.1	ug/kg dry		BRL				50	
Naphthalene	BRL	96.1	ug/kg dry		BRL				50	
2-Nitroaniline	BRL	96.1	ug/kg dry		BRL				50	
3-Nitroaniline	BRL	96.1	ug/kg dry		BRL				50	
4-Nitroaniline	BRL	96.1	ug/kg dry		BRL				50	
Nitrobenzene	BRL	96.1	ug/kg dry		BRL				50	
2-Nitrophenol	BRL	96.1	ug/kg dry		BRL				50	
4-Nitrophenol	BRL	96.1	ug/kg dry		BRL				50	
N-Nitrosodimethylamine	BRL	96.1	ug/kg dry		BRL				50	
N-Nitrosodi-n-propylamine	BRL	96.1	ug/kg dry		BRL				50	
N-Nitrosodiphenylamine	BRL	96.1	ug/kg dry		BRL				50	
Pentachlorophenol	BRL	96.1	ug/kg dry		BRL				50	
Phenanthrene	BRL	96.1	ug/kg dry		BRL				50	
Phenol	BRL	96.1	ug/kg dry		BRL				50	
Pyrene	BRL	96.1	ug/kg dry		BRL				50	
Pyridine	BRL	96.1	ug/kg dry		BRL				50	
1,2,4-Trichlorobenzene	BRL	96.1	ug/kg dry		BRL				50	
2,4,5-Trichlorophenol	BRL	96.1	ug/kg dry		BRL				50	
2,4,6-Trichlorophenol	BRL	96.1	ug/kg dry		BRL				50	
Surrogate: 2-Fluorobiphenyl	*2470*		ug/kg dry	*4800*		*51.5*	*30-130*			
Surrogate: 2-Fluorophenol	*2300*		ug/kg dry	*4800*		*47.9*	*15-110*			
Surrogate: Nitrobenzene-d5	*2200*		ug/kg dry	*4800*		*45.8*	*30-130*			
Surrogate: Phenol-d5	*2660*		ug/kg dry	*4800*		*55.4*	*15-110*			
Surrogate: Terphenyl-d14	*2650*		ug/kg dry	*4800*		*55.2*	*30-130*			
Surrogate: 2,4,6-Tribromophenol	*2740*		ug/kg dry	*4800*		*57.1*	*15-110*			
Matrix Spike (4010458-MS1)	Source: SA07094-01			Prepared & Analyzed: 12-Jan-04						

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010458 - SW846 3550B										
Matrix Spike (4010458-MS1)	Source: SA07094-01			Prepared & Analyzed: 12-Jan-04						
Acenaphthene	11400	201	ug/kg dry	20100	BRL	56.7	40-140			
4-Chloro-3-methylphenol	23300	201	ug/kg dry	40200	BRL	58.0	30-130			
2-Chlorophenol	24200	201	ug/kg dry	40200	BRL	60.2	30-130			
1,4-Dichlorobenzene	9240	201	ug/kg dry	20100	BRL	46.0	40-140			
2,4-Dinitrotoluene	9580	201	ug/kg dry	20100	BRL	47.7	40-140			
4-Nitrophenol	28500	201	ug/kg dry	40200	BRL	70.9	30-130			
N-Nitrosodi-n-propylamine	12100	201	ug/kg dry	20100	BRL	60.2	40-140			
Pentachlorophenol	22900	201	ug/kg dry	40200	BRL	57.0	30-130			
Phenol	25000	201	ug/kg dry	40200	BRL	62.2	30-130			
Pyrene	9870	201	ug/kg dry	20100	BRL	49.1	40-140			
1,2,4-Trichlorobenzene	11100	201	ug/kg dry	20100	BRL	55.2	40-140			
Surrogate: 2-Fluorobiphenyl	*14600*		ug/kg dry	*20100*		*72.6*	*30-130*			
Surrogate: 2-Fluorophenol	*15300*		ug/kg dry	*20100*		*76.1*	*15-110*			
Surrogate: Nitrobenzene-d5	*14200*		ug/kg dry	*20100*		*70.6*	*30-130*			
Surrogate: Phenol-d5	*16900*		ug/kg dry	*20100*		*84.1*	*15-110*			
Surrogate: Terphenyl-d14	*12900*		ug/kg dry	*20100*		*64.2*	*30-130*			
Surrogate: 2,4,6-Tribromophenol	*13300*		ug/kg dry	*20100*		*66.2*	*15-110*			
Matrix Spike Dup (4010458-MSD1)	Source: SA07094-01			Prepared & Analyzed: 12-Jan-04						
Acenaphthene	11400	206	ug/kg dry	20600	BRL	55.3	40-140	2.50	30	
4-Chloro-3-methylphenol	24400	206	ug/kg dry	41300	BRL	59.1	30-130	1.88	30	
2-Chlorophenol	20400	206	ug/kg dry	41300	BRL	49.4	30-130	19.7	30	
1,4-Dichlorobenzene	8710	206	ug/kg dry	20600	BRL	42.3	40-140	8.38	30	
2,4-Dinitrotoluene	9450	206	ug/kg dry	20600	BRL	45.9	40-140	3.85	30	
4-Nitrophenol	32100	206	ug/kg dry	41300	BRL	77.7	30-130	9.15	30	
N-Nitrosodi-n-propylamine	10400	206	ug/kg dry	20600	BRL	50.5	40-140	17.5	30	
Pentachlorophenol	21100	206	ug/kg dry	41300	BRL	51.1	30-130	10.9	30	
Phenol	21100	206	ug/kg dry	41300	BRL	51.1	30-130	19.6	30	
Pyrene	10200	206	ug/kg dry	20600	BRL	49.5	40-140	0.811	30	
1,2,4-Trichlorobenzene	11200	206	ug/kg dry	20600	BRL	54.4	40-140	1.46	30	
Surrogate: 2-Fluorobiphenyl	*15300*		ug/kg dry	*20600*		*74.3*	*30-130*			
Surrogate: 2-Fluorophenol	*15200*		ug/kg dry	*20600*		*73.8*	*15-110*			
Surrogate: Nitrobenzene-d5	*15300*		ug/kg dry	*20600*		*74.3*	*30-130*			
Surrogate: Phenol-d5	*16600*		ug/kg dry	*20600*		*80.6*	*15-110*			
Surrogate: Terphenyl-d14	*13500*		ug/kg dry	*20600*		*65.5*	*30-130*			
Surrogate: 2,4,6-Tribromophenol	*12800*		ug/kg dry	*20600*		*62.1*	*15-110*			
Batch 4010485 - SW846 3535										
Blank (4010485-BLK1)				Prepared: 12-Jan-04 Analyzed: 13-Jan-04						
Acenaphthene	BRL	5.00	ug/l							
Acenaphthylene	BRL	5.00	ug/l							
Aniline	BRL	5.00	ug/l							
Anthracene	BRL	5.00	ug/l							
Azobenzene/Diphenyldiazine	BRL	5.00	ug/l							
Benzidine	BRL	5.00	ug/l							
Benzo (a) anthracene	BRL	5.00	ug/l							
Benzo (a) pyrene	BRL	5.00	ug/l							
Benzo (b) fluoranthene	BRL	5.00	ug/l							
Benzo (g,h,i) perylene	BRL	5.00	ug/l							
Benzo (k) fluoranthene	BRL	5.00	ug/l							
Benzoic acid	BRL	5.00	ug/l							
Benzyl alcohol	BRL	5.00	ug/l							
Bis(2-chloroethoxy)methane	BRL	5.00	ug/l							
Bis(2-chloroethyl)ether	BRL	5.00	ug/l							

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010485 - SW846 3535										
Blank (4010485-BLK1)				Prepared: 12-Jan-04 Analyzed: 13-Jan-04						
Bis(2-chloroisopropyl)ether	BRL	5.00	ug/l							
Bis(2-ethylhexyl)phthalate	BRL	5.00	ug/l							
4-Bromophenyl phenyl ether	BRL	5.00	ug/l							
Butyl benzyl phthalate	BRL	5.00	ug/l							
Carbazole	BRL	5.00	ug/l							
4-Chloro-3-methylphenol	BRL	5.00	ug/l							
4-Chloroaniline	BRL	5.00	ug/l							
2-Chloronaphthalene	BRL	5.00	ug/l							
2-Chlorophenol	BRL	5.00	ug/l							
4-Chlorophenyl phenyl ether	BRL	5.00	ug/l							
Chrysene	BRL	5.00	ug/l							
Dibenzo (a,h) anthracene	BRL	5.00	ug/l							
Dibenzofuran	BRL	5.00	ug/l							
1,2-Dichlorobenzene	BRL	5.00	ug/l							
1,3-Dichlorobenzene	BRL	5.00	ug/l							
1,4-Dichlorobenzene	BRL	5.00	ug/l							
3,3'-Dichlorobenzidine	BRL	5.00	ug/l							
2,4-Dichlorophenol	BRL	5.00	ug/l							
Diethyl phthalate	BRL	5.00	ug/l							
Dimethyl phthalate	BRL	5.00	ug/l							
2,4-Dimethylphenol	BRL	5.00	ug/l							
Di-n-butyl phthalate	BRL	5.00	ug/l							
4,6-Dinitro-2-methylphenol	BRL	5.00	ug/l							
2,4-Dinitrophenol	BRL	5.00	ug/l							
2,4-Dinitrotoluene	BRL	5.00	ug/l							
2,6-Dinitrotoluene	BRL	5.00	ug/l							
Di-n-octyl phthalate	BRL	5.00	ug/l							
Fluoranthene	BRL	5.00	ug/l							
Fluorene	BRL	5.00	ug/l							
Hexachlorobenzene	BRL	5.00	ug/l							
Hexachlorobutadiene	BRL	5.00	ug/l							
Hexachlorocyclopentadiene	BRL	5.00	ug/l							
Hexachloroethane	BRL	5.00	ug/l							
Indeno (1,2,3-cd) pyrene	BRL	5.00	ug/l							
1-Methylnaphthalene	BRL	5.00	ug/l							
Isophorone	BRL	5.00	ug/l							
2-Methylnaphthalene	BRL	5.00	ug/l							
2-Methylphenol	BRL	5.00	ug/l							
3-Methylphenol	BRL	5.00	ug/l							
4-Methylphenol	BRL	5.00	ug/l							
Naphthalene	BRL	5.00	ug/l							
2-Nitroaniline	BRL	5.00	ug/l							
3-Nitroaniline	BRL	5.00	ug/l							
4-Nitroaniline	BRL	5.00	ug/l							
Nitrobenzene	BRL	5.00	ug/l							
2-Nitrophenol	BRL	5.00	ug/l							
4-Nitrophenol	BRL	5.00	ug/l							
N-Nitrosodimethylamine	BRL	5.00	ug/l							
N-Nitrosodi-n-propylamine	BRL	5.00	ug/l							
N-Nitrosodiphenylamine	BRL	5.00	ug/l							
Pentachlorophenol	BRL	5.00	ug/l							
Phenanthrene	BRL	5.00	ug/l							
Phenol	BRL	5.00	ug/l							
Pyrene	BRL	5.00	ug/l							

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010485 - SW846 3535										
Blank (4010485-BLK1)				Prepared: 12-Jan-04 Analyzed: 13-Jan-04						
Pyridine	BRL	5.00	ug/l							
1,2,4-Trichlorobenzene	BRL	5.00	ug/l							
2,4,5-Trichlorophenol	BRL	5.00	ug/l							
2,4,6-Trichlorophenol	BRL	5.00	ug/l							
Surrogate: 2-Fluorobiphenyl	*56.6*		ug/l	*100*		*56.6*	*30-130*			
Surrogate: 2-Fluorophenol	*65.8*		ug/l	*100*		*65.8*	*15-110*			
Surrogate: Nitrobenzene-d5	*55.4*		ug/l	*100*		*55.4*	*30-130*			
Surrogate: Phenol-d5	*70.3*		ug/l	*100*		*70.3*	*15-110*			
Surrogate: Terphenyl-d14	*47.4*		ug/l	*100*		*47.4*	*30-130*			
Surrogate: 2,4,6-Tribromophenol	*67.4*		ug/l	*100*		*67.4*	*15-110*			
Duplicate (4010485-DUP1)	Source: SA07094-05			Prepared: 12-Jan-04 Analyzed: 13-Jan-04						
Acenaphthene	BRL	5.00	ug/l		BRL				50	
Acenaphthylene	BRL	5.00	ug/l		BRL				50	
Aniline	BRL	5.00	ug/l		BRL				50	
Anthracene	BRL	5.00	ug/l		BRL				50	
Azobenzene/Diphenyldiazine	BRL	5.00	ug/l		BRL				50	
Benzidine	BRL	5.00	ug/l		BRL				50	
Benzo (a) anthracene	BRL	5.00	ug/l		BRL				50	
Benzo (a) pyrene	BRL	5.00	ug/l		BRL				50	
Benzo (b) fluoranthene	BRL	5.00	ug/l		BRL				50	
Benzo (g,h,i) perylene	BRL	5.00	ug/l		BRL				50	
Benzo (k) fluoranthene	BRL	5.00	ug/l		BRL				50	
Benzoic acid	BRL	5.00	ug/l		BRL				50	
Benzyl alcohol	BRL	5.00	ug/l		BRL				50	
Bis(2-chloroethoxy)methane	BRL	5.00	ug/l		BRL				50	
Bis(2-chloroethyl)ether	BRL	5.00	ug/l		BRL				50	
Bis(2-chloroisopropyl)ether	BRL	5.00	ug/l		BRL				50	
Bis(2-ethylhexyl)phthalate	BRL	5.00	ug/l		BRL				50	
4-Bromophenyl phenyl ether	BRL	5.00	ug/l		BRL				50	
Butyl benzyl phthalate	BRL	5.00	ug/l		BRL				50	
Carbazole	BRL	5.00	ug/l		BRL				50	
4-Chloro-3-methylphenol	BRL	5.00	ug/l		BRL				50	
4-Chloroaniline	BRL	5.00	ug/l		BRL				50	
2-Chloronaphthalene	BRL	5.00	ug/l		BRL				50	
2-Chlorophenol	BRL	5.00	ug/l		BRL				50	
4-Chlorophenyl phenyl ether	BRL	5.00	ug/l		BRL				50	
Chrysene	BRL	5.00	ug/l		BRL				50	
Dibenzo (a,h) anthracene	BRL	5.00	ug/l		BRL				50	
Dibenzofuran	BRL	5.00	ug/l		BRL				50	
1,2-Dichlorobenzene	BRL	5.00	ug/l		BRL				50	
1,3-Dichlorobenzene	BRL	5.00	ug/l		BRL				50	
1,4-Dichlorobenzene	BRL	5.00	ug/l		BRL				50	
3,3'-Dichlorobenzidine	BRL	5.00	ug/l		BRL				50	
2,4-Dichlorophenol	BRL	5.00	ug/l		BRL				50	
Diethyl phthalate	BRL	5.00	ug/l		BRL				50	
Dimethyl phthalate	BRL	5.00	ug/l		BRL				50	
2,4-Dimethylphenol	BRL	5.00	ug/l		BRL				50	
Di-n-butyl phthalate	BRL	5.00	ug/l		BRL				50	
4,6-Dinitro-2-methylphenol	BRL	5.00	ug/l		BRL				50	
2,4-Dinitrophenol	BRL	5.00	ug/l		BRL				50	
2,4-Dinitrotoluene	BRL	5.00	ug/l		BRL				50	
2,6-Dinitrotoluene	BRL	5.00	ug/l		BRL				50	
Di-n-octyl phthalate	BRL	5.00	ug/l		BRL				50	

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010485 - SW846 3535										
Duplicate (4010485-DUP1)	Source: SA07094-05			Prepared: 12-Jan-04 Analyzed: 13-Jan-04						
Fluoranthene	BRL	5.00	ug/l		BRL				50	
Fluorene	BRL	5.00	ug/l		BRL				50	
Hexachlorobenzene	BRL	5.00	ug/l		BRL				50	
Hexachlorobutadiene	BRL	5.00	ug/l		BRL				50	
Hexachlorocyclopentadiene	BRL	5.00	ug/l		BRL				50	
Hexachloroethane	BRL	5.00	ug/l		BRL				50	
Indeno (1,2,3-cd) pyrene	BRL	5.00	ug/l		BRL				50	
1-Methylnaphthalene	BRL	5.00	ug/l		BRL				200	
Isophorone	BRL	5.00	ug/l		BRL				50	
2-Methylnaphthalene	BRL	5.00	ug/l		BRL				50	
2-Methylphenol	BRL	5.00	ug/l		BRL				50	
3-Methylphenol	BRL	5.00	ug/l		BRL				50	
4-Methylphenol	BRL	5.00	ug/l		BRL				50	
Naphthalene	BRL	5.00	ug/l		BRL				50	
2-Nitroaniline	BRL	5.00	ug/l		BRL				50	
3-Nitroaniline	BRL	5.00	ug/l		BRL				50	
4-Nitroaniline	BRL	5.00	ug/l		BRL				50	
Nitrobenzene	BRL	5.00	ug/l		BRL				50	
2-Nitrophenol	BRL	5.00	ug/l		BRL				50	
4-Nitrophenol	BRL	5.00	ug/l		BRL				50	
N-Nitrosodimethylamine	BRL	5.00	ug/l		BRL				50	
N-Nitrosodi-n-propylamine	BRL	5.00	ug/l		BRL				50	
N-Nitrosodiphenylamine	BRL	5.00	ug/l		BRL				50	
Pentachlorophenol	BRL	5.00	ug/l		BRL				50	
Phenanthrene	BRL	5.00	ug/l		BRL				50	
Phenol	BRL	5.00	ug/l		BRL				50	
Pyrene	BRL	5.00	ug/l		BRL				50	
Pyridine	BRL	5.00	ug/l		BRL				50	
1,2,4-Trichlorobenzene	BRL	5.00	ug/l		BRL				50	
2,4,5-Trichlorophenol	BRL	5.00	ug/l		BRL				50	
2,4,6-Trichlorophenol	BRL	5.00	ug/l		BRL				50	
Surrogate: 2-Fluorobiphenyl	*75.8*		ug/l	*103*		*73.6*	*30-130*			
Surrogate: 2-Fluorophenol	*78.6*		ug/l	*103*		*76.3*	*15-110*			
Surrogate: Nitrobenzene-d5	*77.8*		ug/l	*103*		*75.5*	*30-130*			
Surrogate: Phenol-d5	*76.4*		ug/l	*103*		*74.2*	*15-110*			
Surrogate: Terphenyl-d14	*79.3*		ug/l	*103*		*77.0*	*30-130*			
Surrogate: 2,4,6-Tribromophenol	*82.3*		ug/l	*103*		*79.9*	*15-110*			

Total Metals by EPA 6000/7000 Series Methods, Prepared by SW846 3050B - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010507 - EPA200/SW7000 Series										
Blank (4010507-BLK1)				Prepared: 12-Jan-04 Analyzed: 13-Jan-04						
Mercury	BRL	0.0010	mg/kg wet							
LCS (4010507-BS1)				Prepared: 12-Jan-04 Analyzed: 13-Jan-04						
Mercury	0.892	0.179	mg/kg wet	0.893		99.9	80-120			
Duplicate (4010507-DUP1)	Source: SA07094-02			Prepared: 12-Jan-04 Analyzed: 13-Jan-04						
Mercury	BRL	0.197	mg/kg dry		BRL				35	
Matrix Spike (4010507-MS1)	Source: SA07094-01			Prepared: 12-Jan-04 Analyzed: 13-Jan-04						
Mercury	0.470	0.177	mg/kg dry	0.412	BRL	114	75-125			
Matrix Spike Dup (4010507-MSD1)	Source: SA07094-01			Prepared: 12-Jan-04 Analyzed: 13-Jan-04						
Mercury	0.523	0.201	mg/kg dry	0.468	BRL	112	75-125	10.7	35	
Reference (4010507-SRM1)				Prepared: 12-Jan-04 Analyzed: 13-Jan-04						
Mercury	1.35	0.179	mg/kg wet	1.26		107	85-115			

Total Metals by EPA 200 Series Methods - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010505 - EPA 200 Series										
Blank (4010505-BLK1)				Prepared & Analyzed: 12-Jan-04						
Aluminum	0.0423	0.0300	mg/kg wet							QB-01
Antimony	BRL	0.0300	mg/kg wet							
Iron	0.0168	0.0100	mg/kg wet							QB-01
Magnesium	BRL	0.0500	mg/kg wet							
Manganese	BRL	0.0020	mg/kg wet							
Nickel	BRL	0.0100	mg/kg wet							
Potassium	BRL	0.200	mg/kg wet							
Selenium	BRL	0.0300	mg/kg wet							
Silver	BRL	0.0200	mg/kg wet							
Sodium	BRL	7.25	mg/kg wet							
Thallium	BRL	0.0300	mg/kg wet							
Vanadium	BRL	0.0100	mg/kg wet							
Zinc	BRL	0.0100	mg/kg wet							
Arsenic	BRL	0.0300	mg/kg wet							
Beryllium	BRL	0.0040	mg/kg wet							
Cadmium	BRL	0.0050	mg/kg wet							
Calcium	0.115	0.100	mg/kg wet							QB-01
Chromium	BRL	0.0100	mg/kg wet							
Cobalt	BRL	0.0100	mg/kg wet							
Copper	BRL	0.0100	mg/kg wet							
Lead	BRL	0.0150	mg/kg wet							
Barium	BRL	0.0100	mg/kg wet							
LCS (4010505-BS1)				Prepared & Analyzed: 12-Jan-04						
Aluminum	1.04	0.0300	mg/kg wet	1.00		104	85-115			
Antimony	0.992	0.0300	mg/kg wet	1.00		99.2	85-115			
Iron	1.05	0.0100	mg/kg wet	1.00		105	85-115			
Magnesium	1.02	0.0500	mg/kg wet	1.00		102	85-115			
Manganese	1.04	0.0020	mg/kg wet	1.00		104	85-115			
Nickel	1.05	0.0100	mg/kg wet	1.00		105	85-115			
Potassium	91.3	0.200	mg/kg wet	100		91.3	85-115			
Selenium	1.00	0.0300	mg/kg wet	1.00		100	85-115			
Silver	1.01	0.0400	mg/kg wet	1.00		101	85-115			
Sodium	9.36	0.100	mg/kg wet	10.0		93.6	85-115			
Thallium	0.946	0.0300	mg/kg wet	1.00		94.6	85-115			
Vanadium	0.970	0.0100	mg/kg wet	1.00		97.0	85-115			
Zinc	1.00	0.0100	mg/kg wet	1.00		100	85-115			
Arsenic	0.999	0.0300	mg/kg wet	1.00		99.9	85-115			
Beryllium	0.981	0.0040	mg/kg wet	1.00		98.1	85-115			
Cadmium	0.992	0.0050	mg/kg wet	1.00		99.2	85-115			
Calcium	0.998	0.100	mg/kg wet	1.00		99.8	85-115			
Chromium	1.00	0.0100	mg/kg wet	1.00		100	85-115			
Cobalt	0.972	0.0100	mg/kg wet	1.00		97.2	85-115			
Copper	1.02	0.0100	mg/kg wet	1.00		102	85-115			
Lead	0.981	0.0150	mg/kg wet	1.00		98.1	85-115			
Barium	0.994	0.0100	mg/kg wet	1.00		99.4	85-115			
Duplicate (4010505-DUP1)		Source: SA06712-02		Prepared & Analyzed: 12-Jan-04						
Aluminum	10700	3.14	mg/kg dry		6960			42.4	200	
Antimony	BRL	3.14	mg/kg dry		BRL				200	
Iron	28400	1.05	mg/kg dry		19700			36.2	200	
Magnesium	4710	5.24	mg/kg dry		3640			25.6	200	
Manganese	577	0.209	mg/kg dry		465			21.5	200	
Nickel	19.6	1.05	mg/kg dry		15.0			26.6	200	
Potassium	649	20.9	mg/kg dry		363			56.5	200	

Total Metals by EPA 200 Series Methods - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010505 - EPA 200 Series										
Duplicate (4010505-DUP1)	Source: SA06712-02			Prepared & Analyzed: 12-Jan-04						
Selenium	BRL	3.14	mg/kg dry		BRL				200	
Silver	BRL	2.09	mg/kg dry		BRL				200	
Sodium	BRL	759	mg/kg dry		223			86.2	200	
Thallium	8.87	3.14	mg/kg dry		4.07			74.2	200	
Vanadium	40.5	1.05	mg/kg dry		26.8			40.7	200	
Zinc	151	1.05	mg/kg dry		127			17.3	200	
Arsenic	5.41	3.14	mg/kg dry		4.70			14.0	200	
Beryllium	0.639	0.419	mg/kg dry		0.506			23.2	200	
Cadmium	BRL	0.524	mg/kg dry		BRL				20	
Calcium	3710	10.5	mg/kg dry		2710			31.2	200	
Chromium	19.9	1.05	mg/kg dry		15.2			26.8	200	
Cobalt	10.3	1.05	mg/kg dry		7.79			27.8	200	
Copper	70.0	1.05	mg/kg dry		125			56.4	200	
Lead	129	1.57	mg/kg dry		124			3.95	200	
Barium	162	1.05	mg/kg dry		104			43.6	200	
Matrix Spike (4010505-MS1)	Source: SA06712-01			Prepared & Analyzed: 12-Jan-04						
Aluminum	9590	3.00	mg/kg dry	100	8940	650	70-130			QM-02
Antimony	92.2	3.00	mg/kg dry	100	BRL	92.2	70-130			
Iron	24800	1.00	mg/kg dry	100	26600	NR	70-130			QM-02
Magnesium	4250	5.01	mg/kg dry	100	4130	120	70-130			
Manganese	647	0.200	mg/kg dry	100	584	63.0	70-130			QM-07
Nickel	116	1.00	mg/kg dry	100	17.3	98.7	70-130			
Potassium	2020	20.0	mg/kg dry	1000	579	144	70-130			QM-4X
Selenium	98.2	3.00	mg/kg dry	100	BRL	98.2	70-130			
Silver	47.7	2.00	mg/kg dry	50.1	BRL	95.2	70-130			
Sodium	531	10.0	mg/kg dry	100	287	244	70-130			QM-07
Thallium	97.3	3.00	mg/kg dry	100	7.88	89.4	70-130			
Vanadium	134	1.00	mg/kg dry	100	39.4	94.6	70-130			
Zinc	206	1.00	mg/kg dry	100	110	96.0	70-130			
Arsenic	106	3.00	mg/kg dry	100	5.09	101	70-130			
Beryllium	100	0.401	mg/kg dry	100	0.575	99.4	70-130			
Cadmium	96.0	0.501	mg/kg dry	100	BRL	96.0	70-130			
Calcium	3900	10.0	mg/kg dry	100	3620	280	70-130			QM-4X
Chromium	113	1.00	mg/kg dry	100	17.5	95.5	70-130			
Cobalt	101	1.00	mg/kg dry	100	9.74	91.3	70-130			
Copper	164	1.00	mg/kg dry	100	61.7	102	70-130			
Lead	175	1.50	mg/kg dry	100	78.6	96.4	70-130			
Barium	203	1.00	mg/kg dry	100	114	89.0	70-130			
Reference (4010505-SRM1)				Prepared & Analyzed: 12-Jan-04						
Aluminum	61.0	0.0300	mg/kg wet	59.9		102	85-115			
Magnesium	9.38	0.0500	mg/kg wet	9.91		94.7	85-115			
Manganese	3.63	0.0020	mg/kg wet	3.17		115	85-115			
Nickel	0.505	0.0100	mg/kg wet	0.459		110	85-115			
Selenium	1.14	0.0300	mg/kg wet	1.08		106	85-115			
Silver	0.208	0.0200	mg/kg wet	0.207		100	85-115			
Thallium	0.513	0.0300	mg/kg wet	0.519		98.8	85-115			
Vanadium	0.623	0.0100	mg/kg wet	0.642		97.0	85-115			
Zinc	6.20	0.0100	mg/kg wet	6.26		99.0	85-115			
Arsenic	0.764	0.0300	mg/kg wet	0.684		112	85-115			
Beryllium	0.0735	0.0040	mg/kg wet	0.0650		113	85-115			
Cadmium	1.08	0.0050	mg/kg wet	1.11		97.3	85-115			
Calcium	150	0.100	mg/kg wet	131		115	85-115			
Chromium	0.578	0.0100	mg/kg wet	0.520		111	85-115			

Total Metals by EPA 200 Series Methods - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010505 - EPA 200 Series										
Reference (4010505-SRM1)				Prepared & Analyzed: 12-Jan-04						
Cobalt	0.133	0.0100	mg/kg wet	0.129		103	85-115			
Lead	1.18	0.0150	mg/kg wet	1.36		86.8	85-115			
Barium	0.119	0.0100	mg/kg wet	0.122		97.5	85-115			
Batch 4010528 - EPA 200 Series										
Blank (4010528-BLK1)				Prepared & Analyzed: 12-Jan-04						
Antimony	BRL	0.0120	mg/l							
Iron	BRL	0.0050	mg/l							
Lead	BRL	0.0075	mg/l							
Magnesium	BRL	0.0250	mg/l							
Manganese	BRL	0.0010	mg/l							
Nickel	BRL	0.0050	mg/l							
Potassium	BRL	0.100	mg/l							
Selenium	BRL	0.0150	mg/l							
Sodium	0.267	0.0500	mg/l							QB-01
Thallium	BRL	0.0100	mg/l							
Zinc	BRL	0.0050	mg/l							
Aluminum	BRL	0.250	mg/l							
Arsenic	BRL	0.0080	mg/l							
Barium	BRL	0.0050	mg/l							
Beryllium	BRL	0.0020	mg/l							
Cadmium	BRL	0.0025	mg/l							
Calcium	BRL	0.0500	mg/l							
Chromium	BRL	0.0050	mg/l							
Cobalt	BRL	0.0050	mg/l							
Copper	BRL	0.0050	mg/l							
Silver	BRL	0.0100	mg/l							
LCS (4010528-BS1)				Prepared & Analyzed: 12-Jan-04						
Antimony	0.980	0.0120	mg/l	1.00		98.0	85-115			
Iron	0.979	0.0050	mg/l	1.00		97.9	85-115			
Lead	0.862	0.0075	mg/l	1.00		86.2	85-115			
Magnesium	0.954	0.0250	mg/l	1.00		95.4	85-115			
Manganese	0.922	0.0010	mg/l	1.00		92.2	85-115			
Nickel	0.948	0.0050	mg/l	1.00		94.8	85-115			
Potassium	8.50	0.100	mg/l	10.0		85.0	85-115			
Selenium	1.09	0.0150	mg/l	1.00		109	85-115			
Sodium	0.940	0.0100	mg/l	1.00		94.0	85-115			
Thallium	0.868	0.0100	mg/l	1.00		86.8	85-115			
Zinc	0.982	0.0050	mg/l	1.00		98.2	85-115			
Aluminum	1.07	0.0150	mg/l	1.00		107	85-115			
Arsenic	1.00	0.0080	mg/l	1.00		100	85-115			
Barium	0.916	0.0050	mg/l	1.00		91.6	85-115			
Beryllium	0.961	0.0020	mg/l	1.00		96.1	85-115			
Cadmium	0.954	0.0025	mg/l	1.00		95.4	85-115			
Calcium	0.993	0.0500	mg/l	1.00		99.3	85-115			
Chromium	0.924	0.0050	mg/l	1.00		92.4	85-115			
Cobalt	0.878	0.0050	mg/l	1.00		87.8	85-115			
Copper	0.968	0.0050	mg/l	1.00		96.8	85-115			
Silver	0.502	0.0200	mg/l	0.500		100	85-115			
Duplicate (4010528-DUP1)		Source: SA07056-05		Prepared & Analyzed: 12-Jan-04						
Antimony	BRL	0.0120	mg/l		BRL				20	
Iron	23.8	0.0050	mg/l		26.4			10.4	200	
Lead	BRL	0.0075	mg/l		BRL				200	

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*Reportable Detection Limit BRL = Below Reporting Limit

Total Metals by EPA 200 Series Methods - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010528 - EPA 200 Series										
Duplicate (4010528-DUP1)	Source: SA07056-05			Prepared & Analyzed: 12-Jan-04						
Magnesium	24.5	0.0250	mg/l		24.3			0.820	200	
Manganese	3.00	0.0010	mg/l		2.93			2.36	200	
Nickel	0.0689	0.0050	mg/l		0.0768			10.8	200	
Potassium	13.8	0.100	mg/l		13.5			2.20	200	
Selenium	BRL	0.0150	mg/l		BRL				200	
Sodium	53.8	0.0500	mg/l		52.8			1.88	200	
Thallium	BRL	0.0240	mg/l		0.0154			13.9	20	
Zinc	0.0164	0.0050	mg/l		0.0148			10.3	200	
Aluminum	4.49	0.0150	mg/l		5.22			15.0	200	
Arsenic	BRL	0.0080	mg/l		0.0041				20	
Barium	0.215	0.0050	mg/l		0.220			2.30	200	
Beryllium	BRL	0.0020	mg/l		0.0008			0.00	200	
Cadmium	BRL	0.0025	mg/l		BRL				20	
Calcium	63.8	0.0500	mg/l		61.6			3.51	200	
Chromium	0.0310	0.0050	mg/l		0.0358			14.4	200	
Cobalt	0.0075	0.0050	mg/l		0.0089			17.1	200	
Copper	0.0410	0.0050	mg/l		0.0454			10.2	200	
Silver	BRL	0.0100	mg/l		BRL				20	
Duplicate (4010528-DUP2)	Source: SA07094-08			Prepared & Analyzed: 12-Jan-04						
Antimony	BRL	0.0060	mg/l		0.0055				20	
Iron	2.76	0.0025	mg/l		2.60			5.97	200	
Lead	0.0051	0.0038	mg/l		0.0044			14.7	200	
Magnesium	22.5	0.0125	mg/l		22.8			1.32	200	
Manganese	0.905	0.0005	mg/l		0.861			4.98	200	
Nickel	0.0051	0.0025	mg/l		0.0046			10.3	200	
Potassium	2.90	0.0500	mg/l		2.92			0.687	200	
Selenium	BRL	0.0075	mg/l		BRL				200	
Sodium	252	0.250	mg/l		259			2.74	200	
Thallium	BRL	0.0050	mg/l		0.0020				20	
Zinc	0.0369	0.0025	mg/l		0.0384			3.98	200	
Aluminum	2.06	0.0075	mg/l		1.85			10.7	200	
Arsenic	BRL	0.0040	mg/l		0.0044			58.8	20	QR-01
Barium	0.0941	0.0025	mg/l		0.0932			0.961	200	
Beryllium	BRL	0.0010	mg/l		0.0002			0.00	200	
Cadmium	BRL	0.0012	mg/l		0.0008			11.8	20	
Calcium	102	0.0250	mg/l		104			1.94	200	
Chromium	BRL	0.0025	mg/l		0.0029			32.0	200	
Cobalt	0.0037	0.0025	mg/l		0.0034			8.45	200	
Copper	0.0134	0.0025	mg/l		0.0138			2.94	200	
Silver	BRL	0.0050	mg/l		BRL				20	
Matrix Spike (4010528-MS1)	Source: SA07056-04			Prepared & Analyzed: 12-Jan-04						
Antimony	0.0781	0.0120	mg/l	0.100	BRL	78.1	70-130			
Iron	20.0	0.0050	mg/l	0.100	20.6	NR	70-130			QM-4X
Lead	0.0804	0.0075	mg/l	0.100	0.0044	76.0	70-130			
Magnesium	28.1	0.0250	mg/l	0.100	27.5	600	70-130			QM-4X
Manganese	9.32	0.0010	mg/l	0.100	9.11	210	70-130			QM-4X
Nickel	0.113	0.0050	mg/l	0.100	0.0310	82.0	70-130			
Potassium	12.5	0.100	mg/l	1.00	12.6	NR	70-130			QM-4X
Selenium	0.0834	0.0150	mg/l	0.100	BRL	83.4	70-130			
Sodium	68.0	0.0500	mg/l	0.100	66.6	NR	70-130			QM-02
Thallium	0.0996	0.0100	mg/l	0.100	0.0232	76.4	70-130			
Zinc	0.117	0.0050	mg/l	0.100	0.0356	81.4	70-130			
Aluminum	12.3	0.0150	mg/l	0.100	12.7	NR	70-130			QM-4X

Total Metals by EPA 200 Series Methods - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010528 - EPA 200 Series										
Matrix Spike (4010528-MS1)	Source: SA07056-04			Prepared & Analyzed: 12-Jan-04						
Arsenic	0.0930	0.0080	mg/l	0.100	BRL	93.0	70-130			
Barium	0.356	0.0050	mg/l	0.100	0.272	84.0	70-130			
Beryllium	0.0868	0.0020	mg/l	0.100	0.0009	85.9	70-130			
Cadmium	0.0810	0.0025	mg/l	0.100	BRL	81.0	70-130			
Calcium	64.4	0.0500	mg/l	0.100	63.8	600	70-130			QM-02
Chromium	0.109	0.0050	mg/l	0.100	0.0285	80.5	70-130			
Cobalt	0.112	0.0050	mg/l	0.100	0.0342	77.8	70-130			
Copper	0.104	0.0050	mg/l	0.100	0.0210	83.0	70-130			
Silver	0.0407	0.0100	mg/l	0.0500	BRL	81.4	70-130			
Matrix Spike (4010528-MS2)	Source: SA07094-07			Prepared & Analyzed: 12-Jan-04						
Antimony	0.0775	0.0060	mg/l	0.100	BRL	77.5	70-130			
Iron	0.795	0.0025	mg/l	0.100	0.734	61.0	70-130			QM-07
Lead	0.0659	0.0038	mg/l	0.100	0.0020	63.9	70-130			QM-07
Magnesium	21.0	0.0125	mg/l	0.100	20.8	200	70-130			QM-02
Manganese	1.05	0.0005	mg/l	0.100	0.960	90.0	70-130			
Nickel	0.0716	0.0025	mg/l	0.100	BRL	71.6	70-130			
Potassium	2.84	0.0500	mg/l	1.00	2.29	55.0	70-130			QM-07
Selenium	0.0815	0.0075	mg/l	0.100	BRL	81.5	70-130			
Sodium	268	0.0250	mg/l	0.100	214	NR	70-130			QM-02
Thallium	0.0686	0.0050	mg/l	0.100	BRL	68.6	70-130			QM-07
Zinc	0.0981	0.0025	mg/l	0.100	0.0250	73.1	70-130			
Aluminum	0.207	0.0075	mg/l	0.100	0.117	90.0	70-130			
Arsenic	0.0802	0.0040	mg/l	0.100	0.0040	76.2	70-130			
Barium	0.143	0.0025	mg/l	0.100	0.0723	70.7	70-130			
Beryllium	0.0741	0.0010	mg/l	0.100	0.0002	73.9	70-130			
Cadmium	0.0710	0.0012	mg/l	0.100	0.0002	70.8	70-130			
Calcium	96.4	0.0250	mg/l	0.100	95.2	NR	70-130			QM-02
Chromium	0.0745	0.0025	mg/l	0.100	0.0026	71.9	70-130			
Cobalt	0.0672	0.0025	mg/l	0.100	0.0004	66.8	70-130			QM-07
Copper	0.0815	0.0025	mg/l	0.100	0.0046	76.9	70-130			
Silver	0.0364	0.0050	mg/l	0.0500	BRL	72.8	70-130			
Batch 4010529 - EPA200/SW7000 Series										
Blank (4010529-BLK1)				Prepared: 12-Jan-04 Analyzed: 13-Jan-04						
Mercury	BRL	0.00040	mg/l							
LCS (4010529-BS1)				Prepared: 12-Jan-04 Analyzed: 13-Jan-04						
Mercury	0.00442	0.00040	mg/l	0.00500		88.4	80-120			
Duplicate (4010529-DUP1)	Source: SA07094-06			Prepared: 12-Jan-04 Analyzed: 13-Jan-04						
Mercury	BRL	0.00040	mg/l		BRL				20	
Matrix Spike (4010529-MS1)	Source: SA07094-05			Prepared: 12-Jan-04 Analyzed: 13-Jan-04						
Mercury	0.00430	0.00040	mg/l	0.00500	BRL	86.0	75-125			
Matrix Spike Dup (4010529-MSD1)	Source: SA07094-05			Prepared: 12-Jan-04 Analyzed: 13-Jan-04						
Mercury	0.00427	0.00040	mg/l	0.00500	BRL	85.4	75-125	0.700	20	

Toxicity Characteristics - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010539 - General Preparation										
Duplicate (4010539-DUP1)	Source: SA07094-10			Prepared & Analyzed: 12-Jan-04						
pH	7.31		pH Units		7.33			0.273	20	

This laboratory report is not valid without an authorized signature on the cover page.

*Reportable Detection Limit BRL = Below Reporting Limit

General Chemistry Parameters - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010493 - General Preparation										
Blank (4010493-BLK1)				Prepared: 10-Jan-04 Analyzed: 12-Jan-04						
Hexavalent Chromium	BRL	10.0	mg/kg wet							
LCS (4010493-BS1)				Prepared: 10-Jan-04 Analyzed: 12-Jan-04						
Hexavalent Chromium	19.3	10.0	mg/kg wet	20.0		96.5	90-110			
Duplicate (4010493-DUP1)	Source: SA07094-10			Prepared: 10-Jan-04 Analyzed: 12-Jan-04						
Hexavalent Chromium	BRL	92.2	mg/kg dry		28.6			17.1	35	R-01
Matrix Spike (4010493-MS1)	Source: SA07094-04			Prepared: 10-Jan-04 Analyzed: 12-Jan-04						
Hexavalent Chromium	0.416		mg/kg dry	0.500	0.00593	82.0	75-125			
Reference (4010493-SRM1)				Prepared: 10-Jan-04 Analyzed: 12-Jan-04						
Hexavalent Chromium	51.8	10.0	mg/kg wet	57.1		90.7	63.8-136			
Batch 4010504 - General Preparation										
Duplicate (4010504-DUP1)	Source: SA07103-05			Prepared: 12-Jan-04 Analyzed: 13-Jan-04						
% Solids	82.0		%		80.2			2.22	20	
Batch 4010520 - General Preparation										
Blank (4010520-BLK1)				Prepared & Analyzed: 12-Jan-04						
Cyanide (total)	BRL	1.00	mg/kg wet							
LCS (4010520-BS1)				Prepared & Analyzed: 12-Jan-04						
Cyanide (total)	2.09	1.00	mg/kg wet	10.0		20.9	90-110			QM-07
Matrix Spike (4010520-MS1)	Source: SA07094-02			Prepared & Analyzed: 12-Jan-04						
Cyanide (total)	4.63	1.21	mg/kg dry	12.1	BRL	38.3	75-125			QM-07
Matrix Spike Dup (4010520-MSD1)	Source: SA07094-02			Prepared & Analyzed: 12-Jan-04						
Cyanide (total)	4.19	1.20	mg/kg dry	12.0	BRL	34.9	75-125	9.98	20	QM-07
Reference (4010520-SRM1)				Prepared & Analyzed: 12-Jan-04						
Cyanide (total)	65.3	1.00	mg/kg wet	41.1		159	40-160			
Batch 4010571 - General Preparation										
Blank (4010571-BLK1)				Prepared: 12-Jan-04 Analyzed: 13-Jan-04						
Cyanide (total)	BRL	0.0100	mg/l							
LCS (4010571-BS1)				Prepared: 12-Jan-04 Analyzed: 13-Jan-04						
Cyanide (total)	0.302	0.0100	mg/l	0.300		101	90-110			
Matrix Spike (4010571-MS1)	Source: SA07094-05			Prepared: 12-Jan-04 Analyzed: 13-Jan-04						
Cyanide (total)	0.292	0.0100	mg/l	0.300	BRL	97.3	75-125			
Matrix Spike Dup (4010571-MSD1)	Source: SA07094-05			Prepared: 12-Jan-04 Analyzed: 13-Jan-04						
Cyanide (total)	0.301	0.0100	mg/l	0.300	BRL	100	75-125	3.04	20	
Reference (4010571-SRM1)				Prepared: 12-Jan-04 Analyzed: 13-Jan-04						
Cyanide (total)	0.344	0.0100	mg/l	0.304		113	71-129			
Batch 4010573 - General Preparation										
Blank (4010573-BLK1)				Prepared & Analyzed: 10-Jan-04						
Hexavalent Chromium	BRL	0.005	mg/l							
LCS (4010573-BS1)				Prepared & Analyzed: 10-Jan-04						
Hexavalent Chromium	0.050	0.005	mg/l	0.0500		100	90-110			
Duplicate (4010573-DUP1)	Source: SA07094-05			Prepared & Analyzed: 10-Jan-04						
Hexavalent Chromium	0.006	0.005	mg/l		0.003			66.7	20	QR-01
Matrix Spike (4010573-MS1)	Source: SA07094-05			Prepared & Analyzed: 10-Jan-04						
Hexavalent Chromium	0.055	0.005	mg/l	0.0500	0.003	104	80-120			
Reference (4010573-SRM1)				Prepared & Analyzed: 10-Jan-04						

This laboratory report is not valid without an authorized signature on the cover page.

*Reportable Detection Limit BRL = Below Reporting Limit

General Chemistry Parameters - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010573 - General Preparation										
Reference (4010573-SRM1)				Prepared & Analyzed: 10-Jan-04						
Hexavalent Chromium	0.025	0.005	mg/l	0.0250		100	85-115			

Notes and Definitions

QB-01	The method blank contains analyte at a concentration above the MRL; however, concentration is less than 10% of the sample result, which is negligible according to method criteria.
QC-1	Analyte out of acceptance range.
QM-02	The RPD and/or percent recovery for this QC spike sample cannot be accurately calculated due to the high concentration of analyte inherent in the sample.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM-4X	The spike recovery was outside of QC acceptance limits for the MS and/or MSD due to analyte concentration at 4 times or greater the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits.
QR-01	Analyses are not controlled on RPD values from sample concentrations less than 10 times the reporting limit. QC batch accepted based on LCS and/or LCSD QC results.
R-01	The Reporting Limit for this analyte has been raised to account for matrix interference.
R-05	The sample was diluted due to the presence of high levels of non-target analytes resulting in elevated reporting limits.
vext1	Lab Extracted
vext2	Field Extracted
VOC6	The production of Acetone and other ketones is commonly seen when using Sodium Bisulfate in the SW 846 5035A extraction technique.
VOC8	Reporting limits reflect SW846 5030 extraction technique due to matrix interference using SW846 5035A extraction technique.
BRL	Below Reporting Limit - Analyte NOT DETECTED at or above the reporting limit
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. The RDL is generally 5 to 10 times the MDL. However, it may be nominally chosen within these guidelines to simplify data reporting. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Validated by:
Hanibal C. Tayeh, Ph.D.
Nicole Brown

SA07094

ERM-Standard

CHAIN OF CUSTODY RECORD

Page 1 of 2

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: _____
- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Ed Hinchey
ERM
5788 Widewaters Pkwy
Deiritt, NY. 13214
Project Mgr.: Ed Hinchey

Invoice To: Same
WA# 2901430
2401431
P.O. No.: 0013172 RQN: _____

Project No.: 0013172
Site Name: Axiohm
Location: Ithaca State: N.Y.
Sampler(s): NR + CW

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH_3OH 8=$NaHSO_4$ 9= Ice 10= methanol

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1=_____ X2=_____ X3=_____

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: VOCs 8260	SVOCs 8270	TAL Metals	PCB	Cyanide	Hexchrome	pH	OA Reporting Notes: (check if needed)
ST07094-01	Axi B-33 (.5-2)	9 Jan 04	0835	G	SO	8, 9, 10	3	1			X	X	X	X			X	
-02	Axi B-34 (1-3)		0915	G	SO	↓	↓	✓			X	X	X		X	X		
-03	Axi WP3		1155	G	Soil	Hot	1							X				
-04	Axi B-18 (8-8.7)		1355	G	SO	8, 9, 10	3	1			X	X	X	X	X	X	1	no pH
-05	Axi-STR1 (090104)		1410	G	SW	4, 9 5, 2,	2	2		4	X	X	X	X	X	X	X	
-06	Axi-STR2 (090104)		1420	↓	↓	↓	↓	↓		↓	↓	↓	↓	↓	↓	↓	↓	
-07	Axi-SSOF (090104)		1435															
-08	Axi-SEP1 (090104)		1430															
-09	Axi-SEP1 (090104)		1430	G	SO	8, 9		2			X	X	X	X	X	X	X	
-10	Axi-SEP2 (090104)		1525	↓	↓	↓		↓			↓	↓	↓	↓	↓	↓	↓	

☒ Fax results when available to (315) 445-2554
☐ E-mail to _____
EDD Format _____
Condition upon receipt: ☑ Iced ☐ Ambient ☐ °C 4°

Relinquished by:	Received by:	Date:	Time:
Nancy Lee Reese	Ted K	9 Jan 04	1755
Ted K	D Kennedy	1/10/04	1230

S1700 84

SPECTRUM ANALYTICAL, INC.
Featuring
HANDIAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 2 of 2

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: _____
- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Ed Hlinchey ERM
See previous sheet

Invoice To: See previous sheet

Project No.: 001372
Site Name: Axiohm
Location: _____ State: _____
Project Mgr.: _____
P.O. No.: _____ RQN: _____
Sampler(s): _____

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH_3OH 8=$NaHSO_4$ 9=Ice 10=Methanol

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1=_____ X2=_____ X3=_____

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: VOCs 8260	SVOCs 8270	TAL Metals	PCBs	Cyanide	Hexchrome	pH	OA Reporting Notes: (check if needed)
S1700814-11	Axi SEP2 (090104)	9 Jan 04	1525	G	SW	2,4,5,9	2	2		4	X	X	X	X	X	X	X	State specific reporting standards (If applicable, please list below.)
-12	Axi TB1 (090104)	—	—	—	—	2	1				X							cooler 1
-13	Axi TB2 (090104)	—	—	—	—	2	1				X							cooler 2
-14	Axi SED3 (090104)		1600	G	SW	2,4,5,9	2	2		4	X	X	X	X	X	X	X	

☐ Provide MCP CAM Report
Were all field QC requirements met as per MADEP CAM Section 2.0?
☐ Yes ☐ No
(Response required for CAM report)

☒ Fax results when available to (315) 445-2543
☐ E-mail to _____
EDD Format _____
Condition upon receipt: ☒ Iced ☐ Ambient ☐ °C 4

Relinquished by:	Received by:	Date:	Time:
Nancy LaRocca	Todd	9 Jan 04	1755
Todd	K Knowles	1/10/04	1230

11 Almgren Drive • Agawam, Massachusetts 01001 • 413 9018 • Fax 413-789-4076 • www.spectrum-analytical.com

Report Date:
14-Jan-04 16:26

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Laboratory Report

Environmental Resources Management
5788 Widewaters Pkwy
Dewitt, NY 13214
Attn: Ed Hinchey

Project:Axiohm - Ithaca, NY
Project #:0013172

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA07163-01	Axi MW-10 (0104)	Ground Water	12-Jan-04 13:00	13-Jan-04 10:12
SA07163-02	Axi MW-4 (0104)	Ground Water	12-Jan-04 15:35	13-Jan-04 10:12
SA07163-03	Axi TB (120104)	Ground Water	12-Jan-04 00:00	13-Jan-04 10:12

I attest that all information contained within this report has been reviewed for accuracy and checked against all quality control requirements outlined in each applicable method and meet the requirements of NELAC.
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Massachusetts Certification # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87600
Maine # MA138
New Hampshire # 2538
New York # 11393
Rhode Island # 98
USDA # S-51435

ACCREDITED IN ACCORDANCE WITH nelac

Authorized by:

Hanibal C. Tayeh, Ph.D.
President/Laboratory Director

Please refer to our "Quality" webpage at www.spectrum-analytical.com for a full listing of our current certifications.

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi MW-10 (0104) \07163-01	0013172	Ground Water	12-Jan-04 13:00	13-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Acetone	BRL	20.0 ug/l	1	SW 846 8260B	13-Jan-04	13-Jan-04	4010525	kw	
Acrylonitrile	BRL	1.00 ug/l	1	"	"	"	"	"	
Benzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromodichloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromoform	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromomethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Butanone (MEK)	BRL	10.0 ug/l	1	"	"	"	"	"	
n-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
sec-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
tert-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Carbon disulfide	BRL	5.00 ug/l	1	"	"	"	"	"	
Carbon tetrachloride	BRL	1.00 ug/l	1	"	"	"	"	"	
Chlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Chloroethane	BRL	2.00 ug/l	1	"	"	"	"	"	
]oroform	BRL	1.00 ug/l	1	"	"	"	"	"	
ioromethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	2.00 ug/l	1	"	"	"	"	"	
Dibromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	1.00 ug/l	1	"	"	"	"	"	
Dibromomethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	2.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethane	4.82	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,2-Dichloroethene	5.82	1.00 ug/l	1	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
2,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
ns-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
ylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	1.00 ug/l	1	"	"	"	"	"	
2-Hexanone (MBK)	BRL	10.0 ug/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi MW-10 (0104) 07163-01	0013172	Ground Water	12-Jan-04 13:00	13-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Isopropylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Isopropyltoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
Methyl tert-butyl ether	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	10.0 ug/l	1	"	"	"	"	"	
Methylene chloride	BRL	10.0 ug/l	1	"	"	"	"	"	
Naphthalene	BRL	1.00 ug/l	1	"	"	"	"	"	
n-Propylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Styrene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Tetrachloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
Toluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1-Trichloroethane	5.96	1.00 ug/l	1	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Trichloroethene	18.4	1.00 ug/l	1	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Vinyl chloride	1.00	1.00 ug/l	1	"	"	"	"	"	
m,p-Xylene	BRL	2.00 ug/l	1	"	"	"	"	"	
o-Xylene	BRL	1.00 ug/l	1	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*102*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*101*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*107*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*107*	*70-130 %*		"	"	"	"	"	

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*Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi MW-10 (0104) \07163-01	0013172	Ground Water	12-Jan-04 13:00	13-Jan-04

Analyte(s)	*Result*	*RDL/Units	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GC									
Polychlorinated Biphenyls by SW846 8082		Prepared by method SW846 3535							
PCB 1016	BRL	0.100 ug/l	1	SW846 8082	13-Jan-04	14-Jan-04	4010543	TG	
PCB 1221	BRL	0.100 ug/l	1	"	"	"	"	"	
PCB 1232	BRL	0.100 ug/l	1	"	"	"	"	"	
PCB 1242	BRL	0.100 ug/l	1	"	"	"	"	"	
PCB 1248	BRL	0.100 ug/l	1	"	"	"	"	"	
PCB 1254	BRL	0.100 ug/l	1	"	"	"	"	"	
PCB 1260	BRL	0.100 ug/l	1	"	"	"	"	"	
PCB 1262	BRL	0.100 ug/l	1	"	"	"	"	"	
PCB 1268	BRL	0.100 ug/l	1	"	"	"	"	"	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*75.0*	*40-140 %*		"	"	"	"	"	
Surrogate: Decachlorobiphenyl (Sr)	*123*	*40-140 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C		Prepared by method SW846 3535							
Acenaphthene	BRL	5.00 ug/l	1	SW846 8270C	13-Jan-04	14-Jan-04	4010544	M.B	
Acenaphthylene	BRL	5.00 ug/l	1	"	"	"	"	"	
Aniline	BRL	5.00 ug/l	1	"	"	"	"	"	
Anthracene	BRL	5.00 ug/l	1	"	"	"	"	"	
Azobenzene/Diphenyldiazine	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzidine	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (a) anthracene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (a) pyrene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (b) fluoranthene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (g,h,i) perylene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (k) fluoranthene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzoic acid	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzyl alcohol	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-chloroethoxy)methane	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-chloroethyl)ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Bromophenyl phenyl ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Butyl benzyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
Carbazole	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Chloro-3-methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Chloroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Chloronaphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Chlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Chlorophenyl phenyl ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Chrysene	BRL	5.00 ug/l	1	"	"	"	"	"	
Dibenzo (a,h) anthracene	BRL	5.00 ug/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi MW-10 (0104) 407163-01	0013172	Ground Water	12-Jan-04 13:00	13-Jan-04

Analyte(s)	*Result*	*RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3535									
Dibenzofuran	BRL	5.00 ug/l	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
3,3'-Dichlorobenzidine	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dichlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Diethyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
Dimethyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dimethylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Di-n-butyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dinitrophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dinitrotoluene	BRL	5.00 ug/l	1	"	"	"	"	"	
2,6-Dinitrotoluene	BRL	5.00 ug/l	1	"	"	"	"	"	
Di-n-octyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
Fluoranthene	BRL	5.00 ug/l	1	"	"	"	"	"	
orene	BRL	5.00 ug/l	1	"	"	"	"	"	
chlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
achlorobutadiene	BRL	5.00 ug/l	1	"	"	"	"	"	
Hexachlorocyclopentadiene	BRL	5.00 ug/l	1	"	"	"	"	"	
Hexachloroethane	BRL	5.00 ug/l	1	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	BRL	5.00 ug/l	1	"	"	"	"	"	
1-Methylnaphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
Isophorone	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Methylnaphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
3-Methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Naphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Nitroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
3-Nitroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Nitroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
Nitrobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Nitrophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Nitrophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
N-Nitrosodimethylamine	BRL	5.00 ug/l	1	"	"	"	"	"	
N-Nitrosodi-n-propylamine	BRL	5.00 ug/l	1	"	"	"	"	"	
N-Nitrosodiphenylamine	BRL	5.00 ug/l	1	"	"	"	"	"	
tachlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
nanthrene	BRL	5.00 ug/l	1	"	"	"	"	"	
l	BRL	5.00 ug/l	1	"	"	"	"	"	
Pyrene	BRL	5.00 ug/l	1	"	"	"	"	"	

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi MW-10 (0104) TA07163-01	0013172	Ground Water	12-Jan-04 13:00	13-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3535									
Pyridine	BRL	5.00 ug/l	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4,5-Trichlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4,6-Trichlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl	*50.9*	*30-130 %*		"	"	"	"	"	
Surrogate: 2-Fluorophenol	*60.9*	*15-110 %*		"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*48.0*	*30-130 %*		"	"	"	"	"	
Surrogate: Phenol-d5	*63.8*	*15-110 %*		"	"	"	"	"	
Surrogate: Terphenyl-dl4	*42.6*	*30-130 %*		"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol	*72.2*	*15-110 %*		"	"	"	"	"	
Total Metals by EPA 200 Series Methods									
Silver	BRL	0.0050 mg/l	1	EPA 200.7	13-Jan-04	14-Jan-04	4010593	KS	
Aluminum	0.236	0.0075 mg/l	1	"	"	"	"	"	
Arsenic	BRL	0.0040 mg/l	1	"	"	"	"	"	
Barium	0.0356	0.0025 mg/l	1	"	"	"	"	"	
Beryllium	BRL	0.0010 mg/l	1	"	"	"	"	"	
Cadmium	BRL	0.0012 mg/l	1	"	"	"	"	"	
Cobalt	BRL	0.0025 mg/l	1	"	"	"	"	"	
Chromium	BRL	0.0025 mg/l	1	"	"	"	"	"	
Copper	BRL	0.0025 mg/l	1	"	"	"	"	"	
Iron	0.306	0.0025 mg/l	1	"	"	"	"	"	
Mercury	BRL	0.00040 mg/l	1	EPA 245.2/7470A	"	14-Jan-04	4010595	YP	
Potassium	BRL	2.00 mg/l	1	EPA 200.7	"	14-Jan-04	4010593	KS	
Magnesium	13.2	0.0125 mg/l	1	"	"	"	"	"	
Manganese	1.09	0.0005 mg/l	1	"	"	"	"	"	
Nickel	BRL	0.0025 mg/l	1	"	"	"	"	"	
Lead	BRL	0.0038 mg/l	1	"	"	"	"	"	
Antimony	BRL	0.0060 mg/l	1	"	"	"	"	"	
Selenium	BRL	0.0075 mg/l	1	"	"	"	"	"	
Thallium	BRL	0.0050 mg/l	1	"	"	"	"	"	
Zinc	0.0092	0.0025 mg/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi MW-10 (0104) A07163-01	0013172	Ground Water	12-Jan-04 13:00	13-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
General Chemistry Parameters									
Hexavalent Chromium	BRL	0.005 mg/l	1	SM3500CrD/7196A	13-Jan-04 11:15	13-Jan-04	4010575	AW	
Cyanide (total)	0.0426	0.0100 mg/l	1	10-204-00-1-A	13-Jan-04	14-Jan-04	4010638	"	
pH	6.77	pH Units	1	EPA 150.1	13-Jan-04 11:30	13-Jan-04	4010635	RB	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi MW-4 (0104) `07163-02	0013172	Ground Water	12-Jan-04 15:35	13-Jan-04

Analyte(s)	*Result*	*RDL/Units	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Acetone	BRL	20.0 ug/l	1	SW 846 8260B	13-Jan-04	13-Jan-04	4010525	kw	
Acrylonitrile	BRL	1.00 ug/l	1	"	"	"	"	"	
Benzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromodichloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromoform	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromomethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Butanone (MEK)	BRL	10.0 ug/l	1	"	"	"	"	"	
n-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
sec-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
tert-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Carbon disulfide	BRL	5.00 ug/l	1	"	"	"	"	"	
Carbon tetrachloride	BRL	1.00 ug/l	1	"	"	"	"	"	
Chlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Chloroethane	BRL	2.00 ug/l	1	"	"	"	"	"	
Chloroform	BRL	1.00 ug/l	1	"	"	"	"	"	
Chloromethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	2.00 ug/l	1	"	"	"	"	"	
Dibromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	1.00 ug/l	1	"	"	"	"	"	
Dibromomethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	2.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethane	2.54	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,2-Dichloroethene	5.56	1.00 ug/l	1	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
2,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
Ethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	1.00 ug/l	1	"	"	"	"	"	
2-Hexanone (MBK)	BRL	10.0 ug/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi MW-4 (0104) 07163-02	0013172	Ground Water	12-Jan-04 15:35	13-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Isopropylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Isopropyltoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
Methyl tert-butyl ether	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	10.0 ug/l	1	"	"	"	"	"	
Methylene chloride	BRL	10.0 ug/l	1	"	"	"	"	"	
Naphthalene	BRL	1.00 ug/l	1	"	"	"	"	"	
n-Propylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Styrene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Tetrachloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
Toluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1-Trichloroethane	4.18	1.00 ug/l	1	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
chloroethene	19.0	1.00 ug/l	1	"	"	"	"	"	
hlorofluoromethane (Freon 11)	BRL	1.00 ug/l	1	"	"	"	"	"	
,3-Trichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Vinyl chloride	BRL	1.00 ug/l	1	"	"	"	"	"	
m,p-Xylene	BRL	2.00 ug/l	1	"	"	"	"	"	
o-Xylene	BRL	1.00 ug/l	1	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*101*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*100*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*102*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*105*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi MW-4 (0104)	0013172	Ground Water	12-Jan-04 15:35	13-Jan-04
^ ^07163-02				

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GC									
Polychlorinated Biphenyls by SW846 8082		Prepared by method SW846 3535							
PCB 1016	BRL	0.103 ug/l	1	SW846 8082	13-Jan-04	14-Jan-04	4010543	TG	
PCB 1221	BRL	0.103 ug/l	1	"	"	"	"	"	
PCB 1232	BRL	0.103 ug/l	1	"	"	"	"	"	
PCB 1242	BRL	0.103 ug/l	1	"	"	"	"	"	
PCB 1248	BRL	0.103 ug/l	1	"	"	"	"	"	
PCB 1254	BRL	0.103 ug/l	1	"	"	"	"	"	
PCB 1260	BRL	0.103 ug/l	1	"	"	"	"	"	
PCB 1262	BRL	0.103 ug/l	1	"	"	"	"	"	
PCB 1268	BRL	0.103 ug/l	1	"	"	"	"	"	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*76.6*	*40-140 %*		"	"	"	"	"	
Surrogate: Decachlorobiphenyl (Sr)	*116*	*40-140 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C		Prepared by method SW846 3535							
Acenaphthene	BRL	5.00 ug/l	1	SW846 8270C	13-Jan-04	14-Jan-04	4010544	M.B	
Acenaphthylene	BRL	5.00 ug/l	1	"	"	"	"	"	
;line	BRL	5.00 ug/l	1	"	"	"	"	"	
. ..thracene	BRL	5.00 ug/l	1	"	"	"	"	"	
Azobenzene/Diphenyldiazine	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzidine	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (a) anthracene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (a) pyrene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (b) fluoranthene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (g,h,i) perylene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (k) fluoranthene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzoic acid	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzyl alcohol	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-chloroethoxy)methane	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-chloroethyl)ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Bromophenyl phenyl ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Butyl benzyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
Carbazole	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Chloro-3-methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Chloroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Chloronaphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Chlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
`lorophenyl phenyl ether	BRL	5.00 ug/l	1	"	"	"	"	"	
. .ysene	BRL	5.00 ug/l	1	"	"	"	"	"	
Dibenzo (a,h) anthracene	BRL	5.00 ug/l	1	"	"	"	"	"	

This laboratory report is not valid without an authorized signature on the cover page.

*Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi MW-4 (0104) `07163-02	0013172	Ground Water	12-Jan-04 15:35	13-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3535									
Dibenzofuran	BRL	5.00 ug/l	1						
1,2-Dichlorobenzene	BRL	5.00 ug/l	1						
1,3-Dichlorobenzene	BRL	5.00 ug/l	1						
1,4-Dichlorobenzene	BRL	5.00 ug/l	1						
3,3'-Dichlorobenzidine	BRL	5.00 ug/l	1						
2,4-Dichlorophenol	BRL	5.00 ug/l	1						
Diethyl phthalate	BRL	5.00 ug/l	1						
Dimethyl phthalate	BRL	5.00 ug/l	1						
2,4-Dimethylphenol	BRL	5.00 ug/l	1						
Di-n-butyl phthalate	BRL	5.00 ug/l	1						
4,6-Dinitro-2-methylphenol	BRL	5.00 ug/l	1						
2,4-Dinitrophenol	BRL	5.00 ug/l	1						
2,4-Dinitrotoluene	BRL	5.00 ug/l	1						
2,6-Dinitrotoluene	BRL	5.00 ug/l	1						
Di-n-octyl phthalate	BRL	5.00 ug/l	1						
Fluoranthene	BRL	5.00 ug/l	1						
orene	BRL	5.00 ug/l	1						
achlorobenzene	BRL	5.00 ug/l	1						
achlorobutadiene	BRL	5.00 ug/l	1						
Hexachlorocyclopentadiene	BRL	5.00 ug/l	1						
Hexachloroethane	BRL	5.00 ug/l	1						
Indeno (1,2,3-cd) pyrene	BRL	5.00 ug/l	1						
1-Methylnaphthalene	BRL	5.00 ug/l	1						
Isophorone	BRL	5.00 ug/l	1						
2-Methylnaphthalene	BRL	5.00 ug/l	1						
2-Methylphenol	BRL	5.00 ug/l	1						
3-Methylphenol	BRL	5.00 ug/l	1						
4-Methylphenol	BRL	5.00 ug/l	1						
Naphthalene	BRL	5.00 ug/l	1						
2-Nitroaniline	BRL	5.00 ug/l	1						
3-Nitroaniline	BRL	5.00 ug/l	1						
4-Nitroaniline	BRL	5.00 ug/l	1						
Nitrobenzene	BRL	5.00 ug/l	1						
2-Nitrophenol	BRL	5.00 ug/l	1						
4-Nitrophenol	BRL	5.00 ug/l	1						
N-Nitrosodimethylamine	BRL	5.00 ug/l	1						
N-Nitrosodi-n-propylamine	BRL	5.00 ug/l	1						
N-Nitrosodiphenylamine	BRL	5.00 ug/l	1						
tachlorophenol	BRL	5.00 ug/l	1						
nanthrene	BRL	5.00 ug/l	1						
ol	BRL	5.00 ug/l	1						
ene	BRL	5.00 ug/l	1						

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi MW-4 (0104) 07163-02	0013172	Ground Water	12-Jan-04 15:35	13-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3535									
Pyridine	BRL	5.00 ug/l	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4,5-Trichlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4,6-Trichlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl	*76.8*	*30-130 %*		"	"	"	"	"	
Surrogate: 2-Fluorophenol	*68.9*	*15-110 %*		"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*69.9*	*30-130 %*		"	"	"	"	"	
Surrogate: Phenol-d5	*74.1*	*15-110 %*		"	"	"	"	"	
Surrogate: Terphenyl-dl4	*74.9*	*30-130 %*		"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol	*64.6*	*15-110 %*		"	"	"	"	"	
Total Metals by EPA 200 Series Methods									
Silver	BRL	0.0050 mg/l	1	EPA 200.7	13-Jan-04	14-Jan-04	4010593	KS	
Aluminum	BRL	0.185 mg/l	1	"	"	"	"	"	
Arsenic	BRL	0.0040 mg/l	1	"	"	"	"	"	
Barium	0.0387	0.0025 mg/l	1	"	"	"	"	"	
Beryllium	BRL	0.0010 mg/l	1	"	"	"	"	"	
Cadmium	BRL	0.0012 mg/l	1	"	"	"	"	"	
Cobalt	BRL	0.0025 mg/l	1	"	"	"	"	"	
Chromium	BRL	0.0025 mg/l	1	"	"	"	"	"	
Copper	BRL	0.0025 mg/l	1	"	"	"	"	"	
Iron	1.09	0.0025 mg/l	1	"	"	"	"	"	
Mercury	BRL	0.00040 mg/l	1	EPA 245.2/7470A	"	14-Jan-04	4010595	YP	
Potassium	BRL	2.00 mg/l	1	EPA 200.7	"	14-Jan-04	4010593	KS	
Magnesium	12.8	0.0125 mg/l	1	"	"	"	"	"	
Manganese	0.477	0.0005 mg/l	1	"	"	"	"	"	
Nickel	BRL	0.0025 mg/l	1	"	"	"	"	"	
Lead	BRL	0.0038 mg/l	1	"	"	"	"	"	
Antimony	BRL	0.0060 mg/l	1	"	"	"	"	"	
Selenium	BRL	0.0075 mg/l	1	"	"	"	"	"	
Thallium	BRL	0.0050 mg/l	1	"	"	"	"	"	
Zinc	0.0076	0.0025 mg/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi MW-4 (0104) 07163-02	0013172	Ground Water	12-Jan-04 15:35	13-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
General Chemistry Parameters									
Hexavalent Chromium	BRL	0.005 mg/l	1	SM3500CrD/7196A	13-Jan-04 11:15	13-Jan-04	4010575	AW	
Cyanide (total)	0.0564	0.0100 mg/l	1	10-204-00-1-A	13-Jan-04	14-Jan-04	4010638	"	
pH	6.82	pH Units	1	EPA 150.1	13-Jan-04 11:30	13-Jan-04	4010635	RB	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi TB (120104) 07163-03	0013172	Ground Water	12-Jan-04 00:00	13-Jan-04

Analyte(s)	*Result*	*RDL/Units	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Acetone	BRL	20.0 ug/l	1	SW 846 8260B	13-Jan-04	13-Jan-04	4010525	kw	
Acrylonitrile	BRL	1.00 ug/l	1	"	"	"	"	"	
Benzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromodichloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromoform	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromomethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Butanone (MEK)	BRL	10.0 ug/l	1	"	"	"	"	"	
n-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
sec-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
tert-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Carbon disulfide	BRL	5.00 ug/l	1	"	"	"	"	"	
Carbon tetrachloride	BRL	1.00 ug/l	1	"	"	"	"	"	
Chlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Chloroethane	BRL	2.00 ug/l	1	"	"	"	"	"	
Chloroform	BRL	1.00 ug/l	1	"	"	"	"	"	
Chloromethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	2.00 ug/l	1	"	"	"	"	"	
Dibromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	1.00 ug/l	1	"	"	"	"	"	
Dibromomethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	2.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
2,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
Ethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	1.00 ug/l	1	"	"	"	"	"	
2-Hexanone (MBK)	BRL	10.0 ug/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi TB (120104)	0013172	Ground Water	12-Jan-04 00:00	13-Jan-04
[illegible]07163-03				

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Isopropylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Isopropyltoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
Methyl tert-butyl ether	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	10.0 ug/l	1	"	"	"	"	"	
Methylene chloride	BRL	10.0 ug/l	1	"	"	"	"	"	
Naphthalene	BRL	1.00 ug/l	1	"	"	"	"	"	
n-Propylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Styrene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Tetrachloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
Toluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
[illegible]chloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
lorofluoromethane (Freon 11)	BRL	1.00 ug/l	1	"	"	"	"	"	
[illegible]-Trichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Vinyl chloride	BRL	1.00 ug/l	1	"	"	"	"	"	
m,p-Xylene	BRL	2.00 ug/l	1	"	"	"	"	"	
o-Xylene	BRL	1.00 ug/l	1	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*99.8*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*101*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*105*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*106*	*70-130 %*		"	"	"	"	"	

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010525 - Volatiles										
Blank (4010525-BLK1)				Prepared: 12-Jan-04 Analyzed: 13-Jan-04						
Acetone	BRL	20.0	ug/l							
Acrylonitrile	BRL	1.00	ug/l							
Benzene	BRL	1.00	ug/l							
Bromobenzene	BRL	1.00	ug/l							
Bromochloromethane	BRL	1.00	ug/l							
Bromodichloromethane	BRL	1.00	ug/l							
Bromoform	BRL	1.00	ug/l							
Bromomethane	BRL	2.00	ug/l							
2-Butanone (MEK)	BRL	10.0	ug/l							
n-Butylbenzene	BRL	1.00	ug/l							
sec-Butylbenzene	BRL	1.00	ug/l							
tert-Butylbenzene	BRL	1.00	ug/l							
Carbon disulfide	BRL	5.00	ug/l							
Carbon tetrachloride	BRL	1.00	ug/l							
Chlorobenzene	BRL	1.00	ug/l							
Chloroethane	BRL	2.00	ug/l							
Chloroform	BRL	1.00	ug/l							
Chloromethane	BRL	2.00	ug/l							
2-Chlorotoluene	BRL	1.00	ug/l							
4-Chlorotoluene	BRL	1.00	ug/l							
1,2-Dibromo-3-chloropropane	BRL	2.00	ug/l							
Dibromochloromethane	BRL	1.00	ug/l							
1,2-Dibromoethane (EDB)	BRL	1.00	ug/l							
Dibromomethane	BRL	1.00	ug/l							
1,2-Dichlorobenzene	BRL	1.00	ug/l							
1,3-Dichlorobenzene	BRL	1.00	ug/l							
1,4-Dichlorobenzene	BRL	1.00	ug/l							
Dichlorodifluoromethane (Freon12)	BRL	2.00	ug/l							
1,1-Dichloroethane	BRL	1.00	ug/l							
1,2-Dichloroethane	BRL	1.00	ug/l							
1,1-Dichloroethene	BRL	1.00	ug/l							
cis-1,2-Dichloroethene	BRL	1.00	ug/l							
trans-1,2-Dichloroethene	BRL	1.00	ug/l							
1,2-Dichloropropane	BRL	1.00	ug/l							
1,3-Dichloropropane	BRL	1.00	ug/l							
2,2-Dichloropropane	BRL	1.00	ug/l							
1,1-Dichloropropene	BRL	1.00	ug/l							
cis-1,3-Dichloropropene	BRL	1.00	ug/l							
trans-1,3-Dichloropropene	BRL	1.00	ug/l							
Ethylbenzene	BRL	1.00	ug/l							
Hexachlorobutadiene	BRL	1.00	ug/l							
2-Hexanone (MBK)	BRL	10.0	ug/l							
Isopropylbenzene	BRL	1.00	ug/l							
4-Isopropyltoluene	BRL	1.00	ug/l							
Methyl tert-butyl ether	BRL	1.00	ug/l							
4-Methyl-2-pentanone (MIBK)	BRL	10.0	ug/l							
Methylene chloride	BRL	10.0	ug/l							
Naphthalene	BRL	1.00	ug/l							
n-Propylbenzene	BRL	1.00	ug/l							
Styrene	BRL	1.00	ug/l							
1,1,2-Tetrachloroethane	BRL	1.00	ug/l							
1,2,2-Tetrachloroethane	BRL	1.00	ug/l							
Tetrachloroethene	BRL	1.00	ug/l							
Toluene	BRL	1.00	ug/l							

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010525 - Volatiles										
Blank (4010525-BLK1)				Prepared: 12-Jan-04 Analyzed: 13-Jan-04						
1,2,3-Trichlorobenzene	BRL	1.00	ug/l							
1,2,4-Trichlorobenzene	BRL	1.00	ug/l							
1,1,1-Trichloroethane	BRL	1.00	ug/l							
1,1,2-Trichloroethane	BRL	1.00	ug/l							
Trichloroethene	BRL	1.00	ug/l							
Trichlorofluoromethane (Freon 11)	BRL	1.00	ug/l							
1,2,3-Trichloropropane	BRL	1.00	ug/l							
1,2,4-Trimethylbenzene	BRL	1.00	ug/l							
1,3,5-Trimethylbenzene	BRL	1.00	ug/l							
Vinyl chloride	BRL	1.00	ug/l							
m,p-Xylene	BRL	2.00	ug/l							
o-Xylene	BRL	1.00	ug/l							
Surrogate: 4-Bromofluorobenzene	*50.1*		ug/l	*50.0*		*100*	*70-130*			
Surrogate: Toluene-d8	*49.0*		ug/l	*50.0*		*98.0*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*53.7*		ug/l	*50.0*		*107*	*70-130*			
Surrogate: Dibromofluoromethane	*50.8*		ug/l	*50.0*		*102*	*70-130*			
Duplicate (4010525-DUP1)		Source: SA07140-05		Prepared: 12-Jan-04 Analyzed: 14-Jan-04						
Acetone	BRL	20.0	ug/l		1.99				30	
Acrylonitrile	BRL	1.00	ug/l		BRL				30	
Benzene	BRL	1.00	ug/l		BRL				30	
Bromobenzene	BRL	1.00	ug/l		BRL				30	
Bromochloromethane	BRL	1.00	ug/l		BRL				30	
Bromodichloromethane	BRL	1.00	ug/l		0.920				30	
Bromoform	BRL	1.00	ug/l		BRL				30	
Bromomethane	BRL	2.00	ug/l		BRL				30	
2-Butanone (MEK)	BRL	10.0	ug/l		BRL				30	
n-Butylbenzene	BRL	1.00	ug/l		BRL				30	
sec-Butylbenzene	BRL	1.00	ug/l		BRL				30	
tert-Butylbenzene	BRL	1.00	ug/l		BRL				30	
Carbon disulfide	BRL	5.00	ug/l		BRL				30	
Carbon tetrachloride	BRL	1.00	ug/l		BRL				30	
Chlorobenzene	BRL	1.00	ug/l		BRL				30	
Chloroethane	BRL	2.00	ug/l		BRL				30	
Chloroform	37.9	1.00	ug/l		39.7			4.64	30	
Chloromethane	BRL	2.00	ug/l		BRL				30	
2-Chlorotoluene	BRL	1.00	ug/l		BRL				30	
4-Chlorotoluene	BRL	1.00	ug/l		BRL				30	
1,2-Dibromo-3-chloropropane	BRL	2.00	ug/l		BRL				30	
Dibromochloromethane	BRL	1.00	ug/l		BRL				30	
1,2-Dibromoethane (EDB)	BRL	1.00	ug/l		BRL				30	
Dibromomethane	BRL	1.00	ug/l		BRL				30	
1,2-Dichlorobenzene	BRL	1.00	ug/l		BRL				30	
1,3-Dichlorobenzene	BRL	1.00	ug/l		BRL				30	
1,4-Dichlorobenzene	BRL	1.00	ug/l		BRL				30	
Dichlorodifluoromethane (Freon12)	BRL	2.00	ug/l		BRL				30	
1,1-Dichloroethane	BRL	1.00	ug/l		BRL				30	
1,2-Dichloroethane	BRL	1.00	ug/l		BRL				30	
1,1-Dichloroethene	BRL	1.00	ug/l		BRL				30	
cis-1,2-Dichloroethene	BRL	1.00	ug/l		BRL				30	
trans-1,2-Dichloroethene	BRL	1.00	ug/l		BRL				30	
Dichloropropane	BRL	1.00	ug/l		BRL				30	
Dichloropropane	BRL	1.00	ug/l		BRL				30	
Dichloropropane	BRL	1.00	ug/l		BRL				30	

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010525 - Volatiles										
Duplicate (4010525-DUP1)	Source: SA07140-05			Prepared: 12-Jan-04 Analyzed: 14-Jan-04						
1,1-Dichloropropene	BRL	1.00	ug/l		BRL				30	
cis-1,3-Dichloropropene	BRL	1.00	ug/l		BRL				30	
trans-1,3-Dichloropropene	BRL	1.00	ug/l		BRL				30	
Ethylbenzene	BRL	1.00	ug/l		BRL				30	
Hexachlorobutadiene	BRL	1.00	ug/l		BRL				30	
2-Hexanone (MBK)	BRL	10.0	ug/l		BRL				30	
Isopropylbenzene	BRL	1.00	ug/l		BRL				30	
4-Isopropyltoluene	BRL	1.00	ug/l		BRL				30	
Methyl tert-butyl ether	BRL	1.00	ug/l		BRL				30	
4-Methyl-2-pentanone (MIBK)	BRL	10.0	ug/l		BRL				30	
Methylene chloride	BRL	10.0	ug/l		10.1			4.45	30	
Naphthalene	BRL	1.00	ug/l		BRL				30	
n-Propylbenzene	BRL	1.00	ug/l		BRL				30	
Styrene	BRL	1.00	ug/l		BRL				30	
1,1,1,2-Tetrachloroethane	BRL	1.00	ug/l		BRL				30	
1,1,2,2-Tetrachloroethane	BRL	1.00	ug/l		BRL				30	
Tetrachloroethene	BRL	1.00	ug/l		BRL				30	
Toluene	BRL	1.00	ug/l		BRL				30	
1,2,3-Trichlorobenzene	BRL	1.00	ug/l		BRL				30	
1,2,4-Trichlorobenzene	BRL	1.00	ug/l		BRL				30	
1,1,1-Trichloroethane	BRL	1.00	ug/l		BRL				30	
1,1,2-Trichloroethane	BRL	1.00	ug/l		BRL				30	
Trichloroethene	BRL	1.00	ug/l		BRL				30	
Trichlorofluoromethane (Freon 11)	BRL	1.00	ug/l		BRL				30	
1,2,3-Trichloropropane	BRL	1.00	ug/l		BRL				30	
1,2,4-Trimethylbenzene	BRL	1.00	ug/l		BRL				30	
1,3,5-Trimethylbenzene	BRL	1.00	ug/l		BRL				30	
Vinyl chloride	BRL	1.00	ug/l		BRL				30	
m,p-Xylene	BRL	2.00	ug/l		BRL				30	
o-Xylene	BRL	1.00	ug/l		BRL				30	
Surrogate: 4-Bromofluorobenzene	*51.1*		ug/l	*50.0*		*102*	*70-130*			
Surrogate: Toluene-d8	*48.5*		ug/l	*50.0*		*97.0*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*52.5*		ug/l	*50.0*		*105*	*70-130*			
Surrogate: Dibromofluoromethane	*52.4*		ug/l	*50.0*		*105*	*70-130*			
Matrix Spike (4010525-MS1)	Source: SA07115-06			Prepared: 12-Jan-04 Analyzed: 13-Jan-04						
Benzene	21.7		ug/l	20.0	0.980	104	70-130			
Chlorobenzene	20.9		ug/l	20.0	BRL	104	70-130			
1,1-Dichloroethene	22.6		ug/l	20.0	BRL	113	70-130			
Toluene	21.0		ug/l	20.0	BRL	105	70-130			
Trichloroethene	21.2		ug/l	20.0	BRL	106	70-130			
Surrogate: 4-Bromofluorobenzene	*50.8*		ug/l	*50.0*		*102*	*70-130*			
Surrogate: Toluene-d8	*49.6*		ug/l	*50.0*		*99.2*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*51.5*		ug/l	*50.0*		*103*	*70-130*			
Surrogate: Dibromofluoromethane	*50.5*		ug/l	*50.0*		*101*	*70-130*			
Matrix Spike Dup (4010525-MSD1)	Source: SA07115-06			Prepared: 12-Jan-04 Analyzed: 13-Jan-04						
Benzene	23.1		ug/l	20.0	0.980	111	70-130	6.51	30	
Chlorobenzene	21.7		ug/l	20.0	BRL	108	70-130	3.77	30	
1,1-Dichloroethene	22.8		ug/l	20.0	BRL	114	70-130	0.881	30	
Toluene	22.5		ug/l	20.0	BRL	112	70-130	6.45	30	
Trichloroethene	21.7		ug/l	20.0	BRL	108	70-130	1.87	30	
Surrogate: 4-Bromofluorobenzene	*50.7*		ug/l	*50.0*		*101*	*70-130*			
Surrogate: Toluene-d8	*51.1*		ug/l	*50.0*		*102*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*53.6*		ug/l	*50.0*		*107*	*70-130*			

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*Reportable Detection Limit BRL = Below Reporting Limit

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010525 - Volatiles										
Matrix Spike Dup (4010525-MSD1)	Source: SA07115-06			Prepared: 12-Jan-04 Analyzed: 13-Jan-04						
Surrogate: Dibromofluoromethane	*52.8*		ug/l	*50.0*		*106*	*70-130*			

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010543 - SW846 3535										
Blank (4010543-BLK1)				Prepared: 13-Jan-04 Analyzed: 14-Jan-04						
PCB 1016	BRL	0.100	ug/l							
PCB 1221	BRL	0.100	ug/l							
PCB 1232	BRL	0.100	ug/l							
PCB 1242	BRL	0.100	ug/l							
PCB 1248	BRL	0.100	ug/l							
PCB 1254	BRL	0.100	ug/l							
PCB 1260	BRL	0.100	ug/l							
PCB 1262	BRL	0.100	ug/l							
PCB 1268	BRL	0.100	ug/l							
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.137*		ug/l	*0.200*		*68.5*	*40-140*			
Surrogate: Decachlorobiphenyl (Sr)	*0.102*		ug/l	*0.200*		*51.0*	*40-140*			
Duplicate (4010543-DUP1)	Source: SA07001-01			Prepared: 13-Jan-04 Analyzed: 14-Jan-04						
PCB 1016	BRL	0.111	ug/l		BRL				40	
PCB 1221	BRL	0.111	ug/l		BRL				40	
PCB 1232	BRL	0.111	ug/l		BRL				40	
PCB 1242	BRL	0.111	ug/l		BRL				40	
PCB 1248	BRL	0.111	ug/l		BRL				40	
PCB 1254	BRL	0.111	ug/l		BRL				40	
PCB 1260	BRL	0.111	ug/l		BRL				40	
PCB 1262	BRL	0.111	ug/l		BRL				40	
PCB 1268	BRL	0.111	ug/l		BRL				40	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.218*		ug/l	*0.222*		*98.2*	*40-140*			
Surrogate: Decachlorobiphenyl (Sr)	*0.200*		ug/l	*0.222*		*90.1*	*40-140*			

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010544 - SW846 3535										
Blank (4010544-BLK1)				Prepared: 13-Jan-04 Analyzed: 14-Jan-04						
Acenaphthene	BRL	5.00	ug/l							
Acenaphthylene	BRL	5.00	ug/l							
Aniline	BRL	5.00	ug/l							
Anthracene	BRL	5.00	ug/l							
Azobenzene/Diphenyldiazine	BRL	5.00	ug/l							
Benzidine	BRL	5.00	ug/l							
Benzo (a) anthracene	BRL	5.00	ug/l							
Benzo (a) pyrene	BRL	5.00	ug/l							
Benzo (b) fluoranthene	BRL	5.00	ug/l							
Benzo (g,h,i) perylene	BRL	5.00	ug/l							
Benzo (k) fluoranthene	BRL	5.00	ug/l							
Benzoic acid	BRL	5.00	ug/l							
Benzyl alcohol	BRL	5.00	ug/l							
Bis(2-chloroethoxy)methane	BRL	5.00	ug/l							
Bis(2-chloroethyl)ether	BRL	5.00	ug/l							
Bis(2-chloroisopropyl)ether	BRL	5.00	ug/l							
Bis(2-ethylhexyl)phthalate	BRL	5.00	ug/l							
4-Bromophenyl phenyl ether	BRL	5.00	ug/l							
Butyl benzyl phthalate	BRL	5.00	ug/l							
Carbazole	BRL	5.00	ug/l							
4-Chloro-3-methylphenol	BRL	5.00	ug/l							
4-Chloroaniline	BRL	5.00	ug/l							
2-Chloronaphthalene	BRL	5.00	ug/l							
Chlorophenol	BRL	5.00	ug/l							
Chlorophenyl phenyl ether	BRL	5.00	ug/l							
Chrysene	BRL	5.00	ug/l							
Dibenzo (a,h) anthracene	BRL	5.00	ug/l							
Dibenzofuran	BRL	5.00	ug/l							
1,2-Dichlorobenzene	BRL	5.00	ug/l							
1,3-Dichlorobenzene	BRL	5.00	ug/l							
1,4-Dichlorobenzene	BRL	5.00	ug/l							
3,3'-Dichlorobenzidine	BRL	5.00	ug/l							
2,4-Dichlorophenol	BRL	5.00	ug/l							
Diethyl phthalate	BRL	5.00	ug/l							
Dimethyl phthalate	BRL	5.00	ug/l							
2,4-Dimethylphenol	BRL	5.00	ug/l							
Di-n-butyl phthalate	BRL	5.00	ug/l							
4,6-Dinitro-2-methylphenol	BRL	5.00	ug/l							
2,4-Dinitrophenol	BRL	5.00	ug/l							
2,4-Dinitrotoluene	BRL	5.00	ug/l							
2,6-Dinitrotoluene	BRL	5.00	ug/l							
Di-n-octyl phthalate	BRL	5.00	ug/l							
Fluoranthene	BRL	5.00	ug/l							
Fluorene	BRL	5.00	ug/l							
Hexachlorobenzene	BRL	5.00	ug/l							
Hexachlorobutadiene	BRL	5.00	ug/l							
Hexachlorocyclopentadiene	BRL	5.00	ug/l							
Hexachloroethane	BRL	5.00	ug/l							
Indeno (1,2,3-cd) pyrene	BRL	5.00	ug/l							
1-Methylnaphthalene	BRL	5.00	ug/l							
Isophorone	BRL	5.00	ug/l							
Methylnaphthalene	BRL	5.00	ug/l							
2-Methylphenol	BRL	5.00	ug/l							
3-Methylphenol	BRL	5.00	ug/l							

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010544 - SW846 3535										
Blank (4010544-BLK1)				Prepared: 13-Jan-04 Analyzed: 14-Jan-04						
4-Methylphenol	BRL	5.00	ug/l							
Naphthalene	BRL	5.00	ug/l							
2-Nitroaniline	BRL	5.00	ug/l							
3-Nitroaniline	BRL	5.00	ug/l							
4-Nitroaniline	BRL	5.00	ug/l							
Nitrobenzene	BRL	5.00	ug/l							
2-Nitrophenol	BRL	5.00	ug/l							
4-Nitrophenol	BRL	5.00	ug/l							
N-Nitrosodimethylamine	BRL	5.00	ug/l							
N-Nitrosodi-n-propylamine	BRL	5.00	ug/l							
N-Nitrosodiphenylamine	BRL	5.00	ug/l							
Pentachlorophenol	BRL	5.00	ug/l							
Phenanthrene	BRL	5.00	ug/l							
Phenol	BRL	5.00	ug/l							
Pyrene	BRL	5.00	ug/l							
Pyridine	BRL	5.00	ug/l							
1,2,4-Trichlorobenzene	BRL	5.00	ug/l							
2,4,5-Trichlorophenol	BRL	5.00	ug/l							
2,4,6-Trichlorophenol	BRL	5.00	ug/l							
Surrogate: 2-Fluorobiphenyl	*61.0*		ug/l	*100*		*61.0*	*30-130*			
Surrogate: 2-Fluorophenol	*55.8*		ug/l	*100*		*55.8*	*15-110*			
Surrogate: Nitrobenzene-d5	*55.0*		ug/l	*100*		*55.0*	*30-130*			
Surrogate: Phenol-d5	*53.9*		ug/l	*100*		*53.9*	*15-110*			
rogate: Terphenyl-dl4	*71.6*		ug/l	*100*		*71.6*	*30-130*			
ogate: 2,4,6-Tribromophenol	*67.2*		ug/l	*100*		*67.2*	*15-110*			
Duplicate (4010544-DUP1)		Source: SA07001-01		Prepared: 13-Jan-04 Analyzed: 14-Jan-04						
Acenaphthene	BRL	5.00	ug/l		BRL				50	
Acenaphthylene	BRL	5.00	ug/l		BRL				50	
Aniline	BRL	5.00	ug/l		BRL				50	
Anthracene	BRL	5.00	ug/l		BRL				50	
Azobenzene/Diphenyldiazine	BRL	5.00	ug/l		BRL				50	
Benzidine	BRL	5.00	ug/l		BRL				50	
Benzo (a) anthracene	BRL	5.00	ug/l		0.667			26.5	50	
Benzo (a) pyrene	BRL	5.00	ug/l		BRL				50	
Benzo (b) fluoranthene	BRL	5.00	ug/l		BRL				50	
Benzo (g,h,i) perylene	BRL	5.00	ug/l		BRL				50	
Benzo (k) fluoranthene	BRL	5.00	ug/l		BRL				50	
Benzoic acid	BRL	5.00	ug/l		BRL				50	
Benzyl alcohol	BRL	5.00	ug/l		0.711			24.7	50	
Bis(2-chloroethoxy)methane	BRL	5.00	ug/l		BRL				50	
Bis(2-chloroethyl)ether	BRL	5.00	ug/l		BRL				50	
Bis(2-chloroisopropyl)ether	BRL	5.00	ug/l		BRL				50	
Bis(2-ethylhexyl)phthalate	BRL	5.00	ug/l		BRL				50	
4-Bromophenyl phenyl ether	BRL	5.00	ug/l		BRL				50	
Butyl benzyl phthalate	BRL	5.00	ug/l		BRL				50	
Carbazole	BRL	5.00	ug/l		BRL				50	
4-Chloro-3-methylphenol	BRL	5.00	ug/l		BRL				50	
4-Chloroaniline	BRL	5.00	ug/l		BRL				50	
2-Chloronaphthalene	BRL	5.00	ug/l		BRL				50	
-Chlorophenol	BRL	5.00	ug/l		BRL				50	
hlorophenyl phenyl ether	BRL	5.00	ug/l		BRL				50	
ysene	BRL	5.00	ug/l		0.733			6.19	50	
enzo (a,h) anthracene	BRL	5.00	ug/l		0.0889				50	

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010544 - SW846 3535										
Duplicate (4010544-DUP1)	Source: SA07001-01			Prepared: 13-Jan-04 Analyzed: 14-Jan-04						
Dibenzofuran	BRL	5.00	ug/l		BRL				50	
1,2-Dichlorobenzene	BRL	5.00	ug/l		BRL				50	
1,3-Dichlorobenzene	BRL	5.00	ug/l		BRL				50	
1,4-Dichlorobenzene	BRL	5.00	ug/l		BRL				50	
3,3'-Dichlorobenzidine	BRL	5.00	ug/l		BRL				50	
2,4-Dichlorophenol	BRL	5.00	ug/l		BRL				50	
Diethyl phthalate	BRL	5.00	ug/l		0.200			0.00	50	
Dimethyl phthalate	BRL	5.00	ug/l		BRL				50	
2,4-Dimethylphenol	BRL	5.00	ug/l		BRL				50	
Di-n-butyl phthalate	BRL	5.00	ug/l		1.49			33.5	50	
4,6-Dinitro-2-methylphenol	BRL	5.00	ug/l		BRL				50	
2,4-Dinitrophenol	BRL	5.00	ug/l		BRL				50	
2,4-Dinitrotoluene	BRL	5.00	ug/l		BRL				50	
2,6-Dinitrotoluene	BRL	5.00	ug/l		BRL				50	
Di-n-octyl phthalate	BRL	5.00	ug/l		BRL				50	
Fluoranthene	BRL	5.00	ug/l		BRL				50	
Fluorene	BRL	5.00	ug/l		BRL				50	
Hexachlorobenzene	BRL	5.00	ug/l		BRL				50	
Hexachlorobutadiene	BRL	5.00	ug/l		BRL				50	
Hexachlorocyclopentadiene	BRL	5.00	ug/l		BRL				50	
Hexachloroethane	BRL	5.00	ug/l		BRL				50	
Indeno (1,2,3-cd) pyrene	BRL	5.00	ug/l		BRL				50	
1-Methylnaphthalene	BRL	5.00	ug/l		BRL				200	
Isophorone	BRL	5.00	ug/l		BRL				50	
2-Methylnaphthalene	BRL	5.00	ug/l		BRL				50	
2-Methylphenol	BRL	5.00	ug/l		BRL				50	
3-Methylphenol	BRL	5.00	ug/l		BRL				50	
4-Methylphenol	BRL	5.00	ug/l		BRL				50	
Naphthalene	BRL	5.00	ug/l		BRL				50	
2-Nitroaniline	BRL	5.00	ug/l		BRL				50	
3-Nitroaniline	BRL	5.00	ug/l		BRL				50	
4-Nitroaniline	BRL	5.00	ug/l		BRL				50	
Nitrobenzene	BRL	5.00	ug/l		0.489			12.8	50	
2-Nitrophenol	BRL	5.00	ug/l		BRL				50	
4-Nitrophenol	BRL	5.00	ug/l		BRL				50	
N-Nitrosodimethylamine	BRL	5.00	ug/l		BRL				50	
N-Nitrosodi-n-propylamine	BRL	5.00	ug/l		BRL				50	
N-Nitrosodiphenylamine	BRL	5.00	ug/l		0.667			3.24	50	
Pentachlorophenol	BRL	5.00	ug/l		BRL				50	
Phenanthrene	BRL	5.00	ug/l		BRL				50	
Phenol	BRL	5.00	ug/l		BRL				50	
Pyrene	BRL	5.00	ug/l		BRL				50	
Pyridine	BRL	5.00	ug/l		0.200				50	
1,2,4-Trichlorobenzene	BRL	5.00	ug/l		BRL				50	
2,4,5-Trichlorophenol	BRL	5.00	ug/l		BRL				50	
2,4,6-Trichlorophenol	BRL	5.00	ug/l		BRL				50	
Surrogate: 2-Fluorobiphenyl	*78.9*		ug/l	*111*		*71.1*	*30-130*			
Surrogate: 2-Fluorophenol	*78.2*		ug/l	*111*		*70.5*	*15-110*			
Surrogate: Nitrobenzene-d5	*71.1*		ug/l	*111*		*64.1*	*30-130*			
Surrogate: Phenol-d5	*82.0*		ug/l	*111*		*73.9*	*15-110*			
Surrogate: Terphenyl-d14	*83.7*		ug/l	*111*		*75.4*	*30-130*			
Surrogate: 2,4,6-Tribromophenol	*67.7*		ug/l	*111*		*61.0*	*15-110*			

Total Metals by EPA 200 Series Methods - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010593 - EPA 200 Series										
Blank (4010593-BLK1)				Prepared: 13-Jan-04 Analyzed: 14-Jan-04						
Antimony	BRL	0.0120	mg/l							
Iron	BRL	0.0050	mg/l							
Lead	BRL	0.0075	mg/l							
Magnesium	BRL	0.0250	mg/l							
Manganese	BRL	0.0260	mg/l							
Nickel	BRL	0.0050	mg/l							
Potassium	BRL	4.00	mg/l							
Selenium	BRL	0.0150	mg/l							
Sodium	0.338	0.0500	mg/l							QB-01
Thallium	BRL	0.0100	mg/l							
Zinc	BRL	0.0050	mg/l							
Aluminum	BRL	0.370	mg/l							
Arsenic	BRL	0.0080	mg/l							
Barium	BRL	0.0275	mg/l							
Beryllium	BRL	0.0020	mg/l							
Cadmium	BRL	0.0025	mg/l							
Calcium	BRL	0.0500	mg/l							
Chromium	BRL	0.0050	mg/l							
Cobalt	BRL	0.0050	mg/l							
Copper	BRL	0.0050	mg/l							
Silver	BRL	0.0100	mg/l							
LCS (4010593-BS1)				Prepared: 13-Jan-04 Analyzed: 14-Jan-04						
Antimony	0.984	0.0120	mg/l	1.00		98.4	85-115			
Iron	0.954	0.0050	mg/l	1.00		95.4	85-115			
Lead	0.898	0.0075	mg/l	1.00		89.8	85-115			
Magnesium	0.972	0.0250	mg/l	1.00		97.2	85-115			
Manganese	0.956	0.0010	mg/l	1.00		95.6	85-115			
Nickel	0.941	0.0050	mg/l	1.00		94.1	85-115			
Potassium	9.50	0.100	mg/l	10.0		95.0	85-115			
Selenium	1.12	0.0150	mg/l	1.00		112	85-115			
Sodium	0.994	0.0100	mg/l	1.00		99.4	85-115			
Thallium	0.895	0.0100	mg/l	1.00		89.5	85-115			
Zinc	1.07	0.0050	mg/l	1.00		107	85-115			
Aluminum	1.01	0.0300	mg/l	1.00		101	85-115			
Arsenic	1.02	0.0080	mg/l	1.00		102	85-115			
Barium	0.897	0.0050	mg/l	1.00		89.7	85-115			
Beryllium	0.962	0.0020	mg/l	1.00		96.2	85-115			
Cadmium	1.01	0.0025	mg/l	1.00		101	85-115			
Calcium	1.07	0.0500	mg/l	1.00		107	85-115			
Chromium	0.907	0.0050	mg/l	1.00		90.7	85-115			
Cobalt	0.918	0.0050	mg/l	1.00		91.8	85-115			
Copper	0.935	0.0050	mg/l	1.00		93.5	85-115			
Silver	0.528	0.0200	mg/l	0.500		106	85-115			
Duplicate (4010593-DUP1)		Source: SA06925-01		Prepared: 13-Jan-04 Analyzed: 14-Jan-04						
Antimony	BRL	0.0120	mg/l		BRL				20	
Iron	0.464	0.0050	mg/l		0.445			4.18	20	
Lead	BRL	0.0075	mg/l		0.0030			28.6	20	Z-2
Magnesium	1.58	0.0250	mg/l		1.53			3.22	20	
Manganese	0.128	0.0010	mg/l		0.125			2.37	20	
Nickel	BRL	0.0050	mg/l		BRL				20	
Potassium	BRL	4.00	mg/l		1.45			2.09	20	
Selenium	BRL	0.0150	mg/l		BRL				20	
Sodium	18.6	0.0500	mg/l		18.5			0.539	20	

This laboratory report is not valid without an authorized signature on the cover page.

*Reportable Detection Limit BRL = Below Reporting Limit

Total Metals by EPA 200 Series Methods - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010593 - EPA 200 Series										
Duplicate (4010593-DUP1)		Source: SA06925-01		Prepared: 13-Jan-04 Analyzed: 14-Jan-04						
Thallium	BRL	0.0100	mg/l		BRL				20	
Zinc	0.0588	0.0050	mg/l		0.0582			1.03	20	
Aluminum	BRL	0.370	mg/l		0.194			3.05	20	
Arsenic	BRL	0.0080	mg/l		BRL				20	
Barium	BRL	0.0275	mg/l		0.0265			2.61	20	
Beryllium	BRL	0.0020	mg/l		0.0008			0.00	20	
Cadmium	BRL	0.0025	mg/l		BRL				20	
Calcium	8.08	0.0500	mg/l		7.82			3.27	20	
Chromium	BRL	0.0050	mg/l		0.0024			0.00	20	
Cobalt	BRL	0.0050	mg/l		BRL				20	
Copper	0.0052	0.0050	mg/l		0.0055			5.61	20	
Silver	BRL	0.0100	mg/l		BRL				20	
Matrix Spike (4010593-MS1)		Source: SA06949-01		Prepared: 13-Jan-04 Analyzed: 14-Jan-04						
Antimony	0.0791	0.0060	mg/l	0.100	0.0056	73.5	70-130			
Iron	0.0860	0.0025	mg/l	0.100	0.0137	72.3	70-130			
Lead	0.0624	0.0038	mg/l	0.100	BRL	62.4	70-130			QM-07
Magnesium	4.48	0.0125	mg/l	0.100	4.65	NR	70-130			QM-02
Manganese	0.0836	0.0005	mg/l	0.100	0.0028	80.8	70-130			
Nickel	0.0685	0.0025	mg/l	0.100	BRL	68.5	70-130			QM-07
Potassium	3.69	0.0500	mg/l	1.00	2.79	90.0	70-130			
Selenium	0.0891	0.0075	mg/l	0.100	BRL	89.1	70-130			
Sodium	1420	0.0250	mg/l	0.100	1490	NR	70-130			QM-02
Thallium	0.0622	0.0050	mg/l	0.100	BRL	62.2	70-130			QM-07
Zinc	0.0829	0.0025	mg/l	0.100	0.0065	76.4	70-130			
Aluminum	0.267	0.0075	mg/l	0.100	0.184	83.0	70-130			
Arsenic	0.0783	0.0040	mg/l	0.100	BRL	78.3	70-130			
Barium	0.104	0.0025	mg/l	0.100	0.0396	64.4	70-130			QM-07
Beryllium	0.0702	0.0010	mg/l	0.100	0.0004	69.8	70-130			QM-07
Cadmium	0.0714	0.0012	mg/l	0.100	BRL	71.4	70-130			
Calcium	76.8	0.0250	mg/l	0.100	77.2	NR	70-130			QM-02
Chromium	0.176	0.0025	mg/l	0.100	0.115	61.0	70-130			QM-07
Cobalt	0.0664	0.0025	mg/l	0.100	BRL	66.4	70-130			QM-07
Copper	0.116	0.0025	mg/l	0.100	0.0400	76.0	70-130			
Silver	0.0367	0.0050	mg/l	0.0500	BRL	73.4	70-130			
Batch 4010595 - EPA200/SW7000 Series										
Blank (4010595-BLK1)				Prepared: 13-Jan-04 Analyzed: 14-Jan-04						
Mercury	BRL	0.00040	mg/l							
LCS (4010595-BS1)				Prepared: 13-Jan-04 Analyzed: 14-Jan-04						
Mercury	0.00430	0.00040	mg/l	0.00500		86.0	80-120			
Duplicate (4010595-DUP1)		Source: SA07163-02		Prepared: 13-Jan-04 Analyzed: 14-Jan-04						
Mercury	BRL	0.00040	mg/l		BRL				20	
Matrix Spike (4010595-MS1)		Source: SA07163-01		Prepared: 13-Jan-04 Analyzed: 14-Jan-04						
Mercury	0.00406	0.00040	mg/l	0.00500	BRL	81.2	75-125			
Matrix Spike Dup (4010595-MSD1)		Source: SA07163-01		Prepared: 13-Jan-04 Analyzed: 14-Jan-04						
Mercury	0.00417	0.00040	mg/l	0.00500	BRL	83.4	75-125	2.67	20	

General Chemistry Parameters - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010575 - General Preparation										
Blank (4010575-BLK1)				Prepared & Analyzed: 13-Jan-04						
Hexavalent Chromium	BRL	0.005	mg/l							
LCS (4010575-BS1)				Prepared & Analyzed: 13-Jan-04						
Hexavalent Chromium	0.054	0.005	mg/l	0.0500		108	90-110			
Duplicate (4010575-DUP1)	Source: SA07140-04			Prepared & Analyzed: 13-Jan-04						
Hexavalent Chromium	BRL	0.050	mg/l		BRL				20	
Matrix Spike (4010575-MS1)	Source: SA07140-04			Prepared & Analyzed: 13-Jan-04						
Hexavalent Chromium	0.460	0.050	mg/l	0.500	BRL	92.0	80-120			
Reference (4010575-SRM1)				Prepared & Analyzed: 13-Jan-04						
Hexavalent Chromium	0.027	0.005	mg/l	0.0250		108	85-115			
Batch 4010635 - General Preparation										
Duplicate (4010635-DUP1)	Source: SA07193-04			Prepared & Analyzed: 13-Jan-04						
pH	6.39		pH Units		6.35			0.628	20	
Batch 4010638 - General Preparation										
LCS (4010638-BS1)				Prepared: 13-Jan-04 Analyzed: 14-Jan-04						
Cyanide (total)	0.311	0.0100	mg/l	0.300		104	90-110			
Reference (4010638-SRM1)				Prepared: 13-Jan-04 Analyzed: 14-Jan-04						
Cyanide (total)	0.194	0.0100	mg/l	0.304		63.8	71-129			QL-01

Notes and Definitions

QB-01	The method blank contains analyte at a concentration above the MRL; however, concentration is less than 10% of the sample result, which is negligible according to method criteria.
QC-1	Analyte out of acceptance range.
QL-01	Sample results for the QC batch were accepted based on LCS/LCSD percent recoveries and RPD values.
QM-02	The RPD and/or percent recovery for this QC spike sample cannot be accurately calculated due to the high concentration of analyte inherent in the sample.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
Z-2	Analyses are not controlled on RPD values from sample concentrations less than the reporting limit. QC batch accepted based on LCS and/or LCSD QC results.
BRL	Below Reporting Limit - Analyte NOT DETECTED at or above the reporting limit
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. The RDL is generally 5 to 10 times the MDL. However, it may be nominally chosen within these guidelines to simplify data reporting. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Validated by:
Hanibal C. Tayeh, Ph.D.
Nicole Brown

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

ERM - Standard
CHAIN OF CUSTODY RECORD

SA071635

Page 1 of 1

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: _____
- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Ed Hinchey
ERM
5788 Widewaters Pkwy
Dewitt, NY 13088
Project Mgr.: Ed Hinchey

Invoice To: same
24D10362
P.O. No.: 013172 RQN: _____

Project No.: 013172
Site Name: Axiohm
Location: Ithaca State: N.Y.
Sampler(s): CW

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH_3OH 8=$NaHSO_4$ 9=Ice 10=_____

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1=_____ X2=_____ X3=_____

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: 8260 VOCs	8270 SVOCs	TAL Metals	Cyanide	Hexchrome	pH	PCBs
SA071635-01	Axi MW-10 (010404)	12 Jan 04	1300	G	GW	2,4,5	2	2		4	X	X	X	X	X	X	X
-02	Axi MW-4 (010404)		1535	G	↓	↓	↓	↓		↓	X	X	X	X	X	X	X
-03	Axi TB (120104)	↓	—	—	—	2	1				X						

OA Reporting Notes: (check if needed)

State specific reporting standards *If applicable, please list below:*

☐ Provide MCP CAM Report
Were all field QC requirements met as per MADEP CAM Section 2.0?
☐ Yes ☐ No
(Response required for CAM report)

☒ Fax results when available to (315) 445-2543
☐ E-mail to _____
EDD Format _____

Condition upon receipt: ☒ Iced ☐ Ambient ☐ °C 5
Cooler

Relinquished by:	Received by:	Date:	Time:
Nancy Rae Reese		12 Jan 04	1700
FedEx	[signature]	1/13/04	10?

Report Date:
15-Jan-04 16:34

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Laboratory Report

Environmental Resources Management
5788 Widewaters Pkwy
Dewitt, NY 13214
Attn: Ed Hinchey

Project:Axiohm - Ithaca, NY
Project #:0013172

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA07214-01	Axi TB (130104)	Aqueous	13-Jan-04 09:00	14-Jan-04 09:20
SA07214-02	Axi MW-11 (0104)	Aqueous	13-Jan-04 09:15	14-Jan-04 09:20
SA07214-03	Axi MW-3 (0104)	Aqueous	13-Jan-04 10:25	14-Jan-04 09:20
SA07214-04	Axi MW-5 (0104)	Aqueous	13-Jan-04 12:15	14-Jan-04 09:20

I attest that all information contained within this report has been reviewed for accuracy and checked against all quality control requirements outlined in each applicable method and meet the requirements of NELAC.
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Massachusetts Certification # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87600
Maine # MA138
New Hampshire # 2538
New York # 11393
Rhode Island # 98
USDA # S-51435

ACCREDITED IN ACCORDANCE WITH nelac

Authorized by:

Hanibal T. Tayeh, Ph.D.
President/Laboratory Director

Please refer to our "Quality" webpage at www.spectrum-analytical.com for a full listing of our current certifications.

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi TB (130104)	0013172	Aqueous	13-Jan-04 09:00	14-Jan-04
07214-01				

Analyte(s)	*Result*	*RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Acetone	BRL	20.0 ug/l	1	SW 846 8260B	14-Jan-04	15-Jan-04	4010651	kw	
Acrylonitrile	BRL	1.00 ug/l	1	"	"	"	"	"	
Benzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromodichloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromoform	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromomethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Butanone (MEK)	BRL	10.0 ug/l	1	"	"	"	"	"	
n-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
sec-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
tert-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Carbon disulfide	BRL	5.00 ug/l	1	"	"	"	"	"	
Carbon tetrachloride	BRL	1.00 ug/l	1	"	"	"	"	"	
Chlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Chloroethane	BRL	2.00 ug/l	1	"	"	"	"	"	
[illegible]oroform	BRL	1.00 ug/l	1	"	"	"	"	"	
[illegible]romethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	2.00 ug/l	1	"	"	"	"	"	
Dibromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	1.00 ug/l	1	"	"	"	"	"	
Dibromomethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	2.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
2,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
[illegible]s-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
[illegible]lbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	1.00 ug/l	1	"	"	"	"	"	
2-Hexanone (MBK)	BRL	10.0 ug/l	1	"	"	"	"	"	

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*Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi TB (130104) ~\07214-01	0013172	Aqueous	13-Jan-04 09:00	14-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Isopropylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Isopropyltoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
Methyl tert-butyl ether	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	10.0 ug/l	1	"	"	"	"	"	
Methylene chloride	BRL	10.0 ug/l	1	"	"	"	"	"	
Naphthalene	BRL	1.00 ug/l	1	"	"	"	"	"	
n-Propylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Styrene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Tetrachloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
Toluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
~richloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
chlorofluoromethane (Freon 11)	BRL	1.00 ug/l	1	"	"	"	"	"	
,-Trichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Vinyl chloride	BRL	1.00 ug/l	1	"	"	"	"	"	
m,p-Xylene	BRL	2.00 ug/l	1	"	"	"	"	"	
o-Xylene	BRL	1.00 ug/l	1	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*102*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*100*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*111*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*107*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi MW-11 (0104) A07214-02	0013172	Aqueous	13-Jan-04 09:15	14-Jan-04

Analyte(s)	*Result*	*RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Acetone	BRL	20.0 ug/l	1	SW 846 8260B	14-Jan-04	15-Jan-04	4010651	kw	
Acrylonitrile	BRL	1.00 ug/l	1	"	"	"	"	"	
Benzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromodichloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromoform	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromomethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Butanone (MEK)	BRL	10.0 ug/l	1	"	"	"	"	"	
n-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
sec-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
tert-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Carbon disulfide	BRL	5.00 ug/l	1	"	"	"	"	"	
Carbon tetrachloride	BRL	1.00 ug/l	1	"	"	"	"	"	
Chlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Chloroethane	BRL	2.00 ug/l	1	"	"	"	"	"	
Chloroform	BRL	1.00 ug/l	1	"	"	"	"	"	
oromethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	2.00 ug/l	1	"	"	"	"	"	
Dibromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	1.00 ug/l	1	"	"	"	"	"	
Dibromomethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	2.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,2-Dichloroethene	18.9	1.00 ug/l	1	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
2,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
ans-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
ylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	1.00 ug/l	1	"	"	"	"	"	
2-Hexanone (MBK)	BRL	10.0 ug/l	1	"	"	"	"	"	

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*Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi MW-11 (0104) 07214-02	0013172	Aqueous	13-Jan-04 09:15	14-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Isopropylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Isopropyltoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
Methyl tert-butyl ether	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	10.0 ug/l	1	"	"	"	"	"	
Methylene chloride	BRL	10.0 ug/l	1	"	"	"	"	"	
Naphthalene	BRL	1.00 ug/l	1	"	"	"	"	"	
n-Propylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Styrene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Tetrachloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
Toluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Trichloroethene	28.4	1.00 ug/l	1	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Vinyl chloride	BRL	1.00 ug/l	1	"	"	"	"	"	
m,p-Xylene	BRL	2.00 ug/l	1	"	"	"	"	"	
o-Xylene	BRL	1.00 ug/l	1	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*101*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*101*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*108*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*107*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi MW-11 (0104)	0013172	Aqueous	13-Jan-04 09:15	14-Jan-04
[illegible]07214-02				

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GC									
Polychlorinated Biphenyls by EPA 608		Prepared by method SW846 3535							
PCB 1016	BRL	0.111 ug/l	1	EPA 608	14-Jan-04	15-Jan-04	4010640	TG	
PCB 1221	BRL	0.111 ug/l	1	"	"	"	"	"	
PCB 1232	BRL	0.111 ug/l	1	"	"	"	"	"	
PCB 1242	BRL	0.111 ug/l	1	"	"	"	"	"	
PCB 1248	BRL	0.111 ug/l	1	"	"	"	"	"	
PCB 1254	BRL	0.111 ug/l	1	"	"	"	"	"	
PCB 1260	BRL	0.111 ug/l	1	"	"	"	"	"	
PCB 1262	BRL	0.111 ug/l	1	"	"	"	"	"	
PCB 1268	BRL	0.111 ug/l	1	"	"	"	"	"	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*93.2*	*40-140 %*		"	"	"	"	"	
Surrogate: Decachlorobiphenyl (Sr)	*109*	*40-140 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C		Prepared by method SW846 3535							
Acenaphthene	BRL	5.00 ug/l	1	SW846 8270C	14-Jan-04	14-Jan-04	4010618	M.B	
Acenaphthylene	BRL	5.00 ug/l	1	"	"	"	"	"	
[illegible]line	BRL	5.00 ug/l	1	"	"	"	"	"	
[illegible]thracene	BRL	5.00 ug/l	1	"	"	"	"	"	
Azobenzene/Diphenyldiazine	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzidine	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (a) anthracene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (a) pyrene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (b) fluoranthene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (g,h,i) perylene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (k) fluoranthene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzoic acid	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzyl alcohol	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-chloroethoxy)methane	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-chloroethyl)ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Bromophenyl phenyl ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Butyl benzyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
Carbazole	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Chloro-3-methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Chloroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Chloronaphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Chlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
[illegible]lorophenyl phenyl ether	BRL	5.00 ug/l	1	"	"	"	"	"	
[illegible]ysene	BRL	5.00 ug/l	1	"	"	"	"	"	
Dibenzo (a,h) anthracene	BRL	5.00 ug/l	1	"	"	"	"	"	

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*Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi MW-11 (0104) ^A07214-02	0013172	Aqueous	13-Jan-04 09:15	14-Jan-04

...nalyte(s)	Result	*RDL/Units	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst	Flag
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3535									
Dibenzofuran	BRL	5.00 ug/l	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
3,3'-Dichlorobenzidine	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dichlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Diethyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
Dimethyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dimethylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Di-n-butyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dinitrophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dinitrotoluene	BRL	5.00 ug/l	1	"	"	"	"	"	
2,6-Dinitrotoluene	BRL	5.00 ug/l	1	"	"	"	"	"	
Di-n-octyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
Fluoranthene	BRL	5.00 ug/l	1	"	"	"	"	"	
Fluorene	BRL	5.00 ug/l	1	"	"	"	"	"	
Hexachlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	5.00 ug/l	1	"	"	"	"	"	
Hexachlorocyclopentadiene	BRL	5.00 ug/l	1	"	"	"	"	"	
Hexachloroethane	BRL	5.00 ug/l	1	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	BRL	5.00 ug/l	1	"	"	"	"	"	
1-Methylnaphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
Isophorone	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Methylnaphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
3-Methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Naphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Nitroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
3-Nitroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Nitroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
Nitrobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Nitrophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Nitrophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
N-Nitrosodimethylamine	BRL	5.00 ug/l	1	"	"	"	"	"	
N-Nitrosodi-n-propylamine	BRL	5.00 ug/l	1	"	"	"	"	"	
N-Nitrosodiphenylamine	BRL	5.00 ug/l	1	"	"	"	"	"	
Pentachlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Phenanthrene	BRL	5.00 ug/l	1	"	"	"	"	"	
Phenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Pyrene	BRL	5.00 ug/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi MW-11 (0104) 07214-02	0013172	Aqueous	13-Jan-04 09:15	14-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3535									
Pyridine	BRL	5.00 ug/l	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4,5-Trichlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4,6-Trichlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl	*83.3*	*30-130 %*		"	"	"	"	"	
Surrogate: 2-Fluorophenol	*76.8*	*15-110 %*		"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*70.1*	*30-130 %*		"	"	"	"	"	
Surrogate: Phenol-d5	*70.1*	*15-110 %*		"	"	"	"	"	
Surrogate: Terphenyl-dl4	*71.3*	*30-130 %*		"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol	*107*	*15-110 %*		"	"	"	"	"	
Total Metals by EPA 200 Series Methods									
Silver	BRL	0.0050 mg/l	1	EPA 200.7	14-Jan-04	14-Jan-04	4010658	CR	
Aluminum	0.840	0.0075 mg/l	1	"	"	"	"	"	
Arsenic	BRL	0.0040 mg/l	1	"	"	"	"	"	
Barium	0.0508	0.0025 mg/l	1	"	"	"	"	"	
Beryllium	BRL	0.0010 mg/l	1	"	"	"	"	"	
Calcium	85.2	0.500 mg/l	20	"	"	15-Jan-04	"	KS	
Cadmium	BRL	0.0012 mg/l	1	"	"	14-Jan-04	"	CR	
Cobalt	BRL	0.0025 mg/l	1	"	"	"	"	"	
Chromium	BRL	0.0025 mg/l	1	"	"	"	"	"	
Copper	BRL	0.0025 mg/l	1	"	"	"	"	"	
Iron	1.36	0.0025 mg/l	1	"	"	"	"	"	
Mercury	BRL	0.00040 mg/l	1	EPA 245.2/7470A	"	15-Jan-04	4010663	YP	
Potassium	10.4	0.0500 mg/l	1	EPA 200.7	"	14-Jan-04	4010658	CR	
Magnesium	20.0	0.0125 mg/l	1	"	"	"	"	"	
Manganese	1.66	0.0005 mg/l	1	"	"	"	"	"	
Sodium	137	0.500 mg/l	20	"	"	15-Jan-04	"	KS	
Nickel	0.0028	0.0025 mg/l	1	"	"	14-Jan-04	"	CR	
Lead	BRL	0.0038 mg/l	1	"	"	"	"	"	
Antimony	BRL	0.0060 mg/l	1	"	"	"	"	"	
Selenium	BRL	0.0075 mg/l	1	"	"	"	"	"	
Thallium	BRL	0.0050 mg/l	1	"	"	"	"	"	
Zinc	0.0125	0.0025 mg/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi MW-11 (0104) A07214-02	0013172	Aqueous	13-Jan-04 09:15	14-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
General Chemistry Parameters									
Hexavalent Chromium	BRL	0.500 mg/l	5	SM3500CrD/7196A	14-Jan-04 10:30	14-Jan-04	4010650	AJ	HT-2, R-01
Cyanide (total)	BRL	0.0100 mg/l	1	10-204-00-1-A	15-Jan-04	15-Jan-04	4010739	AW	
pH	7.11	pH Units	1	EPA 150.1	14-Jan-04 11:45	14-Jan-04	4010711	RB	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi MW-3 (0104) A407214-03	0013172	Aqueous	13-Jan-04 10:25	14-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Acetone	BRL	20.0 ug/l	1	SW 846 8260B	14-Jan-04	15-Jan-04	4010651	kw	
Acrylonitrile	BRL	1.00 ug/l	1	"	"	"	"	"	
Benzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromodichloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromoform	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromomethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Butanone (MEK)	BRL	10.0 ug/l	1	"	"	"	"	"	
n-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
sec-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
tert-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Carbon disulfide	BRL	5.00 ug/l	1	"	"	"	"	"	
Carbon tetrachloride	BRL	1.00 ug/l	1	"	"	"	"	"	
Chlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Chloroethane	BRL	2.00 ug/l	1	"	"	"	"	"	
Chloroform	BRL	1.00 ug/l	1	"	"	"	"	"	
oromethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	2.00 ug/l	1	"	"	"	"	"	
Dibromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	1.00 ug/l	1	"	"	"	"	"	
Dibromomethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	2.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethane	1.70	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,2-Dichloroethene	18.6	1.00 ug/l	1	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
2,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
ans-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
lbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	1.00 ug/l	1	"	"	"	"	"	
2-Hexanone (MBK)	BRL	10.0 ug/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi MW-3 (0104) 07214-03	0013172	Aqueous	13-Jan-04 10:25	14-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Isopropylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Isopropyltoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
Methyl tert-butyl ether	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	10.0 ug/l	1	"	"	"	"	"	
Methylene chloride	BRL	10.0 ug/l	1	"	"	"	"	"	
Naphthalene	BRL	1.00 ug/l	1	"	"	"	"	"	
n-Propylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Styrene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Tetrachloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
Toluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1-Trichloroethane	4.37	1.00 ug/l	1	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
chloroethene	82.1	1.00 ug/l	1	"	"	"	"	"	
hlorofluoromethane (Freon 11)	BRL	1.00 ug/l	1	"	"	"	"	"	
-Trichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Vinyl chloride	BRL	1.00 ug/l	1	"	"	"	"	"	
m,p-Xylene	BRL	2.00 ug/l	1	"	"	"	"	"	
o-Xylene	BRL	1.00 ug/l	1	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*102*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*101*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*110*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*108*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi MW-3 (0104) 07214-03	0013172	Aqueous	13-Jan-04 10:25	14-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GC									
Polychlorinated Biphenyls by EPA 608		Prepared by method SW846 3535							
PCB 1016	BRL	0.105 ug/l	1	EPA 608	14-Jan-04	15-Jan-04	4010640	TG	
PCB 1221	BRL	0.105 ug/l	1	"	"	"	"	"	
PCB 1232	BRL	0.105 ug/l	1	"	"	"	"	"	
PCB 1242	BRL	0.105 ug/l	1	"	"	"	"	"	
PCB 1248	BRL	0.105 ug/l	1	"	"	"	"	"	
PCB 1254	BRL	0.105 ug/l	1	"	"	"	"	"	
PCB 1260	BRL	0.105 ug/l	1	"	"	"	"	"	
PCB 1262	BRL	0.105 ug/l	1	"	"	"	"	"	
PCB 1268	BRL	0.105 ug/l	1	"	"	"	"	"	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*83.9*	*40-140 %*		"	"	"	"	"	
Surrogate: Decachlorobiphenyl (Sr)	*102*	*40-140 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C		Prepared by method SW846 3535							
Acenaphthene	BRL	5.00 ug/l	1	SW846 8270C	14-Jan-04	14-Jan-04	4010618	M.B	
Acenaphthylene	BRL	5.00 ug/l	1	"	"	"	"	"	
'line	BRL	5.00 ug/l	1	"	"	"	"	"	
..thracene	BRL	5.00 ug/l	1	"	"	"	"	"	
Azobenzene/Diphenyldiazine	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzidine	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (a) anthracene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (a) pyrene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (b) fluoranthene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (g,h,i) perylene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (k) fluoranthene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzoic acid	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzyl alcohol	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-chloroethoxy)methane	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-chloroethyl)ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Bromophenyl phenyl ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Butyl benzyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
Carbazole	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Chloro-3-methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Chloroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Chloronaphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Chlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
'lorophenyl phenyl ether	BRL	5.00 ug/l	1	"	"	"	"	"	
..ysene	BRL	5.00 ug/l	1	"	"	"	"	"	
Dibenzo (a,h) anthracene	BRL	5.00 ug/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi MW-3 (0104)	0013172	Aqueous	13-Jan-04 10:25	14-Jan-04
[illegible]07214-03				

Analyte(s)	Result	*RDL/Units	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst	Flag
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3535									
Dibenzofuran	BRL	5.00 ug/l	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
3,3'-Dichlorobenzidine	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dichlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Diethyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
Dimethyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dimethylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Di-n-butyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dinitrophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dinitrotoluene	BRL	5.00 ug/l	1	"	"	"	"	"	
2,6-Dinitrotoluene	BRL	5.00 ug/l	1	"	"	"	"	"	
Di-n-octyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
Fluoranthene	BRL	5.00 ug/l	1	"	"	"	"	"	
[illegible]orene	BRL	5.00 ug/l	1	"	"	"	"	"	
[illegible]achlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
[illegible]chlorobutadiene	BRL	5.00 ug/l	1	"	"	"	"	"	
Hexachlorocyclopentadiene	BRL	5.00 ug/l	1	"	"	"	"	"	
Hexachloroethane	BRL	5.00 ug/l	1	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	BRL	5.00 ug/l	1	"	"	"	"	"	
1-Methylnaphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
Isophorone	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Methylnaphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
3-Methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Naphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Nitroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
3-Nitroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Nitroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
Nitrobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Nitrophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Nitrophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
N-Nitrosodimethylamine	BRL	5.00 ug/l	1	"	"	"	"	"	
N-Nitrosodi-n-propylamine	BRL	5.00 ug/l	1	"	"	"	"	"	
N-Nitrosodiphenylamine	BRL	5.00 ug/l	1	"	"	"	"	"	
[illegible]tachlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
[illegible]anthrene	BRL	5.00 ug/l	1	"	"	"	"	"	
[illegible]	BRL	5.00 ug/l	1	"	"	"	"	"	
[illegible]e	BRL	5.00 ug/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi MW-3 (0104) 07214-03	0013172	Aqueous	13-Jan-04 10:25	14-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3535									
Pyridine	BRL	5.00 ug/l	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4,5-Trichlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4,6-Trichlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl	*86.5*	*30-130 %*		"	"	"	"	"	
Surrogate: 2-Fluorophenol	*85.8*	*15-110 %*		"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*77.3*	*30-130 %*		"	"	"	"	"	
Surrogate: Phenol-d5	*77.2*	*15-110 %*		"	"	"	"	"	
Surrogate: Terphenyl-d14	*75.5*	*30-130 %*		"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol	*55.8*	*15-110 %*		"	"	"	"	"	
Total Metals by EPA 200 Series Methods									
Silver	BRL	0.0050 mg/l	1	EPA 200.7	14-Jan-04	14-Jan-04	4010658	CR	
Aluminum	0.168	0.0075 mg/l	1	"	"	"	"	"	
Arsenic	BRL	0.0040 mg/l	1	"	"	"	"	"	
Barium	0.0408	0.0025 mg/l	1	"	"	"	"	"	
Beryllium	BRL	0.0010 mg/l	1	"	"	"	"	"	
Calcium	77.2	0.500 mg/l	20	"	"	15-Jan-04	"	KS	
Cadmium	BRL	0.0012 mg/l	1	"	"	14-Jan-04	"	CR	
Cobalt	0.0076	0.0025 mg/l	1	"	"	"	"	"	
Chromium	0.0025	0.0025 mg/l	1	"	"	"	"	"	
Copper	BRL	0.0025 mg/l	1	"	"	"	"	"	
Iron	0.301	0.0025 mg/l	1	"	"	"	"	"	
Mercury	BRL	0.00040 mg/l	1	EPA 245.2/7470A	"	15-Jan-04	4010663	YP	
Potassium	1.86	0.0500 mg/l	1	EPA 200.7	"	14-Jan-04	4010658	CR	
Magnesium	17.2	0.0125 mg/l	1	"	"	"	"	"	
Manganese	0.123	0.0005 mg/l	1	"	"	"	"	"	
Sodium	86.0	0.500 mg/l	20	"	"	15-Jan-04	"	KS	
Nickel	0.0027	0.0025 mg/l	1	"	"	14-Jan-04	"	CR	
Lead	BRL	0.0038 mg/l	1	"	"	"	"	"	
Antimony	BRL	0.0060 mg/l	1	"	"	"	"	"	
Selenium	BRL	0.0075 mg/l	1	"	"	"	"	"	
Thallium	BRL	0.0050 mg/l	1	"	"	"	"	"	
Zinc	0.0099	0.0025 mg/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi MW-3 (0104)	0013172	Aqueous	13-Jan-04 10:25	14-Jan-04
[illegible]07214-03				

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
General Chemistry Parameters									
Hexavalent Chromium	BRL	0.010 mg/l	1	SM3500CrD/7196A	14-Jan-04 10:30	14-Jan-04	4010650	AJ	HT-2, R-01
Cyanide (total)	0.197	0.0100 mg/l	1	10-204-00-1-A	15-Jan-04	15-Jan-04	4010739	AW	
pH	6.75	pH Units	1	EPA 150.1	14-Jan-04 11:45	14-Jan-04	4010711	RB	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi MW-5 (0104) `07214-04	0013172	Aqueous	13-Jan-04 12:15	14-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Acetone	BRL	20.0 ug/l	1	SW 846 8260B	14-Jan-04	15-Jan-04	4010651	kw	
Acrylonitrile	BRL	1.00 ug/l	1	"	"	"	"	"	
Benzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromodichloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromoform	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromomethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Butanone (MEK)	BRL	10.0 ug/l	1	"	"	"	"	"	
n-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
sec-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
tert-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Carbon disulfide	BRL	5.00 ug/l	1	"	"	"	"	"	
Carbon tetrachloride	BRL	1.00 ug/l	1	"	"	"	"	"	
Chlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Chloroethane	BRL	2.00 ug/l	1	"	"	"	"	"	
`loroform	BRL	1.00 ug/l	1	"	"	"	"	"	
.oromethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	2.00 ug/l	1	"	"	"	"	"	
Dibromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	1.00 ug/l	1	"	"	"	"	"	
Dibromomethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	2.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,2-Dichloroethene	2.52	1.00 ug/l	1	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
2,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
ns-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
ylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	1.00 ug/l	1	"	"	"	"	"	
2-Hexanone (MBK)	BRL	10.0 ug/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi MW-5 (0104) `07214-04	0013172	Aqueous	13-Jan-04 12:15	14-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Isopropylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Isopropyltoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
Methyl tert-butyl ether	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	10.0 ug/l	1	"	"	"	"	"	
Methylene chloride	BRL	10.0 ug/l	1	"	"	"	"	"	
Naphthalene	BRL	1.00 ug/l	1	"	"	"	"	"	
n-Propylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Styrene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Tetrachloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
Toluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
'chloroethene	9.06	1.00 ug/l	1	"	"	"	"	"	
'lorofluoromethane (Freon 11)	BRL	1.00 ug/l	1	"	"	"	"	"	
,3-Trichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Vinyl chloride	BRL	1.00 ug/l	1	"	"	"	"	"	
m,p-Xylene	BRL	2.00 ug/l	1	"	"	"	"	"	
o-Xylene	BRL	1.00 ug/l	1	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*99.2*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*100*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*108*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*106*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi MW-5 (0104)	0013172	Aqueous	13-Jan-04 12:15	14-Jan-04
" ' 07214-04				

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GC									
Polychlorinated Biphenyls by EPA 608		Prepared by method SW846 3535							
PCB 1016	BRL	0.125 ug/l	1	EPA 608	14-Jan-04	15-Jan-04	4010640	TG	
PCB 1221	BRL	0.125 ug/l	1	"	"	"	"	"	
PCB 1232	BRL	0.125 ug/l	1	"	"	"	"	"	
PCB 1242	BRL	0.125 ug/l	1	"	"	"	"	"	
PCB 1248	BRL	0.125 ug/l	1	"	"	"	"	"	
PCB 1254	BRL	0.125 ug/l	1	"	"	"	"	"	
PCB 1260	BRL	0.125 ug/l	1	"	"	"	"	"	
PCB 1262	BRL	0.125 ug/l	1	"	"	"	"	"	
PCB 1268	BRL	0.125 ug/l	1	"	"	"	"	"	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*88.8*	*40-140 %*		"	"	"	"	"	
Surrogate: Decachlorobiphenyl (Sr)	*114*	*40-140 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C		Prepared by method SW846 3535							
Acenaphthene	BRL	5.00 ug/l	1	SW846 8270C	14-Jan-04	15-Jan-04	4010618	M.B	
Acenaphthylene	BRL	5.00 ug/l	1	"	"	"	"	"	
Aniline	BRL	5.00 ug/l	1	"	"	"	"	"	
Anthracene	BRL	5.00 ug/l	1	"	"	"	"	"	
Azobenzene/Diphenyldiazine	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzidine	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (a) anthracene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (a) pyrene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (b) fluoranthene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (g,h,i) perylene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (k) fluoranthene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzoic acid	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzyl alcohol	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-chloroethoxy)methane	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-chloroethyl)ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Bromophenyl phenyl ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Butyl benzyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
Carbazole	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Chloro-3-methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Chloroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Chloronaphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Chlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Chlorophenyl phenyl ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Chrysene	BRL	5.00 ug/l	1	"	"	"	"	"	
Dibenzo (a,h) anthracene	BRL	5.00 ug/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi MW-5 (0104) A07214-04	0013172	Aqueous	13-Jan-04 12:15	14-Jan-04

Analyte(s)	*Result*	*RDL/Units	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3535									
Dibenzofuran	BRL	5.00 ug/l	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
3,3'-Dichlorobenzidine	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dichlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Diethyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
Dimethyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dimethylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Di-n-butyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dinitrophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dinitrotoluene	BRL	5.00 ug/l	1	"	"	"	"	"	
2,6-Dinitrotoluene	BRL	5.00 ug/l	1	"	"	"	"	"	
Di-n-octyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
Fluoranthene	BRL	5.00 ug/l	1	"	"	"	"	"	
Fluorene	BRL	5.00 ug/l	1	"	"	"	"	"	
Hexachlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	5.00 ug/l	1	"	"	"	"	"	
Hexachlorocyclopentadiene	BRL	5.00 ug/l	1	"	"	"	"	"	
Hexachloroethane	BRL	5.00 ug/l	1	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	BRL	5.00 ug/l	1	"	"	"	"	"	
1-Methylnaphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
Isophorone	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Methylnaphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
3-Methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Naphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Nitroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
3-Nitroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Nitroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
Nitrobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Nitrophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Nitrophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
N-Nitrosodimethylamine	BRL	5.00 ug/l	1	"	"	"	"	"	
N-Nitrosodi-n-propylamine	BRL	5.00 ug/l	1	"	"	"	"	"	
N-Nitrosodiphenylamine	BRL	5.00 ug/l	1	"	"	"	"	"	
Pentachlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Phenanthrene	BRL	5.00 ug/l	1	"	"	"	"	"	
Phenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Pyrene	BRL	5.00 ug/l	1	"	"	"	"	"	

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*Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi MW-5 (0104)	0013172	Aqueous	13-Jan-04 12:15	14-Jan-04
^\07214-04				

Analyte(s)	*Result*	*RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3535									
Pyridine	BRL	5.00 ug/l	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4,5-Trichlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4,6-Trichlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl	*82.4*	*30-130 %*		"	"	"	"	"	
Surrogate: 2-Fluorophenol	*78.6*	*15-110 %*		"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*74.1*	*30-130 %*		"	"	"	"	"	
Surrogate: Phenol-d5	*71.5*	*15-110 %*		"	"	"	"	"	
Surrogate: Terphenyl-dl4	*69.9*	*30-130 %*		"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol	*101*	*15-110 %*		"	"	"	"	"	
Total Metals by EPA 200 Series Methods									
Silver	BRL	0.0050 mg/l	1	EPA 200.7	14-Jan-04	14-Jan-04	4010658	CR	
Aluminum	20.7	0.0075 mg/l	1	"	"	"	"	"	
Arsenic	0.0248	0.0040 mg/l	1	"	"	"	"	"	
Barium	0.242	0.0025 mg/l	1	"	"	"	"	"	
Beryllium	0.0012	0.0010 mg/l	1	"	"	"	"	"	
Calcium	110	0.500 mg/l	20	"	"	15-Jan-04	"	KS	
Cadmium	0.0015	0.0012 mg/l	1	"	"	14-Jan-04	"	CR	
Cobalt	0.0289	0.0025 mg/l	1	"	"	"	"	"	
Chromium	0.0416	0.0025 mg/l	1	"	"	"	"	"	
Copper	0.0200	0.0025 mg/l	1	"	"	"	"	"	
Iron	44.5	0.0025 mg/l	1	"	"	"	"	"	
Mercury	BRL	0.00040 mg/l	1	EPA 245.2/7470A	"	15-Jan-04	4010663	YP	
Potassium	10.1	0.0500 mg/l	1	EPA 200.7	"	14-Jan-04	4010658	CR	
Magnesium	28.9	0.0125 mg/l	1	"	"	"	"	"	
Manganese	2.78	0.0005 mg/l	1	"	"	"	"	"	
Sodium	233	0.500 mg/l	20	"	"	15-Jan-04	"	KS	
Nickel	0.0502	0.0025 mg/l	1	"	"	14-Jan-04	"	CR	
Lead	0.0158	0.0038 mg/l	1	"	"	"	"	"	
Antimony	BRL	0.0060 mg/l	1	"	"	"	"	"	
Selenium	BRL	0.0075 mg/l	1	"	"	"	"	"	
Thallium	BRL	0.0050 mg/l	1	"	"	"	"	"	
Zinc	0.100	0.0025 mg/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi MW-5 (0104)	0013172	Aqueous	13-Jan-04 12:15	14-Jan-04
[illegible]07214-04				

Analyte(s)	Result	*RDL/Units	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst	Flag
General Chemistry Parameters									
Hexavalent Chromium	BRL	0.025 mg/l	5	SM3500CrD/7196A	14-Jan-04 10:30	14-Jan-04	4010650	AJ	
Cyanide (total)	BRL	0.0100 mg/l	1	10-204-00-1-A	15-Jan-04	15-Jan-04	4010739	AW	
pH	8.10	pH Units	1	EPA 150.1	14-Jan-04 11:45	14-Jan-04	4010711	RB	

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010651 - Volatiles										
Blank (4010651-BLK1)				Prepared: 14-Jan-04 Analyzed: 15-Jan-04						
Acetone	BRL	20.0	ug/l							
Acrylonitrile	BRL	1.00	ug/l							
Benzene	BRL	1.00	ug/l							
Bromobenzene	BRL	1.00	ug/l							
Bromochloromethane	BRL	1.00	ug/l							
Bromodichloromethane	BRL	1.00	ug/l							
Bromoform	BRL	1.00	ug/l							
Bromomethane	BRL	2.00	ug/l							
2-Butanone (MEK)	BRL	10.0	ug/l							
n-Butylbenzene	BRL	1.00	ug/l							
sec-Butylbenzene	BRL	1.00	ug/l							
tert-Butylbenzene	BRL	1.00	ug/l							
Carbon disulfide	BRL	5.00	ug/l							
Carbon tetrachloride	BRL	1.00	ug/l							
Chlorobenzene	BRL	1.00	ug/l							
Chloroethane	BRL	2.00	ug/l							
Chloroform	BRL	1.00	ug/l							
Chloromethane	BRL	2.00	ug/l							
2-Chlorotoluene	BRL	1.00	ug/l							
4-Chlorotoluene	BRL	1.00	ug/l							
1,2-Dibromo-3-chloropropane	BRL	2.00	ug/l							
Dibromochloromethane	BRL	1.00	ug/l							
1,2-Dibromoethane (EDB)	BRL	1.00	ug/l							
Dibromomethane	BRL	1.00	ug/l							
1,2-Dichlorobenzene	BRL	1.00	ug/l							
1,3-Dichlorobenzene	BRL	1.00	ug/l							
1,4-Dichlorobenzene	BRL	1.00	ug/l							
Dichlorodifluoromethane (Freon12)	BRL	2.00	ug/l							
1,1-Dichloroethane	BRL	1.00	ug/l							
1,2-Dichloroethane	BRL	1.00	ug/l							
1,1-Dichloroethene	BRL	1.00	ug/l							
cis-1,2-Dichloroethene	BRL	1.00	ug/l							
trans-1,2-Dichloroethene	BRL	1.00	ug/l							
1,2-Dichloropropane	BRL	1.00	ug/l							
1,3-Dichloropropane	BRL	1.00	ug/l							
2,2-Dichloropropane	BRL	1.00	ug/l							
1,1-Dichloropropene	BRL	1.00	ug/l							
cis-1,3-Dichloropropene	BRL	1.00	ug/l							
trans-1,3-Dichloropropene	BRL	1.00	ug/l							
Ethylbenzene	BRL	1.00	ug/l							
Hexachlorobutadiene	BRL	1.00	ug/l							
2-Hexanone (MBK)	BRL	10.0	ug/l							
Isopropylbenzene	BRL	1.00	ug/l							
4-Isopropyltoluene	BRL	1.00	ug/l							
Methyl tert-butyl ether	BRL	1.00	ug/l							
4-Methyl-2-pentanone (MIBK)	BRL	10.0	ug/l							
Methylene chloride	BRL	10.0	ug/l							
Naphthalene	BRL	1.00	ug/l							
n-Propylbenzene	BRL	1.00	ug/l							
Styrene	BRL	1.00	ug/l							
1,1,2-Tetrachloroethane	BRL	1.00	ug/l							
1,1,2,2-Tetrachloroethane	BRL	1.00	ug/l							
Tetrachloroethene	BRL	1.00	ug/l							
Toluene	BRL	1.00	ug/l							

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010651 - Volatiles										
Blank (4010651-BLK1)				Prepared: 14-Jan-04 Analyzed: 15-Jan-04						
1,2,3-Trichlorobenzene	BRL	1.00	ug/l							
1,2,4-Trichlorobenzene	BRL	1.00	ug/l							
1,1,1-Trichloroethane	BRL	1.00	ug/l							
1,1,2-Trichloroethane	BRL	1.00	ug/l							
Trichloroethene	BRL	1.00	ug/l							
Trichlorofluoromethane (Freon 11)	BRL	1.00	ug/l							
1,2,3-Trichloropropane	BRL	1.00	ug/l							
1,2,4-Trimethylbenzene	BRL	1.00	ug/l							
1,3,5-Trimethylbenzene	BRL	1.00	ug/l							
Vinyl chloride	BRL	1.00	ug/l							
m,p-Xylene	BRL	2.00	ug/l							
o-Xylene	BRL	1.00	ug/l							
Surrogate: 4-Bromofluorobenzene	*51.8*		ug/l	*50.0*		*104*	*70-130*			
Surrogate: Toluene-d8	*49.2*		ug/l	*50.0*		*98.4*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*55.3*		ug/l	*50.0*		*111*	*70-130*			
Surrogate: Dibromofluoromethane	*53.6*		ug/l	*50.0*		*107*	*70-130*			
Duplicate (4010651-DUP1)	Source: SA07200-05			Prepared: 14-Jan-04 Analyzed: 15-Jan-04						
Acetone	BRL	20.0	ug/l		2.09				30	
Acrylonitrile	BRL	1.00	ug/l		BRL				30	
Benzene	BRL	1.00	ug/l		BRL				30	
Bromobenzene	BRL	1.00	ug/l		BRL				30	
Bromochloromethane	BRL	1.00	ug/l		BRL				30	
Bromodichloromethane	0.630	0.500	ug/l		0.710			11.9	30	
Bromoform	BRL	1.00	ug/l		BRL				30	
Bromomethane	BRL	2.00	ug/l		BRL				30	
2-Butanone (MEK)	BRL	10.0	ug/l		BRL				30	
n-Butylbenzene	BRL	1.00	ug/l		BRL				30	
sec-Butylbenzene	BRL	1.00	ug/l		BRL				30	
tert-Butylbenzene	BRL	1.00	ug/l		BRL				30	
Carbon disulfide	BRL	5.00	ug/l		BRL				30	
Carbon tetrachloride	BRL	1.00	ug/l		BRL				30	
Chlorobenzene	BRL	1.00	ug/l		BRL				30	
Chloroethane	BRL	2.00	ug/l		BRL				30	
Chloroform	28.9	1.00	ug/l		29.5			2.05	30	
Chloromethane	BRL	2.00	ug/l		BRL				30	
2-Chlorotoluene	BRL	1.00	ug/l		BRL				30	
4-Chlorotoluene	BRL	1.00	ug/l		BRL				30	
1,2-Dibromo-3-chloropropane	BRL	2.00	ug/l		BRL				30	
Dibromochloromethane	BRL	1.00	ug/l		BRL				30	
1,2-Dibromoethane (EDB)	BRL	1.00	ug/l		BRL				30	
Dibromomethane	BRL	1.00	ug/l		BRL				30	
1,2-Dichlorobenzene	BRL	1.00	ug/l		BRL				30	
1,3-Dichlorobenzene	BRL	1.00	ug/l		BRL				30	
1,4-Dichlorobenzene	BRL	1.00	ug/l		BRL				30	
Dichlorodifluoromethane (Freon12)	BRL	2.00	ug/l		BRL				30	
1,1-Dichloroethane	BRL	1.00	ug/l		BRL				30	
1,2-Dichloroethane	BRL	1.00	ug/l		BRL				30	
1,1-Dichloroethene	BRL	1.00	ug/l		BRL				30	
cis-1,2-Dichloroethene	BRL	1.00	ug/l		BRL				30	
trans-1,2-Dichloroethene	BRL	1.00	ug/l		BRL				30	
1,2-Dichloropropane	BRL	1.00	ug/l		BRL				30	
1,3-Dichloropropane	BRL	1.00	ug/l		BRL				30	
2,2-Dichloropropane	BRL	1.00	ug/l		BRL				30	

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*Reportable Detection Limit BRL = Below Reporting Limit

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010651 - Volatiles										
Duplicate (4010651-DUP1)	Source: SA07200-05			Prepared: 14-Jan-04 Analyzed: 15-Jan-04						
1,1-Dichloropropene	BRL	1.00	ug/l		BRL				30	
cis-1,3-Dichloropropene	BRL	1.00	ug/l		BRL				30	
trans-1,3-Dichloropropene	BRL	1.00	ug/l		BRL				30	
Ethylbenzene	BRL	1.00	ug/l		BRL				30	
Hexachlorobutadiene	BRL	1.00	ug/l		BRL				30	
2-Hexanone (MBK)	BRL	10.0	ug/l		BRL				30	
Isopropylbenzene	BRL	1.00	ug/l		BRL				30	
4-Isopropyltoluene	BRL	1.00	ug/l		BRL				30	
Methyl tert-butyl ether	BRL	1.00	ug/l		BRL				30	
4-Methyl-2-pentanone (MIBK)	BRL	10.0	ug/l		BRL				30	
Methylene chloride	BRL	10.0	ug/l		7.50			3.25	30	
Naphthalene	BRL	1.00	ug/l		BRL				30	
n-Propylbenzene	BRL	1.00	ug/l		BRL				30	
Styrene	BRL	1.00	ug/l		BRL				30	
1,1,1,2-Tetrachloroethane	BRL	1.00	ug/l		BRL				30	
1,1,2,2-Tetrachloroethane	BRL	1.00	ug/l		BRL				30	
Tetrachloroethene	BRL	1.00	ug/l		BRL				30	
Toluene	BRL	1.00	ug/l		BRL				30	
1,2,3-Trichlorobenzene	BRL	1.00	ug/l		BRL				30	
1,2,4-Trichlorobenzene	BRL	1.00	ug/l		BRL				30	
1,1,1-Trichloroethane	BRL	1.00	ug/l		BRL				30	
1,1,2-Trichloroethane	BRL	1.00	ug/l		BRL				30	
Trichloroethene	BRL	1.00	ug/l		BRL				30	
Trichlorofluoromethane (Freon 11)	BRL	1.00	ug/l		BRL				30	
1,2,3-Trichloropropane	BRL	1.00	ug/l		BRL				30	
1,2,4-Trimethylbenzene	BRL	1.00	ug/l		BRL				30	
1,3,5-Trimethylbenzene	BRL	1.00	ug/l		BRL				30	
Vinyl chloride	BRL	1.00	ug/l		BRL				30	
m,p-Xylene	BRL	2.00	ug/l		BRL				30	
o-Xylene	BRL	1.00	ug/l		BRL				30	
Surrogate: 4-Bromofluorobenzene	*50.0*		ug/l	*50.0*		*100*	*70-130*			
Surrogate: Toluene-d8	*50.7*		ug/l	*50.0*		*101*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*55.2*		ug/l	*50.0*		*110*	*70-130*			
Surrogate: Dibromofluoromethane	*54.8*		ug/l	*50.0*		*110*	*70-130*			
Matrix Spike (4010651-MS1)	Source: SA07177-01			Prepared & Analyzed: 14-Jan-04						
Benzene	21.7		ug/l	20.0	BRL	108	70-130			
Chlorobenzene	22.0		ug/l	20.0	BRL	110	70-130			
1,1-Dichloroethene	22.3		ug/l	20.0	BRL	112	70-130			
Toluene	22.4		ug/l	20.0	BRL	112	70-130			
Trichloroethene	21.8		ug/l	20.0	BRL	109	70-130			
Surrogate: 4-Bromofluorobenzene	*50.1*		ug/l	*50.0*		*100*	*70-130*			
Surrogate: Toluene-d8	*49.2*		ug/l	*50.0*		*98.4*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*51.7*		ug/l	*50.0*		*103*	*70-130*			
Surrogate: Dibromofluoromethane	*51.5*		ug/l	*50.0*		*103*	*70-130*			
Matrix Spike Dup (4010651-MSD1)	Source: SA07177-01			Prepared & Analyzed: 14-Jan-04						
Benzene	22.0		ug/l	20.0	BRL	110	70-130	1.83	30	
Chlorobenzene	22.0		ug/l	20.0	BRL	110	70-130	0.00	30	
1,1-Dichloroethene	22.6		ug/l	20.0	BRL	113	70-130	0.889	30	
Toluene	23.1		ug/l	20.0	BRL	116	70-130	3.51	30	
Trichloroethene	21.9		ug/l	20.0	BRL	110	70-130	0.913	30	
Surrogate: 4-Bromofluorobenzene	*49.6*		ug/l	*50.0*		*99.2*	*70-130*			
Surrogate: Toluene-d8	*50.0*		ug/l	*50.0*		*100*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*52.9*		ug/l	*50.0*		*106*	*70-130*			

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010651 - Volatiles										
Matrix Spike Dup (4010651-MSD1)	Source: SA07177-01			Prepared & Analyzed: 14-Jan-04						
Surrogate: Dibromofluoromethane	*51.7*		ug/l	*50.0*		*103*	*70-130*			

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010640 - SW846 3535										
Blank (4010640-BLK1)				Prepared: 14-Jan-04 Analyzed: 15-Jan-04						
PCB 1016	BRL	0.100	ug/l							
PCB 1221	BRL	0.100	ug/l							
PCB 1232	BRL	0.100	ug/l							
PCB 1242	BRL	0.100	ug/l							
PCB 1248	BRL	0.100	ug/l							
PCB 1254	BRL	0.100	ug/l							
PCB 1260	BRL	0.100	ug/l							
PCB 1262	BRL	0.100	ug/l							
PCB 1268	BRL	0.100	ug/l							
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.148*		ug/l	*0.200*		*74.0*	*40-140*			
Surrogate: Decachlorobiphenyl (Sr)	*0.175*		ug/l	*0.200*		*87.5*	*40-140*			
Duplicate (4010640-DUP1)	Source: SA07214-03			Prepared: 14-Jan-04 Analyzed: 15-Jan-04						
PCB 1016	BRL	0.100	ug/l		BRL				30	
PCB 1221	BRL	0.100	ug/l		BRL				30	
PCB 1232	BRL	0.100	ug/l		BRL				30	
PCB 1242	BRL	0.100	ug/l		BRL				30	
PCB 1248	BRL	0.100	ug/l		BRL				30	
PCB 1254	BRL	0.100	ug/l		BRL				30	
PCB 1260	BRL	0.100	ug/l		BRL				30	
PCB 1262	BRL	0.100	ug/l		BRL				40	
PCB 1268	BRL	0.100	ug/l		BRL				40	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.177*		ug/l	*0.200*		*88.5*	*40-140*			
Surrogate: Decachlorobiphenyl (Sr)	*0.209*		ug/l	*0.200*		*104*	*40-140*			

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010618 - SW846 3535										
Blank (4010618-BLK1)				Prepared & Analyzed: 14-Jan-04						
Acenaphthene	BRL	5.00	ug/l							
Acenaphthylene	BRL	5.00	ug/l							
Aniline	BRL	5.00	ug/l							
Anthracene	BRL	5.00	ug/l							
Azobenzene/Diphenyldiazine	BRL	5.00	ug/l							
Benzidine	BRL	5.00	ug/l							
Benzo (a) anthracene	BRL	5.00	ug/l							
Benzo (a) pyrene	BRL	5.00	ug/l							
Benzo (b) fluoranthene	BRL	5.00	ug/l							
Benzo (g,h,i) perylene	BRL	5.00	ug/l							
Benzo (k) fluoranthene	BRL	5.00	ug/l							
Benzoic acid	BRL	5.00	ug/l							
Benzyl alcohol	BRL	5.00	ug/l							
Bis(2-chloroethoxy)methane	BRL	5.00	ug/l							
Bis(2-chloroethyl)ether	BRL	5.00	ug/l							
Bis(2-chloroisopropyl)ether	BRL	5.00	ug/l							
Bis(2-ethylhexyl)phthalate	BRL	5.00	ug/l							
4-Bromophenyl phenyl ether	BRL	5.00	ug/l							
Butyl benzyl phthalate	BRL	5.00	ug/l							
Carbazole	BRL	5.00	ug/l							
4-Chloro-3-methylphenol	BRL	5.00	ug/l							
4-Chloroaniline	BRL	5.00	ug/l							
2-Chloronaphthalene	BRL	5.00	ug/l							
Chlorophenol	BRL	5.00	ug/l							
Chlorophenyl phenyl ether	BRL	5.00	ug/l							
Chrysene	BRL	5.00	ug/l							
Dibenzo (a,h) anthracene	BRL	5.00	ug/l							
Dibenzofuran	BRL	5.00	ug/l							
1,2-Dichlorobenzene	BRL	5.00	ug/l							
1,3-Dichlorobenzene	BRL	5.00	ug/l							
1,4-Dichlorobenzene	BRL	5.00	ug/l							
3,3'-Dichlorobenzidine	BRL	5.00	ug/l							
2,4-Dichlorophenol	BRL	5.00	ug/l							
Diethyl phthalate	BRL	5.00	ug/l							
Dimethyl phthalate	BRL	5.00	ug/l							
2,4-Dimethylphenol	BRL	5.00	ug/l							
Di-n-butyl phthalate	BRL	5.00	ug/l							
4,6-Dinitro-2-methylphenol	BRL	5.00	ug/l							
2,4-Dinitrophenol	BRL	5.00	ug/l							
2,4-Dinitrotoluene	BRL	5.00	ug/l							
2,6-Dinitrotoluene	BRL	5.00	ug/l							
Di-n-octyl phthalate	BRL	5.00	ug/l							
Fluoranthene	BRL	5.00	ug/l							
Fluorene	BRL	5.00	ug/l							
Hexachlorobenzene	BRL	5.00	ug/l							
Hexachlorobutadiene	BRL	5.00	ug/l							
Hexachlorocyclopentadiene	BRL	5.00	ug/l							
Hexachloroethane	BRL	5.00	ug/l							
Indeno (1,2,3-cd) pyrene	BRL	5.00	ug/l							
1-Methylnaphthalene	BRL	5.00	ug/l							
Isophorone	BRL	5.00	ug/l							
2-Methylnaphthalene	BRL	5.00	ug/l							
2-Methylphenol	BRL	5.00	ug/l							
3-Methylphenol	BRL	5.00	ug/l							

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010618 - SW846 3535										
Blank (4010618-BLK1)				Prepared & Analyzed: 14-Jan-04						
4-Methylphenol	BRL	5.00	ug/l							
Naphthalene	BRL	5.00	ug/l							
2-Nitroaniline	BRL	5.00	ug/l							
3-Nitroaniline	BRL	5.00	ug/l							
4-Nitroaniline	BRL	5.00	ug/l							
Nitrobenzene	BRL	5.00	ug/l							
2-Nitrophenol	BRL	5.00	ug/l							
4-Nitrophenol	BRL	5.00	ug/l							
N-Nitrosodimethylamine	BRL	5.00	ug/l							
N-Nitrosodi-n-propylamine	BRL	5.00	ug/l							
N-Nitrosodiphenylamine	BRL	5.00	ug/l							
Pentachlorophenol	BRL	5.00	ug/l							
Phenanthrene	BRL	5.00	ug/l							
Phenol	BRL	5.00	ug/l							
Pyrene	BRL	5.00	ug/l							
Pyridine	BRL	5.00	ug/l							
1,2,4-Trichlorobenzene	BRL	5.00	ug/l							
2,4,5-Trichlorophenol	BRL	5.00	ug/l							
2,4,6-Trichlorophenol	BRL	5.00	ug/l							
Surrogate: 2-Fluorobiphenyl	*58.1*		ug/l	*100*		*58.1*	*30-130*			
Surrogate: 2-Fluorophenol	*56.3*		ug/l	*100*		*56.3*	*15-110*			
Surrogate: Nitrobenzene-d5	*50.2*		ug/l	*100*		*50.2*	*30-130*			
Surrogate: Phenol-d5	*52.8*		ug/l	*100*		*52.8*	*15-110*			
Surrogate: Terphenyl-d14	*59.6*		ug/l	*100*		*59.6*	*30-130*			
Surrogate: 2,4,6-Tribromophenol	*86.1*		ug/l	*100*		*86.1*	*15-110*			
Duplicate (4010618-DUP1)	Source: SA07214-03			Prepared: 14-Jan-04 Analyzed: 15-Jan-04						
Acenaphthene	BRL	5.00	ug/l		BRL				50	
Acenaphthylene	BRL	5.00	ug/l		BRL				50	
Aniline	BRL	5.00	ug/l		BRL				50	
Anthracene	BRL	5.00	ug/l		BRL				50	
Azobenzene/Diphenyldiazine	BRL	5.00	ug/l		BRL				50	
Benzidine	BRL	5.00	ug/l		BRL				50	
Benzo (a) anthracene	BRL	5.00	ug/l		0.526			1.32	50	
Benzo (a) pyrene	BRL	5.00	ug/l		0.611				50	
Benzo (b) fluoranthene	BRL	5.00	ug/l		BRL				50	
Benzo (g,h,i) perylene	BRL	5.00	ug/l		BRL				50	
Benzo (k) fluoranthene	BRL	5.00	ug/l		BRL				50	
Benzoic acid	BRL	5.00	ug/l		0.905			5.48	50	
Benzyl alcohol	BRL	5.00	ug/l		0.779			24.8	50	
Bis(2-chloroethoxy)methane	BRL	5.00	ug/l		BRL				50	
Bis(2-chloroethyl)ether	BRL	5.00	ug/l		BRL				50	
Bis(2-chloroisopropyl)ether	BRL	5.00	ug/l		BRL				50	
Bis(2-ethylhexyl)phthalate	BRL	5.00	ug/l		BRL				50	
4-Bromophenyl phenyl ether	BRL	5.00	ug/l		BRL				50	
Butyl benzyl phthalate	BRL	5.00	ug/l		BRL				50	
Carbazole	BRL	5.00	ug/l		BRL				50	
4-Chloro-3-methylphenol	BRL	5.00	ug/l		BRL				50	
4-Chloroaniline	BRL	5.00	ug/l		BRL				50	
2-Chloronaphthalene	BRL	5.00	ug/l		BRL				50	
2-Chlorophenol	BRL	5.00	ug/l		BRL				50	
4-Chlorophenyl phenyl ether	BRL	5.00	ug/l		BRL				50	
Chrysene	BRL	5.00	ug/l		0.568			1.75	50	
Dibenzo (a,h) anthracene	BRL	5.00	ug/l		BRL				50	

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010618 - SW846 3535										
Duplicate (4010618-DUP1)	Source: SA07214-03			Prepared: 14-Jan-04 Analyzed: 15-Jan-04						
Dibenzofuran	BRL	5.00	ug/l		BRL				50	
1,2-Dichlorobenzene	BRL	5.00	ug/l		BRL				50	
1,3-Dichlorobenzene	BRL	5.00	ug/l		BRL				50	
1,4-Dichlorobenzene	BRL	5.00	ug/l		BRL				50	
3,3'-Dichlorobenzidine	BRL	5.00	ug/l		BRL				50	
2,4-Dichlorophenol	BRL	5.00	ug/l		BRL				50	
Diethyl phthalate	BRL	5.00	ug/l		0.295			9.96	50	
Dimethyl phthalate	BRL	5.00	ug/l		BRL				50	
2,4-Dimethylphenol	BRL	5.00	ug/l		BRL				50	
Di-n-butyl phthalate	BRL	5.00	ug/l		0.505			3.22	50	
4,6-Dinitro-2-methylphenol	BRL	5.00	ug/l		BRL				50	
2,4-Dinitrophenol	BRL	5.00	ug/l		0.863			47.3	50	
2,4-Dinitrotoluene	BRL	5.00	ug/l		BRL				50	
2,6-Dinitrotoluene	BRL	5.00	ug/l		BRL				50	
Di-n-octyl phthalate	BRL	5.00	ug/l		BRL				50	
Fluoranthene	BRL	5.00	ug/l		BRL				50	
Fluorene	BRL	5.00	ug/l		BRL				50	
Hexachlorobenzene	BRL	5.00	ug/l		BRL				50	
Hexachlorobutadiene	BRL	5.00	ug/l		BRL				50	
Hexachlorocyclopentadiene	BRL	5.00	ug/l		BRL				50	
Hexachloroethane	BRL	5.00	ug/l		BRL				50	
Indeno (1,2,3-cd) pyrene	BRL	5.00	ug/l		BRL				50	
1-Methylnaphthalene	BRL	5.00	ug/l		BRL				200	
Isophorone	BRL	5.00	ug/l		BRL				50	
2-Methylnaphthalene	BRL	5.00	ug/l		BRL				50	
2-Methylphenol	BRL	5.00	ug/l		BRL				50	
3-Methylphenol	BRL	5.00	ug/l		BRL				50	
4-Methylphenol	BRL	5.00	ug/l		BRL				50	
Naphthalene	BRL	5.00	ug/l		BRL				50	
2-Nitroaniline	BRL	5.00	ug/l		0.0632			5.39	50	
3-Nitroaniline	BRL	5.00	ug/l		BRL				50	
4-Nitroaniline	BRL	5.00	ug/l		BRL				50	
Nitrobenzene	BRL	5.00	ug/l		BRL				50	
2-Nitrophenol	BRL	5.00	ug/l		BRL				50	
4-Nitrophenol	BRL	5.00	ug/l		BRL				50	
N-Nitrosodimethylamine	BRL	5.00	ug/l		BRL				50	
N-Nitrosodi-n-propylamine	BRL	5.00	ug/l		BRL				50	
N-Nitrosodiphenylamine	BRL	5.00	ug/l		0.442			15.6	50	
Pentachlorophenol	BRL	5.00	ug/l		BRL				50	
Phenanthrene	BRL	5.00	ug/l		BRL				50	
Phenol	BRL	5.00	ug/l		BRL				50	
Pyrene	BRL	5.00	ug/l		BRL				50	
Pyridine	BRL	5.00	ug/l		BRL				50	
1,2,4-Trichlorobenzene	BRL	5.00	ug/l		BRL				50	
2,4,5-Trichlorophenol	BRL	5.00	ug/l		BRL				50	
2,4,6-Trichlorophenol	BRL	5.00	ug/l		BRL				50	
Surrogate: 2-Fluorobiphenyl	*88.8*		ug/l	*111*		*80.0*	*30-130*			
Surrogate: 2-Fluorophenol	*85.8*		ug/l	*111*		*77.3*	*15-110*			
Surrogate: Nitrobenzene-d5	*76.1*		ug/l	*111*		*68.6*	*30-130*			
Surrogate: Phenol-d5	*77.7*		ug/l	*111*		*70.0*	*15-110*			
Surrogate: Terphenyl-d14	*74.4*		ug/l	*111*		*67.0*	*30-130*			
Surrogate: 2,4,6-Tribromophenol	*112*		ug/l	*111*		*101*	*15-110*			

Total Metals by EPA 200 Series Methods - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010658 - EPA 200 Series										
Blank (4010658-BLK1)				Prepared & Analyzed: 14-Jan-04						
Antimony	BRL	0.0120	mg/l							
Iron	BRL	0.0050	mg/l							
Lead	BRL	0.0075	mg/l							
Magnesium	BRL	0.0250	mg/l							
Manganese	0.0022	0.0010	mg/l							QB-01
Nickel	BRL	0.0050	mg/l							
Potassium	BRL	0.100	mg/l							
Selenium	BRL	0.0150	mg/l							
Sodium	0.289	0.0500	mg/l							QB-01
Thallium	BRL	0.0100	mg/l							
Zinc	BRL	0.0050	mg/l							
Aluminum	BRL	0.0150	mg/l							
Arsenic	BRL	0.0080	mg/l							
Barium	BRL	0.0050	mg/l							
Beryllium	BRL	0.0020	mg/l							
Cadmium	BRL	0.0025	mg/l							
Calcium	0.0827	0.0500	mg/l							QB-01
Chromium	BRL	0.0050	mg/l							
Cobalt	BRL	0.0050	mg/l							
Copper	BRL	0.0050	mg/l							
Silver	BRL	0.0100	mg/l							
LCS (4010658-BS1)				Prepared & Analyzed: 14-Jan-04						
Antimony	0.952	0.0120	mg/l	1.00		95.2	85-115			
Iron	0.918	0.0050	mg/l	1.00		91.8	85-115			
Lead	0.860	0.0075	mg/l	1.00		86.0	85-115			
Magnesium	0.902	0.0250	mg/l	1.00		90.2	85-115			
Manganese	0.942	0.0010	mg/l	1.00		94.2	85-115			
Nickel	0.884	0.0050	mg/l	1.00		88.4	85-115			
Potassium	9.22	0.100	mg/l	10.0		92.2	85-115			
Selenium	1.10	0.0150	mg/l	1.00		110	85-115			
Sodium	0.971	0.0100	mg/l	1.00		97.1	85-115			
Thallium	0.969	0.0200	mg/l	1.00		96.9	85-115			
Zinc	0.984	0.0050	mg/l	1.00		98.4	85-115			
Aluminum	0.957	0.0150	mg/l	1.00		95.7	85-115			
Arsenic	0.987	0.0080	mg/l	1.00		98.7	85-115			
Barium	0.864	0.0050	mg/l	1.00		86.4	85-115			
Beryllium	0.926	0.0020	mg/l	1.00		92.6	85-115			
Cadmium	0.956	0.0025	mg/l	1.00		95.6	85-115			
Calcium	0.998	0.0500	mg/l	1.00		99.8	85-115			
Chromium	0.870	0.0050	mg/l	1.00		87.0	85-115			
Cobalt	0.880	0.0050	mg/l	1.00		88.0	85-115			
Copper	0.908	0.0050	mg/l	1.00		90.8	85-115			
Silver	0.434	0.0100	mg/l	0.500		86.8	85-115			
Duplicate (4010658-DUP1)		Source: SA07114-01		Prepared & Analyzed: 14-Jan-04						
Antimony	BRL	0.0120	mg/l		BRL				20	
Iron	2.23	0.0050	mg/l		2.05			8.41	200	
Lead	0.0699	0.0075	mg/l		0.0681			2.61	200	
Magnesium	3.28	0.0250	mg/l		3.20			2.47	200	
Manganese	0.0688	0.0010	mg/l		0.0660			4.15	200	
Nickel	0.0269	0.0050	mg/l		0.0228			16.5	200	
Potassium	5.89	0.100	mg/l		5.84			0.853	200	
Selenium	BRL	0.0150	mg/l		BRL				200	
Sodium	186	0.0500	mg/l		183			1.63	200	

Total Metals by EPA 200 Series Methods - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010658 - EPA 200 Series										
Duplicate (4010658-DUP1)	Source: SA07114-01			Prepared & Analyzed: 14-Jan-04						
Thallium	BRL	0.0100	mg/l		BRL				20	
Zinc	2.68	0.0050	mg/l		2.63			1.88	200	
Aluminum	0.704	0.0150	mg/l		0.688			2.30	200	
Arsenic	BRL	0.0080	mg/l		BRL				20	
Barium	0.0360	0.0050	mg/l		0.0352			2.25	200	
Beryllium	BRL	0.0020	mg/l		0.0009			11.8	200	
Cadmium	BRL	0.0025	mg/l		0.0020			0.00	20	
Calcium	19.3	0.0500	mg/l		19.1			1.04	200	
Chromium	0.0256	0.0050	mg/l		0.0184			32.7	200	
Cobalt	0.0054	0.0050	mg/l		0.0052			3.77	200	
Copper	0.631	0.0050	mg/l		0.624			1.12	200	
Silver	BRL	0.0100	mg/l		BRL				20	
Duplicate (4010658-DUP2)	Source: SA07214-03			Prepared & Analyzed: 14-Jan-04						
Antimony	BRL	0.0060	mg/l		BRL				20	
Iron	0.296	0.0025	mg/l		0.301			1.68	200	
Lead	BRL	0.0038	mg/l		BRL				200	
Magnesium	17.2	0.0125	mg/l		17.2			0.00	200	
Manganese	0.120	0.0005	mg/l		0.123			2.47	200	
Nickel	0.0027	0.0025	mg/l		0.0027			0.00	200	
Potassium	1.84	0.0500	mg/l		1.86			1.08	200	
Selenium	BRL	0.0075	mg/l		BRL				200	
Sodium	87.7	0.500	mg/l		86.0			1.96	200	
Thallium	BRL	0.0050	mg/l		BRL				20	
[illegible]c	0.0076	0.0025	mg/l		0.0099			26.3	200	
Aluminum	0.162	0.0075	mg/l		0.168			3.64	200	
Arsenic	BRL	0.0040	mg/l		BRL				20	
Barium	0.0415	0.0025	mg/l		0.0408			1.70	200	
Beryllium	BRL	0.0010	mg/l		0.0004			0.00	200	
Cadmium	BRL	0.0012	mg/l		BRL				20	
Calcium	77.0	0.500	mg/l		77.2			0.259	200	
Chromium	0.0026	0.0025	mg/l		0.0025			3.92	200	
Cobalt	0.0075	0.0025	mg/l		0.0076			1.32	200	
Copper	BRL	0.0025	mg/l		0.0015			12.5	200	
Silver	BRL	0.0050	mg/l		BRL				20	
Matrix Spike (4010658-MS1)	Source: SA07185-01			Prepared & Analyzed: 14-Jan-04						
Antimony	0.0816	0.0120	mg/l	0.100	BRL	81.6	70-130			
Iron	23.4	0.0050	mg/l	0.100	24.4	NR	70-130			QM-4X
Lead	0.0704	0.0075	mg/l	0.100	BRL	70.4	70-130			
Magnesium	13.8	0.0250	mg/l	0.100	14.5	NR	70-130			QM-4X
Manganese	19.0	0.0010	mg/l	0.100	19.8	NR	70-130			QM-4X
Nickel	0.0821	0.0050	mg/l	0.100	0.0036	78.5	70-130			
Potassium	9.77	0.100	mg/l	1.00	8.60	117	70-130			
Selenium	0.0934	0.0150	mg/l	0.100	BRL	93.4	70-130			
Sodium	161	0.0500	mg/l	0.100	166	NR	70-130			QM-02
Thallium	0.106	0.0100	mg/l	0.100	BRL	106	70-130			
Zinc	0.0989	0.0050	mg/l	0.100	0.0170	81.9	70-130			
Aluminum	1.37	0.0150	mg/l	0.100	1.22	150	70-130			QM-07
Arsenic	0.0874	0.0080	mg/l	0.100	BRL	87.4	70-130			
Barium	0.155	0.0050	mg/l	0.100	0.0828	72.2	70-130			
[illegible]llium	0.0840	0.0020	mg/l	0.100	0.0009	83.1	70-130			
[illegible]mium	0.0806	0.0025	mg/l	0.100	0.0006	80.0	70-130			
Calcium	71.9	0.0500	mg/l	0.100	73.0	NR	70-130			QM-02
Chromium	0.0855	0.0050	mg/l	0.100	0.0090	76.5	70-130			

Total Metals by EPA 200 Series Methods - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010658 - EPA 200 Series										
Matrix Spike (4010658-MS1)	Source: SA07185-01			Prepared & Analyzed: 14-Jan-04						
Cobalt	0.0880	0.0050	mg/l	0.100	0.0123	75.7	70-130			
Copper	0.0900	0.0050	mg/l	0.100	0.0120	78.0	70-130			
Silver	0.0436	0.0100	mg/l	0.0500	BRL	87.2	70-130			
Matrix Spike (4010658-MS2)	Source: SA06999-06			Prepared & Analyzed: 14-Jan-04						
Antimony	0.0869	0.0060	mg/l	0.100	0.0038	83.1	70-130			
Iron	0.391	0.0025	mg/l	0.100	0.298	93.0	70-130			
Lead	0.0812	0.0038	mg/l	0.100	BRL	81.2	70-130			
Magnesium	5.50	0.0125	mg/l	0.100	5.27	230	70-130			QM-4X
Manganese	0.137	0.0005	mg/l	0.100	0.0416	95.4	70-130			
Nickel	0.0845	0.0025	mg/l	0.100	BRL	84.5	70-130			
Potassium	2.40	0.0500	mg/l	1.00	1.86	54.0	70-130			QM-4X
Selenium	0.104	0.0075	mg/l	0.100	0.0036	100	70-130			
Sodium	41.2	0.0250	mg/l	0.100	41.0	200	70-130			QM-02
Thallium	0.0801	0.0050	mg/l	0.100	BRL	80.1	70-130			
Zinc	0.112	0.0025	mg/l	0.100	0.0171	94.9	70-130			
Aluminum	7.42	0.0075	mg/l	0.100	7.09	330	70-130			QM-4X
Arsenic	0.0932	0.0040	mg/l	0.100	BRL	93.2	70-130			
Barium	0.0934	0.0025	mg/l	0.100	0.0124	81.0	70-130			
Beryllium	0.0890	0.0010	mg/l	0.100	0.0005	88.5	70-130			
Cadmium	0.0874	0.0012	mg/l	0.100	BRL	87.4	70-130			
Calcium	14.6	0.0250	mg/l	0.100	14.6	0.00	70-130			QM-4X
Chromium	0.0806	0.0025	mg/l	0.100	0.0013	79.3	70-130			
Cobalt	0.0819	0.0025	mg/l	0.100	BRL	81.9	70-130			
per	0.0946	0.0025	mg/l	0.100	0.0120	82.6	70-130			
r	0.0427	0.0050	mg/l	0.0500	BRL	85.4	70-130			
Batch 4010663 - EPA200/SW7000 Series										
Blank (4010663-BLK1)				Prepared: 14-Jan-04 Analyzed: 15-Jan-04						
Mercury	BRL	0.00040	mg/l							
LCS (4010663-BS1)				Prepared: 14-Jan-04 Analyzed: 15-Jan-04						
Mercury	0.00537	0.00040	mg/l	0.00500		107	80-120			
Duplicate (4010663-DUP1)	Source: SA07214-02			Prepared: 14-Jan-04 Analyzed: 15-Jan-04						
Mercury	BRL	0.00040	mg/l		BRL				20	
Matrix Spike (4010663-MS1)	Source: SA06991-02			Prepared: 14-Jan-04 Analyzed: 15-Jan-04						
Mercury	0.00032	0.00040	mg/l	0.00500	BRL	6.40	75-125			QR-03
Matrix Spike Dup (4010663-MSD1)	Source: SA06991-02			Prepared: 14-Jan-04 Analyzed: 15-Jan-04						
Mercury	0.00031	0.00040	mg/l	0.00500	BRL	6.20	75-125	3.17	20	QR-03

General Chemistry Parameters - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010650 - General Preparation										
Blank (4010650-BLK1)				Prepared & Analyzed: 14-Jan-04						
Hexavalent Chromium	BRL	0.005	mg/l							
LCS (4010650-BS1)				Prepared & Analyzed: 14-Jan-04						
Hexavalent Chromium	0.046	0.005	mg/l	0.0500		92.0	90-110			
Duplicate (4010650-DUP1)	Source: SA07214-03			Prepared & Analyzed: 14-Jan-04						
Hexavalent Chromium	BRL	0.005	mg/l		0.005			22.2	20	QR-01
Matrix Spike (4010650-MS1)	Source: SA07214-03			Prepared & Analyzed: 14-Jan-04						
Hexavalent Chromium	0.060	0.005	mg/l	0.0500	0.005	110	80-120			
Reference (4010650-SRM1)				Prepared & Analyzed: 14-Jan-04						
Hexavalent Chromium	0.024	0.005	mg/l	0.0250		96.0	85-115			
Batch 4010739 - General Preparation										
Blank (4010739-BLK1)				Prepared & Analyzed: 15-Jan-04						
Cyanide (total)	BRL	0.0100	mg/l							
LCS (4010739-BS1)				Prepared & Analyzed: 15-Jan-04						
Cyanide (total)	0.287	0.0100	mg/l	0.300		95.7	90-110			
Matrix Spike (4010739-MS1)	Source: SA07214-02			Prepared & Analyzed: 15-Jan-04						
Cyanide (total)	0.333	0.0100	mg/l	0.300	BRL	111	75-125			
Matrix Spike Dup (4010739-MSD1)	Source: SA07214-02			Prepared & Analyzed: 15-Jan-04						
Cyanide (total)	0.319	0.0100	mg/l	0.300	BRL	106	75-125	4.29	20	
Reference (4010739-SRM1)				Prepared & Analyzed: 15-Jan-04						
anide (total)	0.297	0.0100	mg/l	0.304		97.7	71-129			

Notes and Definitions

HT-2	This sample was received outside the EPA recommended holding time for the analysis specified.
3-01	The method blank contains analyte at a concentration above the MRL; however, concentration is less than 10% of the sample result, which is negligible according to method criteria.
QC-1	Analyte out of acceptance range.
QM-02	The RPD and/or percent recovery for this QC spike sample cannot be accurately calculated due to the high concentration of analyte inherent in the sample.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM-4X	The spike recovery was outside of QC acceptance limits for the MS and/or MSD due to analyte concentration at 4 times or greater the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits.
QR-01	Analyses are not controlled on RPD values from sample concentrations less than 10 times the reporting limit. QC batch accepted based on LCS and/or LCSD QC results.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside the QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
R-01	The Reporting Limit for this analyte has been raised to account for matrix interference.
BRL	Below Reporting Limit - Analyte NOT DETECTED at or above the reporting limit
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference

aboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to cument laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. The RDL is generally 5 to 10 times the MDL. However, it may be nominally chosen within these guidelines to simplify data reporting. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Validated by:
Hanibal C. Tayeh, Ph.D.
Nicole Brown

SA07214

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

ERM - Standard

CHAIN OF CUSTODY RECORD

Page 1 of ____

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: ____
- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Ed Hinchey
ERM
5788 Widewaters Pkwy
Dewitt, N.Y. 13214
Project Mgr.: Ed Hinchey

Invoice To: Same
WH#2401050b
#2401050T
P.O. No.: 0013172 RQN: ____

Project No.: 0013172
Site Name: Axiohm
Location: Ithaca State: N.Y.
Sampler(s): CW

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH_3OH 8=$NaHSO_4$ 9=ice 10=____

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1=____ X2=____ X3=____

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: VOCs 8260	SVOCs 8270	TAL Metals	Cyanide	Hexchrome	pH	PCBs
SA07214-01	Axi TB (130104)	13 Jan04	0900	-	-	2	1				X						
-02	Axi MW-11 (0104)		0915	G	GW	2,4,5,9	2	2		4	X	X	X	X	X	X	X
-03	Axi MW-3 (0104)		1025	G	GW	2,4,5,9	2	2		4	X	X	X	X	X	X	X
-04	Axi MW-5 (0104)	↓	12:15	G	GW	2,4,5,9	2	2		4	X	X	X	X	X	X	X

QA Reporting Notes: (check if needed)

State specific reporting standards *if applicable, please list below.*

☐ Provide MCP CAM Report Were all field QC requirements met as per MADEP CAM Section 2.0?
☐ Yes ☐ No
(Response required for CAM report)

☒ Fax results when available to (315) 445-2543
☐ E-mail to ____
EDD Format ____

Condition upon receipt: ☒ Iced ☐ Ambient ☐ °C 1

Relinquished by:	Received by:	Date:	Time:
Christopher D Wentlent		13Jan2004	17:30
FedEx	Jim McFarlane	1/14/04	0930

Cool 2

Report Date:
19-Jan-04 15:39

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Laboratory Report

Environmental Resources Management
5788 Widewaters Pkwy
Dewitt, NY 13214
Attn: Ed Hinchey

Project:Axiohm - Ithaca, NY
Project #:0013172

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA07256-01	Axi-TB (140104)	Aqueous	14-Jan-04 08:00	15-Jan-04 10:00
SA07256-02	Axi-MW-6 (0104)	Aqueous	14-Jan-04 08:30	15-Jan-04 10:00
SA07256-03	Axi-MW-1 (0104)	Aqueous	14-Jan-04 13:30	15-Jan-04 10:00
SA07256-04	Axi-MW-7 (0104)	Aqueous	14-Jan-04 14:15	15-Jan-04 10:00

I attest that all information contained within this report has been reviewed for accuracy and checked against all quality control requirements outlined in each applicable method and meet the requirements of NELAC.
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Massachusetts Certification # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87600
Maine # MA138
New Hampshire # 2538
New York # 11393
Rhode Island # 98
USDA # S-51435

ACCREDITED IN ACCORDANCE WITH nelac

Authorized by:

Hanibal T. Tayeh, Ph.D.
President/Laboratory Director

Please refer to our "Quality" webpage at www.spectrum-analytical.com for a full listing of our current certifications.

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi-TB (140104) SA07256-01	0013172	Aqueous	14-Jan-04 08:00	15-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Acetone	BRL	20.0 ug/l	1	SW 846 8260B	16-Jan-04	16-Jan-04	4010768	RLJ	
Acrylonitrile	BRL	1.00 ug/l	1	"	"	"	"	"	
Benzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromodichloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromoform	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromomethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Butanone (MEK)	BRL	10.0 ug/l	1	"	"	"	"	"	
n-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
sec-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
tert-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Carbon disulfide	BRL	5.00 ug/l	1	"	"	"	"	"	
Carbon tetrachloride	BRL	1.00 ug/l	1	"	"	"	"	"	
Chlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Chloroethane	BRL	2.00 ug/l	1	"	"	"	"	"	
Chloroform	BRL	1.00 ug/l	1	"	"	"	"	"	
hloromethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	2.00 ug/l	1	"	"	"	"	"	
Dibromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	1.00 ug/l	1	"	"	"	"	"	
Dibromomethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	2.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
2,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
ylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	1.00 ug/l	1	"	"	"	"	"	
2-Hexanone (MBK)	BRL	10.0 ug/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi-TB (140104) SA07256-01	0013172	Aqueous	14-Jan-04 08:00	15-Jan-04

alyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Isopropylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Isopropyltoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
Methyl tert-butyl ether	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	10.0 ug/l	1	"	"	"	"	"	
Methylene chloride	BRL	10.0 ug/l	1	"	"	"	"	"	
Naphthalene	BRL	1.00 ug/l	1	"	"	"	"	"	
n-Propylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Styrene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Tetrachloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
Toluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Trichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
ichlorofluoromethane (Freon 11)	BRL	1.00 ug/l	1	"	"	"	"	"	
3-Trichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
,2,4-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Vinyl chloride	BRL	1.00 ug/l	1	"	"	"	"	"	
m,p-Xylene	BRL	2.00 ug/l	1	"	"	"	"	"	
o-Xylene	BRL	1.00 ug/l	1	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*106*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*101*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*114*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*99.4*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi-MW-6 (0104) SA07256-02	0013172	Aqueous	14-Jan-04 08:30	15-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Acetone	BRL	20.0 ug/l	1	SW 846 8260B	16-Jan-04	16-Jan-04	4010768	RLJ	
Acrylonitrile	BRL	1.00 ug/l	1	"	"	"	"	"	
Benzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromodichloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromoform	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromomethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Butanone (MEK)	BRL	10.0 ug/l	1	"	"	"	"	"	
n-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
sec-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
tert-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Carbon disulfide	BRL	5.00 ug/l	1	"	"	"	"	"	
Carbon tetrachloride	BRL	1.00 ug/l	1	"	"	"	"	"	
Chlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Chloroethane	BRL	2.00 ug/l	1	"	"	"	"	"	
Chloroform	BRL	1.00 ug/l	1	"	"	"	"	"	
Chloromethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	2.00 ug/l	1	"	"	"	"	"	
Dibromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	1.00 ug/l	1	"	"	"	"	"	
Dibromomethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	2.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,2-Dichloroethene	3.35	1.00 ug/l	1	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
2,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
Ethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	1.00 ug/l	1	"	"	"	"	"	
2-Hexanone (MBK)	BRL	10.0 ug/l	1	"	"	"	"	"	

This laboratory report is not valid without an authorized signature on the cover page.

*Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi-MW-6 (0104) SA07256-02	0013172	Aqueous	14-Jan-04 08:30	15-Jan-04

ılyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Isopropylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Isopropyltoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
Methyl tert-butyl ether	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	10.0 ug/l	1	"	"	"	"	"	
Methylene chloride	BRL	10.0 ug/l	1	"	"	"	"	"	
Naphthalene	BRL	1.00 ug/l	1	"	"	"	"	"	
n-Propylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Styrene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Tetrachloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
Toluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Trichloroethene	13.9	1.00 ug/l	1	"	"	"	"	"	
ichlorofluoromethane (Freon 11)	BRL	1.00 ug/l	1	"	"	"	"	"	
-Trichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
,,4-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Vinyl chloride	BRL	1.00 ug/l	1	"	"	"	"	"	
m,p-Xylene	BRL	2.00 ug/l	1	"	"	"	"	"	
o-Xylene	BRL	1.00 ug/l	1	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*108*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*103*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*111*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*98.2*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi-MW-6 (0104) SA07256-02	0013172	Aqueous	14-Jan-04 08:30	15-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GC									
Polychlorinated Biphenyls by SW846 8082		Prepared by method SW846 3535							
PCB 1016	BRL	0.111 ug/l	1	SW846 8082	15-Jan-04	16-Jan-04	4010696	MP	
PCB 1221	BRL	0.111 ug/l	1	"	"	"	"	"	
PCB 1232	BRL	0.111 ug/l	1	"	"	"	"	"	
PCB 1242	BRL	0.111 ug/l	1	"	"	"	"	"	
PCB 1248	BRL	0.111 ug/l	1	"	"	"	"	"	
PCB 1254	BRL	0.111 ug/l	1	"	"	"	"	"	
PCB 1260	BRL	0.111 ug/l	1	"	"	"	"	"	
PCB 1262	BRL	0.111 ug/l	1	"	"	"	"	"	
PCB 1268	BRL	0.111 ug/l	1	"	"	"	"	"	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*93.2*	*40-140 %*		"	"	"	"	"	
Surrogate: Decachlorobiphenyl (Sr)	*87.8*	*40-140 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C		Prepared by method SW846 3535							
Acenaphthene	BRL	5.00 ug/l	1	SW846 8270C	15-Jan-04	16-Jan-04	4010697	M.B	
Acenaphthylene	BRL	5.00 ug/l	1	"	"	"	"	"	
Aniline	BRL	5.00 ug/l	1	"	"	"	"	"	
Anthracene	BRL	5.00 ug/l	1	"	"	"	"	"	
Azobenzene/Diphenyldiazine	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzidine	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (a) anthracene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (a) pyrene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (b) fluoranthene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (g,h,i) perylene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (k) fluoranthene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzoic acid	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzyl alcohol	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-chloroethoxy)methane	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-chloroethyl)ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Bromophenyl phenyl ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Butyl benzyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
Carbazole	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Chloro-3-methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Chloroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Chloronaphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Chlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Chlorophenyl phenyl ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Chrysene	BRL	5.00 ug/l	1	"	"	"	"	"	
Dibenzo (a,h) anthracene	BRL	5.00 ug/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi-MW-6 (0104) SA07256-02	0013172	Aqueous	14-Jan-04 08:30	15-Jan-04

alyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3535									
Dibenzofuran	BRL	5.00 ug/l	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
3,3'-Dichlorobenzidine	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dichlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Diethyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
Dimethyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dimethylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Di-n-butyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dinitrophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dinitrotoluene	BRL	5.00 ug/l	1	"	"	"	"	"	
2,6-Dinitrotoluene	BRL	5.00 ug/l	1	"	"	"	"	"	
Di-n-octyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
Fluoranthene	BRL	5.00 ug/l	1	"	"	"	"	"	
Fluorene	BRL	5.00 ug/l	1	"	"	"	"	"	
xachlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
achlorobutadiene	BRL	5.00 ug/l	1	"	"	"	"	"	
exachlorocyclopentadiene	BRL	5.00 ug/l	1	"	"	"	"	"	
Hexachloroethane	BRL	5.00 ug/l	1	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	BRL	5.00 ug/l	1	"	"	"	"	"	
1-Methylnaphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
Isophorone	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Methylnaphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
3-Methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Naphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Nitroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
3-Nitroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Nitroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
Nitrobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Nitrophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Nitrophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
N-Nitrosodimethylamine	BRL	5.00 ug/l	1	"	"	"	"	"	
N-Nitrosodi-n-propylamine	BRL	5.00 ug/l	1	"	"	"	"	"	
N-Nitrosodiphenylamine	BRL	5.00 ug/l	1	"	"	"	"	"	
Pentachlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
nanthrene	BRL	5.00 ug/l	1	"	"	"	"	"	
enol	BRL	5.00 ug/l	1	"	"	"	"	"	
ne	BRL	5.00 ug/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi-MW-6 (0104) SA07256-02	0013172	Aqueous	14-Jan-04 08:30	15-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3535									
Pyridine	BRL	5.00 ug/l	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4,5-Trichlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4,6-Trichlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl	*77.5*	*30-130 %*		"	"	"	"	"	
Surrogate: 2-Fluorophenol	*73.1*	*15-110 %*		"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*79.2*	*30-130 %*		"	"	"	"	"	
Surrogate: Phenol-d5	*71.8*	*15-110 %*		"	"	"	"	"	
Surrogate: Terphenyl-dl4	*73.7*	*30-130 %*		"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol	*72.3*	*15-110 %*		"	"	"	"	"	
Total Metals by EPA 200 Series Methods									
Silver	BRL	0.0050 mg/l	1	EPA 200.7	15-Jan-04	15-Jan-04	4010728	CR	
Aluminum	1.44	0.0075 mg/l	1	"	"	"	"	"	
Arsenic	BRL	0.0040 mg/l	1	"	"	"	"	"	
Barium	0.0908	0.0025 mg/l	1	"	"	"	"	"	
Beryllium	BRL	0.0010 mg/l	1	"	"	"	"	"	
Calcium	111	0.500 mg/l	20	"	"	"	"	"	
Cadmium	BRL	0.0012 mg/l	1	"	"	"	"	"	
Cobalt	BRL	0.0025 mg/l	1	"	"	"	"	"	
Chromium	0.0042	0.0025 mg/l	1	"	"	"	"	"	
Copper	0.0052	0.0025 mg/l	1	"	"	"	"	"	
Iron	2.45	0.0025 mg/l	1	"	"	"	"	"	
Mercury	BRL	0.00040 mg/l	1	EPA 245.2/7470A	"	16-Jan-04	4010727	YP	
Potassium	6.41	0.0500 mg/l	1	EPA 200.7	"	15-Jan-04	4010728	CR	
Magnesium	20.1	0.0125 mg/l	1	"	"	"	"	"	
Manganese	0.168	0.0005 mg/l	1	"	"	"	"	"	
Sodium	182	0.500 mg/l	20	"	"	16-Jan-04	"	KS	
Nickel	0.0136	0.0025 mg/l	1	"	"	15-Jan-04	"	CR	
Lead	0.0163	0.0038 mg/l	1	"	"	"	"	"	
Antimony	BRL	0.0060 mg/l	1	"	"	"	"	"	
Selenium	BRL	0.0075 mg/l	1	"	"	"	"	"	
Thallium	BRL	0.0050 mg/l	1	"	"	"	"	"	
Zinc	0.0204	0.0025 mg/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi-MW-1 (0104) SA07256-03	0013172	Aqueous	14-Jan-04 13:30	15-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Acetone	BRL	20.0 ug/l	1	SW 846 8260B	16-Jan-04	16-Jan-04	4010768	RLJ	
Acrylonitrile	BRL	1.00 ug/l	1	"	"	"	"	"	
Benzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromodichloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromoform	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromomethane	2.81	2.00 ug/l	1	"	"	"	"	"	
2-Butanone (MEK)	BRL	10.0 ug/l	1	"	"	"	"	"	
n-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
sec-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
tert-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Carbon disulfide	BRL	5.00 ug/l	1	"	"	"	"	"	
Carbon tetrachloride	BRL	1.00 ug/l	1	"	"	"	"	"	
Chlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Chloroethane	BRL	2.00 ug/l	1	"	"	"	"	"	
Chloroform	BRL	1.00 ug/l	1	"	"	"	"	"	
Chloromethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	2.00 ug/l	1	"	"	"	"	"	
Dibromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	1.00 ug/l	1	"	"	"	"	"	
Dibromomethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	2.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
2,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
Ethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	1.00 ug/l	1	"	"	"	"	"	
Hexanone (MBK)	BRL	10.0 ug/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi-MW-1 (0104) SA07256-03	0013172	Aqueous	14-Jan-04 13:30	15-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Isopropylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Isopropyltoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
Methyl tert-butyl ether	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	10.0 ug/l	1	"	"	"	"	"	
Methylene chloride	BRL	10.0 ug/l	1	"	"	"	"	"	
Naphthalene	BRL	1.00 ug/l	1	"	"	"	"	"	
n-Propylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Styrene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Tetrachloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
Toluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Trichloroethene	1.17	1.00 ug/l	1	"	"	"	"	"	
ichlorofluoromethane (Freon 11)	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Vinyl chloride	BRL	1.00 ug/l	1	"	"	"	"	"	
m,p-Xylene	BRL	2.00 ug/l	1	"	"	"	"	"	
o-Xylene	BRL	1.00 ug/l	1	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*108*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*104*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*114*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*99.0*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi-MW-1 (0104) SA07256-03	0013172	Aqueous	14-Jan-04 13:30	15-Jan-04

Analyte(s)	Result	*RDL/Units	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst	Flag
Semivolatile Organic Compounds by GC									
Polychlorinated Biphenyls by SW846 8082		Prepared by method SW846 3535							
PCB 1016	BRL	0.143 ug/l	1	SW846 8082	15-Jan-04	16-Jan-04	4010696	MP	
PCB 1221	BRL	0.143 ug/l	1	"	"	"	"	"	
PCB 1232	BRL	0.143 ug/l	1	"	"	"	"	"	
PCB 1242	BRL	0.143 ug/l	1	"	"	"	"	"	
PCB 1248	BRL	0.143 ug/l	1	"	"	"	"	"	
PCB 1254	BRL	0.143 ug/l	1	"	"	"	"	"	
PCB 1260	BRL	0.143 ug/l	1	"	"	"	"	"	
PCB 1262	BRL	0.143 ug/l	1	"	"	"	"	"	
PCB 1268	BRL	0.143 ug/l	1	"	"	"	"	"	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*95.8*	*40-140 %*		"	"	"	"	"	
Surrogate: Decachlorobiphenyl (Sr)	*78.0*	*40-140 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C		Prepared by method SW846 3535							
Acenaphthene	BRL	5.00 ug/l	1	SW846 8270C	15-Jan-04	16-Jan-04	4010697	MB	
Acenaphthylene	BRL	5.00 ug/l	1	"	"	"	"	"	
Aniline	BRL	5.00 ug/l	1	"	"	"	"	"	
Anthracene	BRL	5.00 ug/l	1	"	"	"	"	"	
Azobenzene/Diphenyldiazine	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzidine	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (a) anthracene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (a) pyrene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (b) fluoranthene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (g,h,i) perylene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (k) fluoranthene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzoic acid	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzyl alcohol	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-chloroethoxy)methane	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-chloroethyl)ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Bromophenyl phenyl ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Butyl benzyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
Carbazole	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Chloro-3-methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Chloroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Chloronaphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Chlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Chlorophenyl phenyl ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Chrysene	BRL	5.00 ug/l	1	"	"	"	"	"	
Dibenzo (a,h) anthracene	BRL	5.00 ug/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi-MW-1 (0104) SA07256-03	0013172	Aqueous	14-Jan-04 13:30	15-Jan-04

Analyte(s)	Result	*RDL/Units	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst	Flag
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3535									
Dibenzofuran	BRL	5.00 ug/l	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
3,3'-Dichlorobenzidine	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dichlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Diethyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
Dimethyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dimethylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Di-n-butyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dinitrophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dinitrotoluene	BRL	5.00 ug/l	1	"	"	"	"	"	
2,6-Dinitrotoluene	BRL	5.00 ug/l	1	"	"	"	"	"	
Di-n-octyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
Fluoranthene	BRL	5.00 ug/l	1	"	"	"	"	"	
Fluorene	BRL	5.00 ug/l	1	"	"	"	"	"	
Hexachlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	5.00 ug/l	1	"	"	"	"	"	
Hexachlorocyclopentadiene	BRL	5.00 ug/l	1	"	"	"	"	"	
Hexachloroethane	BRL	5.00 ug/l	1	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	BRL	5.00 ug/l	1	"	"	"	"	"	
1-Methylnaphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
Isophorone	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Methylnaphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
3-Methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Naphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Nitroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
3-Nitroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Nitroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
Nitrobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Nitrophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Nitrophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
N-Nitrosodimethylamine	BRL	5.00 ug/l	1	"	"	"	"	"	
N-Nitrosodi-n-propylamine	BRL	5.00 ug/l	1	"	"	"	"	"	
N-Nitrosodiphenylamine	BRL	5.00 ug/l	1	"	"	"	"	"	
Pentachlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Phenanthrene	BRL	5.00 ug/l	1	"	"	"	"	"	
Phenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Pyrene	BRL	5.00 ug/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi-MW-1 (0104) SA07256-03	0013172	Aqueous	14-Jan-04 13:30	15-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3535									
Pyridine	BRL	5.00 ug/l	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4,5-Trichlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4,6-Trichlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl	*74.1*	*30-130 %*		"	"	"	"	"	
Surrogate: 2-Fluorophenol	*66.8*	*15-110 %*		"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*76.9*	*30-130 %*		"	"	"	"	"	
Surrogate: Phenol-d5	*70.6*	*15-110 %*		"	"	"	"	"	
Surrogate: Terphenyl-dl4	*74.1*	*30-130 %*		"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol	*63.4*	*15-110 %*		"	"	"	"	"	
Total Metals by EPA 200 Series Methods									
Silver	BRL	0.0500 mg/l	1	EPA 200.7	15-Jan-04	15-Jan-04	4010728	CR	
Aluminum	124	0.0750 mg/l	1	"	"	"	"	"	
Arsenic	0.0698	0.0400 mg/l	1	"	"	"	"	"	
Barium	0.948	0.0250 mg/l	1	"	"	"	"	"	
Beryllium	BRL	0.0100 mg/l	1	"	"	"	"	"	
alcium	254	0.250 mg/l	1	"	"	"	"	"	
mium	BRL	0.0125 mg/l	1	"	"	"	"	"	
oalt	0.112	0.0250 mg/l	1	"	"	"	"	"	
Chromium	0.172	0.0250 mg/l	1	"	"	"	"	"	
Copper	0.316	0.0250 mg/l	1	"	"	"	"	"	
Iron	249	0.0250 mg/l	1	"	"	"	"	"	
Mercury	BRL	0.00040 mg/l	1	EPA 245.2/7470A	"	16-Jan-04	4010727	YP	
Potassium	13.8	0.500 mg/l	1	EPA 200.7	"	15-Jan-04	4010728	CR	
Magnesium	93.2	0.125 mg/l	1	"	"	"	"	"	
Manganese	10.1	0.0050 mg/l	1	"	"	"	"	"	
Sodium	263	0.250 mg/l	1	"	"	"	"	"	
Nickel	0.245	0.0250 mg/l	1	"	"	"	"	"	
Lead	0.0755	0.0375 mg/l	1	"	"	"	"	"	
Antimony	BRL	0.0600 mg/l	1	"	"	"	"	"	
Selenium	BRL	0.0750 mg/l	1	"	"	"	"	"	
Thallium	BRL	0.0500 mg/l	1	"	"	"	"	"	
Zinc	1.08	0.0250 mg/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi-MW-1 (0104) SA07256-03	0013172	Aqueous	14-Jan-04 13:30	15-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
General Chemistry Parameters									
Hexavalent Chromium	BRL	0.010 mg/l	2	SM3500CrD/7196A	15-Jan-04 13:25	15-Jan-04	4010733	AJ	R-01
Cyanide (total)	BRL	0.0100 mg/l	1	10-204-00-1-A	16-Jan-04	16-Jan-04	4010789	AW	
pH	7.88	pH Units	1	EPA 150.1	15-Jan-04 13:40	15-Jan-04	4010765	RB	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi-MW-7 (0104) SA07256-04	0013172	Aqueous	14-Jan-04 14:15	15-Jan-04

lyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Acetone	22.1	20.0 ug/l	1	SW 846 8260B	16-Jan-04	16-Jan-04	4010644	KL	
Acrylonitrile	BRL	1.00 ug/l	1	"	"	"	"	"	
Benzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromodichloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromoform	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromomethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Butanone (MEK)	BRL	10.0 ug/l	1	"	"	"	"	"	
n-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
sec-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
tert-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Carbon disulfide	BRL	5.00 ug/l	1	"	"	"	"	"	
Carbon tetrachloride	BRL	1.00 ug/l	1	"	"	"	"	"	
Chlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Chloroethane	BRL	2.00 ug/l	1	"	"	"	"	"	
Chloroform	BRL	1.00 ug/l	1	"	"	"	"	"	
loromethane	BRL	2.00 ug/l	1	"	"	"	"	"	
lorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	2.00 ug/l	1	"	"	"	"	"	
Dibromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	1.00 ug/l	1	"	"	"	"	"	
Dibromomethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	2.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethane	1.68	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethene	3.64	1.00 ug/l	1	"	"	"	"	"	
cis-1,2-Dichloroethene	3,970	100 ug/l	100	"	"	"	"	"	
trans-1,2-Dichloroethene	46.3	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
2,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
ylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
achlorobutadiene	BRL	1.00 ug/l	1	"	"	"	"	"	
anone (MBK)	BRL	10.0 ug/l	1	"	"	"	"	"	

This laboratory report is not valid without an authorized signature on the cover page.

*Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi-MW-7 (0104) SA07256-04	0013172	Aqueous	14-Jan-04 14:15	15-Jan-04

Analyte(s)	*Result*	*RDL/Units	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Isopropylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Isopropyltoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
Methyl tert-butyl ether	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	10.0 ug/l	1	"	"	"	"	"	
Methylene chloride	BRL	10.0 ug/l	1	"	"	"	"	"	
Naphthalene	BRL	1.00 ug/l	1	"	"	"	"	"	
n-Propylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Styrene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Tetrachloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
Toluene	1.43	1.00 ug/l	1	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1-Trichloroethane	1.23	1.00 ug/l	1	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Trichloroethene	448	100 ug/l	100	"	"	"	"	"	
ichlorofluoromethane (Freon 11)	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Vinyl chloride	97.3	1.00 ug/l	1	"	"	"	"	"	
m,p-Xylene	BRL	2.00 ug/l	1	"	"	"	"	"	
o-Xylene	BRL	1.00 ug/l	1	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*90.7*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*98.7*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*96.7*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*101*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi-MW-7 (0104) SA07256-04	0013172	Aqueous	14-Jan-04 14:15	15-Jan-04

alyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GC									
Polychlorinated Biphenyls by SW846 8082		Prepared by method SW846 3535							
PCB 1016	BRL	0.138 ug/l	1	SW846 8082	15-Jan-04	16-Jan-04	4010696	MP	
PCB 1221	BRL	0.138 ug/l	1	"	"	"	"	"	
PCB 1232	BRL	0.138 ug/l	1	"	"	"	"	"	
PCB 1242	BRL	0.138 ug/l	1	"	"	"	"	"	
PCB 1248	BRL	0.138 ug/l	1	"	"	"	"	"	
PCB 1254	BRL	0.138 ug/l	1	"	"	"	"	"	
PCB 1260	BRL	0.138 ug/l	1	"	"	"	"	"	
PCB 1262	BRL	0.138 ug/l	1	"	"	"	"	"	
PCB 1268	BRL	0.138 ug/l	1	"	"	"	"	"	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*95.7*	*40-140 %*		"	"	"	"	"	
Surrogate: Decachlorobiphenyl (Sr)	*99.3*	*40-140 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C		Prepared by method SW846 3535							
Acenaphthene	BRL	5.00 ug/l	1	SW846 8270C	15-Jan-04	16-Jan-04	4010697	M.B	
Acenaphthylene	BRL	5.00 ug/l	1	"	"	"	"	"	
Aniline	BRL	5.00 ug/l	1	"	"	"	"	"	
Anthracene	BRL	5.00 ug/l	1	"	"	"	"	"	
Azobenzene/Diphenyldiazine	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzidine	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (a) anthracene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (a) pyrene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (b) fluoranthene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (g,h,i) perylene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (k) fluoranthene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzoic acid	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzyl alcohol	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-chloroethoxy)methane	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-chloroethyl)ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Bromophenyl phenyl ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Butyl benzyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
Carbazole	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Chloro-3-methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Chloroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Chloronaphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Chlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Chlorophenyl phenyl ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Chrysene	BRL	5.00 ug/l	1	"	"	"	"	"	
Dibenzo (a,h) anthracene	BRL	5.00 ug/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi-MW-7 (0104) SA07256-04	0013172	Aqueous	14-Jan-04 14:15	15-Jan-04

Analyte(s)	Result	*RDL/Units	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst	Flag
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3535									
Dibenzofuran	BRL	5.00 ug/l	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
3,3'-Dichlorobenzidine	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dichlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Diethyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
Dimethyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dimethylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Di-n-butyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dinitrophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dinitrotoluene	BRL	5.00 ug/l	1	"	"	"	"	"	
2,6-Dinitrotoluene	BRL	5.00 ug/l	1	"	"	"	"	"	
Di-n-octyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
Fluoranthene	BRL	5.00 ug/l	1	"	"	"	"	"	
Fluorene	BRL	5.00 ug/l	1	"	"	"	"	"	
Hexachlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	5.00 ug/l	1	"	"	"	"	"	
Hexachlorocyclopentadiene	BRL	5.00 ug/l	1	"	"	"	"	"	
Hexachloroethane	BRL	5.00 ug/l	1	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	BRL	5.00 ug/l	1	"	"	"	"	"	
1-Methylnaphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
Isophorone	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Methylnaphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
3-Methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Naphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Nitroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
3-Nitroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Nitroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
Nitrobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Nitrophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Nitrophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
N-Nitrosodimethylamine	BRL	5.00 ug/l	1	"	"	"	"	"	
N-Nitrosodi-n-propylamine	BRL	5.00 ug/l	1	"	"	"	"	"	
N-Nitrosodiphenylamine	BRL	5.00 ug/l	1	"	"	"	"	"	
Pentachlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Phenanthrene	BRL	5.00 ug/l	1	"	"	"	"	"	
Phenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Pyrene	BRL	5.00 ug/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi-MW-7 (0104) SA07256-04	0013172	Aqueous	14-Jan-04 14:15	15-Jan-04

lyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3535									
Pyridine	BRL	5.00 ug/l	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4,5-Trichlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4,6-Trichlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl	*73.2*	*30-130 %*		"	"	"	"	"	
Surrogate: 2-Fluorophenol	*71.0*	*15-110 %*		"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*65.9*	*30-130 %*		"	"	"	"	"	
Surrogate: Phenol-d5	*68.5*	*15-110 %*		"	"	"	"	"	
Surrogate: Terphenyl-dl4	*73.2*	*30-130 %*		"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol	*76.8*	*15-110 %*		"	"	"	"	"	
Total Metals by EPA 200 Series Methods									
Silver	BRL	0.0050 mg/l	1	EPA 200.7	15-Jan-04	15-Jan-04	4010728	CR	
Aluminum	1.25	0.0075 mg/l	1	"	"	"	"	"	
Arsenic	BRL	0.0040 mg/l	1	"	"	"	"	"	
Barium	0.110	0.0025 mg/l	1	"	"	"	"	"	
Beryllium	BRL	0.0010 mg/l	1	"	"	"	"	"	
[illegible]lcium	163	0.500 mg/l	20	"	"	16-Jan-04	"	KS	
[illegible]nium	BRL	0.0012 mg/l	1	"	"	15-Jan-04	"	CR	
[illegible]alt	BRL	0.0025 mg/l	1	"	"	"	"	"	
Chromium	0.0036	0.0025 mg/l	1	"	"	"	"	"	
Copper	0.0035	0.0025 mg/l	1	"	"	"	"	"	
Iron	2.29	0.0025 mg/l	1	"	"	"	"	"	
Mercury	BRL	0.00040 mg/l	1	EPA 245.2/7470A	"	16-Jan-04	4010727	YP	
Potassium	19.6	0.0500 mg/l	1	EPA 200.7	"	15-Jan-04	4010728	CR	
Magnesium	33.2	0.0125 mg/l	1	"	"	"	"	"	
Manganese	1.19	0.0005 mg/l	1	"	"	"	"	"	
Sodium	214	0.500 mg/l	20	"	"	16-Jan-04	"	KS	
Nickel	0.0045	0.0025 mg/l	1	"	"	15-Jan-04	"	CR	
Lead	BRL	0.0038 mg/l	1	"	"	"	"	"	
Antimony	BRL	0.0060 mg/l	1	"	"	"	"	"	
Selenium	BRL	0.0075 mg/l	1	"	"	"	"	"	
Thallium	BRL	0.0050 mg/l	1	"	"	"	"	"	
Zinc	0.0242	0.0025 mg/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi-MW-7 (0104) SA07256-04	0013172	Aqueous	14-Jan-04 14:15	15-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
General Chemistry Parameters									
Hexavalent Chromium	0.009	0.005 mg/l	1	SM3500CrD/7196A	15-Jan-04 13:25	15-Jan-04	4010733	AJ	
pH	7.88	pH Units	1	EPA 150.1	15-Jan-04 13:40	15-Jan-04	4010765	RB	

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
tch 4010644 - Volatiles										
Blank (4010644-BLK1)				Prepared & Analyzed: 16-Jan-04						
Acetone	BRL	20.0	ug/l							
Acrylonitrile	BRL	1.00	ug/l							
Benzene	BRL	1.00	ug/l							
Bromobenzene	BRL	1.00	ug/l							
Bromochloromethane	BRL	1.00	ug/l							
Bromodichloromethane	BRL	1.00	ug/l							
Bromoform	BRL	1.00	ug/l							
Bromomethane	BRL	2.00	ug/l							
2-Butanone (MEK)	BRL	10.0	ug/l							
n-Butylbenzene	BRL	1.00	ug/l							
sec-Butylbenzene	BRL	1.00	ug/l							
tert-Butylbenzene	BRL	1.00	ug/l							
Carbon disulfide	BRL	5.00	ug/l							
Carbon tetrachloride	BRL	1.00	ug/l							
Chlorobenzene	BRL	1.00	ug/l							
Chloroethane	BRL	2.00	ug/l							
Chloroform	BRL	1.00	ug/l							
Chloromethane	BRL	2.00	ug/l							
2-Chlorotoluene	BRL	1.00	ug/l							
4-Chlorotoluene	BRL	1.00	ug/l							
1,2-Dibromo-3-chloropropane	BRL	2.00	ug/l							
Dibromochloromethane	BRL	1.00	ug/l							
1,2-Dibromoethane (EDB)	BRL	1.00	ug/l							
Dibromomethane	BRL	1.00	ug/l							
2-Dichlorobenzene	BRL	1.00	ug/l							
-Dichlorobenzene	BRL	1.00	ug/l							
-Dichlorobenzene	BRL	1.00	ug/l							
Dichlorodifluoromethane (Freon12)	BRL	2.00	ug/l							
1,1-Dichloroethane	BRL	1.00	ug/l							
1,2-Dichloroethane	BRL	1.00	ug/l							
1,1-Dichloroethene	BRL	1.00	ug/l							
cis-1,2-Dichloroethene	BRL	1.00	ug/l							
trans-1,2-Dichloroethene	BRL	1.00	ug/l							
1,2-Dichloropropane	BRL	1.00	ug/l							
1,3-Dichloropropane	BRL	1.00	ug/l							
2,2-Dichloropropane	BRL	1.00	ug/l							
1,1-Dichloropropene	BRL	1.00	ug/l							
cis-1,3-Dichloropropene	BRL	1.00	ug/l							
trans-1,3-Dichloropropene	BRL	1.00	ug/l							
Ethylbenzene	BRL	1.00	ug/l							
Hexachlorobutadiene	BRL	1.00	ug/l							
2-Hexanone (MBK)	BRL	10.0	ug/l							
Isopropylbenzene	BRL	1.00	ug/l							
4-Isopropyltoluene	BRL	1.00	ug/l							
Methyl tert-butyl ether	BRL	1.00	ug/l							
4-Methyl-2-pentanone (MIBK)	BRL	10.0	ug/l							
Methylene chloride	BRL	10.0	ug/l							
Naphthalene	BRL	1.00	ug/l							
n-Propylbenzene	BRL	1.00	ug/l							
Styrene	BRL	1.00	ug/l							
1,1,1,2-Tetrachloroethane	BRL	1.00	ug/l							
',2,2-Tetrachloroethane	BRL	1.00	ug/l							
etrachloroethene	BRL	1.00	ug/l							
ene	BRL	1.00	ug/l							

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
atch 4010644 - Volatiles										
Blank (4010644-BLK1)				Prepared & Analyzed: 16-Jan-04						
1,2,3-Trichlorobenzene	BRL	1.00	ug/l							
1,2,4-Trichlorobenzene	BRL	1.00	ug/l							
1,1,1-Trichloroethane	BRL	1.00	ug/l							
1,1,2-Trichloroethane	BRL	1.00	ug/l							
Trichloroethene	BRL	1.00	ug/l							
Trichlorofluoromethane (Freon 11)	BRL	1.00	ug/l							
1,2,3-Trichloropropane	BRL	1.00	ug/l							
1,2,4-Trimethylbenzene	BRL	1.00	ug/l							
1,3,5-Trimethylbenzene	BRL	1.00	ug/l							
Vinyl chloride	BRL	1.00	ug/l							
m,p-Xylene	BRL	2.00	ug/l							
o-Xylene	BRL	1.00	ug/l							
Surrogate: 4-Bromofluorobenzene	*28.1*		ug/l	*30.0*		*93.7*	*70-130*			
Surrogate: Toluene-d8	*29.7*		ug/l	*30.0*		*99.0*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*27.6*		ug/l	*30.0*		*92.0*	*70-130*			
Surrogate: Dibromofluoromethane	*29.4*		ug/l	*30.0*		*98.0*	*70-130*			
Matrix Spike (4010644-MS1)	Source: SA07247-09			Prepared & Analyzed: 16-Jan-04						
Benzene	19.8		ug/l	20.0	BRL	99.0	70-130			
Chlorobenzene	21.1		ug/l	20.0	BRL	106	70-130			
1,1-Dichloroethene	20.5		ug/l	20.0	BRL	102	70-130			
Toluene	19.8		ug/l	20.0	BRL	99.0	70-130			
Trichloroethene	22.4		ug/l	20.0	2.24	101	70-130			
Surrogate: 4-Bromofluorobenzene	*31.9*		ug/l	*30.0*		*106*	*70-130*			
urrogate: Toluene-d8	*29.8*		ug/l	*30.0*		*99.3*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*33.2*		ug/l	*30.0*		*111*	*70-130*			
Surrogate: Dibromofluoromethane	*31.2*		ug/l	*30.0*		*104*	*70-130*			
Matrix Spike Dup (4010644-MSD1)	Source: SA07247-09			Prepared & Analyzed: 16-Jan-04						
Benzene	20.2		ug/l	20.0	BRL	101	70-130	2.00	30	
Chlorobenzene	21.1		ug/l	20.0	BRL	106	70-130	0.00	30	
1,1-Dichloroethene	20.7		ug/l	20.0	BRL	104	70-130	1.94	30	
Toluene	19.8		ug/l	20.0	BRL	99.0	70-130	0.00	30	
Trichloroethene	21.8		ug/l	20.0	2.24	97.8	70-130	3.22	30	
Surrogate: 4-Bromofluorobenzene	*31.9*		ug/l	*30.0*		*106*	*70-130*			
Surrogate: Toluene-d8	*29.6*		ug/l	*30.0*		*98.7*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*32.7*		ug/l	*30.0*		*109*	*70-130*			
Surrogate: Dibromofluoromethane	*31.1*		ug/l	*30.0*		*104*	*70-130*			
Batch 4010768 - Volatiles										
Blank (4010768-BLK1)				Prepared & Analyzed: 16-Jan-04						
Acetone	BRL	20.0	ug/l							
Acrylonitrile	BRL	1.00	ug/l							
Benzene	BRL	1.00	ug/l							
Bromobenzene	BRL	1.00	ug/l							
Bromochloromethane	BRL	1.00	ug/l							
Bromodichloromethane	BRL	1.00	ug/l							
Bromoform	BRL	1.00	ug/l							
Bromomethane	BRL	2.00	ug/l							
2-Butanone (MEK)	BRL	10.0	ug/l							
n-Butylbenzene	BRL	1.00	ug/l							
c-Butylbenzene	BRL	1.00	ug/l							
t-Butylbenzene	BRL	1.00	ug/l							
Carbon disulfide	BRL	5.00	ug/l							
Carbon tetrachloride	BRL	1.00	ug/l							

This laboratory report is not valid without an authorized signature on the cover page.

*Reportable Detection Limit BRL = Below Reporting Limit

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010768 - Volatiles										
Blank (4010768-BLK1)				Prepared & Analyzed: 16-Jan-04						
Chlorobenzene	BRL	1.00	ug/l							
Chloroethane	BRL	2.00	ug/l							
Chloroform	BRL	1.00	ug/l							
Chloromethane	BRL	2.00	ug/l							
2-Chlorotoluene	BRL	1.00	ug/l							
4-Chlorotoluene	BRL	1.00	ug/l							
1,2-Dibromo-3-chloropropane	BRL	2.00	ug/l							
Dibromochloromethane	BRL	1.00	ug/l							
1,2-Dibromoethane (EDB)	BRL	1.00	ug/l							
Dibromomethane	BRL	1.00	ug/l							
1,2-Dichlorobenzene	BRL	1.00	ug/l							
1,3-Dichlorobenzene	BRL	1.00	ug/l							
1,4-Dichlorobenzene	BRL	1.00	ug/l							
Dichlorodifluoromethane (Freon12)	BRL	2.00	ug/l							
1,1-Dichloroethane	BRL	1.00	ug/l							
1,2-Dichloroethane	BRL	1.00	ug/l							
1,1-Dichloroethene	BRL	1.00	ug/l							
cis-1,2-Dichloroethene	BRL	1.00	ug/l							
trans-1,2-Dichloroethene	BRL	1.00	ug/l							
1,2-Dichloropropane	BRL	1.00	ug/l							
1,3-Dichloropropane	BRL	1.00	ug/l							
2,2-Dichloropropane	BRL	1.00	ug/l							
1,1-Dichloropropene	BRL	1.00	ug/l							
cis-1,3-Dichloropropene	BRL	1.00	ug/l							
trans-1,3-Dichloropropene	BRL	1.00	ug/l							
ylbenzene	BRL	1.00	ug/l							
xachlorobutadiene	BRL	1.00	ug/l							
2-Hexanone (MBK)	BRL	10.0	ug/l							
Isopropylbenzene	BRL	1.00	ug/l							
4-Isopropyltoluene	BRL	1.00	ug/l							
Methyl tert-butyl ether	BRL	1.00	ug/l							
4-Methyl-2-pentanone (MIBK)	BRL	10.0	ug/l							
Methylene chloride	BRL	10.0	ug/l							
Naphthalene	BRL	1.00	ug/l							
n-Propylbenzene	BRL	1.00	ug/l							
Styrene	BRL	1.00	ug/l							
1,1,1,2-Tetrachloroethane	BRL	1.00	ug/l							
1,1,2,2-Tetrachloroethane	BRL	1.00	ug/l							
Tetrachloroethene	BRL	1.00	ug/l							
Toluene	BRL	1.00	ug/l							
1,2,3-Trichlorobenzene	BRL	1.00	ug/l							
1,2,4-Trichlorobenzene	BRL	1.00	ug/l							
1,1,1-Trichloroethane	BRL	1.00	ug/l							
1,1,2-Trichloroethane	BRL	1.00	ug/l							
Trichloroethene	BRL	1.00	ug/l							
Trichlorofluoromethane (Freon 11)	BRL	1.00	ug/l							
1,2,3-Trichloropropane	BRL	1.00	ug/l							
1,2,4-Trimethylbenzene	BRL	1.00	ug/l							
1,3,5-Trimethylbenzene	BRL	1.00	ug/l							
Vinyl chloride	BRL	1.00	ug/l							
m,p-Xylene	BRL	2.00	ug/l							
o-Xylene	BRL	1.00	ug/l							
Surrogate: 4-Bromofluorobenzene	*52.4*		ug/l	*50.0*		*105*	*70-130*			
Surrogate: Toluene-d8	*51.1*		ug/l	*50.0*		*102*	*70-130*			

This laboratory report is not valid without an authorized signature on the cover page.

*Reportable Detection Limit BRL = Below Reporting Limit

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
atch 4010768 - Volatiles										
Blank (4010768-BLK1)				Prepared & Analyzed: 16-Jan-04						
Surrogate: 1,2-Dichloroethane-d4	*53.6*		ug/l	*50.0*		*107*	*70-130*			
Surrogate: Dibromofluoromethane	*49.4*		ug/l	*50.0*		*98.8*	*70-130*			
Matrix Spike (4010768-MS1)		Source: SA07265-03		Prepared & Analyzed: 16-Jan-04						
Benzene	17.0		ug/l	20.0	BRL	85.0	70-130			
Chlorobenzene	18.1		ug/l	20.0	BRL	90.5	70-130			
1,1-Dichloroethene	20.6		ug/l	20.0	BRL	103	70-130			
Toluene	18.3		ug/l	20.0	BRL	91.5	70-130			
Trichloroethene	18.0		ug/l	20.0	BRL	90.0	70-130			
Surrogate: 4-Bromofluorobenzene	*48.8*		ug/l	*50.0*		*97.6*	*70-130*			
Surrogate: Toluene-d8	*50.9*		ug/l	*50.0*		*102*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*55.8*		ug/l	*50.0*		*112*	*70-130*			
Surrogate: Dibromofluoromethane	*49.6*		ug/l	*50.0*		*99.2*	*70-130*			
Matrix Spike Dup (4010768-MSD1)		Source: SA07265-03		Prepared & Analyzed: 16-Jan-04						
Benzene	17.0		ug/l	20.0	BRL	85.0	70-130	0.00	30	
Chlorobenzene	18.0		ug/l	20.0	BRL	90.0	70-130	0.554	30	
1,1-Dichloroethene	17.7		ug/l	20.0	BRL	88.5	70-130	15.1	30	
Toluene	18.6		ug/l	20.0	BRL	93.0	70-130	1.63	30	
Trichloroethene	17.8		ug/l	20.0	BRL	89.0	70-130	1.12	30	
Surrogate: 4-Bromofluorobenzene	*49.2*		ug/l	*50.0*		*98.4*	*70-130*			
Surrogate: Toluene-d8	*51.9*		ug/l	*50.0*		*104*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*53.8*		ug/l	*50.0*		*108*	*70-130*			
Surrogate: Dibromofluoromethane	*48.6*		ug/l	*50.0*		*97.2*	*70-130*			

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
tch 4010696 - SW846 3535										
Blank (4010696-BLK1)				Prepared: 15-Jan-04 Analyzed: 16-Jan-04						
PCB 1016	BRL	0.100	ug/l							
PCB 1221	BRL	0.100	ug/l							
PCB 1232	BRL	0.100	ug/l							
PCB 1242	BRL	0.100	ug/l							
PCB 1248	BRL	0.100	ug/l							
PCB 1254	BRL	0.100	ug/l							
PCB 1260	BRL	0.100	ug/l							
PCB 1262	BRL	0.100	ug/l							
PCB 1268	BRL	0.100	ug/l							
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.173*		ug/l	*0.200*		*86.5*	*40-140*			
Surrogate: Decachlorobiphenyl (Sr)	*0.128*		ug/l	*0.200*		*64.0*	*40-140*			
Duplicate (4010696-DUP1)		Source: SA07072-01		Prepared: 15-Jan-04 Analyzed: 16-Jan-04						
PCB 1016	BRL	0.100	ug/l		BRL				40	
PCB 1221	BRL	0.100	ug/l		BRL				40	
PCB 1232	BRL	0.100	ug/l		BRL				40	
PCB 1242	BRL	0.100	ug/l		BRL				40	
PCB 1248	BRL	0.100	ug/l		BRL				40	
PCB 1254	BRL	0.100	ug/l		BRL				40	
PCB 1260	BRL	0.100	ug/l		BRL				40	
PCB 1262	BRL	0.100	ug/l		BRL				40	
PCB 1268	BRL	0.100	ug/l		BRL				40	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.182*		ug/l	*0.200*		*91.0*	*40-140*			
Surrogate: Decachlorobiphenyl (Sr)	*0.135*		ug/l	*0.200*		*67.5*	*40-140*			

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
atch 4010697 - SW846 3535										
Blank (4010697-BLK1)				Prepared: 15-Jan-04 Analyzed: 16-Jan-04						
Acenaphthene	BRL	5.00	ug/l							
Acenaphthylene	BRL	5.00	ug/l							
Aniline	BRL	5.00	ug/l							
Anthracene	BRL	5.00	ug/l							
Azobenzene/Diphenyldiazine	BRL	5.00	ug/l							
Benzidine	BRL	5.00	ug/l							
Benzo (a) anthracene	BRL	5.00	ug/l							
Benzo (a) pyrene	BRL	5.00	ug/l							
Benzo (b) fluoranthene	BRL	5.00	ug/l							
Benzo (g,h,i) perylene	BRL	5.00	ug/l							
Benzo (k) fluoranthene	BRL	5.00	ug/l							
Benzoic acid	BRL	5.00	ug/l							
Benzyl alcohol	BRL	5.00	ug/l							
Bis(2-chloroethoxy)methane	BRL	5.00	ug/l							
Bis(2-chloroethyl)ether	BRL	5.00	ug/l							
Bis(2-chloroisopropyl)ether	BRL	5.00	ug/l							
Bis(2-ethylhexyl)phthalate	BRL	5.00	ug/l							
4-Bromophenyl phenyl ether	BRL	5.00	ug/l							
Butyl benzyl phthalate	BRL	5.00	ug/l							
Carbazole	BRL	5.00	ug/l							
4-Chloro-3-methylphenol	BRL	5.00	ug/l							
4-Chloroaniline	BRL	5.00	ug/l							
2-Chloronaphthalene	BRL	5.00	ug/l							
2-Chlorophenol	BRL	5.00	ug/l							
-Chlorophenyl phenyl ether	BRL	5.00	ug/l							
Chrysene	BRL	5.00	ug/l							
Dibenzo (a,h) anthracene	BRL	5.00	ug/l							
Dibenzofuran	BRL	5.00	ug/l							
1,2-Dichlorobenzene	BRL	5.00	ug/l							
1,3-Dichlorobenzene	BRL	5.00	ug/l							
1,4-Dichlorobenzene	BRL	5.00	ug/l							
3,3'-Dichlorobenzidine	BRL	5.00	ug/l							
2,4-Dichlorophenol	BRL	5.00	ug/l							
Diethyl phthalate	BRL	5.00	ug/l							
Dimethyl phthalate	BRL	5.00	ug/l							
2,4-Dimethylphenol	BRL	5.00	ug/l							
Di-n-butyl phthalate	BRL	5.00	ug/l							
4,6-Dinitro-2-methylphenol	BRL	5.00	ug/l							
2,4-Dinitrophenol	BRL	5.00	ug/l							
2,4-Dinitrotoluene	BRL	5.00	ug/l							
2,6-Dinitrotoluene	BRL	5.00	ug/l							
Di-n-octyl phthalate	BRL	5.00	ug/l							
Fluoranthene	BRL	5.00	ug/l							
Fluorene	BRL	5.00	ug/l							
Hexachlorobenzene	BRL	5.00	ug/l							
Hexachlorobutadiene	BRL	5.00	ug/l							
Hexachlorocyclopentadiene	BRL	5.00	ug/l							
Hexachloroethane	BRL	5.00	ug/l							
Indeno (1,2,3-cd) pyrene	BRL	5.00	ug/l							
1-Methylnaphthalene	BRL	5.00	ug/l							
Isophorone	BRL	5.00	ug/l							
Methylnaphthalene	BRL	5.00	ug/l							
2-Methylphenol	BRL	5.00	ug/l							
3-Methylphenol	BRL	5.00	ug/l							

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
tch 4010697 - SW846 3535										
Blank (4010697-BLK1)				Prepared: 15-Jan-04 Analyzed: 16-Jan-04						
4-Methylphenol	BRL	5.00	ug/l							
Naphthalene	BRL	5.00	ug/l							
2-Nitroaniline	BRL	5.00	ug/l							
3-Nitroaniline	BRL	5.00	ug/l							
4-Nitroaniline	BRL	5.00	ug/l							
Nitrobenzene	BRL	5.00	ug/l							
2-Nitrophenol	BRL	5.00	ug/l							
4-Nitrophenol	BRL	5.00	ug/l							
N-Nitrosodimethylamine	BRL	5.00	ug/l							
N-Nitrosodi-n-propylamine	BRL	5.00	ug/l							
N-Nitrosodiphenylamine	BRL	5.00	ug/l							
Pentachlorophenol	BRL	5.00	ug/l							
Phenanthrene	BRL	5.00	ug/l							
Phenol	BRL	5.00	ug/l							
Pyrene	BRL	5.00	ug/l							
Pyridine	BRL	5.00	ug/l							
1,2,4-Trichlorobenzene	BRL	5.00	ug/l							
2,4,5-Trichlorophenol	BRL	5.00	ug/l							
2,4,6-Trichlorophenol	BRL	5.00	ug/l							
Surrogate: 2-Fluorobiphenyl	*59.0*		ug/l	*100*		*59.0*	*30-130*			
Surrogate: 2-Fluorophenol	*58.5*		ug/l	*100*		*58.5*	*15-110*			
Surrogate: Nitrobenzene-d5	*53.5*		ug/l	*100*		*53.5*	*30-130*			
Surrogate: Phenol-d5	*56.6*		ug/l	*100*		*56.6*	*15-110*			
Surrogate: Terphenyl-dl4	*59.6*		ug/l	*100*		*59.6*	*30-130*			
Surrogate: 2,4,6-Tribromophenol	*53.4*		ug/l	*100*		*53.4*	*15-110*			
iplicate (4010697-DUP1)			Source: SA07072-01	Prepared: 15-Jan-04 Analyzed: 16-Jan-04						
Acenaphthene	BRL	5.00	ug/l		BRL				50	
Acenaphthylene	BRL	5.00	ug/l		BRL				50	
Aniline	BRL	5.00	ug/l		BRL				50	
Anthracene	BRL	5.00	ug/l		BRL				50	
Azobenzene/Diphenyldiazine	BRL	5.00	ug/l		BRL				50	
Benzidine	BRL	5.00	ug/l		BRL				50	
Benzo (a) anthracene	BRL	5.00	ug/l		BRL				50	
Benzo (a) pyrene	BRL	5.00	ug/l		BRL				50	
Benzo (b) fluoranthene	BRL	5.00	ug/l		BRL				50	
Benzo (g,h,i) perylene	BRL	5.00	ug/l		BRL				50	
Benzo (k) fluoranthene	BRL	5.00	ug/l		BRL				50	
Benzoic acid	BRL	5.00	ug/l		BRL				50	
Benzyl alcohol	BRL	5.00	ug/l		2.29			7.16	50	
Bis(2-chloroethoxy)methane	BRL	5.00	ug/l		0.160			22.2	50	
Bis(2-chloroethyl)ether	BRL	5.00	ug/l		BRL				50	
Bis(2-chloroisopropyl)ether	BRL	5.00	ug/l		BRL				50	
Bis(2-ethylhexyl)phthalate	BRL	5.00	ug/l		BRL				50	
4-Bromophenyl phenyl ether	BRL	5.00	ug/l		BRL				50	
Butyl benzyl phthalate	BRL	5.00	ug/l		BRL				50	
Carbazole	BRL	5.00	ug/l		BRL				50	
4-Chloro-3-methylphenol	BRL	5.00	ug/l		BRL				50	
4-Chloroaniline	BRL	5.00	ug/l		BRL				50	
2-Chloronaphthalene	BRL	5.00	ug/l		BRL				50	
2-Chlorophenol	BRL	5.00	ug/l		BRL				50	
-Chlorophenyl phenyl ether	BRL	5.00	ug/l		BRL				50	
Chrysene	BRL	5.00	ug/l		BRL				50	
henzo (a,h) anthracene	BRL	5.00	ug/l		BRL				50	

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010697 - SW846 3535										
Duplicate (4010697-DUP1)	Source: SA07072-01			Prepared: 15-Jan-04 Analyzed: 16-Jan-04						
Dibenzofuran	BRL	5.00	ug/l		BRL				50	
1,2-Dichlorobenzene	BRL	5.00	ug/l		BRL				50	
1,3-Dichlorobenzene	BRL	5.00	ug/l		BRL				50	
1,4-Dichlorobenzene	BRL	5.00	ug/l		BRL				50	
3,3'-Dichlorobenzidine	BRL	5.00	ug/l		BRL				50	
2,4-Dichlorophenol	BRL	5.00	ug/l		BRL				50	
Diethyl phthalate	BRL	5.00	ug/l		BRL				50	
Dimethyl phthalate	BRL	5.00	ug/l		BRL				50	
2,4-Dimethylphenol	BRL	5.00	ug/l		BRL				50	
Di-n-butyl phthalate	BRL	5.00	ug/l		BRL				50	
4,6-Dinitro-2-methylphenol	BRL	5.00	ug/l		BRL				50	
2,4-Dinitrophenol	BRL	5.00	ug/l		BRL				50	
2,4-Dinitrotoluene	BRL	5.00	ug/l		BRL				50	
2,6-Dinitrotoluene	BRL	5.00	ug/l		BRL				50	
Di-n-octyl phthalate	BRL	5.00	ug/l		BRL				50	
Fluoranthene	BRL	5.00	ug/l		BRL				50	
Fluorene	BRL	5.00	ug/l		BRL				50	
Hexachlorobenzene	BRL	5.00	ug/l		BRL				50	
Hexachlorobutadiene	BRL	5.00	ug/l		BRL				50	
Hexachlorocyclopentadiene	BRL	5.00	ug/l		BRL				50	
Hexachloroethane	BRL	5.00	ug/l		BRL				50	
Indeno (1,2,3-cd) pyrene	BRL	5.00	ug/l		BRL				50	
1-Methylnaphthalene	BRL	5.00	ug/l		BRL				200	
Isophorone	BRL	5.00	ug/l		BRL				50	
2-Methylnaphthalene	BRL	5.00	ug/l		BRL				50	
2-Methylphenol	BRL	5.00	ug/l		BRL				50	
3-Methylphenol	BRL	5.00	ug/l		BRL				50	
4-Methylphenol	BRL	5.00	ug/l		BRL				50	
Naphthalene	BRL	5.00	ug/l		0.267			24.9	50	
2-Nitroaniline	BRL	5.00	ug/l		BRL				50	
3-Nitroaniline	BRL	5.00	ug/l		BRL				50	
4-Nitroaniline	BRL	5.00	ug/l		BRL				50	
Nitrobenzene	BRL	5.00	ug/l		BRL				50	
2-Nitrophenol	BRL	5.00	ug/l		BRL				50	
4-Nitrophenol	BRL	5.00	ug/l		BRL				50	
N-Nitrosodimethylamine	BRL	5.00	ug/l		BRL				50	
N-Nitrosodi-n-propylamine	BRL	5.00	ug/l		BRL				50	
N-Nitrosodiphenylamine	BRL	5.00	ug/l		BRL				50	
Pentachlorophenol	BRL	5.00	ug/l		BRL				50	
Phenanthrene	BRL	5.00	ug/l		BRL				50	
Phenol	BRL	5.00	ug/l		BRL				50	
Pyrene	BRL	5.00	ug/l		BRL				50	
Pyridine	BRL	5.00	ug/l		BRL				50	
1,2,4-Trichlorobenzene	BRL	5.00	ug/l		BRL				50	
2,4,5-Trichlorophenol	BRL	5.00	ug/l		BRL				50	
2,4,6-Trichlorophenol	BRL	5.00	ug/l		BRL				50	
Surrogate: 2-Fluorobiphenyl	*113*		ug/l	*143*		*79.0*	*30-130*			
Surrogate: 2-Fluorophenol	*96.4*		ug/l	*143*		*67.4*	*15-110*			
Surrogate: Nitrobenzene-d5	*110*		ug/l	*143*		*76.9*	*30-130*			
Surrogate: Phenol-d5	*97.8*		ug/l	*143*		*68.4*	*15-110*			
Surrogate: Terphenyl-dl4	*102*		ug/l	*143*		*71.3*	*30-130*			
urrogate: 2,4,6-Tribromophenol	*100*		ug/l	*143*		*69.9*	*15-110*			

Total Metals by EPA 200 Series Methods - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
tch 4010727 - EPA200/SW7000 Series										
Blank (4010727-BLK1)				Prepared: 15-Jan-04 Analyzed: 16-Jan-04						
Mercury	BRL	0.00040	mg/l							
LCS (4010727-BS1)				Prepared: 15-Jan-04 Analyzed: 16-Jan-04						
Mercury	0.00486	0.00040	mg/l	0.00500		97.2	80-120			
Duplicate (4010727-DUP1)	Source: SA07256-02			Prepared: 15-Jan-04 Analyzed: 16-Jan-04						
Mercury	BRL	0.00040	mg/l		BRL				20	
Matrix Spike (4010727-MS1)	Source: SA07011-01			Prepared: 15-Jan-04 Analyzed: 16-Jan-04						
Mercury	0.00472	0.00040	mg/l	0.00500	0.00118	70.8	75-125			QM-07
Matrix Spike Dup (4010727-MSD1)	Source: SA07011-01			Prepared: 15-Jan-04 Analyzed: 16-Jan-04						
Mercury	0.00495	0.00040	mg/l	0.00500	0.00118	75.4	75-125	4.76	20	
Batch 4010728 - EPA 200 Series										
Blank (4010728-BLK1)				Prepared & Analyzed: 15-Jan-04						
Antimony	BRL	0.0060	mg/l							
Iron	BRL	0.0440	mg/l							
Lead	BRL	0.0025	mg/l							
Magnesium	BRL	0.0125	mg/l							
Manganese	BRL	0.0350	mg/l							
Nickel	BRL	0.0025	mg/l							
Potassium	0.0511	0.0500	mg/l							QB-01
Selenium	BRL	0.0075	mg/l							
Sodium	BRL	0.900	mg/l							
Thallium	BRL	0.0050	mg/l							
Zinc	BRL	0.0025	mg/l							
Aluminum	BRL	0.0075	mg/l							
Arsenic	BRL	0.0040	mg/l							
Barium	BRL	0.0025	mg/l							
Beryllium	BRL	0.0010	mg/l							
Cadmium	BRL	0.0012	mg/l							
Calcium	BRL	0.0250	mg/l							
Chromium	BRL	0.0025	mg/l							
Cobalt	BRL	0.0025	mg/l							
Copper	BRL	0.0025	mg/l							
Silver	BRL	0.0050	mg/l							
LCS (4010728-BS1)				Prepared & Analyzed: 15-Jan-04						
Antimony	0.493	0.0060	mg/l	0.500		98.6	85-115			
Iron	0.468	0.0025	mg/l	0.500		93.6	85-115			
Lead	0.457	0.0038	mg/l	0.500		91.4	85-115			
Magnesium	0.465	0.0125	mg/l	0.500		93.0	85-115			
Manganese	0.466	0.0005	mg/l	0.500		93.2	85-115			
Nickel	0.462	0.0025	mg/l	0.500		92.4	85-115			
Potassium	4.59	0.0500	mg/l	5.00		91.8	85-115			
Selenium	0.567	0.0075	mg/l	0.500		113	85-115			
Sodium	0.466	0.0050	mg/l	0.500		93.2	85-115			
Thallium	0.447	0.0050	mg/l	0.500		89.4	85-115			
Zinc	0.532	0.0025	mg/l	0.500		106	85-115			
Aluminum	0.478	0.0075	mg/l	0.500		95.6	85-115			
Arsenic	0.522	0.0040	mg/l	0.500		104	85-115			
Barium	0.430	0.0025	mg/l	0.500		86.0	85-115			
Beryllium	0.485	0.0010	mg/l	0.500		97.0	85-115			
Cadmium	0.490	0.0012	mg/l	0.500		98.0	85-115			
Calcium	0.470	0.0500	mg/l	0.500		94.0	85-115			
Chromium	0.437	0.0025	mg/l	0.500		87.4	85-115			

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*Reportable Detection Limit BRL = Below Reporting Limit

Total Metals by EPA 200 Series Methods - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
atch 4010728 - EPA 200 Series										
LCS (4010728-BS1)				Prepared & Analyzed: 15-Jan-04						
Cobalt	0.448	0.0025	mg/l	0.500		89.6	85-115			
Copper	0.466	0.0025	mg/l	0.500		93.2	85-115			
Silver	0.213	0.0050	mg/l	0.250		85.2	85-115			
Duplicate (4010728-DUP1)		Source: SA07040-10		Prepared & Analyzed: 15-Jan-04						
Antimony	BRL	0.0060	mg/l		BRL				20	
Iron	0.236	0.0025	mg/l		0.239			1.26	200	
Lead	BRL	0.0038	mg/l		BRL				200	
Magnesium	1.41	0.0125	mg/l		1.41			0.00	200	
Nickel	BRL	0.0025	mg/l		0.0010			40.0	200	
Potassium	0.670	0.0500	mg/l		0.676			0.892	200	
Selenium	BRL	0.0075	mg/l		BRL				200	
Sodium	16.1	0.0250	mg/l		16.0			0.623	200	
Thallium	BRL	0.0050	mg/l		BRL				20	
Zinc	0.0036	0.0025	mg/l		0.0044			20.0	200	
Aluminum	0.133	0.0075	mg/l		0.128			3.83	200	
Arsenic	BRL	0.0044	mg/l		BRL				20	
Barium	0.0105	0.0025	mg/l		0.0104			0.957	200	
Beryllium	BRL	0.0010	mg/l		BRL				200	
Cadmium	BRL	0.0012	mg/l		BRL				20	
Calcium	9.90	0.0250	mg/l		9.80			1.02	200	
Chromium	BRL	0.0025	mg/l		BRL				200	
Cobalt	BRL	0.0025	mg/l		0.0002				200	
Copper	BRL	0.0025	mg/l		0.0021			4.88	200	
Silver	BRL	0.0050	mg/l		BRL				20	
Duplicate (4010728-DUP2)		Source: SA07256-02		Prepared & Analyzed: 15-Jan-04						
Antimony	BRL	0.0060	mg/l		BRL				20	
Iron	2.11	0.0025	mg/l		2.45			14.9	200	
Lead	0.0157	0.0038	mg/l		0.0163			3.75	200	
Magnesium	19.8	0.0125	mg/l		20.1			1.50	200	
Manganese	0.163	0.0005	mg/l		0.168			3.02	200	
Nickel	0.0132	0.0025	mg/l		0.0136			2.99	200	
Potassium	6.80	0.0500	mg/l		6.41			5.90	200	
Selenium	BRL	0.0075	mg/l		BRL				200	
Sodium	190	0.500	mg/l		182			4.30	200	
Thallium	BRL	0.0050	mg/l		BRL				20	
Zinc	0.0143	0.0025	mg/l		0.0204			35.2	200	
Aluminum	1.32	0.0075	mg/l		1.44			8.70	200	
Arsenic	BRL	0.0040	mg/l		BRL				20	
Barium	0.0878	0.0025	mg/l		0.0908			3.36	200	
Beryllium	BRL	0.0010	mg/l		BRL				200	
Cadmium	BRL	0.0012	mg/l		0.0002			0.00	20	
Calcium	109	0.500	mg/l		111			1.82	200	
Chromium	0.0037	0.0025	mg/l		0.0042			12.7	200	
Cobalt	BRL	0.0025	mg/l		0.0014			6.90	200	
Copper	0.0031	0.0025	mg/l		0.0052			50.6	200	
Silver	BRL	0.0050	mg/l		BRL				20	
Matrix Spike (4010728-MS1)		Source: SA07040-09		Prepared & Analyzed: 15-Jan-04						
Antimony	0.0925	0.0060	mg/l	0.100	BRL	92.5	70-130			
Iron	0.401	0.0025	mg/l	0.100	0.306	95.0	70-130			
Lead	0.0906	0.0038	mg/l	0.100	BRL	90.6	70-130			
Magnesium	1.97	0.0125	mg/l	0.100	1.89	80.0	70-130			
Manganese	0.133	0.0005	mg/l	0.100	0.0448	88.2	70-130			
Nickel	0.0921	0.0025	mg/l	0.100	0.0021	90.0	70-130			

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*Reportable Detection Limit BRL = Below Reporting Limit

Total Metals by EPA 200 Series Methods - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
tch 4010728 - EPA 200 Series										
Matrix Spike (4010728-MS1)	Source: SA07040-09			Prepared & Analyzed: 15-Jan-04						
Potassium	1.37	0.0500	mg/l	1.00	0.758	61.2	70-130			QM-02
Selenium	0.110	0.0075	mg/l	0.100	BRL	110	70-130			
Sodium	18.6	0.0250	mg/l	0.100	18.8	NR	70-130			QM-02
Thallium	0.0887	0.0050	mg/l	0.100	BRL	88.7	70-130			
Zinc	0.111	0.0025	mg/l	0.100	0.0041	107	70-130			
Aluminum	0.250	0.0075	mg/l	0.100	0.130	120	70-130			
Arsenic	0.103	0.0040	mg/l	0.100	0.0024	101	70-130			
Barium	0.104	0.0025	mg/l	0.100	0.0185	85.5	70-130			
Beryllium	0.0954	0.0010	mg/l	0.100	BRL	95.4	70-130			
Cadmium	0.0951	0.0012	mg/l	0.100	BRL	95.1	70-130			
Calcium	8.90	0.0250	mg/l	0.100	8.87	30.0	70-130			QM-02
Chromium	0.0872	0.0025	mg/l	0.100	BRL	87.2	70-130			
Cobalt	0.0890	0.0025	mg/l	0.100	0.0004	88.6	70-130			
Copper	0.0921	0.0025	mg/l	0.100	0.0019	90.2	70-130			
Silver	0.0434	0.0050	mg/l	0.0500	BRL	86.8	70-130			
Matrix Spike (4010728-MS2)	Source: SA07012-01			Prepared & Analyzed: 15-Jan-04						
Antimony	0.0863	0.0060	mg/l	0.100	BRL	86.3	70-130			
Iron	0.182	0.0025	mg/l	0.100	0.141	41.0	70-130			QM-07
Lead	0.0805	0.0038	mg/l	0.100	BRL	80.5	70-130			
Magnesium	2.81	0.0125	mg/l	0.100	2.64	170	70-130			QM-02
Manganese	0.115	0.0005	mg/l	0.100	0.0327	82.3	70-130			
Nickel	0.0838	0.0025	mg/l	0.100	0.0012	82.6	70-130			
Potassium	1.55	0.0500	mg/l	1.00	0.928	62.2	70-130			QM-02
elenium	0.101	0.0075	mg/l	0.100	0.0042	96.8	70-130			
odium	21.4	0.0250	mg/l	0.100	20.9	500	70-130			QM-02
allium	0.0812	0.0050	mg/l	0.100	BRL	81.2	70-130			
Zinc	0.104	0.0025	mg/l	0.100	0.0147	89.3	70-130			
Aluminum	0.225	0.0075	mg/l	0.100	0.143	82.0	70-130			
Arsenic	0.0920	0.0040	mg/l	0.100	0.0027	89.3	70-130			
Barium	0.110	0.0025	mg/l	0.100	0.0316	78.4	70-130			
Beryllium	0.0873	0.0010	mg/l	0.100	BRL	87.3	70-130			
Cadmium	0.0866	0.0012	mg/l	0.100	BRL	86.6	70-130			
Calcium	11.4	0.0250	mg/l	0.100	11.1	300	70-130			QM-02
Chromium	0.0786	0.0025	mg/l	0.100	BRL	78.6	70-130			
Cobalt	0.0803	0.0025	mg/l	0.100	0.0004	79.9	70-130			
Copper	0.0848	0.0025	mg/l	0.100	0.0057	79.1	70-130			
Silver	0.0399	0.0050	mg/l	0.0500	BRL	79.8	70-130			

General Chemistry Parameters - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010733 - General Preparation										
Blank (4010733-BLK1)				Prepared & Analyzed: 15-Jan-04						
Hexavalent Chromium	BRL	0.005	mg/l							
LCS (4010733-BS1)				Prepared & Analyzed: 15-Jan-04						
Hexavalent Chromium	0.051	0.005	mg/l	0.0500		102	90-110			
Duplicate (4010733-DUP1)	Source: SA07256-03			Prepared & Analyzed: 15-Jan-04						
Hexavalent Chromium	BRL	0.010	mg/l		BRL				20	
Matrix Spike (4010733-MS1)	Source: SA07256-03			Prepared & Analyzed: 15-Jan-04						
Hexavalent Chromium	0.110	0.010	mg/l	0.100	BRL	110	80-120			
Reference (4010733-SRM1)				Prepared & Analyzed: 15-Jan-04						
Hexavalent Chromium	0.028	0.005	mg/l	0.0250		112	85-115			
Batch 4010765 - General Preparation										
Duplicate (4010765-DUP1)	Source: SA07250-01			Prepared & Analyzed: 15-Jan-04						
pH	7.46		pH Units		7.45			0.134	20	
Batch 4010789 - General Preparation										
Blank (4010789-BLK1)				Prepared & Analyzed: 16-Jan-04						
Cyanide (total)	BRL	0.0100	mg/l							
LCS (4010789-BS1)				Prepared & Analyzed: 16-Jan-04						
Cyanide (total)	0.297	0.0100	mg/l	0.300		99.0	90-110			
Matrix Spike (4010789-MS1)	Source: SA07047-03			Prepared & Analyzed: 16-Jan-04						
Cyanide (total)	0.354	0.0100	mg/l	0.300	BRL	118	75-125			
Matrix Spike Dup (4010789-MSD1)	Source: SA07047-03			Prepared & Analyzed: 16-Jan-04						
Cyanide (total)	0.318	0.0100	mg/l	0.300	BRL	106	75-125	10.7	20	
Reference (4010789-SRM1)				Prepared & Analyzed: 16-Jan-04						
Cyanide (total)	0.283	0.0100	mg/l	0.304		93.1	71-129			

Notes and Definitions

QB-01	The method blank contains analyte at a concentration above the MRL; however, concentration is less than 10% of the sample result, which is negligible according to method criteria.
C-1	Analyte out of acceptance range.
QM-02	The RPD and/or percent recovery for this QC spike sample cannot be accurately calculated due to the high concentration of analyte inherent in the sample.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
R-01	The Reporting Limit for this analyte has been raised to account for matrix interference.
BRL	Below Reporting Limit - Analyte NOT DETECTED at or above the reporting limit
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. The RDL is generally 5 to 10 times the MDL. However, it may be nominally chosen within these guidelines to simplify data reporting. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Validated by:
Hanibal C. Tayeh, Ph.D.
Nicole Brown

SA07256 (rr)

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

ERM - STANDARD
CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: _____
- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Ed Hinchey
ERM
5788 Widewaters
DeWitt, NY 13214
Project Mgr.: Ed Hinchey

Invoice To: Same
iav - 24010463
cwd - 24010464
P.O. No.: 0013172 RQN: _____

Project No.: ~~006~~ 0013172
Site Name: Axiohm
Location: Ithaca, ~~NY~~ State: NY
Sampler(s): Christ Winterlich

1=Na_2S2O_3 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH_3OH 8= $NaHSO_3$ 9= ice 10= _____

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1= _____ X2= _____ X3= _____

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: VOCs 8260	SVOCs 8270	TAL Metals	Cyanide	Hexchrome	PH	PCBs	(*PCBs, PH, HexChrome)	OA Reporting Notes: (check if needed)
SA07256-01	Axi-TB (010104)	14 Jan 04	0800	-	-	2	1												
-02	Axi-MW-6 (0104)		0830	G	GW	2,4,9	2	2		1	X	X	X					X	(*) PCBs, PH, Hexchrome in 500 ml Amber Glass
-03	Axi-MW-1 (0104)		1330	G	GW	2,4,5,9	2	2		4	X	X	X	X	X	X			Cyanide, pH & Hexchrom
-04	Axi-MW-7 (0104)		14:15	G	GW	2,4,9	2	2		1	X	X	X					X	on MW-1 because it is expired per Nancy Reese

☒ Fax results when available to (315) 445-2543
☐ E-mail to _____
EDD Format _____
Condition upon receipt: ☐ Iced ☐ Ambient ☐ °C 2

Relinquished by:	Received by:	Date:	Time:
Christopher Winterlich	[signature]	14 Jan 04	1800
[signature]	[signature]	1/15/04	10:00

Report Date:
20-Jan-04 16:13

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

Laboratory Report

Environmental Resources Management
5788 Widewaters Pkwy
Dewitt, NY 13214
Attn: Ed Hinchey

Project:Axiohm - Ithaca, NY
Project #:0013172

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA07307-01	Axi-MW-2 (0104)	Ground Water	14-Jan-04 20:20	16-Jan-04 09:30
SA07307-02	Axi-MW-8 (0104)	Ground Water	14-Jan-04 21:15	16-Jan-04 09:30
SA07307-03	Axi-MW-9 (0104)	Ground Water	15-Jan-04 08:40	16-Jan-04 09:30
SA07307-04	Axi-MW-12 (0104)	Ground Water	15-Jan-04 12:45	16-Jan-04 09:30
SA07307-05	Axi-MW-13 (0104)	Ground Water	15-Jan-04 10:35	16-Jan-04 09:30
SA07307-06	Axi-MW-14 (0104)	Ground Water	14-Jan-04 19:00	16-Jan-04 09:30
SA07307-07	Axi-MW-15 (0104)	Ground Water	15-Jan-04 11:20	16-Jan-04 09:30
SA07307-08	Axi-TB (150104)	Aqueous	15-Jan-04 14:00	16-Jan-04 09:30
SA07307-09	Axi-H2O Tank	Storage Tank	15-Jan-04 14:50	16-Jan-04 09:30

I attest that all information contained within this report has been reviewed for accuracy and checked against all quality control requirements outlined in each applicable method and meet the requirements of NELAC.
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Massachusetts Certification # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87600
Maine # MA138
New Hampshire # 2538
New York # 11393
Rhode Island # 98
USDA # S-51435

ACCREDITED IN ACCORDANCE WITH nelac

Authorized by:

Hanibal C. Tayeh, Ph.D.
President/Laboratory Director

Please refer to our "Quality" webpage at www.spectrum-analytical.com for a full listing of our current certifications.

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi-MW-2 (0104) SA07307-01	0013172	Ground Water	14-Jan-04 20:20	16-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Acetone	BRL	20.0 ug/l	1	SW 846 8260B	16-Jan-04	17-Jan-04	4010793	KL	
Acrylonitrile	BRL	1.00 ug/l	1	"	"	"	"	"	
Benzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromodichloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromoform	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromomethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Butanone (MEK)	BRL	10.0 ug/l	1	"	"	"	"	"	
n-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
sec-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
tert-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Carbon disulfide	BRL	5.00 ug/l	1	"	"	"	"	"	
Carbon tetrachloride	BRL	1.00 ug/l	1	"	"	"	"	"	
Chlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Chloroethane	BRL	2.00 ug/l	1	"	"	"	"	"	
Chloroform	BRL	1.00 ug/l	1	"	"	"	"	"	
Chloromethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	2.00 ug/l	1	"	"	"	"	"	
Dibromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	1.00 ug/l	1	"	"	"	"	"	
Dibromomethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	2.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethane	10.6	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethene	1.98	1.00 ug/l	1	"	"	"	"	"	
cis-1,2-Dichloroethene	155	1.50 ug/l	1	"	"	"	"	"	
trans-1,2-Dichloroethene	6.63	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
2,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
Ethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	1.00 ug/l	1	"	"	"	"	"	
2-Hexanone (MBK)	BRL	10.0 ug/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi-MW-2 (0104) SA07307-01	0013172	Ground Water	14-Jan-04 20:20	16-Jan-04

Analyte(s)	*Result*	*RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Isopropylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Isopropyltoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
Methyl tert-butyl ether	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	10.0 ug/l	1	"	"	"	"	"	
Methylene chloride	BRL	10.0 ug/l	1	"	"	"	"	"	
Naphthalene	BRL	1.00 ug/l	1	"	"	"	"	"	
n-Propylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Styrene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Tetrachloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
Toluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1-Trichloroethane	1.73	1.00 ug/l	1	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Trichloroethene	221	1.00 ug/l	1	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Vinyl chloride	79.4	1.00 ug/l	1	"	"	"	"	"	
m,p-Xylene	BRL	2.00 ug/l	1	"	"	"	"	"	
o-Xylene	BRL	1.00 ug/l	1	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*89.7*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*99.7*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*96.3*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*103*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi-MW-2 (0104) SA07307-01	0013172	Ground Water	14-Jan-04 20:20	16-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GC									
Polychlorinated Biphenyls by EPA 608		Prepared by method SW846 3535							
PCB 1016	BRL	0.114 ug/l	1	EPA 608	16-Jan-04	19-Jan-04	4010777	MP	
PCB 1221	BRL	0.114 ug/l	1	"	"	"	"	"	
PCB 1232	BRL	0.114 ug/l	1	"	"	"	"	"	
PCB 1242	BRL	0.114 ug/l	1	"	"	"	"	"	
PCB 1248	BRL	0.114 ug/l	1	"	"	"	"	"	
PCB 1254	BRL	0.114 ug/l	1	"	"	"	"	"	
PCB 1260	BRL	0.114 ug/l	1	"	"	"	"	"	
PCB 1262	BRL	0.114 ug/l	1	"	"	"	"	"	
PCB 1268	BRL	0.114 ug/l	1	"	"	"	"	"	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*84.3*	*40-140 %*		"	"	"	"	"	
Surrogate: Decachlorobiphenyl (Sr)	*70.3*	*40-140 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C		Prepared by method SW846 3535							
Acenaphthene	BRL	5.00 ug/l	1	SW846 8270C	16-Jan-04	16-Jan-04	4010776	M.B	
Acenaphthylene	BRL	5.00 ug/l	1	"	"	"	"	"	
Aniline	BRL	5.00 ug/l	1	"	"	"	"	"	
Anthracene	BRL	5.00 ug/l	1	"	"	"	"	"	
Azobenzene/Diphenyldiazine	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzidine	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (a) anthracene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (a) pyrene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (b) fluoranthene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (g,h,i) perylene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (k) fluoranthene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzoic acid	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzyl alcohol	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-chloroethoxy)methane	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-chloroethyl)ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Bromophenyl phenyl ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Butyl benzyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
Carbazole	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Chloro-3-methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Chloroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Chloronaphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Chlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Chlorophenyl phenyl ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Chrysene	BRL	5.00 ug/l	1	"	"	"	"	"	
Dibenzo (a,h) anthracene	BRL	5.00 ug/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi-MW-2 (0104) SA07307-01	0013172	Ground Water	14-Jan-04 20:20	16-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3535									
Dibenzofuran	BRL	5.00 ug/l	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
3,3'-Dichlorobenzidine	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dichlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Diethyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
Dimethyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dimethylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Di-n-butyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dinitrophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dinitrotoluene	BRL	5.00 ug/l	1	"	"	"	"	"	
2,6-Dinitrotoluene	BRL	5.00 ug/l	1	"	"	"	"	"	
Di-n-octyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
Fluoranthene	BRL	5.00 ug/l	1	"	"	"	"	"	
Fluorene	BRL	5.00 ug/l	1	"	"	"	"	"	
Hexachlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	5.00 ug/l	1	"	"	"	"	"	
Hexachlorocyclopentadiene	BRL	5.00 ug/l	1	"	"	"	"	"	
Hexachloroethane	BRL	5.00 ug/l	1	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	BRL	5.00 ug/l	1	"	"	"	"	"	
1-Methylnaphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
Isophorone	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Methylnaphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
3-Methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Naphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Nitroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
3-Nitroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Nitroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
Nitrobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Nitrophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Nitrophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
N-Nitrosodimethylamine	BRL	5.00 ug/l	1	"	"	"	"	"	
N-Nitrosodi-n-propylamine	BRL	5.00 ug/l	1	"	"	"	"	"	
N-Nitrosodiphenylamine	BRL	5.00 ug/l	1	"	"	"	"	"	
Pentachlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Phenanthrene	BRL	5.00 ug/l	1	"	"	"	"	"	
Phenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Pyrene	BRL	5.00 ug/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi-MW-2 (0104) SA07307-01	0013172	Ground Water	14-Jan-04 20:20	16-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3535									
Pyridine	BRL	5.00 ug/l	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4,5-Trichlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4,6-Trichlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl	*56.6*	*30-130 %*		"	"	"	"	"	
Surrogate: 2-Fluorophenol	*50.4*	*15-110 %*		"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*49.0*	*30-130 %*		"	"	"	"	"	
Surrogate: Phenol-d5	*47.7*	*15-110 %*		"	"	"	"	"	
Surrogate: Terphenyl-dl4	*55.1*	*30-130 %*		"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol	*43.0*	*15-110 %*		"	"	"	"	"	
Total Metals by EPA 200 Series Methods									
Silver	BRL	0.0050 mg/l	1	EPA 200.7	16-Jan-04	16-Jan-04	4010798	CR	
Aluminum	BRL	1.15 mg/l	1	"	"	"	"	"	
Arsenic	BRL	0.0040 mg/l	1	"	"	"	"	"	
Barium	0.131	0.0025 mg/l	1	"	"	"	"	"	
Beryllium	BRL	0.0010 mg/l	1	"	"	"	"	"	
Calcium	103	0.0250 mg/l	1	"	"	"	"	"	
Cadmium	BRL	0.0012 mg/l	1	"	"	"	"	"	
Cobalt	BRL	0.0025 mg/l	1	"	"	"	"	"	
Chromium	0.0080	0.0025 mg/l	1	"	"	"	"	"	
Copper	0.0041	0.0025 mg/l	1	"	"	"	"	"	
Iron	0.633	0.0025 mg/l	1	"	"	"	"	"	
Mercury	BRL	0.00040 mg/l	1	EPA 245.2/7470A	"	19-Jan-04	4010799	YP	
Potassium	4.00	0.0500 mg/l	1	EPA 200.7	"	16-Jan-04	4010798	CR	
Magnesium	22.9	0.0125 mg/l	1	"	"	"	"	"	
Manganese	0.656	0.0005 mg/l	1	"	"	"	"	"	
Sodium	207	0.500 mg/l	20	"	"	19-Jan-04	"	KS	
Nickel	BRL	0.0025 mg/l	1	"	"	16-Jan-04	"	CR	
Lead	BRL	0.0038 mg/l	1	"	"	"	"	"	
Antimony	BRL	0.0060 mg/l	1	"	"	"	"	"	
Selenium	BRL	0.0075 mg/l	1	"	"	"	"	"	
Thallium	BRL	0.0050 mg/l	1	"	"	"	"	"	
Vanadium	BRL	0.0025 mg/l	1	"	"	"	"	"	
Zinc	0.0573	0.0025 mg/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi-MW-2 (0104) SA07307-01	0013172	Ground Water	14-Jan-04 20:20	16-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
General Chemistry Parameters									
Cyanide (total)	0.202	0.0100 mg/l	1	10-204-00-1-A	16-Jan-04	16-Jan-04	4010852	AW	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi-MW-8 (0104) SA07307-02	0013172	Ground Water	14-Jan-04 21:15	16-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Acetone	BRL	100 ug/l	5	SW 846 8260B	16-Jan-04	17-Jan-04	4010793	KL	
Acrylonitrile	BRL	5.00 ug/l	5	"	"	"	"	"	
Benzene	BRL	5.00 ug/l	5	"	"	"	"	"	
Bromobenzene	BRL	5.00 ug/l	5	"	"	"	"	"	
Bromochloromethane	BRL	5.00 ug/l	5	"	"	"	"	"	
Bromodichloromethane	BRL	5.00 ug/l	5	"	"	"	"	"	
Bromoform	BRL	5.00 ug/l	5	"	"	"	"	"	
Bromomethane	BRL	10.0 ug/l	5	"	"	"	"	"	
2-Butanone (MEK)	BRL	50.0 ug/l	5	"	"	"	"	"	
n-Butylbenzene	BRL	5.00 ug/l	5	"	"	"	"	"	
sec-Butylbenzene	BRL	5.00 ug/l	5	"	"	"	"	"	
tert-Butylbenzene	BRL	5.00 ug/l	5	"	"	"	"	"	
Carbon disulfide	BRL	25.0 ug/l	5	"	"	"	"	"	
Carbon tetrachloride	BRL	5.00 ug/l	5	"	"	"	"	"	
Chlorobenzene	BRL	5.00 ug/l	5	"	"	"	"	"	
Chloroethane	BRL	10.0 ug/l	5	"	"	"	"	"	
Chloroform	BRL	5.00 ug/l	5	"	"	"	"	"	
Chloromethane	BRL	10.0 ug/l	5	"	"	"	"	"	
2-Chlorotoluene	BRL	5.00 ug/l	5	"	"	"	"	"	
4-Chlorotoluene	BRL	5.00 ug/l	5	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	10.0 ug/l	5	"	"	"	"	"	
Dibromochloromethane	BRL	5.00 ug/l	5	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	5.00 ug/l	5	"	"	"	"	"	
Dibromomethane	BRL	5.00 ug/l	5	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	5.00 ug/l	5	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	5.00 ug/l	5	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	5.00 ug/l	5	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	10.0 ug/l	5	"	"	"	"	"	
1,1-Dichloroethane	36.8	5.00 ug/l	5	"	"	"	"	"	
1,2-Dichloroethane	BRL	5.00 ug/l	5	"	"	"	"	"	
1,1-Dichloroethene	BRL	5.00 ug/l	5	"	"	"	"	"	
cis-1,2-Dichloroethene	205	7.50 ug/l	5	"	"	"	"	"	
trans-1,2-Dichloroethene	10.6	5.00 ug/l	5	"	"	"	"	"	
1,2-Dichloropropane	BRL	5.00 ug/l	5	"	"	"	"	"	
1,3-Dichloropropane	BRL	5.00 ug/l	5	"	"	"	"	"	
2,2-Dichloropropane	BRL	5.00 ug/l	5	"	"	"	"	"	
1,1-Dichloropropene	BRL	5.00 ug/l	5	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	5.00 ug/l	5	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	5.00 ug/l	5	"	"	"	"	"	
Ethylbenzene	BRL	5.00 ug/l	5	"	"	"	"	"	
Hexachlorobutadiene	BRL	5.00 ug/l	5	"	"	"	"	"	
2-Hexanone (MBK)	BRL	50.0 ug/l	5	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi-MW-8 (0104) SA07307-02	0013172	Ground Water	14-Jan-04 21:15	16-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Isopropylbenzene	BRL	5.00 ug/l	5	"	"	"	"	"	
4-Isopropyltoluene	BRL	5.00 ug/l	5	"	"	"	"	"	
Methyl tert-butyl ether	BRL	5.00 ug/l	5	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	50.0 ug/l	5	"	"	"	"	"	
Methylene chloride	BRL	50.0 ug/l	5	"	"	"	"	"	
Naphthalene	BRL	5.00 ug/l	5	"	"	"	"	"	
n-Propylbenzene	BRL	5.00 ug/l	5	"	"	"	"	"	
Styrene	BRL	5.00 ug/l	5	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	5.00 ug/l	5	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	5.00 ug/l	5	"	"	"	"	"	
Tetrachloroethene	BRL	5.00 ug/l	5	"	"	"	"	"	
Toluene	6.70	5.00 ug/l	5	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	5.00 ug/l	5	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	5.00 ug/l	5	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	5.00 ug/l	5	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	5.00 ug/l	5	"	"	"	"	"	
Trichloroethene	560	5.00 ug/l	5	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	5.00 ug/l	5	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	5.00 ug/l	5	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	5.00 ug/l	5	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	5.00 ug/l	5	"	"	"	"	"	
Vinyl chloride	117	5.00 ug/l	5	"	"	"	"	"	
m,p-Xylene	BRL	10.0 ug/l	5	"	"	"	"	"	
o-Xylene	BRL	5.00 ug/l	5	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*90.7*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*101*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*98.0*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*102*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi-MW-8 (0104) SA07307-02	0013172	Ground Water	14-Jan-04 21:15	16-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GC									
Polychlorinated Biphenyls by EPA 608		Prepared by method SW846 3535							
PCB 1016	BRL	0.125 ug/l	1	EPA 608	16-Jan-04	19-Jan-04	4010777	MP	
PCB 1221	BRL	0.125 ug/l	1	"	"	"	"	"	
PCB 1232	BRL	0.125 ug/l	1	"	"	"	"	"	
PCB 1242	BRL	0.125 ug/l	1	"	"	"	"	"	
PCB 1248	BRL	0.125 ug/l	1	"	"	"	"	"	
PCB 1254	BRL	0.125 ug/l	1	"	"	"	"	"	
PCB 1260	BRL	0.125 ug/l	1	"	"	"	"	"	
PCB 1262	BRL	0.125 ug/l	1	"	"	"	"	"	
PCB 1268	BRL	0.125 ug/l	1	"	"	"	"	"	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*82.4*	*40-140 %*		"	"	"	"	"	
Surrogate: Decachlorobiphenyl (Sr)	*76.4*	*40-140 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C		Prepared by method SW846 3535							
Acenaphthene	BRL	5.00 ug/l	1	SW846 8270C	16-Jan-04	16-Jan-04	4010776	M.B	
Acenaphthylene	BRL	5.00 ug/l	1	"	"	"	"	"	
Aniline	BRL	5.00 ug/l	1	"	"	"	"	"	
Anthracene	BRL	5.00 ug/l	1	"	"	"	"	"	
Azobenzene/Diphenyldiazine	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzidine	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (a) anthracene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (a) pyrene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (b) fluoranthene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (g,h,i) perylene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (k) fluoranthene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzoic acid	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzyl alcohol	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-chloroethoxy)methane	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-chloroethyl)ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Bromophenyl phenyl ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Butyl benzyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
Carbazole	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Chloro-3-methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Chloroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Chloronaphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Chlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Chlorophenyl phenyl ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Chrysene	BRL	5.00 ug/l	1	"	"	"	"	"	
Dibenzo (a,h) anthracene	BRL	5.00 ug/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi-MW-8 (0104) SA07307-02	0013172	Ground Water	14-Jan-04 21:15	16-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3535									
Dibenzofuran	BRL	5.00 ug/l	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
3,3'-Dichlorobenzidine	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dichlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Diethyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
Dimethyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dimethylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Di-n-butyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dinitrophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dinitrotoluene	BRL	5.00 ug/l	1	"	"	"	"	"	
2,6-Dinitrotoluene	BRL	5.00 ug/l	1	"	"	"	"	"	
Di-n-octyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
Fluoranthene	BRL	5.00 ug/l	1	"	"	"	"	"	
Fluorene	BRL	5.00 ug/l	1	"	"	"	"	"	
Hexachlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	5.00 ug/l	1	"	"	"	"	"	
Hexachlorocyclopentadiene	BRL	5.00 ug/l	1	"	"	"	"	"	
Hexachloroethane	BRL	5.00 ug/l	1	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	BRL	5.00 ug/l	1	"	"	"	"	"	
1-Methylnaphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
Isophorone	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Methylnaphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
3-Methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Naphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Nitroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
3-Nitroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Nitroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
Nitrobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Nitrophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Nitrophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
N-Nitrosodimethylamine	BRL	5.00 ug/l	1	"	"	"	"	"	
N-Nitrosodi-n-propylamine	BRL	5.00 ug/l	1	"	"	"	"	"	
N-Nitrosodiphenylamine	BRL	5.00 ug/l	1	"	"	"	"	"	
Pentachlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Phenanthrene	BRL	5.00 ug/l	1	"	"	"	"	"	
Phenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Pyrene	BRL	5.00 ug/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi-MW-8 (0104) SA07307-02	0013172	Ground Water	14-Jan-04 21:15	16-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3535									
Pyridine	BRL	5.00 ug/l	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4,5-Trichlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4,6-Trichlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl	*61.1*	*30-130 %*		"	"	"	"	"	
Surrogate: 2-Fluorophenol	*44.5*	*15-110 %*		"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*51.4*	*30-130 %*		"	"	"	"	"	
Surrogate: Phenol-d5	*45.6*	*15-110 %*		"	"	"	"	"	
Surrogate: Terphenyl-dl4	*65.6*	*30-130 %*		"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol	*48.3*	*15-110 %*		"	"	"	"	"	
Total Metals by EPA 200 Series Methods									
Silver	BRL	0.0050 mg/l	1	EPA 200.7	16-Jan-04	16-Jan-04	4010798	CR	
Aluminum	4.93	0.0075 mg/l	1	"	"	"	"	"	
Arsenic	BRL	0.0040 mg/l	1	"	"	"	"	"	
Barium	0.196	0.0025 mg/l	1	"	"	"	"	"	
Beryllium	BRL	0.0010 mg/l	1	"	"	"	"	"	
Calcium	104	0.0250 mg/l	1	"	"	"	"	"	
Cadmium	BRL	0.0012 mg/l	1	"	"	"	"	"	
Cobalt	0.0041	0.0025 mg/l	1	"	"	"	"	"	
Chromium	0.244	0.0025 mg/l	1	"	"	"	"	"	
Copper	0.0224	0.0025 mg/l	1	"	"	"	"	"	
Iron	8.20	0.0025 mg/l	1	"	"	"	"	"	
Mercury	BRL	0.00040 mg/l	1	EPA 245.2/7470A	"	19-Jan-04	4010799	YP	
Potassium	9.22	0.0500 mg/l	1	EPA 200.7	"	16-Jan-04	4010798	CR	
Magnesium	23.7	0.0125 mg/l	1	"	"	"	"	"	
Manganese	1.06	0.0005 mg/l	1	"	"	"	"	"	
Sodium	227	0.500 mg/l	20	"	"	19-Jan-04	"	KS	
Nickel	0.0374	0.0025 mg/l	1	"	"	16-Jan-04	"	CR	
Lead	0.0082	0.0038 mg/l	1	"	"	"	"	"	
Antimony	BRL	0.0060 mg/l	1	"	"	"	"	"	
Selenium	BRL	0.0075 mg/l	1	"	"	"	"	"	
Thallium	BRL	0.0050 mg/l	1	"	"	"	"	"	
Vanadium	0.0060	0.0025 mg/l	1	"	"	"	"	"	
Zinc	1.94	0.0025 mg/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi-MW-8 (0104) SA07307-02	0013172	Ground Water	14-Jan-04 21:15	16-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
General Chemistry Parameters									
Cyanide (total)	1.20	0.0300 mg/l	3	10-204-00-1-A	16-Jan-04	16-Jan-04	4010852	AW	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi-MW-9 (0104) SA07307-03	0013172	Ground Water	15-Jan-04 08:40	16-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							R-05
Acetone	BRL	100 ug/l	5	SW 846 8260B	16-Jan-04	17-Jan-04	4010793	KL	
Acrylonitrile	BRL	5.00 ug/l	5	"	"	"	"	"	
Benzene	7.15	5.00 ug/l	5	"	"	"	"	"	
Bromobenzene	BRL	5.00 ug/l	5	"	"	"	"	"	
Bromochloromethane	BRL	5.00 ug/l	5	"	"	"	"	"	
Bromodichloromethane	BRL	5.00 ug/l	5	"	"	"	"	"	
Bromoform	BRL	5.00 ug/l	5	"	"	"	"	"	
Bromomethane	BRL	10.0 ug/l	5	"	"	"	"	"	
2-Butanone (MEK)	BRL	50.0 ug/l	5	"	"	"	"	"	
n-Butylbenzene	11.2	5.00 ug/l	5	"	"	"	"	"	
sec-Butylbenzene	6.00	5.00 ug/l	5	"	"	"	"	"	
tert-Butylbenzene	BRL	5.00 ug/l	5	"	"	"	"	"	
Carbon disulfide	BRL	25.0 ug/l	5	"	"	"	"	"	
Carbon tetrachloride	BRL	5.00 ug/l	5	"	"	"	"	"	
Chlorobenzene	BRL	5.00 ug/l	5	"	"	"	"	"	
Chloroethane	BRL	10.0 ug/l	5	"	"	"	"	"	
Chloroform	BRL	5.00 ug/l	5	"	"	"	"	"	
Chloromethane	BRL	10.0 ug/l	5	"	"	"	"	"	
2-Chlorotoluene	BRL	5.00 ug/l	5	"	"	"	"	"	
4-Chlorotoluene	BRL	5.00 ug/l	5	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	10.0 ug/l	5	"	"	"	"	"	
Dibromochloromethane	BRL	5.00 ug/l	5	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	5.00 ug/l	5	"	"	"	"	"	
Dibromomethane	BRL	5.00 ug/l	5	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	5.00 ug/l	5	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	5.00 ug/l	5	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	5.00 ug/l	5	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	10.0 ug/l	5	"	"	"	"	"	
1,1-Dichloroethane	8.15	5.00 ug/l	5	"	"	"	"	"	
1,2-Dichloroethane	BRL	5.00 ug/l	5	"	"	"	"	"	
1,1-Dichloroethene	BRL	5.00 ug/l	5	"	"	"	"	"	
cis-1,2-Dichloroethene	38.2	7.50 ug/l	5	"	"	"	"	"	
trans-1,2-Dichloroethene	7.15	5.00 ug/l	5	"	"	"	"	"	
1,2-Dichloropropane	BRL	5.00 ug/l	5	"	"	"	"	"	
1,3-Dichloropropane	BRL	5.00 ug/l	5	"	"	"	"	"	
2,2-Dichloropropane	BRL	5.00 ug/l	5	"	"	"	"	"	
1,1-Dichloropropene	BRL	5.00 ug/l	5	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	5.00 ug/l	5	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	5.00 ug/l	5	"	"	"	"	"	
Ethylbenzene	BRL	5.00 ug/l	5	"	"	"	"	"	
Hexachlorobutadiene	BRL	5.00 ug/l	5	"	"	"	"	"	
2-Hexanone (MBK)	BRL	50.0 ug/l	5	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi-MW-9 (0104) SA07307-03	0013172	Ground Water	15-Jan-04 08:40	16-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							R-05
Isopropylbenzene	BRL	5.00 ug/l	5	"	"	"	"	"	
4-Isopropyltoluene	BRL	5.00 ug/l	5	"	"	"	"	"	
Methyl tert-butyl ether	BRL	5.00 ug/l	5	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	50.0 ug/l	5	"	"	"	"	"	
Methylene chloride	BRL	50.0 ug/l	5	"	"	"	"	"	
Naphthalene	BRL	5.00 ug/l	5	"	"	"	"	"	
n-Propylbenzene	BRL	5.00 ug/l	5	"	"	"	"	"	
Styrene	BRL	5.00 ug/l	5	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	5.00 ug/l	5	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	5.00 ug/l	5	"	"	"	"	"	
Tetrachloroethene	BRL	5.00 ug/l	5	"	"	"	"	"	
Toluene	5.90	5.00 ug/l	5	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	5.00 ug/l	5	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	5.00 ug/l	5	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	5.00 ug/l	5	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	5.00 ug/l	5	"	"	"	"	"	
Trichloroethene	178	5.00 ug/l	5	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	5.00 ug/l	5	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	5.00 ug/l	5	"	"	"	"	"	
1,2,4-Trimethylbenzene	6.65	5.00 ug/l	5	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	5.00 ug/l	5	"	"	"	"	"	
Vinyl chloride	89.3	5.00 ug/l	5	"	"	"	"	"	
m,p-Xylene	BRL	10.0 ug/l	5	"	"	"	"	"	
o-Xylene	BRL	5.00 ug/l	5	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*97.0*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*99.7*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*104*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*103*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi-MW-9 (0104) SA07307-03	0013172	Ground Water	15-Jan-04 08:40	16-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GC									
Polychlorinated Biphenyls by EPA 608		Prepared by method SW846 3535							
PCB 1016	BRL	0.125 ug/l	1	EPA 608	16-Jan-04	19-Jan-04	4010777	MP	
PCB 1221	BRL	0.125 ug/l	1	"	"	"	"	"	
PCB 1232	BRL	0.125 ug/l	1	"	"	"	"	"	
PCB 1242	BRL	0.125 ug/l	1	"	"	"	"	"	
PCB 1248	BRL	0.125 ug/l	1	"	"	"	"	"	
PCB 1254	0.737	0.125 ug/l	1	"	"	"	"	"	
PCB 1260	BRL	0.125 ug/l	1	"	"	"	"	"	
PCB 1262	BRL	0.125 ug/l	1	"	"	"	"	"	
PCB 1268	BRL	0.125 ug/l	1	"	"	"	"	"	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*97.6*	*40-140 %*		"	"	"	"	"	
Surrogate: Decachlorobiphenyl (Sr)	*85.6*	*40-140 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C		Prepared by method SW846 3535							
Acenaphthene	BRL	5.00 ug/l	1	SW846 8270C	16-Jan-04	16-Jan-04	4010776	M.B	
Acenaphthylene	BRL	5.00 ug/l	1	"	"	"	"	"	
Aniline	BRL	5.00 ug/l	1	"	"	"	"	"	
Anthracene	BRL	5.00 ug/l	1	"	"	"	"	"	
Azobenzene/Diphenyldiazine	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzidine	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (a) anthracene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (a) pyrene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (b) fluoranthene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (g,h,i) perylene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (k) fluoranthene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzoic acid	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzyl alcohol	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-chloroethoxy)methane	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-chloroethyl)ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Bromophenyl phenyl ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Butyl benzyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
Carbazole	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Chloro-3-methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Chloroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Chloronaphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Chlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Chlorophenyl phenyl ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Chrysene	BRL	5.00 ug/l	1	"	"	"	"	"	
Dibenzo (a,h) anthracene	BRL	5.00 ug/l	1	"	"	"	"	"	

This laboratory report is not valid without an authorized signature on the cover page.

*Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi-MW-9 (0104) SA07307-03	0013172	Ground Water	15-Jan-04 08:40	16-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3535									
Dibenzofuran	BRL	5.00 ug/l	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
3,3'-Dichlorobenzidine	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dichlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Diethyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
Dimethyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dimethylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Di-n-butyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dinitrophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dinitrotoluene	BRL	5.00 ug/l	1	"	"	"	"	"	
2,6-Dinitrotoluene	BRL	5.00 ug/l	1	"	"	"	"	"	
Di-n-octyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
Fluoranthene	BRL	5.00 ug/l	1	"	"	"	"	"	
Fluorene	BRL	5.00 ug/l	1	"	"	"	"	"	
Hexachlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	5.00 ug/l	1	"	"	"	"	"	
Hexachlorocyclopentadiene	BRL	5.00 ug/l	1	"	"	"	"	"	
Hexachloroethane	BRL	5.00 ug/l	1	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	BRL	5.00 ug/l	1	"	"	"	"	"	
1-Methylnaphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
Isophorone	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Methylnaphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
3-Methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Naphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Nitroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
3-Nitroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Nitroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
Nitrobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Nitrophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Nitrophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
N-Nitrosodimethylamine	BRL	5.00 ug/l	1	"	"	"	"	"	
N-Nitrosodi-n-propylamine	BRL	5.00 ug/l	1	"	"	"	"	"	
N-Nitrosodiphenylamine	BRL	5.00 ug/l	1	"	"	"	"	"	
Pentachlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Phenanthrene	BRL	5.00 ug/l	1	"	"	"	"	"	
Phenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Pyrene	BRL	5.00 ug/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi-MW-9 (0104) SA07307-03	0013172	Ground Water	15-Jan-04 08:40	16-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3535									
Pyridine	BRL	5.00 ug/l	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4,5-Trichlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4,6-Trichlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl	*58.6*	*30-130 %*		"	"	"	"	"	
Surrogate: 2-Fluorophenol	*45.4*	*15-110 %*		"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*57.9*	*30-130 %*		"	"	"	"	"	
Surrogate: Phenol-d5	*50.2*	*15-110 %*		"	"	"	"	"	
Surrogate: Terphenyl-dl4	*63.8*	*30-130 %*		"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol	*48.8*	*15-110 %*		"	"	"	"	"	
Total Metals by EPA 200 Series Methods									
Silver	BRL	0.0050 mg/l	1	EPA 200.7	16-Jan-04	16-Jan-04	4010798	CR	
Aluminum	9.84	0.0075 mg/l	1	"	"	"	"	"	
Arsenic	BRL	0.0070 mg/l	1	"	"	"	"	"	
Barium	0.435	0.0025 mg/l	1	"	"	"	"	"	
Beryllium	BRL	0.0010 mg/l	1	"	"	"	"	"	
Calcium	126	0.0250 mg/l	1	"	"	"	"	"	
Cadmium	BRL	0.0012 mg/l	1	"	"	"	"	"	
Cobalt	0.0079	0.0025 mg/l	1	"	"	"	"	"	
Chromium	0.564	0.0025 mg/l	1	"	"	"	"	"	
Copper	0.0676	0.0025 mg/l	1	"	"	"	"	"	
Iron	17.7	0.0025 mg/l	1	"	"	"	"	"	
Mercury	BRL	0.00040 mg/l	1	EPA 245.2/7470A	"	19-Jan-04	4010799	YP	
Potassium	6.48	0.0500 mg/l	1	EPA 200.7	"	16-Jan-04	4010798	CR	
Magnesium	28.6	0.0125 mg/l	1	"	"	"	"	"	
Manganese	1.20	0.0005 mg/l	1	"	"	"	"	"	
Sodium	254	0.500 mg/l	20	"	"	19-Jan-04	"	KS	
Nickel	0.0494	0.0025 mg/l	1	"	"	16-Jan-04	"	CR	
Lead	0.0436	0.0038 mg/l	1	"	"	"	"	"	
Antimony	BRL	0.0060 mg/l	1	"	"	"	"	"	
Selenium	BRL	0.0075 mg/l	1	"	"	"	"	"	
Thallium	BRL	0.0050 mg/l	1	"	"	"	"	"	
Vanadium	0.0232	0.0025 mg/l	1	"	"	"	"	"	
Zinc	4.85	0.0025 mg/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi-MW-9 (0104) SA07307-03	0013172	Ground Water	15-Jan-04 08:40	16-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
General Chemistry Parameters									
Cyanide (total)	1.78	0.0300 mg/l	3	10-204-00-1-A	16-Jan-04	16-Jan-04	4010852	AW	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi-MW-12 (0104) SA07307-04	0013172	Ground Water	15-Jan-04 12:45	16-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Acetone	BRL	20.0 ug/l	1	SW 846 8260B	19-Jan-04	19-Jan-04	4010861	KL	
Acrylonitrile	BRL	1.00 ug/l	1	"	"	"	"	"	
Benzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromodichloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromoform	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromomethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Butanone (MEK)	BRL	10.0 ug/l	1	"	"	"	"	"	
n-Butylbenzene	2.42	1.00 ug/l	1	"	"	"	"	"	
sec-Butylbenzene	1.17	1.00 ug/l	1	"	"	"	"	"	
tert-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Carbon disulfide	BRL	5.00 ug/l	1	"	"	"	"	"	
Carbon tetrachloride	BRL	1.00 ug/l	1	"	"	"	"	"	
Chlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Chloroethane	BRL	2.00 ug/l	1	"	"	"	"	"	
Chloroform	BRL	1.00 ug/l	1	"	"	"	"	"	
Chloromethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	2.00 ug/l	1	"	"	"	"	"	
Dibromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	1.00 ug/l	1	"	"	"	"	"	
Dibromomethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	2.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethane	1.75	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,2-Dichloroethene	22.6	1.00 ug/l	1	"	"	"	"	"	
trans-1,2-Dichloroethene	1.44	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
2,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
Ethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	1.00 ug/l	1	"	"	"	"	"	
2-Hexanone (MBK)	BRL	10.0 ug/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi-MW-12 (0104) SA07307-04	0013172	Ground Water	15-Jan-04 12:45	16-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Isopropylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Isopropyltoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
Methyl tert-butyl ether	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	10.0 ug/l	1	"	"	"	"	"	
Methylene chloride	BRL	10.0 ug/l	1	"	"	"	"	"	
Naphthalene	BRL	1.00 ug/l	1	"	"	"	"	"	
n-Propylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Styrene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Tetrachloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
Toluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1-Trichloroethane	3.35	1.00 ug/l	1	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Trichloroethene	47.1	1.00 ug/l	1	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Vinyl chloride	BRL	1.00 ug/l	1	"	"	"	"	"	
m,p-Xylene	BRL	2.00 ug/l	1	"	"	"	"	"	
o-Xylene	BRL	1.00 ug/l	1	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*93.7*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*99.7*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*98.3*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*100*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi-MW-12 (0104) SA07307-04	0013172	Ground Water	15-Jan-04 12:45	16-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GC									
Polychlorinated Biphenyls by EPA 608		Prepared by method SW846 3535							
PCB 1016	BRL	0.125 ug/l	1	EPA 608	16-Jan-04	19-Jan-04	4010777	MP	
PCB 1221	BRL	0.125 ug/l	1	"	"	"	"	"	
PCB 1232	BRL	0.125 ug/l	1	"	"	"	"	"	
PCB 1242	BRL	0.125 ug/l	1	"	"	"	"	"	
PCB 1248	BRL	0.125 ug/l	1	"	"	"	"	"	
PCB 1254	3.41	0.125 ug/l	1	"	"	"	"	"	
PCB 1260	BRL	0.125 ug/l	1	"	"	"	"	"	
PCB 1262	BRL	0.125 ug/l	1	"	"	"	"	"	
PCB 1268	BRL	0.125 ug/l	1	"	"	"	"	"	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*81.2*	*40-140 %*		"	"	"	"	"	
Surrogate: Decachlorobiphenyl (Sr)	*90.8*	*40-140 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C		Prepared by method SW846 3535							
Acenaphthene	BRL	5.00 ug/l	1	SW846 8270C	16-Jan-04	16-Jan-04	4010776	M.B	
Acenaphthylene	BRL	5.00 ug/l	1	"	"	"	"	"	
Aniline	BRL	5.00 ug/l	1	"	"	"	"	"	
Anthracene	BRL	5.00 ug/l	1	"	"	"	"	"	
Azobenzene/Diphenyldiazine	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzidine	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (a) anthracene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (a) pyrene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (b) fluoranthene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (g,h,i) perylene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (k) fluoranthene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzoic acid	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzyl alcohol	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-chloroethoxy)methane	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-chloroethyl)ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Bromophenyl phenyl ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Butyl benzyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
Carbazole	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Chloro-3-methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Chloroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Chloronaphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Chlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Chlorophenyl phenyl ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Chrysene	BRL	5.00 ug/l	1	"	"	"	"	"	
Dibenzo (a,h) anthracene	BRL	5.00 ug/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi-MW-12 (0104) SA07307-04	0013172	Ground Water	15-Jan-04 12:45	16-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3535									
Dibenzofuran	BRL	5.00 ug/l	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
3,3'-Dichlorobenzidine	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dichlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Diethyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
Dimethyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dimethylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Di-n-butyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dinitrophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dinitrotoluene	BRL	5.00 ug/l	1	"	"	"	"	"	
2,6-Dinitrotoluene	BRL	5.00 ug/l	1	"	"	"	"	"	
Di-n-octyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
Fluoranthene	BRL	5.00 ug/l	1	"	"	"	"	"	
Fluorene	BRL	5.00 ug/l	1	"	"	"	"	"	
Hexachlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	5.00 ug/l	1	"	"	"	"	"	
Hexachlorocyclopentadiene	BRL	5.00 ug/l	1	"	"	"	"	"	
Hexachloroethane	BRL	5.00 ug/l	1	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	BRL	5.00 ug/l	1	"	"	"	"	"	
1-Methylnaphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
Isophorone	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Methylnaphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
3-Methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Naphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Nitroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
3-Nitroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Nitroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
Nitrobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Nitrophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Nitrophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
N-Nitrosodimethylamine	BRL	5.00 ug/l	1	"	"	"	"	"	
N-Nitrosodi-n-propylamine	BRL	5.00 ug/l	1	"	"	"	"	"	
N-Nitrosodiphenylamine	BRL	5.00 ug/l	1	"	"	"	"	"	
Pentachlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Phenanthrene	BRL	5.00 ug/l	1	"	"	"	"	"	
Phenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Pyrene	BRL	5.00 ug/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi-MW-12 (0104) SA07307-04	0013172	Ground Water	15-Jan-04 12:45	16-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3535									
Pyridine	BRL	5.00 ug/l	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4,5-Trichlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4,6-Trichlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl	*64.8*	*30-130 %*		"	"	"	"	"	
Surrogate: 2-Fluorophenol	*46.6*	*15-110 %*		"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*76.5*	*30-130 %*		"	"	"	"	"	
Surrogate: Phenol-d5	*51.5*	*15-110 %*		"	"	"	"	"	
Surrogate: Terphenyl-d14	*37.6*	*30-130 %*		"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol	*63.5*	*15-110 %*		"	"	"	"	"	
Total Metals by EPA 200 Series Methods									
Silver	BRL	0.0050 mg/l	1	EPA 200.7	16-Jan-04	16-Jan-04	4010798	CR	
Aluminum	5.26	0.0075 mg/l	1	"	"	"	"	"	
Arsenic	BRL	0.0040 mg/l	1	"	"	"	"	"	
Barium	0.508	0.0025 mg/l	1	"	"	"	"	"	
Beryllium	BRL	0.0010 mg/l	1	"	"	"	"	"	
Calcium	165	0.0250 mg/l	1	"	"	"	"	"	
Cadmium	BRL	0.0012 mg/l	1	"	"	"	"	"	
Cobalt	0.0053	0.0025 mg/l	1	"	"	"	"	"	
Chromium	0.196	0.0025 mg/l	1	"	"	"	"	"	
Copper	0.0981	0.0025 mg/l	1	"	"	"	"	"	
Iron	8.95	0.0025 mg/l	1	"	"	"	"	"	
Mercury	BRL	0.00040 mg/l	1	EPA 245.2/7470A	"	19-Jan-04	4010799	YP	
Potassium	6.06	0.0500 mg/l	1	EPA 200.7	"	16-Jan-04	4010798	CR	
Magnesium	41.9	0.0125 mg/l	1	"	"	"	"	"	
Manganese	1.47	0.0005 mg/l	1	"	"	"	"	"	
Sodium	436	0.500 mg/l	20	"	"	19-Jan-04	"	KS	
Nickel	0.0665	0.0025 mg/l	1	"	"	16-Jan-04	"	CR	
Lead	0.0183	0.0038 mg/l	1	"	"	"	"	"	
Antimony	BRL	0.0060 mg/l	1	"	"	"	"	"	
Selenium	BRL	0.0075 mg/l	1	"	"	"	"	"	
Thallium	BRL	0.0050 mg/l	1	"	"	"	"	"	
Vanadium	0.0076	0.0025 mg/l	1	"	"	"	"	"	
Zinc	2.08	0.0025 mg/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi-MW-12 (0104) SA07307-04	0013172	Ground Water	15-Jan-04 12:45	16-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
General Chemistry Parameters									
Hexavalent Chromium	0.025	0.025 mg/l	5	SM3500CrD/7196A	16-Jan-04 10:00	16-Jan-04	4010782	AJ	R-01
Cyanide (total)	0.0817	0.0100 mg/l	1	10-204-00-1-A	16-Jan-04	16-Jan-04	4010852	AW	
pH	7.77	pH Units	1	EPA 150.1	16-Jan-04 11:15	16-Jan-04	4010853	RB	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi-MW-13 (0104) SA07307-05	0013172	Ground Water	15-Jan-04 10:35	16-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Acetone	BRL	20.0 ug/l	1	SW 846 8260B	16-Jan-04	17-Jan-04	4010793	KL	
Acrylonitrile	BRL	1.00 ug/l	1	"	"	"	"	"	
Benzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromodichloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromoform	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromomethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Butanone (MEK)	BRL	10.0 ug/l	1	"	"	"	"	"	
n-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
sec-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
tert-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Carbon disulfide	BRL	5.00 ug/l	1	"	"	"	"	"	
Carbon tetrachloride	BRL	1.00 ug/l	1	"	"	"	"	"	
Chlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Chloroethane	BRL	2.00 ug/l	1	"	"	"	"	"	
Chloroform	BRL	1.00 ug/l	1	"	"	"	"	"	
Chloromethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	2.00 ug/l	1	"	"	"	"	"	
Dibromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	1.00 ug/l	1	"	"	"	"	"	
Dibromomethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	2.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethane	4.19	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	1.50 ug/l	1	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
2,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
Ethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	1.00 ug/l	1	"	"	"	"	"	
2-Hexanone (MBK)	BRL	10.0 ug/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi-MW-13 (0104) SA07307-05	0013172	Ground Water	15-Jan-04 10:35	16-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Isopropylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Isopropyltoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
Methyl tert-butyl ether	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	10.0 ug/l	1	"	"	"	"	"	
Methylene chloride	BRL	10.0 ug/l	1	"	"	"	"	"	
Naphthalene	BRL	1.00 ug/l	1	"	"	"	"	"	
n-Propylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Styrene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Tetrachloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
Toluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Trichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Vinyl chloride	BRL	1.00 ug/l	1	"	"	"	"	"	
m,p-Xylene	BRL	2.00 ug/l	1	"	"	"	"	"	
o-Xylene	BRL	1.00 ug/l	1	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*90.7*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*99.7*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*99.7*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*102*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi-MW-13 (0104) SA07307-05	0013172	Ground Water	15-Jan-04 10:35	16-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GC									
Polychlorinated Biphenyls by EPA 608		Prepared by method SW846 3535							
PCB 1016	BRL	0.125 ug/l	1	EPA 608	16-Jan-04	19-Jan-04	4010777	MP	
PCB 1221	BRL	0.125 ug/l	1	"	"	"	"	"	
PCB 1232	BRL	0.125 ug/l	1	"	"	"	"	"	
PCB 1242	BRL	0.125 ug/l	1	"	"	"	"	"	
PCB 1248	BRL	0.125 ug/l	1	"	"	"	"	"	
PCB 1254	BRL	0.125 ug/l	1	"	"	"	"	"	
PCB 1260	BRL	0.125 ug/l	1	"	"	"	"	"	
PCB 1262	BRL	0.125 ug/l	1	"	"	"	"	"	
PCB 1268	BRL	0.125 ug/l	1	"	"	"	"	"	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*88.0*	*40-140 %*		"	"	"	"	"	
Surrogate: Decachlorobiphenyl (Sr)	*77.2*	*40-140 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C		Prepared by method SW846 3535							
Acenaphthene	BRL	5.00 ug/l	1	SW846 8270C	16-Jan-04	16-Jan-04	4010776	MB	
Acenaphthylene	BRL	5.00 ug/l	1	"	"	"	"	"	
Aniline	BRL	5.00 ug/l	1	"	"	"	"	"	
Anthracene	BRL	5.00 ug/l	1	"	"	"	"	"	
Azobenzene/Diphenyldiazine	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzidine	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (a) anthracene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (a) pyrene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (b) fluoranthene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (g,h,i) perylene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (k) fluoranthene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzoic acid	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzyl alcohol	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-chloroethoxy)methane	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-chloroethyl)ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Bromophenyl phenyl ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Butyl benzyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
Carbazole	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Chloro-3-methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Chloroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Chloronaphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Chlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Chlorophenyl phenyl ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Chrysene	BRL	5.00 ug/l	1	"	"	"	"	"	
Dibenzo (a,h) anthracene	BRL	5.00 ug/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi-MW-13 (0104) SA07307-05	0013172	Ground Water	15-Jan-04 10:35	16-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3535									
Dibenzofuran	BRL	5.00 ug/l	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
3,3'-Dichlorobenzidine	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dichlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Diethyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
Dimethyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dimethylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Di-n-butyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dinitrophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dinitrotoluene	BRL	5.00 ug/l	1	"	"	"	"	"	
2,6-Dinitrotoluene	BRL	5.00 ug/l	1	"	"	"	"	"	
Di-n-octyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
Fluoranthene	BRL	5.00 ug/l	1	"	"	"	"	"	
Fluorene	BRL	5.00 ug/l	1	"	"	"	"	"	
Hexachlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	5.00 ug/l	1	"	"	"	"	"	
Hexachlorocyclopentadiene	BRL	5.00 ug/l	1	"	"	"	"	"	
Hexachloroethane	BRL	5.00 ug/l	1	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	BRL	5.00 ug/l	1	"	"	"	"	"	
1-Methylnaphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
Isophorone	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Methylnaphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
3-Methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Naphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Nitroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
3-Nitroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Nitroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
Nitrobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Nitrophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Nitrophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
N-Nitrosodimethylamine	BRL	5.00 ug/l	1	"	"	"	"	"	
N-Nitrosodi-n-propylamine	BRL	5.00 ug/l	1	"	"	"	"	"	
N-Nitrosodiphenylamine	BRL	5.00 ug/l	1	"	"	"	"	"	
Pentachlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Phenanthrene	BRL	5.00 ug/l	1	"	"	"	"	"	
Phenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Pyrene	BRL	5.00 ug/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi-MW-13 (0104) SA07307-05	0013172	Ground Water	15-Jan-04 10:35	16-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3535									
Pyridine	BRL	5.00 ug/l	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4,5-Trichlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4,6-Trichlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl	*82.4*	*30-130 %*		"	"	"	"	"	
Surrogate: 2-Fluorophenol	*60.5*	*15-110 %*		"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*73.0*	*30-130 %*		"	"	"	"	"	
Surrogate: Phenol-d5	*64.0*	*15-110 %*		"	"	"	"	"	
Surrogate: Terphenyl-d14	*85.6*	*30-130 %*		"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol	*43.4*	*15-110 %*		"	"	"	"	"	
Total Metals by EPA 200 Series Methods									
Silver	BRL	0.0050 mg/l	1	EPA 200.7	16-Jan-04	16-Jan-04	4010798	CR	
Aluminum	36.8	0.0075 mg/l	1	"	"	"	"	"	
Arsenic	0.0266	0.0040 mg/l	1	"	"	"	"	"	
Barium	0.356	0.0025 mg/l	1	"	"	"	"	"	
Beryllium	0.0014	0.0010 mg/l	1	"	"	"	"	"	
Calcium	214	0.0250 mg/l	1	"	"	"	"	"	
Cadmium	BRL	0.0012 mg/l	1	"	"	"	"	"	
Cobalt	0.0468	0.0025 mg/l	1	"	"	"	"	"	
Chromium	0.0675	0.0025 mg/l	1	"	"	"	"	"	
Copper	0.146	0.0025 mg/l	1	"	"	"	"	"	
Iron	78.3	0.0025 mg/l	1	"	"	"	"	"	
Mercury	BRL	0.00040 mg/l	1	EPA 245.2/7470A	"	19-Jan-04	4010799	YP	
Potassium	9.66	0.0500 mg/l	1	EPA 200.7	"	16-Jan-04	4010798	CR	
Magnesium	48.0	0.0125 mg/l	1	"	"	"	"	"	
Manganese	2.44	0.0005 mg/l	1	"	"	"	"	"	
Sodium	430	0.500 mg/l	20	"	"	19-Jan-04	"	KS	
Nickel	0.0684	0.0025 mg/l	1	"	"	16-Jan-04	"	CR	
Lead	0.0342	0.0038 mg/l	1	"	"	"	"	"	
Antimony	BRL	0.0060 mg/l	1	"	"	"	"	"	
Selenium	BRL	0.0075 mg/l	1	"	"	"	"	"	
Thallium	BRL	0.0050 mg/l	1	"	"	"	"	"	
Vanadium	0.0472	0.0025 mg/l	1	"	"	"	"	"	
Zinc	0.545	0.0025 mg/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi-MW-13 (0104) SA07307-05	0013172	Ground Water	15-Jan-04 10:35	16-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
General Chemistry Parameters									
Cyanide (total)	BRL	0.0100 mg/l	1	10-204-00-1-A	16-Jan-04	16-Jan-04	4010852	AW	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi-MW-14 (0104) SA07307-06	0013172	Ground Water	14-Jan-04 19:00	16-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Acetone	BRL	20.0 ug/l	1	SW 846 8260B	16-Jan-04	17-Jan-04	4010793	KL	
Acrylonitrile	BRL	1.00 ug/l	1	"	"	"	"	"	
Benzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromodichloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromoform	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromomethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Butanone (MEK)	BRL	10.0 ug/l	1	"	"	"	"	"	
n-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
sec-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
tert-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Carbon disulfide	BRL	5.00 ug/l	1	"	"	"	"	"	
Carbon tetrachloride	BRL	1.00 ug/l	1	"	"	"	"	"	
Chlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Chloroethane	BRL	2.00 ug/l	1	"	"	"	"	"	
Chloroform	BRL	1.00 ug/l	1	"	"	"	"	"	
Chloromethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	2.00 ug/l	1	"	"	"	"	"	
Dibromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	1.00 ug/l	1	"	"	"	"	"	
Dibromomethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	2.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethane	4.51	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethene	4.20	1.00 ug/l	1	"	"	"	"	"	
cis-1,2-Dichloroethene	114	1.50 ug/l	1	"	"	"	"	"	
trans-1,2-Dichloroethene	7.39	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
2,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
Ethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	1.00 ug/l	1	"	"	"	"	"	
2-Hexanone (MBK)	BRL	10.0 ug/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi-MW-14 (0104) SA07307-06	0013172	Ground Water	14-Jan-04 19:00	16-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Isopropylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Isopropyltoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
Methyl tert-butyl ether	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	10.0 ug/l	1	"	"	"	"	"	
Methylene chloride	BRL	10.0 ug/l	1	"	"	"	"	"	
Naphthalene	BRL	1.00 ug/l	1	"	"	"	"	"	
n-Propylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Styrene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Tetrachloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
Toluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1-Trichloroethane	5.34	1.00 ug/l	1	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Trichloroethene	511	1.00 ug/l	1	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Vinyl chloride	20.2	1.00 ug/l	1	"	"	"	"	"	
m,p-Xylene	BRL	2.00 ug/l	1	"	"	"	"	"	
o-Xylene	BRL	1.00 ug/l	1	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*90.3*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*99.0*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*102*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*101*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi-MW-14 (0104) SA07307-06	0013172	Ground Water	14-Jan-04 19:00	16-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GC									
Polychlorinated Biphenyls by EPA 608		Prepared by method SW846 3535							
PCB 1016	BRL	0.118 ug/l	1	EPA 608	16-Jan-04	19-Jan-04	4010777	MP	
PCB 1221	BRL	0.118 ug/l	1	"	"	"	"	"	
PCB 1232	BRL	0.118 ug/l	1	"	"	"	"	"	
PCB 1242	BRL	0.118 ug/l	1	"	"	"	"	"	
PCB 1248	BRL	0.118 ug/l	1	"	"	"	"	"	
PCB 1254	BRL	0.118 ug/l	1	"	"	"	"	"	
PCB 1260	BRL	0.118 ug/l	1	"	"	"	"	"	
PCB 1262	BRL	0.118 ug/l	1	"	"	"	"	"	
PCB 1268	BRL	0.118 ug/l	1	"	"	"	"	"	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*74.5*	*40-140 %*		"	"	"	"	"	
Surrogate: Decachlorobiphenyl (Sr)	*74.9*	*40-140 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C		Prepared by method SW846 3535							
Acenaphthene	BRL	5.00 ug/l	1	SW846 8270C	16-Jan-04	17-Jan-04	4010776	MB	
Acenaphthylene	BRL	5.00 ug/l	1	"	"	"	"	"	
Aniline	BRL	5.00 ug/l	1	"	"	"	"	"	
Anthracene	BRL	5.00 ug/l	1	"	"	"	"	"	
Azobenzene/Diphenyldiazine	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzidine	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (a) anthracene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (a) pyrene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (b) fluoranthene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (g,h,i) perylene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (k) fluoranthene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzoic acid	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzyl alcohol	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-chloroethoxy)methane	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-chloroethyl)ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Bromophenyl phenyl ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Butyl benzyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
Carbazole	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Chloro-3-methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Chloroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Chloronaphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Chlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Chlorophenyl phenyl ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Chrysene	BRL	5.00 ug/l	1	"	"	"	"	"	
Dibenzo (a,h) anthracene	BRL	5.00 ug/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi-MW-14 (0104) SA07307-06	0013172	Ground Water	14-Jan-04 19:00	16-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3535									
Dibenzofuran	BRL	5.00 ug/l	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
3,3'-Dichlorobenzidine	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dichlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Diethyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
Dimethyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dimethylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Di-n-butyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dinitrophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dinitrotoluene	BRL	5.00 ug/l	1	"	"	"	"	"	
2,6-Dinitrotoluene	BRL	5.00 ug/l	1	"	"	"	"	"	
Di-n-octyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
Fluoranthene	BRL	5.00 ug/l	1	"	"	"	"	"	
Fluorene	BRL	5.00 ug/l	1	"	"	"	"	"	
Hexachlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	5.00 ug/l	1	"	"	"	"	"	
Hexachlorocyclopentadiene	BRL	5.00 ug/l	1	"	"	"	"	"	
Hexachloroethane	BRL	5.00 ug/l	1	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	BRL	5.00 ug/l	1	"	"	"	"	"	
1-Methylnaphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
Isophorone	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Methylnaphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
3-Methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Naphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Nitroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
3-Nitroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Nitroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
Nitrobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Nitrophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Nitrophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
N-Nitrosodimethylamine	BRL	5.00 ug/l	1	"	"	"	"	"	
N-Nitrosodi-n-propylamine	BRL	5.00 ug/l	1	"	"	"	"	"	
N-Nitrosodiphenylamine	BRL	5.00 ug/l	1	"	"	"	"	"	
Pentachlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Phenanthrene	BRL	5.00 ug/l	1	"	"	"	"	"	
Phenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Pyrene	BRL	5.00 ug/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi-MW-14 (0104) SA07307-06	0013172	Ground Water	14-Jan-04 19:00	16-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3535									
Pyridine	BRL	5.00 ug/l	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4,5-Trichlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4,6-Trichlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl	*58.9*	*30-130 %*		"	"	"	"	"	
Surrogate: 2-Fluorophenol	*43.4*	*15-110 %*		"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*51.8*	*30-130 %*		"	"	"	"	"	
Surrogate: Phenol-d5	*45.1*	*15-110 %*		"	"	"	"	"	
Surrogate: Terphenyl-dl4	*59.7*	*30-130 %*		"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol	*39.7*	*15-110 %*		"	"	"	"	"	
Total Metals by EPA 200 Series Methods									
Silver	BRL	0.0050 mg/l	1	EPA 200.7	16-Jan-04	16-Jan-04	4010798	CR	
Aluminum	BRL	1.15 mg/l	1	"	"	"	"	"	
Arsenic	BRL	0.0040 mg/l	1	"	"	"	"	"	
Barium	0.295	0.0025 mg/l	1	"	"	"	"	"	
Beryllium	BRL	0.0010 mg/l	1	"	"	"	"	"	
Calcium	444	2.50 mg/l	100	"	"	19-Jan-04	"	KS	
Cadmium	BRL	0.0012 mg/l	1	"	"	16-Jan-04	"	CR	
Cobalt	0.0032	0.0025 mg/l	1	"	"	"	"	"	
Chromium	0.0042	0.0025 mg/l	1	"	"	"	"	"	
Copper	0.0034	0.0025 mg/l	1	"	"	"	"	"	
Iron	1.73	0.0025 mg/l	1	"	"	"	"	"	
Mercury	BRL	0.00040 mg/l	1	EPA 245.2/7470A	"	19-Jan-04	4010799	YP	
Potassium	33.8	0.0500 mg/l	1	EPA 200.7	"	16-Jan-04	4010798	CR	
Magnesium	69.1	0.0125 mg/l	1	"	"	"	"	"	
Manganese	2.82	0.0005 mg/l	1	"	"	"	"	"	
Sodium	1,980	2.50 mg/l	100	"	"	19-Jan-04	"	KS	
Nickel	0.0066	0.0025 mg/l	1	"	"	16-Jan-04	"	CR	
Lead	BRL	0.0038 mg/l	1	"	"	"	"	"	
Antimony	BRL	0.0060 mg/l	1	"	"	"	"	"	
Selenium	BRL	0.0075 mg/l	1	"	"	"	"	"	
Thallium	BRL	0.0050 mg/l	1	"	"	"	"	"	
Vanadium	0.0026	0.0025 mg/l	1	"	"	"	"	"	
Zinc	BRL	0.0138 mg/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi-MW-14 (0104) SA07307-06	0013172	Ground Water	14-Jan-04 19:00	16-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
General Chemistry Parameters									
Cyanide (total)	0.0127	0.0100 mg/l	1	10-204-00-1-A	16-Jan-04	16-Jan-04	4010852	AW	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi-MW-15 (0104) SA07307-07	0013172	Ground Water	15-Jan-04 11:20	16-Jan-04

Analyte(s)	*Result*	*RDL/Units	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							R-05
Acetone	BRL	100 ug/l	5	SW 846 8260B	19-Jan-04	19-Jan-04	4010861	KL	
Acrylonitrile	BRL	5.00 ug/l	5	"	"	"	"	"	
Benzene	BRL	5.00 ug/l	5	"	"	"	"	"	
Bromobenzene	BRL	5.00 ug/l	5	"	"	"	"	"	
Bromochloromethane	BRL	5.00 ug/l	5	"	"	"	"	"	
Bromodichloromethane	BRL	5.00 ug/l	5	"	"	"	"	"	
Bromoform	BRL	5.00 ug/l	5	"	"	"	"	"	
Bromomethane	BRL	10.0 ug/l	5	"	"	"	"	"	
2-Butanone (MEK)	BRL	50.0 ug/l	5	"	"	"	"	"	
n-Butylbenzene	15.4	5.00 ug/l	5	"	"	"	"	"	
sec-Butylbenzene	6.05	5.00 ug/l	5	"	"	"	"	"	
tert-Butylbenzene	BRL	5.00 ug/l	5	"	"	"	"	"	
Carbon disulfide	BRL	25.0 ug/l	5	"	"	"	"	"	
Carbon tetrachloride	BRL	5.00 ug/l	5	"	"	"	"	"	
Chlorobenzene	BRL	5.00 ug/l	5	"	"	"	"	"	
Chloroethane	BRL	10.0 ug/l	5	"	"	"	"	"	
Chloroform	BRL	5.00 ug/l	5	"	"	"	"	"	
Chloromethane	BRL	10.0 ug/l	5	"	"	"	"	"	
2-Chlorotoluene	BRL	5.00 ug/l	5	"	"	"	"	"	
4-Chlorotoluene	BRL	5.00 ug/l	5	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	10.0 ug/l	5	"	"	"	"	"	
Dibromochloromethane	BRL	5.00 ug/l	5	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	5.00 ug/l	5	"	"	"	"	"	
Dibromomethane	BRL	5.00 ug/l	5	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	5.00 ug/l	5	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	5.00 ug/l	5	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	5.00 ug/l	5	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	10.0 ug/l	5	"	"	"	"	"	
1,1-Dichloroethane	BRL	5.00 ug/l	5	"	"	"	"	"	
1,2-Dichloroethane	BRL	5.00 ug/l	5	"	"	"	"	"	
1,1-Dichloroethene	BRL	5.00 ug/l	5	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	5.00 ug/l	5	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	5.00 ug/l	5	"	"	"	"	"	
1,2-Dichloropropane	BRL	5.00 ug/l	5	"	"	"	"	"	
1,3-Dichloropropane	BRL	5.00 ug/l	5	"	"	"	"	"	
2,2-Dichloropropane	BRL	5.00 ug/l	5	"	"	"	"	"	
1,1-Dichloropropene	BRL	5.00 ug/l	5	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	5.00 ug/l	5	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	5.00 ug/l	5	"	"	"	"	"	
Ethylbenzene	BRL	5.00 ug/l	5	"	"	"	"	"	
Hexachlorobutadiene	BRL	5.00 ug/l	5	"	"	"	"	"	
2-Hexanone (MBK)	BRL	50.0 ug/l	5	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi-MW-15 (0104) SA07307-07	0013172	Ground Water	15-Jan-04 11:20	16-Jan-04

Analyte(s)	*Result*	*RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							R-05
Isopropylbenzene	BRL	5.00 ug/l	5	"	"	"	"	"	
4-Isopropyltoluene	BRL	5.00 ug/l	5	"	"	"	"	"	
Methyl tert-butyl ether	BRL	5.00 ug/l	5	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	50.0 ug/l	5	"	"	"	"	"	
Methylene chloride	BRL	50.0 ug/l	5	"	"	"	"	"	
Naphthalene	8.60	5.00 ug/l	5	"	"	"	"	"	
n-Propylbenzene	BRL	5.00 ug/l	5	"	"	"	"	"	
Styrene	BRL	5.00 ug/l	5	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	5.00 ug/l	5	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	5.00 ug/l	5	"	"	"	"	"	
Tetrachloroethene	BRL	5.00 ug/l	5	"	"	"	"	"	
Toluene	BRL	5.00 ug/l	5	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	5.00 ug/l	5	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	5.00 ug/l	5	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	5.00 ug/l	5	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	5.00 ug/l	5	"	"	"	"	"	
Trichloroethene	BRL	5.00 ug/l	5	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	5.00 ug/l	5	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	5.00 ug/l	5	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	5.00 ug/l	5	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	5.00 ug/l	5	"	"	"	"	"	
Vinyl chloride	BRL	5.00 ug/l	5	"	"	"	"	"	
m,p-Xylene	BRL	10.0 ug/l	5	"	"	"	"	"	
o-Xylene	BRL	5.00 ug/l	5	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*94.0*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*99.0*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*103*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*101*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi-MW-15 (0104) SA07307-07	0013172	Ground Water	15-Jan-04 11:20	16-Jan-04

Analyte(s)	*Result*	*RDL/Units	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3535									
Acenaphthene	BRL	5.00 ug/l	1	SW846 8270C	16-Jan-04	17-Jan-04	4010776	M.B	
Acenaphthylene	BRL	5.00 ug/l	1	"	"	"	"	"	
Aniline	BRL	5.00 ug/l	1	"	"	"	"	"	
Anthracene	BRL	5.00 ug/l	1	"	"	"	"	"	
Azobenzene/Diphenyldiazine	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzidine	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (a) anthracene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (a) pyrene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (b) fluoranthene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (g,h,i) perylene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzo (k) fluoranthene	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzoic acid	BRL	5.00 ug/l	1	"	"	"	"	"	
Benzyl alcohol	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-chloroethoxy)methane	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-chloroethyl)ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Bromophenyl phenyl ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Butyl benzyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
Carbazole	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Chloro-3-methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Chloroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Chloronaphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Chlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Chlorophenyl phenyl ether	BRL	5.00 ug/l	1	"	"	"	"	"	
Chrysene	BRL	5.00 ug/l	1	"	"	"	"	"	
Dibenzo (a,h) anthracene	BRL	5.00 ug/l	1	"	"	"	"	"	
Dibenzofuran	BRL	5.00 ug/l	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
3,3'-Dichlorobenzidine	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dichlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Diethyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
Dimethyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dimethylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Di-n-butyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dinitrophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4-Dinitrotoluene	BRL	5.00 ug/l	1	"	"	"	"	"	
2,6-Dinitrotoluene	BRL	5.00 ug/l	1	"	"	"	"	"	
Di-n-octyl phthalate	BRL	5.00 ug/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi-MW-15 (0104) SA07307-07	0013172	Ground Water	15-Jan-04 11:20	16-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GCMS									
Semivolatile Organic Compounds by SW846 8270C Prepared by method SW846 3535									
Fluoranthene	BRL	5.00 ug/l	1	"	"	"	"	"	
Fluorene	BRL	5.00 ug/l	1	"	"	"	"	"	
Hexachlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	5.00 ug/l	1	"	"	"	"	"	
Hexachlorocyclopentadiene	BRL	5.00 ug/l	1	"	"	"	"	"	
Hexachloroethane	BRL	5.00 ug/l	1	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	BRL	5.00 ug/l	1	"	"	"	"	"	
1-Methylnaphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
Isophorone	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Methylnaphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
3-Methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Methylphenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Naphthalene	BRL	5.00 ug/l	1	"	"	"	"	"	
2-Nitroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
3-Nitroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
4-Nitroaniline	BRL	5.00 ug/l	1	"	"	"	"	"	
Nitrobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
-Nitrophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
+-Nitrophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
N-Nitrosodimethylamine	BRL	5.00 ug/l	1	"	"	"	"	"	
N-Nitrosodi-n-propylamine	BRL	5.00 ug/l	1	"	"	"	"	"	
N-Nitrosodiphenylamine	BRL	5.00 ug/l	1	"	"	"	"	"	
Pentachlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Phenanthrene	BRL	5.00 ug/l	1	"	"	"	"	"	
Phenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Pyrene	BRL	5.00 ug/l	1	"	"	"	"	"	
Pyridine	BRL	5.00 ug/l	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4,5-Trichlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
2,4,6-Trichlorophenol	BRL	5.00 ug/l	1	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl	*66.0*	*30-130 %*		"	"	"	"	"	
Surrogate: 2-Fluorophenol	*66.5*	*15-110 %*		"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*95.0*	*30-130 %*		"	"	"	"	"	
Surrogate: Phenol-d5	*77.5*	*15-110 %*		"	"	"	"	"	
Surrogate: Terphenyl-d14	*81.0*	*30-130 %*		"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol	*42.0*	*15-110 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi-TB (150104) SA07307-08	0013172	Aqueous	15-Jan-04 14:00	16-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Acetone	BRL	20.0 ug/l	1	SW 846 8260B	16-Jan-04	17-Jan-04	4010793	KL	
Acrylonitrile	BRL	1.00 ug/l	1	"	"	"	"	"	
Benzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromodichloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromoform	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromomethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Butanone (MEK)	BRL	10.0 ug/l	1	"	"	"	"	"	
n-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
sec-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
tert-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Carbon disulfide	BRL	5.00 ug/l	1	"	"	"	"	"	
Carbon tetrachloride	BRL	1.00 ug/l	1	"	"	"	"	"	
Chlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Chloroethane	BRL	2.00 ug/l	1	"	"	"	"	"	
Chloroform	BRL	1.00 ug/l	1	"	"	"	"	"	
Chloromethane	BRL	2.00 ug/l	1	"	"	"	"	"	
-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	2.00 ug/l	1	"	"	"	"	"	
Dibromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	1.00 ug/l	1	"	"	"	"	"	
Dibromomethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	2.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	1.50 ug/l	1	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
2,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
Ethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	1.00 ug/l	1	"	"	"	"	"	
-Hexanone (MBK)	BRL	10.0 ug/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi-TB (150104) SA07307-08	0013172	Aqueous	15-Jan-04 14:00	16-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Isopropylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Isopropyltoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
Methyl tert-butyl ether	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	10.0 ug/l	1	"	"	"	"	"	
Methylene chloride	BRL	10.0 ug/l	1	"	"	"	"	"	
Naphthalene	BRL	1.00 ug/l	1	"	"	"	"	"	
n-Propylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Styrene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Tetrachloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
Toluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Trichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Vinyl chloride	BRL	1.00 ug/l	1	"	"	"	"	"	
m,p-Xylene	BRL	2.00 ug/l	1	"	"	"	"	"	
o-Xylene	BRL	1.00 ug/l	1	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*94.3*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*100*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*107*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*107*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi-H2O Tank SA07307-09	0013172	Storage Tank	15-Jan-04 14:50	16-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Acetone	BRL	20.0 ug/l	1	SW 846 8260B	16-Jan-04	17-Jan-04	4010793	KL	
Acrylonitrile	BRL	1.00 ug/l	1	"	"	"	"	"	
Benzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromodichloromethane	3.15	1.00 ug/l	1	"	"	"	"	"	
Bromoform	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromomethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Butanone (MEK)	BRL	10.0 ug/l	1	"	"	"	"	"	
n-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
sec-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
tert-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Carbon disulfide	BRL	5.00 ug/l	1	"	"	"	"	"	
Carbon tetrachloride	BRL	1.00 ug/l	1	"	"	"	"	"	
Chlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Chloroethane	BRL	2.00 ug/l	1	"	"	"	"	"	
Chloroform	6.46	1.00 ug/l	1	"	"	"	"	"	
Chloromethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	2.00 ug/l	1	"	"	"	"	"	
Dibromochloromethane	1.07	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	1.00 ug/l	1	"	"	"	"	"	
Dibromomethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	2.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	1.50 ug/l	1	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
2,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
Ethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	1.00 ug/l	1	"	"	"	"	"	
2-Hexanone (MBK)	BRL	10.0 ug/l	1	"	"	"	"	"	

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*Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi-H2O Tank SA07307-09	0013172	Storage Tank	15-Jan-04 14:50	16-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Isopropylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Isopropyltoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
Methyl tert-butyl ether	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	10.0 ug/l	1	"	"	"	"	"	
Methylene chloride	BRL	10.0 ug/l	1	"	"	"	"	"	
Naphthalene	BRL	1.00 ug/l	1	"	"	"	"	"	
n-Propylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Styrene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Tetrachloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
Toluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Trichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	1.00 ug/l	1	"	"	"	"	"	
2,3-Trichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Vinyl chloride	BRL	1.00 ug/l	1	"	"	"	"	"	
m,p-Xylene	BRL	2.00 ug/l	1	"	"	"	"	"	
o-Xylene	BRL	1.00 ug/l	1	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*91.0*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*99.3*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*112*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*108*	*70-130 %*		"	"	"	"	"	

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010793 - Volatiles										
Blank (4010793-BLK1)				Prepared: 16-Jan-04 Analyzed: 17-Jan-04						
Acetone	BRL	20.0	ug/l							
Acrylonitrile	BRL	1.00	ug/l							
Benzene	BRL	1.00	ug/l							
Bromobenzene	BRL	1.00	ug/l							
Bromochloromethane	BRL	1.00	ug/l							
Bromodichloromethane	BRL	1.00	ug/l							
Bromoform	BRL	1.00	ug/l							
Bromomethane	BRL	2.00	ug/l							
2-Butanone (MEK)	BRL	10.0	ug/l							
n-Butylbenzene	BRL	1.00	ug/l							
sec-Butylbenzene	BRL	1.00	ug/l							
tert-Butylbenzene	BRL	1.00	ug/l							
Carbon disulfide	BRL	5.00	ug/l							
Carbon tetrachloride	BRL	1.00	ug/l							
Chlorobenzene	BRL	1.00	ug/l							
Chloroethane	BRL	2.00	ug/l							
Chloroform	BRL	1.00	ug/l							
Chloromethane	BRL	2.00	ug/l							
2-Chlorotoluene	BRL	1.00	ug/l							
4-Chlorotoluene	BRL	1.00	ug/l							
1,2-Dibromo-3-chloropropane	BRL	2.00	ug/l							
Dibromochloromethane	BRL	1.00	ug/l							
1,2-Dibromoethane (EDB)	BRL	1.00	ug/l							
Dibromomethane	BRL	1.00	ug/l							
1,2-Dichlorobenzene	BRL	1.00	ug/l							
1,3-Dichlorobenzene	BRL	1.00	ug/l							
1,4-Dichlorobenzene	BRL	1.00	ug/l							
Dichlorodifluoromethane (Freon12)	BRL	2.00	ug/l							
1,1-Dichloroethane	BRL	1.00	ug/l							
1,2-Dichloroethane	BRL	1.00	ug/l							
1,1-Dichloroethene	BRL	1.00	ug/l							
cis-1,2-Dichloroethene	BRL	1.50	ug/l							
trans-1,2-Dichloroethene	BRL	1.00	ug/l							
1,2-Dichloropropane	BRL	1.00	ug/l							
1,3-Dichloropropane	BRL	1.00	ug/l							
2,2-Dichloropropane	BRL	1.00	ug/l							
1,1-Dichloropropene	BRL	1.00	ug/l							
cis-1,3-Dichloropropene	BRL	1.00	ug/l							
trans-1,3-Dichloropropene	BRL	1.00	ug/l							
Ethylbenzene	BRL	1.00	ug/l							
Hexachlorobutadiene	BRL	1.00	ug/l							
2-Hexanone (MBK)	BRL	10.0	ug/l							
Isopropylbenzene	BRL	1.00	ug/l							
4-Isopropyltoluene	BRL	1.00	ug/l							
Methyl tert-butyl ether	BRL	1.00	ug/l							
4-Methyl-2-pentanone (MIBK)	BRL	10.0	ug/l							
Methylene chloride	BRL	10.0	ug/l							
Naphthalene	BRL	1.00	ug/l							
n-Propylbenzene	BRL	1.00	ug/l							
Styrene	BRL	1.00	ug/l							
1,1,1,2-Tetrachloroethane	BRL	1.00	ug/l							
1,1,2,2-Tetrachloroethane	BRL	1.00	ug/l							
Tetrachloroethene	BRL	1.00	ug/l							
Toluene	BRL	1.00	ug/l							

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010793 - Volatiles										
Blank (4010793-BLK1)				Prepared: 16-Jan-04 Analyzed: 17-Jan-04						
1,2,3-Trichlorobenzene	BRL	1.00	ug/l							
1,2,4-Trichlorobenzene	BRL	1.00	ug/l							
1,1,1-Trichloroethane	BRL	1.00	ug/l							
1,1,2-Trichloroethane	BRL	1.00	ug/l							
Trichloroethene	BRL	1.00	ug/l							
Trichlorofluoromethane (Freon 11)	BRL	1.00	ug/l							
1,2,3-Trichloropropane	BRL	1.00	ug/l							
1,2,4-Trimethylbenzene	BRL	1.00	ug/l							
1,3,5-Trimethylbenzene	BRL	1.00	ug/l							
Vinyl chloride	BRL	1.00	ug/l							
m,p-Xylene	BRL	2.00	ug/l							
o-Xylene	BRL	1.00	ug/l							
Surrogate: 4-Bromofluorobenzene	*27.7*		ug/l	*30.0*		*92.3*	*70-130*			
Surrogate: Toluene-d8	*29.7*		ug/l	*30.0*		*99.0*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*31.3*		ug/l	*30.0*		*104*	*70-130*			
Surrogate: Dibromofluoromethane	*31.4*		ug/l	*30.0*		*105*	*70-130*			
Matrix Spike (4010793-MS1)	Source: SA07307-09			Prepared: 16-Jan-04 Analyzed: 17-Jan-04						
Benzene	20.3		ug/l	20.0	BRL	102	70-130			
Chlorobenzene	21.6		ug/l	20.0	BRL	108	70-130			
1,1-Dichloroethene	19.8		ug/l	20.0	BRL	99.0	70-130			
Toluene	20.1		ug/l	20.0	BRL	100	70-130			
Trichloroethene	20.0		ug/l	20.0	BRL	100	70-130			
Surrogate: 4-Bromofluorobenzene	*31.0*		ug/l	*30.0*		*103*	*70-130*			
Surrogate: Toluene-d8	*29.6*		ug/l	*30.0*		*98.7*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*32.1*		ug/l	*30.0*		*107*	*70-130*			
Surrogate: Dibromofluoromethane	*31.0*		ug/l	*30.0*		*103*	*70-130*			
Matrix Spike Dup (4010793-MSD1)	Source: SA07307-09			Prepared: 16-Jan-04 Analyzed: 17-Jan-04						
Benzene	20.1		ug/l	20.0	BRL	100	70-130	1.98	30	
Chlorobenzene	21.2		ug/l	20.0	BRL	106	70-130	1.87	30	
1,1-Dichloroethene	19.8		ug/l	20.0	BRL	99.0	70-130	0.00	30	
Toluene	20.1		ug/l	20.0	BRL	100	70-130	0.00	30	
Trichloroethene	19.9		ug/l	20.0	BRL	99.5	70-130	0.501	30	
Surrogate: 4-Bromofluorobenzene	*30.9*		ug/l	*30.0*		*103*	*70-130*			
Surrogate: Toluene-d8	*29.9*		ug/l	*30.0*		*99.7*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*32.1*		ug/l	*30.0*		*107*	*70-130*			
Surrogate: Dibromofluoromethane	*31.1*		ug/l	*30.0*		*104*	*70-130*			
Batch 4010861 - Volatiles										
Blank (4010861-BLK1)				Prepared & Analyzed: 19-Jan-04						
Acetone	BRL	20.0	ug/l							
Acrylonitrile	BRL	1.00	ug/l							
Benzene	BRL	1.00	ug/l							
Bromobenzene	BRL	1.00	ug/l							
Bromochloromethane	BRL	1.00	ug/l							
Bromodichloromethane	BRL	1.00	ug/l							
Bromoform	BRL	1.00	ug/l							
Bromomethane	BRL	2.00	ug/l							
2-Butanone (MEK)	BRL	10.0	ug/l							
n-Butylbenzene	BRL	1.00	ug/l							
sec-Butylbenzene	BRL	1.00	ug/l							
tert-Butylbenzene	BRL	1.00	ug/l							
Carbon disulfide	BRL	5.00	ug/l							
Carbon tetrachloride	BRL	1.00	ug/l							

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010861 - Volatiles										
Blank (4010861-BLK1)				Prepared & Analyzed: 19-Jan-04						
Chlorobenzene	BRL	1.00	ug/l							
Chloroethane	BRL	2.00	ug/l							
Chloroform	BRL	1.00	ug/l							
Chloromethane	BRL	2.00	ug/l							
2-Chlorotoluene	BRL	1.00	ug/l							
4-Chlorotoluene	BRL	1.00	ug/l							
1,2-Dibromo-3-chloropropane	BRL	2.00	ug/l							
Dibromochloromethane	BRL	1.00	ug/l							
1,2-Dibromoethane (EDB)	BRL	1.00	ug/l							
Dibromomethane	BRL	1.00	ug/l							
1,2-Dichlorobenzene	BRL	1.00	ug/l							
1,3-Dichlorobenzene	BRL	1.00	ug/l							
1,4-Dichlorobenzene	BRL	1.00	ug/l							
Dichlorodifluoromethane (Freon12)	BRL	2.00	ug/l							
1,1-Dichloroethane	BRL	1.00	ug/l							
1,2-Dichloroethane	BRL	1.00	ug/l							
1,1-Dichloroethene	BRL	1.00	ug/l							
cis-1,2-Dichloroethene	BRL	1.00	ug/l							
trans-1,2-Dichloroethene	BRL	1.00	ug/l							
1,2-Dichloropropane	BRL	1.00	ug/l							
1,3-Dichloropropane	BRL	1.00	ug/l							
2,2-Dichloropropane	BRL	1.00	ug/l							
1,1-Dichloropropene	BRL	1.00	ug/l							
cis-1,3-Dichloropropene	BRL	1.00	ug/l							
trans-1,3-Dichloropropene	BRL	1.00	ug/l							
Ethylbenzene	BRL	1.00	ug/l							
Hexachlorobutadiene	BRL	1.00	ug/l							
2-Hexanone (MBK)	BRL	10.0	ug/l							
Isopropylbenzene	BRL	1.00	ug/l							
4-Isopropyltoluene	BRL	1.00	ug/l							
Methyl tert-butyl ether	BRL	1.00	ug/l							
4-Methyl-2-pentanone (MIBK)	BRL	10.0	ug/l							
Methylene chloride	BRL	10.0	ug/l							
Naphthalene	BRL	1.00	ug/l							
n-Propylbenzene	BRL	1.00	ug/l							
Styrene	BRL	1.00	ug/l							
1,1,1,2-Tetrachloroethane	BRL	1.00	ug/l							
1,1,2,2-Tetrachloroethane	BRL	1.00	ug/l							
Tetrachloroethene	BRL	1.00	ug/l							
Toluene	BRL	1.00	ug/l							
1,2,3-Trichlorobenzene	BRL	1.00	ug/l							
1,2,4-Trichlorobenzene	BRL	1.00	ug/l							
1,1,1-Trichloroethane	BRL	1.00	ug/l							
1,1,2-Trichloroethane	BRL	1.00	ug/l							
Trichloroethene	BRL	1.00	ug/l							
Trichlorofluoromethane (Freon 11)	BRL	1.00	ug/l							
1,2,3-Trichloropropane	BRL	1.00	ug/l							
1,2,4-Trimethylbenzene	BRL	1.00	ug/l							
1,3,5-Trimethylbenzene	BRL	1.00	ug/l							
Vinyl chloride	BRL	1.00	ug/l							
m,p-Xylene	BRL	2.00	ug/l							
o-Xylene	BRL	1.00	ug/l							
Surrogate: 4-Bromofluorobenzene	*28.1*		ug/l	*30.0*		*93.7*	*70-130*			
Surrogate: Toluene-d8	*29.6*		ug/l	*30.0*		*98.7*	*70-130*			

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*Reportable Detection Limit BRL = Below Reporting Limit

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010861 - Volatiles										
Blank (4010861-BLK1)				Prepared & Analyzed: 19-Jan-04						
Surrogate: 1,2-Dichloroethane-d4	*30.6*		ug/l	*30.0*		*102*	*70-130*			
Surrogate: Dibromofluoromethane	*29.7*		ug/l	*30.0*		*99.0*	*70-130*			
Matrix Spike (4010861-MS1)		Source: SA07272-02		Prepared & Analyzed: 19-Jan-04						
Benzene	23.6		ug/l	20.0	BRL	118	70-130			
Chlorobenzene	23.4		ug/l	20.0	BRL	117	70-130			
1,1-Dichloroethene	24.0		ug/l	20.0	BRL	120	70-130			
Toluene	22.6		ug/l	20.0	BRL	113	70-130			
Trichloroethene	22.9		ug/l	20.0	BRL	114	70-130			
Surrogate: 4-Bromofluorobenzene	*27.5*		ug/l	*30.0*		*91.7*	*70-130*			
Surrogate: Toluene-d8	*28.8*		ug/l	*30.0*		*96.0*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*27.4*		ug/l	*30.0*		*91.3*	*70-130*			
Surrogate: Dibromofluoromethane	*29.4*		ug/l	*30.0*		*98.0*	*70-130*			
Matrix Spike Dup (4010861-MSD1)		Source: SA07272-02		Prepared & Analyzed: 19-Jan-04						
Benzene	23.2		ug/l	20.0	BRL	116	70-130	1.71	30	
Chlorobenzene	23.0		ug/l	20.0	BRL	115	70-130	1.72	30	
1,1-Dichloroethene	23.9		ug/l	20.0	BRL	120	70-130	0.00	30	
Toluene	22.8		ug/l	20.0	BRL	114	70-130	0.881	30	
Trichloroethene	22.4		ug/l	20.0	BRL	112	70-130	1.77	30	
Surrogate: 4-Bromofluorobenzene	*27.9*		ug/l	*30.0*		*93.0*	*70-130*			
Surrogate: Toluene-d8	*29.6*		ug/l	*30.0*		*98.7*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*27.4*		ug/l	*30.0*		*91.3*	*70-130*			
Surrogate: Dibromofluoromethane	*29.6*		ug/l	*30.0*		*98.7*	*70-130*			

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010777 - SW846 3535										
Blank (4010777-BLK1)				Prepared: 16-Jan-04 Analyzed: 19-Jan-04						
PCB 1016	BRL	0.100	ug/l							
PCB 1221	BRL	0.100	ug/l							
PCB 1232	BRL	0.100	ug/l							
PCB 1242	BRL	0.100	ug/l							
PCB 1248	BRL	0.100	ug/l							
PCB 1254	BRL	0.100	ug/l							
PCB 1260	BRL	0.100	ug/l							
PCB 1262	BRL	0.100	ug/l							
PCB 1268	BRL	0.100	ug/l							
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.230*		ug/l	*0.200*		*115*	*40-140*			
Surrogate: Decachlorobiphenyl (Sr)	*0.236*		ug/l	*0.200*		*118*	*40-140*			
Duplicate (4010777-DUP1)	Source: SA07307-01			Prepared: 16-Jan-04 Analyzed: 19-Jan-04						
PCB 1016	BRL	0.114	ug/l		BRL				30	
PCB 1221	BRL	0.114	ug/l		BRL				30	
PCB 1232	BRL	0.114	ug/l		BRL				30	
PCB 1242	BRL	0.114	ug/l		BRL				30	
PCB 1248	BRL	0.114	ug/l		BRL				30	
PCB 1254	BRL	0.114	ug/l		BRL				30	
PCB 1260	BRL	0.114	ug/l		BRL				30	
PCB 1262	BRL	0.114	ug/l		BRL				40	
PCB 1268	BRL	0.114	ug/l		BRL				40	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.193*		ug/l	*0.229*		*84.3*	*40-140*			
Surrogate: Decachlorobiphenyl (Sr)	*0.154*		ug/l	*0.229*		*67.2*	*40-140*			

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010776 - SW846 3535										
Blank (4010776-BLK1)				Prepared & Analyzed: 16-Jan-04						
Acenaphthene	BRL	5.00	ug/l							
Acenaphthylene	BRL	5.00	ug/l							
Aniline	BRL	5.00	ug/l							
Anthracene	BRL	5.00	ug/l							
Azobenzene/Diphenyldiazine	BRL	5.00	ug/l							
Benzidine	BRL	5.00	ug/l							
Benzo (a) anthracene	BRL	5.00	ug/l							
Benzo (a) pyrene	BRL	5.00	ug/l							
Benzo (b) fluoranthene	BRL	5.00	ug/l							
Benzo (g,h,i) perylene	BRL	5.00	ug/l							
Benzo (k) fluoranthene	BRL	5.00	ug/l							
Benzoic acid	BRL	5.00	ug/l							
Benzyl alcohol	BRL	5.00	ug/l							
Bis(2-chloroethoxy)methane	BRL	5.00	ug/l							
Bis(2-chloroethyl)ether	BRL	5.00	ug/l							
Bis(2-chloroisopropyl)ether	BRL	5.00	ug/l							
Bis(2-ethylhexyl)phthalate	BRL	5.00	ug/l							
4-Bromophenyl phenyl ether	BRL	5.00	ug/l							
Butyl benzyl phthalate	BRL	5.00	ug/l							
Carbazole	BRL	5.00	ug/l							
4-Chloro-3-methylphenol	BRL	5.00	ug/l							
4-Chloroaniline	BRL	5.00	ug/l							
2-Chloronaphthalene	BRL	5.00	ug/l							
2-Chlorophenol	BRL	5.00	ug/l							
4-Chlorophenyl phenyl ether	BRL	5.00	ug/l							
Chrysene	BRL	5.00	ug/l							
Dibenzo (a,h) anthracene	BRL	5.00	ug/l							
Dibenzofuran	BRL	5.00	ug/l							
1,2-Dichlorobenzene	BRL	5.00	ug/l							
1,3-Dichlorobenzene	BRL	5.00	ug/l							
1,4-Dichlorobenzene	BRL	5.00	ug/l							
3,3'-Dichlorobenzidine	BRL	5.00	ug/l							
2,4-Dichlorophenol	BRL	5.00	ug/l							
Diethyl phthalate	BRL	5.00	ug/l							
Dimethyl phthalate	BRL	5.00	ug/l							
2,4-Dimethylphenol	BRL	5.00	ug/l							
Di-n-butyl phthalate	BRL	5.00	ug/l							
4,6-Dinitro-2-methylphenol	BRL	5.00	ug/l							
2,4-Dinitrophenol	BRL	5.00	ug/l							
2,4-Dinitrotoluene	BRL	5.00	ug/l							
2,6-Dinitrotoluene	BRL	5.00	ug/l							
Di-n-octyl phthalate	BRL	5.00	ug/l							
Fluoranthene	BRL	5.00	ug/l							
Fluorene	BRL	5.00	ug/l							
Hexachlorobenzene	BRL	5.00	ug/l							
Hexachlorobutadiene	BRL	5.00	ug/l							
Hexachlorocyclopentadiene	BRL	5.00	ug/l							
Hexachloroethane	BRL	5.00	ug/l							
Indeno (1,2,3-cd) pyrene	BRL	5.00	ug/l							
1-Methylnaphthalene	BRL	5.00	ug/l							
Isophorone	BRL	5.00	ug/l							
2-Methylnaphthalene	BRL	5.00	ug/l							
2-Methylphenol	BRL	5.00	ug/l							
3-Methylphenol	BRL	5.00	ug/l							

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010776 - SW846 3535										
Blank (4010776-BLK1)				Prepared & Analyzed: 16-Jan-04						
4-Methylphenol	BRL	5.00	ug/l							
Naphthalene	BRL	5.00	ug/l							
2-Nitroaniline	BRL	5.00	ug/l							
3-Nitroaniline	BRL	5.00	ug/l							
4-Nitroaniline	BRL	5.00	ug/l							
Nitrobenzene	BRL	5.00	ug/l							
2-Nitrophenol	BRL	5.00	ug/l							
4-Nitrophenol	BRL	5.00	ug/l							
N-Nitrosodimethylamine	BRL	5.00	ug/l							
N-Nitrosodi-n-propylamine	BRL	5.00	ug/l							
N-Nitrosodiphenylamine	BRL	5.00	ug/l							
Pentachlorophenol	BRL	5.00	ug/l							
Phenanthrene	BRL	5.00	ug/l							
Phenol	BRL	5.00	ug/l							
Pyrene	BRL	5.00	ug/l							
Pyridine	BRL	5.00	ug/l							
1,2,4-Trichlorobenzene	BRL	5.00	ug/l							
2,4,5-Trichlorophenol	BRL	5.00	ug/l							
2,4,6-Trichlorophenol	BRL	5.00	ug/l							
Surrogate: 2-Fluorobiphenyl	*36.2*		ug/l	*100*		*36.2*	*30-130*			
Surrogate: 2-Fluorophenol	*32.4*		ug/l	*100*		*32.4*	*15-110*			
Surrogate: Nitrobenzene-d5	*30.8*		ug/l	*100*		*30.8*	*30-130*			
Surrogate: Phenol-d5	*31.0*		ug/l	*100*		*31.0*	*15-110*			
Surrogate: Terphenyl-d14	*40.9*		ug/l	*100*		*40.9*	*30-130*			
Surrogate: 2,4,6-Tribromophenol	*24.7*		ug/l	*100*		*24.7*	*15-110*			
Duplicate (4010776-DUP1)		Source: SA07307-01		Prepared & Analyzed: 16-Jan-04						
Acenaphthene	BRL	5.00	ug/l		BRL				50	
Acenaphthylene	BRL	5.00	ug/l		BRL				50	
Aniline	BRL	5.00	ug/l		BRL				50	
Anthracene	BRL	5.00	ug/l		BRL				50	
Azobenzene/Diphenyldiazine	BRL	5.00	ug/l		BRL				50	
Benzidine	BRL	5.00	ug/l		BRL				50	
Benzo (a) anthracene	BRL	5.00	ug/l		BRL				50	
Benzo (a) pyrene	BRL	5.00	ug/l		BRL				50	
Benzo (b) fluoranthene	BRL	5.00	ug/l		BRL				50	
Benzo (g,h,i) perylene	BRL	5.00	ug/l		BRL				50	
Benzo (k) fluoranthene	BRL	5.00	ug/l		BRL				50	
Benzoic acid	BRL	5.00	ug/l		BRL				50	
Benzyl alcohol	BRL	5.00	ug/l		0.229				50	
Bis(2-chloroethoxy)methane	BRL	5.00	ug/l		BRL				50	
Bis(2-chloroethyl)ether	BRL	5.00	ug/l		BRL				50	
Bis(2-chloroisopropyl)ether	BRL	5.00	ug/l		BRL				50	
Bis(2-ethylhexyl)phthalate	BRL	5.00	ug/l		BRL				50	
4-Bromophenyl phenyl ether	BRL	5.00	ug/l		BRL				50	
Butyl benzyl phthalate	BRL	5.00	ug/l		BRL				50	
Carbazole	BRL	5.00	ug/l		BRL				50	
4-Chloro-3-methylphenol	BRL	5.00	ug/l		BRL				50	
4-Chloroaniline	BRL	5.00	ug/l		BRL				50	
2-Chloronaphthalene	BRL	5.00	ug/l		BRL				50	
2-Chlorophenol	BRL	5.00	ug/l		BRL				50	
4-Chlorophenyl phenyl ether	BRL	5.00	ug/l		BRL				50	
Chrysene	BRL	5.00	ug/l		BRL				50	
Dibenzo (a,h) anthracene	BRL	5.00	ug/l		BRL				50	

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*Reportable Detection Limit BRL = Below Reporting Limit

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010776 - SW846 3535										
Duplicate (4010776-DUP1)	Source: SA07307-01			Prepared & Analyzed: 16-Jan-04						
Dibenzofuran	BRL	5.00	ug/l		BRL				50	
1,2-Dichlorobenzene	BRL	5.00	ug/l		BRL				50	
1,3-Dichlorobenzene	BRL	5.00	ug/l		BRL				50	
1,4-Dichlorobenzene	BRL	5.00	ug/l		BRL				50	
3,3'-Dichlorobenzidine	BRL	5.00	ug/l		BRL				50	
2,4-Dichlorophenol	BRL	5.00	ug/l		BRL				50	
Diethyl phthalate	BRL	5.00	ug/l		BRL				50	
Dimethyl phthalate	BRL	5.00	ug/l		BRL				50	
2,4-Dimethylphenol	BRL	5.00	ug/l		BRL				50	
Di-n-butyl phthalate	BRL	5.00	ug/l		BRL				50	
4,6-Dinitro-2-methylphenol	BRL	5.00	ug/l		BRL				50	
2,4-Dinitrophenol	BRL	5.00	ug/l		BRL				50	
2,4-Dinitrotoluene	BRL	5.00	ug/l		BRL				50	
2,6-Dinitrotoluene	BRL	5.00	ug/l		BRL				50	
Di-n-octyl phthalate	BRL	5.00	ug/l		BRL				50	
Fluoranthene	BRL	5.00	ug/l		BRL				50	
Fluorene	BRL	5.00	ug/l		BRL				50	
Hexachlorobenzene	BRL	5.00	ug/l		BRL				50	
Hexachlorobutadiene	BRL	5.00	ug/l		BRL				50	
Hexachlorocyclopentadiene	BRL	5.00	ug/l		BRL				50	
Hexachloroethane	BRL	5.00	ug/l		BRL				50	
Indeno (1,2,3-cd) pyrene	BRL	5.00	ug/l		BRL				50	
1-Methylnaphthalene	BRL	5.00	ug/l		BRL				200	
Isophorone	BRL	5.00	ug/l		BRL				50	
2-Methylnaphthalene	BRL	5.00	ug/l		BRL				50	
3-Methylphenol	BRL	5.00	ug/l		BRL				50	
2-Methylphenol	BRL	5.00	ug/l		BRL				50	
4-Methylphenol	BRL	5.00	ug/l		BRL				50	
Naphthalene	BRL	5.00	ug/l		BRL				50	
2-Nitroaniline	BRL	5.00	ug/l		BRL				50	
3-Nitroaniline	BRL	5.00	ug/l		BRL				50	
4-Nitroaniline	BRL	5.00	ug/l		BRL				50	
Nitrobenzene	BRL	5.00	ug/l		BRL				50	
2-Nitrophenol	BRL	5.00	ug/l		BRL				50	
4-Nitrophenol	BRL	5.00	ug/l		BRL				50	
N-Nitrosodimethylamine	BRL	5.00	ug/l		BRL				50	
N-Nitrosodi-n-propylamine	BRL	5.00	ug/l		BRL				50	
N-Nitrosodiphenylamine	BRL	5.00	ug/l		BRL				50	
Pentachlorophenol	BRL	5.00	ug/l		BRL				50	
Phenanthrene	BRL	5.00	ug/l		BRL				50	
Phenol	BRL	5.00	ug/l		BRL				50	
Pyrene	BRL	5.00	ug/l		BRL				50	
Pyridine	BRL	5.00	ug/l		BRL				50	
1,2,4-Trichlorobenzene	BRL	5.00	ug/l		BRL				50	
2,4,5-Trichlorophenol	BRL	5.00	ug/l		BRL				50	
2,4,6-Trichlorophenol	BRL	5.00	ug/l		BRL				50	
Surrogate: 2-Fluorobiphenyl	*67.8*		ug/l	*114*		*59.5*	*30-130*			
Surrogate: 2-Fluorophenol	*59.6*		ug/l	*114*		*52.3*	*15-110*			
Surrogate: Nitrobenzene-d5	*58.7*		ug/l	*114*		*51.5*	*30-130*			
Surrogate: Phenol-d5	*57.0*		ug/l	*114*		*50.0*	*15-110*			
Surrogate: Terphenyl-d14	*66.3*		ug/l	*114*		*58.2*	*30-130*			
Surrogate: 2,4,6-Tribromophenol	*46.8*		ug/l	*114*		*41.1*	*15-110*			

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*Reportable Detection Limit BRL = Below Reporting Limit

Total Metals by EPA 200 Series Methods - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010798 - EPA 200 Series										
Blank (4010798-BLK1)				Prepared & Analyzed: 16-Jan-04						
Antimony	BRL	0.0060	mg/l							
Iron	0.0153	0.0025	mg/l							QB-01
Lead	BRL	0.0038	mg/l							
Magnesium	BRL	0.0125	mg/l							
Manganese	0.0014	0.0005	mg/l							QB-01
Nickel	BRL	0.0025	mg/l							
Potassium	0.174	0.0500	mg/l							QB-01
Selenium	BRL	0.0075	mg/l							
Sodium	0.782	0.0250	mg/l							QB-01
Thallium	BRL	0.0050	mg/l							
Zinc	BRL	0.0138	mg/l							
Aluminum	BRL	1.15	mg/l							
Arsenic	BRL	0.0040	mg/l							
Barium	0.0036	0.0025	mg/l							QB-01
Beryllium	BRL	0.0010	mg/l							
Cadmium	BRL	0.0012	mg/l							
Calcium	0.0592	0.0250	mg/l							QB-01
Chromium	BRL	0.0025	mg/l							
Cobalt	BRL	0.0025	mg/l							
Copper	BRL	0.0025	mg/l							
Silver	BRL	0.0050	mg/l							
Vanadium	BRL	0.0025	mg/l							
LCS (4010798-BS1)				Prepared & Analyzed: 16-Jan-04						
Antimony	0.0944	0.0060	mg/l	0.100		94.4	85-115			
Iron	0.102	0.0010	mg/l	0.100		102	85-115			
Lead	0.0875	0.0038	mg/l	0.100		87.5	85-115			
Magnesium	0.100	0.0125	mg/l	0.100		100	85-115			
Manganese	0.0934	0.0005	mg/l	0.100		93.4	85-115			
Nickel	0.0918	0.0025	mg/l	0.100		91.8	85-115			
Potassium	0.929	0.0020	mg/l	1.00		92.9	85-115			
Selenium	0.0958	0.0075	mg/l	0.100		95.8	85-115			
Sodium	0.0947	0.0010	mg/l	0.100		94.7	85-115			
Thallium	0.0872	0.0050	mg/l	0.100		87.2	85-115			
Zinc	0.103	0.0025	mg/l	0.100		103	85-115			
Aluminum	0.0950	0.0030	mg/l	0.100		95.0	85-115			
Arsenic	0.0925	0.0040	mg/l	0.100		92.5	85-115			
Barium	0.0939	0.0025	mg/l	0.100		93.9	85-115			
Beryllium	0.0939	0.0010	mg/l	0.100		93.9	85-115			
Cadmium	0.0915	0.0012	mg/l	0.100		91.5	85-115			
Calcium	0.0954	0.0100	mg/l	0.100		95.4	85-115			
Chromium	0.0923	0.0025	mg/l	0.100		92.3	85-115			
Cobalt	0.0889	0.0025	mg/l	0.100		88.9	85-115			
Copper	0.0998	0.0025	mg/l	0.100		99.8	85-115			
Silver	0.0444	0.0050	mg/l	0.0500		88.8	85-115			
Vanadium	0.0946	0.0025	mg/l	0.100		94.6	85-115			
Duplicate (4010798-DUP1)			Source: SA07307-01	Prepared & Analyzed: 16-Jan-04						
Antimony	BRL	0.0060	mg/l		BRL				20	
Iron	0.628	0.0025	mg/l		0.633			0.793	20	
Lead	BRL	0.0038	mg/l		BRL				20	
Magnesium	22.0	0.0125	mg/l		22.9			4.01	20	
Manganese	0.635	0.0005	mg/l		0.656			3.25	20	
Nickel	BRL	0.0025	mg/l		0.0020			9.52	20	
Potassium	3.86	0.0500	mg/l		4.00			3.56	20	

Total Metals by EPA 200 Series Methods - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010798 - EPA 200 Series										
Duplicate (4010798-DUP1)	Source: SA07307-01			Prepared & Analyzed: 16-Jan-04						
Selenium	BRL	0.0075	mg/l		BRL				20	
Sodium	197	0.500	mg/l		207			4.95	200	
Thallium	BRL	0.0050	mg/l		BRL				20	
Zinc	0.0553	0.0025	mg/l		0.0573			3.55	20	
Aluminum	BRL	1.15	mg/l		0.469			3.77	20	
Arsenic	BRL	0.0040	mg/l		BRL				20	
Barium	0.127	0.0025	mg/l		0.131			3.10	20	
Beryllium	BRL	0.0010	mg/l		BRL				20	
Cadmium	BRL	0.0012	mg/l		BRL				20	
Calcium	100	0.0250	mg/l		103			2.96	20	
Chromium	0.0072	0.0025	mg/l		0.0080			10.5	20	
Cobalt	BRL	0.0025	mg/l		0.0014			0.00	20	
Copper	BRL	0.0025	mg/l		0.0041			87.7	20	Z-2
Silver	BRL	0.0050	mg/l		BRL				20	
Vanadium	BRL	0.0025	mg/l		0.0006			40.0	25	QR-04
Matrix Spike (4010798-MS1)	Source: SA07307-02			Prepared & Analyzed: 16-Jan-04						
Antimony	0.0689	0.0060	mg/l	0.100	BRL	68.9	70-130			QM-07
Iron	8.34	0.0025	mg/l	0.100	8.20	140	70-130			QM-02
Lead	0.0834	0.0038	mg/l	0.100	0.0082	75.2	70-130			
Magnesium	17.4	0.0125	mg/l	0.100	23.7	NR	70-130			QM-4X
Manganese	1.13	0.0005	mg/l	0.100	1.06	70.0	70-130			
Nickel	0.114	0.0025	mg/l	0.100	0.0374	76.6	70-130			
Potassium	10.5	0.0500	mg/l	1.00	9.22	128	70-130			
Selenium	0.0775	0.0075	mg/l	0.100	BRL	77.5	70-130			
Sodium	118	0.0250	mg/l	0.100	227	NR	70-130			QM-02
Thallium	0.0780	0.0050	mg/l	0.100	BRL	78.0	70-130			
Zinc	2.05	0.0025	mg/l	0.100	1.94	110	70-130			
Aluminum	5.35	0.0075	mg/l	0.100	4.93	420	70-130			QM-4X
Arsenic	0.0902	0.0040	mg/l	0.100	0.0036	86.6	70-130			
Barium	0.275	0.0025	mg/l	0.100	0.196	79.0	70-130			
Beryllium	0.0823	0.0010	mg/l	0.100	0.0002	82.1	70-130			
Cadmium	0.0781	0.0012	mg/l	0.100	0.0008	77.3	70-130			
Calcium	104	0.0250	mg/l	0.100	104	0.00	70-130			QM-02
Chromium	0.323	0.0025	mg/l	0.100	0.244	79.0	70-130			
Cobalt	0.0794	0.0025	mg/l	0.100	0.0041	75.3	70-130			
Copper	0.109	0.0025	mg/l	0.100	0.0224	86.6	70-130			
Silver	0.0422	0.0050	mg/l	0.0500	BRL	84.4	70-130			
Vanadium	0.0896	0.0025	mg/l	0.100	0.0060	83.6	70-130			
Batch 4010799 - EPA200/SW7000 Series										
Blank (4010799-BLK1)				Prepared: 16-Jan-04 Analyzed: 19-Jan-04						
Mercury	BRL	0.00040	mg/l							
LCS (4010799-BS1)				Prepared: 16-Jan-04 Analyzed: 19-Jan-04						
Mercury	0.00514	0.00040	mg/l	0.00500		103	80-120			
Duplicate (4010799-DUP1)	Source: SA07307-03			Prepared: 16-Jan-04 Analyzed: 19-Jan-04						
Mercury	BRL	0.00040	mg/l		BRL				20	
Matrix Spike (4010799-MS1)	Source: SA07307-04			Prepared: 16-Jan-04 Analyzed: 19-Jan-04						
Mercury	0.00559	0.00040	mg/l	0.00500	BRL	112	75-125			
Matrix Spike Dup (4010799-MSD1)	Source: SA07307-04			Prepared: 16-Jan-04 Analyzed: 19-Jan-04						
Mercury	0.00491	0.00040	mg/l	0.00500	BRL	98.2	75-125	13.0	20	

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*Reportable Detection Limit BRL = Below Reporting Limit

General Chemistry Parameters - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010782 - General Preparation										
Blank (4010782-BLK1)				Prepared & Analyzed: 16-Jan-04						
Hexavalent Chromium	BRL	0.005	mg/l							
LCS (4010782-BS1)				Prepared & Analyzed: 16-Jan-04						
Hexavalent Chromium	0.050	0.005	mg/l	0.0500		100	90-110			
Duplicate (4010782-DUP1)	Source: SA07307-04			Prepared & Analyzed: 16-Jan-04						
Hexavalent Chromium	0.040	0.025	mg/l		0.025			46.2	20	R-01, Z-2a
Matrix Spike (4010782-MS1)	Source: SA07307-04			Prepared & Analyzed: 16-Jan-04						
Hexavalent Chromium	0.260	0.025	mg/l	0.250	0.025	94.0	80-120			R-01
Reference (4010782-SRM1)				Prepared & Analyzed: 16-Jan-04						
Hexavalent Chromium	0.027	0.005	mg/l	0.0250		108	85-115			
Batch 4010852 - General Preparation										
LCS (4010852-BS1)				Prepared & Analyzed: 16-Jan-04						
Cyanide (total)	0.284	0.0100	mg/l	0.300		94.7	90-110			

Notes and Definitions

QB-01	The method blank contains analyte at a concentration above the MRL; however, concentration is less than 10% of the sample result, which is negligible according to method criteria.
QC-1	Analyte out of acceptance range.
QM-02	The RPD and/or percent recovery for this QC spike sample cannot be accurately calculated due to the high concentration of analyte inherent in the sample.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM-4X	The spike recovery was outside of QC acceptance limits for the MS and/or MSD due to analyte concentration at 4 times or greater the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits.
QR-04	Analyses are not controlled on RPD values from sample concentrations less than the reporting limit. QC batch accepted based on LCS and/or LCSD QC results
R-01	The Reporting Limit for this analyte has been raised to account for matrix interference.
R-05	The sample was diluted due to the presence of high levels of non-target analytes resulting in elevated reporting limits.
Z-2	RPD out of acceptable range
Z-2a	RPD out of acceptance range.
BRL	Below Reporting Limit - Analyte NOT DETECTED at or above the reporting limit
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. The RDL is generally 5 to 10 times the MDL. However, it may be nominally chosen within these guidelines to simplify data reporting. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Validated by:
Hanibal C. Tayeh, Ph.D.
Nicole Brown

SAD 7307(m)

SPECTRUM ANALYTICAL, INC.
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HANIBAL TECHNOLOGY

ERM- STANDARD

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: _____
- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Ed Hinchey
ERM
5788 Widewaters Parkway
Dewitt, NY 13214
Project Mgr.: Ed Hinchey

Invoice To: Same
240104620
1,WIP 240/66101
P.O. No.: 0013172 RQN: _____

Project No.: 0013172
Site Name: Axiohm
Location: Ithaca State: NY
Sampler(s): Christopher Winfield

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH_3OH 8=$NaHSO_4$ 9=Ice 10=_____

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1=Storage Tanks X2=_____ X3=_____

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	VOCs 8260	SVOCs 8270	TAL Metals	Cyanide	Hexchrome	PH	PCBs	PCBs, PH, Hexchrome	QA Reporting Notes: (check if needed)
S1907307-01	Axi-MW-2 (0104)	14 Jan 04	20:20	G	GW	2,4	2	2		4	X	X	X	X	X	X	X		
-02	Axi-MW-3 (0104)	14 Jan 04	21:15	G	GW	2,4	2	2		4	X	X	X	X	X	X	X		
-03	Axi-MW-9 (0104)	15 Jan 04	0840	G	GW	2,4	2	2		4	X	X	X	X	X	X	X		
-04	Axi-MW-12 (0104)	15 Jan 04	12:45	G	GW	2,4	2	2	2	2	X	X	X	X				X	
-05	Axi-MW-13 (0104)	15 Jan 04	10 35	G	GW	2,4	2	2	2	2	X	X	X	X				X	
-06	Axi-MW-14 (0104)	14 Jan 04	1900	G	GW	2,4	2	2		2	X	X	X	X				X	
-07	Axi MW-15 (0104)	15 Jan 04	1120	G	GW	2,9	2	1			X	X							
-08	Axi TB (150104)	15 Jan 04	1400	—	—	2	1				X								
-09	Axi-H2O Tank	15 Jan	1450	G	X1	2	2				X								

☒ Fax results when available to (315) 445-2543
☐ E-mail to _____
EDD Format _____

Condition upon receipt: ☒ Iced ☐ Ambient ☐ °C 2
Cooler

Relinquished by:	Received by:	Date:	Time:
Christopher Winfield		15 Jan. 04	1610
Fed X	Simone Kaeb	1/16/04	0930

Report Date:
06-Feb-04 12:06

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

Laboratory Report

Environmental Resources Management
5788 Widewaters Pkwy
Dewitt, NY 13214
Attn: Ed Hinchey

Project:Axiohm - Ithaca, NY
Project #:0013172

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA07792-01	Axi TP16 (1.5)	Soil	28-Jan-04 12:16	30-Jan-04 10:00
SA07792-02	Axi TP14 (3.5)	Soil	28-Jan-04 11:43	30-Jan-04 10:00
SA07792-03	Axi TP12 (2)	Soil	28-Jan-04 11:16	30-Jan-04 10:00
SA07792-04	Axi TP17 (3)	Soil	28-Jan-04 12:44	30-Jan-04 10:00
SA07792-05	Axi TP18 (2)	Soil	28-Jan-04 12:58	30-Jan-04 10:00
SA07792-06	Axi TP19 (2)	Soil	28-Jan-04 13:08	30-Jan-04 10:00
SA07792-07	Axi TP20 (4)	Soil	28-Jan-04 13:25	30-Jan-04 10:00
SA07792-08	Axi TP21 (3)	Soil	28-Jan-04 14:05	30-Jan-04 10:00
SA07792-09	Axi TP22 (3.5)	Soil	28-Jan-04 14:36	30-Jan-04 10:00
SA07792-10	Axi TP23B (3)	Soil	28-Jan-04 15:04	30-Jan-04 10:00
SA07792-11	Axi TB (012804)	Aqueous	12-Jan-04 00:00	30-Jan-04 10:00
SA07792-12	Axi Dupe (012804)	Soil	28-Jan-04 00:00	30-Jan-04 10:00

ıttest that all information contained within this report has been reviewed for accuracy and checked against all quality control .equirements outlined in each applicable method and meet the requirements of NELAC.
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Massachusetts Certification # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87600
Maine # MA138
New Hampshire # 2538
New York # 11393
Rhode Island # 98
USDA # S-51435

ACCREDITED IN ACCORDANCE WITH nelac

Authorized by:

Hanibal C. Tayeh, Ph.D.
President/Laboratory Director

Please refer to our "Quality" webpage at www.spectrum-analytical.com for a full listing of our current certifications.

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi TP16 (1.5)	0013172	Soil	28-Jan-04 12:16	30-Jan-04
A07792-01				

Analyte(s)	*Result*	*RDL/Units	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
VOC Extraction	Field Extracted	N/A	1	VOC	29-Jan-04	04-Feb-04	4020135		
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							VOC10
Acetone	BRL	817 ug/kg dry	50	SW846 8260B	30-Jan-04	30-Jan-04	4011582	RLJ	
Acrylonitrile	BRL	40.8 ug/kg dry	50	"	"	"	"	"	
Benzene	BRL	40.8 ug/kg dry	50	"	"	"	"	"	
Bromobenzene	BRL	40.8 ug/kg dry	50	"	"	"	"	"	
Bromochloromethane	BRL	40.8 ug/kg dry	50	"	"	"	"	"	
Bromodichloromethane	BRL	40.8 ug/kg dry	50	"	"	"	"	"	
Bromoform	BRL	40.8 ug/kg dry	50	"	"	"	"	"	
Bromomethane	BRL	81.7 ug/kg dry	50	"	"	"	"	"	
2-Butanone (MEK)	BRL	408 ug/kg dry	50	"	"	"	"	"	
n-Butylbenzene	BRL	40.8 ug/kg dry	50	"	"	"	"	"	
sec-Butylbenzene	BRL	40.8 ug/kg dry	50	"	"	"	"	"	
tert-Butylbenzene	BRL	40.8 ug/kg dry	50	"	"	"	"	"	
Carbon disulfide	BRL	204 ug/kg dry	50	"	"	"	"	"	
Carbon tetrachloride	BRL	40.8 ug/kg dry	50	"	"	"	"	"	
Chlorobenzene	BRL	40.8 ug/kg dry	50	"	"	"	"	"	
Chloroethane	BRL	81.7 ug/kg dry	50	"	"	"	"	"	
Chloroform	BRL	40.8 ug/kg dry	50	"	"	"	"	"	
Chloromethane	BRL	81.7 ug/kg dry	50	"	"	"	"	"	
2-Chlorotoluene	BRL	40.8 ug/kg dry	50	"	"	"	"	"	
4-Chlorotoluene	BRL	40.8 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	81.7 ug/kg dry	50	"	"	"	"	"	
Dibromochloromethane	BRL	40.8 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	40.8 ug/kg dry	50	"	"	"	"	"	
Dibromomethane	BRL	40.8 ug/kg dry	50	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	40.8 ug/kg dry	50	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	40.8 ug/kg dry	50	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	40.8 ug/kg dry	50	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	81.7 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethane	BRL	40.8 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloroethane	BRL	40.8 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethene	BRL	40.8 ug/kg dry	50	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	40.8 ug/kg dry	50	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	40.8 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloropropane	BRL	40.8 ug/kg dry	50	"	"	"	"	"	
1,3-Dichloropropane	BRL	40.8 ug/kg dry	50	"	"	"	"	"	
2,2-Dichloropropane	BRL	40.8 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloropropene	BRL	40.8 ug/kg dry	50	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	40.8 ug/kg dry	50	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	40.8 ug/kg dry	50	"	"	"	"	"	
Ethylbenzene	BRL	40.8 ug/kg dry	50	"	"	"	"	"	
Hexachlorobutadiene	BRL	40.8 ug/kg dry	50	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi TP16 (1.5) \07792-01	0013172	Soil	28-Jan-04 12:16	30-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							VOC10
2-Hexanone (MBK)	BRL	408 ug/kg dry	50	"	"	"	"	"	
Isopropylbenzene	BRL	40.8 ug/kg dry	50	"	"	"	"	"	
4-Isopropyltoluene	BRL	40.8 ug/kg dry	50	"	"	"	"	"	
Methyl tert-butyl ether	BRL	40.8 ug/kg dry	50	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	408 ug/kg dry	50	"	"	"	"	"	
Methylene chloride	BRL	408 ug/kg dry	50	"	"	"	"	"	
Naphthalene	BRL	61.3 ug/kg dry	50	"	"	"	"	"	
n-Propylbenzene	BRL	40.8 ug/kg dry	50	"	"	"	"	"	
Styrene	BRL	40.8 ug/kg dry	50	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	40.8 ug/kg dry	50	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	40.8 ug/kg dry	50	"	"	"	"	"	
Tetrachloroethene	BRL	40.8 ug/kg dry	50	"	"	"	"	"	
Toluene	BRL	40.8 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	40.8 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	40.8 ug/kg dry	50	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	40.8 ug/kg dry	50	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	40.8 ug/kg dry	50	"	"	"	"	"	
Trichloroethene	70.2	40.8 ug/kg dry	50	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	40.8 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	40.8 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	40.8 ug/kg dry	50	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	40.8 ug/kg dry	50	"	"	"	"	"	
Vinyl chloride	BRL	40.8 ug/kg dry	50	"	"	"	"	"	
m,p-Xylene	BRL	81.7 ug/kg dry	50	"	"	"	"	"	
o-Xylene	BRL	40.8 ug/kg dry	50	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*102*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*97.2*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*87.8*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*98.6*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi TP16 (1.5) 07792-01	0013172	Soil	28-Jan-04 12:16	30-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
General Chemistry Parameters									
% Solids	77.9	%	1	SM2540 G Mod.	03-Feb-04	04-Feb-04	4020123	LN	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi TP16 (1.5) \07792-01RE1	0013172	Soil	28-Jan-04 12:16	30-Jan-04

Analyte(s)	*Result*	*RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5035A							VOC10
Acetone	175	93.7 ug/kg dry	1	SW846 8260B	30-Jan-04	02-Feb-04	4020035	tim	VOC6
Acrylonitrile	BRL	4.69 ug/kg dry	1	"	"	"	"	"	
Benzene	BRL	4.69 ug/kg dry	1	"	"	"	"	"	
Bromobenzene	BRL	4.69 ug/kg dry	1	"	"	"	"	"	
Bromochloromethane	BRL	4.69 ug/kg dry	1	"	"	"	"	"	
Bromodichloromethane	BRL	4.69 ug/kg dry	1	"	"	"	"	"	
Bromoform	BRL	4.69 ug/kg dry	1	"	"	"	"	"	
Bromomethane	BRL	9.37 ug/kg dry	1	"	"	"	"	"	
2-Butanone (MEK)	BRL	46.9 ug/kg dry	1	"	"	"	"	"	
n-Butylbenzene	BRL	4.69 ug/kg dry	1	"	"	"	"	"	
sec-Butylbenzene	BRL	4.69 ug/kg dry	1	"	"	"	"	"	
tert-Butylbenzene	BRL	4.69 ug/kg dry	1	"	"	"	"	"	
Carbon disulfide	BRL	23.4 ug/kg dry	1	"	"	"	"	"	
Carbon tetrachloride	BRL	4.69 ug/kg dry	1	"	"	"	"	"	
Chlorobenzene	BRL	4.69 ug/kg dry	1	"	"	"	"	"	
Chloroethane	BRL	9.37 ug/kg dry	1	"	"	"	"	"	
Chloroform	BRL	4.69 ug/kg dry	1	"	"	"	"	"	
oromethane	BRL	9.37 ug/kg dry	1	"	"	"	"	"	
nlorotoluene	BRL	4.69 ug/kg dry	1	"	"	"	"	"	
4-Chlorotoluene	BRL	4.69 ug/kg dry	1	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	9.37 ug/kg dry	1	"	"	"	"	"	
Dibromochloromethane	BRL	4.69 ug/kg dry	1	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	4.69 ug/kg dry	1	"	"	"	"	"	
Dibromomethane	BRL	4.69 ug/kg dry	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	4.69 ug/kg dry	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	4.69 ug/kg dry	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	4.69 ug/kg dry	1	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	9.37 ug/kg dry	1	"	"	"	"	"	
1,1-Dichloroethane	BRL	4.69 ug/kg dry	1	"	"	"	"	"	
1,2-Dichloroethane	BRL	4.69 ug/kg dry	1	"	"	"	"	"	
1,1-Dichloroethene	BRL	4.69 ug/kg dry	1	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	4.69 ug/kg dry	1	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	4.69 ug/kg dry	1	"	"	"	"	"	
1,2-Dichloropropane	BRL	4.69 ug/kg dry	1	"	"	"	"	"	
1,3-Dichloropropane	BRL	4.69 ug/kg dry	1	"	"	"	"	"	
2,2-Dichloropropane	BRL	4.69 ug/kg dry	1	"	"	"	"	"	
1,1-Dichloropropene	BRL	4.69 ug/kg dry	1	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	4.69 ug/kg dry	1	"	"	"	"	"	
ns-1,3-Dichloropropene	BRL	4.69 ug/kg dry	1	"	"	"	"	"	
lbenzene	BRL	4.69 ug/kg dry	1	"	"	"	"	"	
ichlorobutadiene	BRL	4.69 ug/kg dry	1	"	"	"	"	"	
exanone (MBK)	BRL	46.9 ug/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi TP16 (1.5) \07792-01RE1	0013172	Soil	28-Jan-04 12:16	30-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5035A							VOC10
Isopropylbenzene	BRL	4.69 ug/kg dry	1	"	"	"	"	"	
4-Isopropyltoluene	BRL	4.69 ug/kg dry	1	"	"	"	"	"	
Methyl tert-butyl ether	BRL	4.69 ug/kg dry	1	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	46.9 ug/kg dry	1	"	"	"	"	"	
Methylene chloride	BRL	46.9 ug/kg dry	1	"	"	"	"	"	
Naphthalene	BRL	4.69 ug/kg dry	1	"	"	"	"	"	
n-Propylbenzene	BRL	4.69 ug/kg dry	1	"	"	"	"	"	
Styrene	BRL	4.69 ug/kg dry	1	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	4.69 ug/kg dry	1	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	4.69 ug/kg dry	1	"	"	"	"	"	
Tetrachloroethene	BRL	4.69 ug/kg dry	1	"	"	"	"	"	
Toluene	BRL	4.69 ug/kg dry	1	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	4.69 ug/kg dry	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	4.69 ug/kg dry	1	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	4.69 ug/kg dry	1	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	4.69 ug/kg dry	1	"	"	"	"	"	
ichloroethene	24.3	4.69 ug/kg dry	1	"	"	"	"	"	
chlorofluoromethane (Freon 11)	BRL	4.69 ug/kg dry	1	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	4.69 ug/kg dry	1	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	4.69 ug/kg dry	1	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	4.69 ug/kg dry	1	"	"	"	"	"	
Vinyl chloride	BRL	4.69 ug/kg dry	1	"	"	"	"	"	
m,p-Xylene	BRL	9.37 ug/kg dry	1	"	"	"	"	"	
o-Xylene	BRL	4.69 ug/kg dry	1	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*84.6*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*94.4*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*102*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*100*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi TP14 (3.5) 07792-02	0013172	Soil	28-Jan-04 11:43	30-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
VOC Extraction	Field Extracted	N/A	1	VOC	29-Jan-04	04-Feb-04	4020135		
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							VOC10
Acetone	BRL	562 ug/kg dry	50	SW846 8260B	30-Jan-04	30-Jan-04	4011582	RLJ	
Acrylonitrile	BRL	28.1 ug/kg dry	50	"	"	"	"	"	
Benzene	BRL	28.1 ug/kg dry	50	"	"	"	"	"	
Bromobenzene	BRL	28.1 ug/kg dry	50	"	"	"	"	"	
Bromochloromethane	BRL	28.1 ug/kg dry	50	"	"	"	"	"	
Bromodichloromethane	BRL	28.1 ug/kg dry	50	"	"	"	"	"	
Bromoform	BRL	28.1 ug/kg dry	50	"	"	"	"	"	
Bromomethane	BRL	56.2 ug/kg dry	50	"	"	"	"	"	
2-Butanone (MEK)	BRL	281 ug/kg dry	50	"	"	"	"	"	
n-Butylbenzene	BRL	28.1 ug/kg dry	50	"	"	"	"	"	
sec-Butylbenzene	BRL	28.1 ug/kg dry	50	"	"	"	"	"	
tert-Butylbenzene	BRL	28.1 ug/kg dry	50	"	"	"	"	"	
Carbon disulfide	BRL	141 ug/kg dry	50	"	"	"	"	"	
Carbon tetrachloride	BRL	28.1 ug/kg dry	50	"	"	"	"	"	
Chlorobenzene	BRL	28.1 ug/kg dry	50	"	"	"	"	"	
loroethane	BRL	56.2 ug/kg dry	50	"	"	"	"	"	
oroform	BRL	28.1 ug/kg dry	50	"	"	"	"	"	
loromethane	BRL	56.2 ug/kg dry	50	"	"	"	"	"	
2-Chlorotoluene	BRL	28.1 ug/kg dry	50	"	"	"	"	"	
4-Chlorotoluene	BRL	28.1 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	56.2 ug/kg dry	50	"	"	"	"	"	
Dibromochloromethane	BRL	28.1 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	28.1 ug/kg dry	50	"	"	"	"	"	
Dibromomethane	BRL	28.1 ug/kg dry	50	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	28.1 ug/kg dry	50	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	28.1 ug/kg dry	50	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	28.1 ug/kg dry	50	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	56.2 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethane	BRL	28.1 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloroethane	BRL	28.1 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethene	BRL	28.1 ug/kg dry	50	"	"	"	"	"	
cis-1,2-Dichloroethene	604	28.1 ug/kg dry	50	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	28.1 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloropropane	BRL	28.1 ug/kg dry	50	"	"	"	"	"	
1,3-Dichloropropane	BRL	28.1 ug/kg dry	50	"	"	"	"	"	
2,2-Dichloropropane	BRL	28.1 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloropropene	BRL	28.1 ug/kg dry	50	"	"	"	"	"	
1,3-Dichloropropene	BRL	28.1 ug/kg dry	50	"	"	"	"	"	
s-1,3-Dichloropropene	BRL	28.1 ug/kg dry	50	"	"	"	"	"	
ylbenzene	BRL	28.1 ug/kg dry	50	"	"	"	"	"	
exachlorobutadiene	BRL	28.1 ug/kg dry	50	"	"	"	"	"	

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*Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi TP14 (3.5) `07792-02	0013172	Soil	28-Jan-04 11:43	30-Jan-04

Analyte(s)	*Result*	*RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							VOC10
2-Hexanone (MBK)	BRL	281 ug/kg dry	50	"	"	"	"	"	
Isopropylbenzene	BRL	28.1 ug/kg dry	50	"	"	"	"	"	
4-Isopropyltoluene	BRL	28.1 ug/kg dry	50	"	"	"	"	"	
Methyl tert-butyl ether	BRL	28.1 ug/kg dry	50	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	281 ug/kg dry	50	"	"	"	"	"	
Methylene chloride	BRL	281 ug/kg dry	50	"	"	"	"	"	
Naphthalene	BRL	28.1 ug/kg dry	50	"	"	"	"	"	
n-Propylbenzene	BRL	28.1 ug/kg dry	50	"	"	"	"	"	
Styrene	BRL	28.1 ug/kg dry	50	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	28.1 ug/kg dry	50	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	28.1 ug/kg dry	50	"	"	"	"	"	
Tetrachloroethene	36.8	28.1 ug/kg dry	50	"	"	"	"	"	
Toluene	BRL	28.1 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	28.1 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	28.1 ug/kg dry	50	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	28.1 ug/kg dry	50	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	28.1 ug/kg dry	50	"	"	"	"	"	
Trichloroethene	29,500	281 ug/kg dry	500	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	28.1 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	28.1 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	28.1 ug/kg dry	50	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	28.1 ug/kg dry	50	"	"	"	"	"	
Vinyl chloride	BRL	28.1 ug/kg dry	50	"	"	"	"	"	
m,p-Xylene	BRL	56.2 ug/kg dry	50	"	"	"	"	"	
o-Xylene	BRL	28.1 ug/kg dry	50	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*104*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*96.8*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*90.2*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*99.6*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi TP14 (3.5) 07792-02	0013172	Soil	28-Jan-04 11:43	30-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
General Chemistry Parameters									
% Solids	89.3	%	1	SM2540 G Mod.	04-Feb-04	05-Feb-04	4020179	LN	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi TP12 (2)	0013172	Soil	28-Jan-04 11:16	30-Jan-04
07792-03				

Analyte(s)	*Result*	*RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
VOC Extraction	Field Extracted	N/A	1	VOC	29-Jan-04	04-Feb-04	4020135		
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							VOC10
Acetone	BRL	771 ug/kg dry	50	SW846 8260B	30-Jan-04	30-Jan-04	4011582	RLJ	
Acrylonitrile	BRL	38.5 ug/kg dry	50	"	"	"	"	"	
Benzene	BRL	38.5 ug/kg dry	50	"	"	"	"	"	
Bromobenzene	BRL	38.5 ug/kg dry	50	"	"	"	"	"	
Bromochloromethane	BRL	38.5 ug/kg dry	50	"	"	"	"	"	
Bromodichloromethane	BRL	38.5 ug/kg dry	50	"	"	"	"	"	
Bromoform	BRL	38.5 ug/kg dry	50	"	"	"	"	"	
Bromomethane	BRL	77.1 ug/kg dry	50	"	"	"	"	"	
2-Butanone (MEK)	BRL	385 ug/kg dry	50	"	"	"	"	"	
n-Butylbenzene	BRL	38.5 ug/kg dry	50	"	"	"	"	"	
sec-Butylbenzene	BRL	38.5 ug/kg dry	50	"	"	"	"	"	
tert-Butylbenzene	BRL	38.5 ug/kg dry	50	"	"	"	"	"	
Carbon disulfide	BRL	193 ug/kg dry	50	"	"	"	"	"	
Carbon tetrachloride	BRL	38.5 ug/kg dry	50	"	"	"	"	"	
Chlorobenzene	BRL	38.5 ug/kg dry	50	"	"	"	"	"	
'loroethane	BRL	77.1 ug/kg dry	50	"	"	"	"	"	
oroform	BRL	38.5 ug/kg dry	50	"	"	"	"	"	
Chloromethane	BRL	77.1 ug/kg dry	50	"	"	"	"	"	
2-Chlorotoluene	BRL	38.5 ug/kg dry	50	"	"	"	"	"	
4-Chlorotoluene	BRL	38.5 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	77.1 ug/kg dry	50	"	"	"	"	"	
Dibromochloromethane	BRL	38.5 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	38.5 ug/kg dry	50	"	"	"	"	"	
Dibromomethane	BRL	38.5 ug/kg dry	50	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	38.5 ug/kg dry	50	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	38.5 ug/kg dry	50	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	38.5 ug/kg dry	50	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	77.1 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethane	BRL	38.5 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloroethane	BRL	38.5 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethene	BRL	38.5 ug/kg dry	50	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	38.5 ug/kg dry	50	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	38.5 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloropropane	BRL	38.5 ug/kg dry	50	"	"	"	"	"	
1,3-Dichloropropane	BRL	38.5 ug/kg dry	50	"	"	"	"	"	
2,2-Dichloropropane	BRL	38.5 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloropropene	BRL	38.5 ug/kg dry	50	"	"	"	"	"	
1,3-Dichloropropene	BRL	38.5 ug/kg dry	50	"	"	"	"	"	
-1,3-Dichloropropene	BRL	38.5 ug/kg dry	50	"	"	"	"	"	
Ethylbenzene	BRL	38.5 ug/kg dry	50	"	"	"	"	"	
Hexachlorobutadiene	BRL	38.5 ug/kg dry	50	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi TP12 (2) \07792-03	0013172	Soil	28-Jan-04 11:16	30-Jan-04

Analyte(s)	*Result*	*RDL/Units	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							VOC10
2-Hexanone (MBK)	BRL	385 ug/kg dry	50	"	"	"	"	"	
Isopropylbenzene	BRL	38.5 ug/kg dry	50	"	"	"	"	"	
4-Isopropyltoluene	BRL	38.5 ug/kg dry	50	"	"	"	"	"	
Methyl tert-butyl ether	BRL	38.5 ug/kg dry	50	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	385 ug/kg dry	50	"	"	"	"	"	
Methylene chloride	BRL	385 ug/kg dry	50	"	"	"	"	"	
Naphthalene	BRL	38.5 ug/kg dry	50	"	"	"	"	"	
n-Propylbenzene	BRL	38.5 ug/kg dry	50	"	"	"	"	"	
Styrene	BRL	38.5 ug/kg dry	50	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	38.5 ug/kg dry	50	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	38.5 ug/kg dry	50	"	"	"	"	"	
Tetrachloroethene	BRL	38.5 ug/kg dry	50	"	"	"	"	"	
Toluene	BRL	38.5 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	38.5 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	38.5 ug/kg dry	50	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	38.5 ug/kg dry	50	"	"	"	"	"	
',2-Trichloroethane	BRL	38.5 ug/kg dry	50	"	"	"	"	"	
chloroethene	255	38.5 ug/kg dry	50	"	"	"	"	"	
chlorofluoromethane (Freon 11)	BRL	38.5 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	38.5 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	38.5 ug/kg dry	50	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	38.5 ug/kg dry	50	"	"	"	"	"	
Vinyl chloride	BRL	38.5 ug/kg dry	50	"	"	"	"	"	
m,p-Xylene	BRL	77.1 ug/kg dry	50	"	"	"	"	"	
o-Xylene	BRL	38.5 ug/kg dry	50	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*102*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*96.0*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*87.6*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*96.8*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi TP12 (2) \07792-03	0013172	Soil	28-Jan-04 11:16	30-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
General Chemistry Parameters									
% Solids	79.8	%	1	SM2540 G Mod.	03-Feb-04	04-Feb-04	4020123	LN	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi TP17 (3)	0013172	Soil	28-Jan-04 12:44	30-Jan-04
A07792-04				

Analyte(s)	*Result*	*RDL/Units	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
VOC Extraction	Field Extracted	N/A	1	VOC	29-Jan-04	04-Feb-04	4020135		
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							VOC10
Acetone	BRL	715 ug/kg dry	50	SW846 8260B	30-Jan-04	31-Jan-04	4011582	RLJ	
Acrylonitrile	BRL	35.8 ug/kg dry	50	"	"	"	"	"	
Benzene	BRL	35.8 ug/kg dry	50	"	"	"	"	"	
Bromobenzene	BRL	35.8 ug/kg dry	50	"	"	"	"	"	
Bromochloromethane	BRL	35.8 ug/kg dry	50	"	"	"	"	"	
Bromodichloromethane	BRL	35.8 ug/kg dry	50	"	"	"	"	"	
Bromoform	BRL	35.8 ug/kg dry	50	"	"	"	"	"	
Bromomethane	BRL	71.5 ug/kg dry	50	"	"	"	"	"	
2-Butanone (MEK)	BRL	358 ug/kg dry	50	"	"	"	"	"	
n-Butylbenzene	BRL	35.8 ug/kg dry	50	"	"	"	"	"	
sec-Butylbenzene	BRL	35.8 ug/kg dry	50	"	"	"	"	"	
tert-Butylbenzene	BRL	35.8 ug/kg dry	50	"	"	"	"	"	
Carbon disulfide	BRL	179 ug/kg dry	50	"	"	"	"	"	
Carbon tetrachloride	BRL	35.8 ug/kg dry	50	"	"	"	"	"	
Chlorobenzene	BRL	35.8 ug/kg dry	50	"	"	"	"	"	
Chloroethane	BRL	71.5 ug/kg dry	50	"	"	"	"	"	
Chloroform	BRL	35.8 ug/kg dry	50	"	"	"	"	"	
Chloromethane	BRL	71.5 ug/kg dry	50	"	"	"	"	"	
2-Chlorotoluene	BRL	35.8 ug/kg dry	50	"	"	"	"	"	
4-Chlorotoluene	BRL	35.8 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	71.5 ug/kg dry	50	"	"	"	"	"	
Dibromochloromethane	BRL	35.8 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	35.8 ug/kg dry	50	"	"	"	"	"	
Dibromomethane	BRL	35.8 ug/kg dry	50	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	35.8 ug/kg dry	50	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	35.8 ug/kg dry	50	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	35.8 ug/kg dry	50	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	71.5 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethane	BRL	35.8 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloroethane	BRL	35.8 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethene	BRL	35.8 ug/kg dry	50	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	35.8 ug/kg dry	50	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	35.8 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloropropane	BRL	35.8 ug/kg dry	50	"	"	"	"	"	
1,3-Dichloropropane	BRL	35.8 ug/kg dry	50	"	"	"	"	"	
2,2-Dichloropropane	BRL	35.8 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloropropene	BRL	35.8 ug/kg dry	50	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	35.8 ug/kg dry	50	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	35.8 ug/kg dry	50	"	"	"	"	"	
Ethylbenzene	BRL	35.8 ug/kg dry	50	"	"	"	"	"	
Hexachlorobutadiene	BRL	35.8 ug/kg dry	50	"	"	"	"	"	

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*Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi TP17 (3) 07792-04	0013172	Soil	28-Jan-04 12:44	30-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							VOC10
2-Hexanone (MBK)	BRL	358 ug/kg dry	50	"	"	"	"	"	
Isopropylbenzene	BRL	35.8 ug/kg dry	50	"	"	"	"	"	
4-Isopropyltoluene	BRL	35.8 ug/kg dry	50	"	"	"	"	"	
Methyl tert-butyl ether	BRL	35.8 ug/kg dry	50	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	358 ug/kg dry	50	"	"	"	"	"	
Methylene chloride	BRL	358 ug/kg dry	50	"	"	"	"	"	
Naphthalene	BRL	35.8 ug/kg dry	50	"	"	"	"	"	
n-Propylbenzene	BRL	35.8 ug/kg dry	50	"	"	"	"	"	
Styrene	BRL	35.8 ug/kg dry	50	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	35.8 ug/kg dry	50	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	35.8 ug/kg dry	50	"	"	"	"	"	
Tetrachloroethene	BRL	35.8 ug/kg dry	50	"	"	"	"	"	
Toluene	BRL	35.8 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	35.8 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	35.8 ug/kg dry	50	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	35.8 ug/kg dry	50	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	35.8 ug/kg dry	50	"	"	"	"	"	
Trichloroethene	215	35.8 ug/kg dry	50	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	35.8 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	35.8 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	35.8 ug/kg dry	50	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	35.8 ug/kg dry	50	"	"	"	"	"	
Vinyl chloride	BRL	35.8 ug/kg dry	50	"	"	"	"	"	
m,p-Xylene	BRL	71.5 ug/kg dry	50	"	"	"	"	"	
o-Xylene	BRL	35.8 ug/kg dry	50	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*102*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*97.0*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*88.8*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*96.8*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi TP17 (3) 07792-04	0013172	Soil	28-Jan-04 12:44	30-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
General Chemistry Parameters									
% Solids	80.9	%	1	SM2540 G Mod.	03-Feb-04	04-Feb-04	4020123	LN	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi TP18 (2) `07792-05	0013172	Soil	28-Jan-04 12:58	30-Jan-04

Analyte(s)	*Result*	*RDL/Units	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
VOC Extraction	Field Extracted	N/A	1	VOC	29-Jan-04	04-Feb-04	4020135		
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							VOC10
Acetone	BRL	727 ug/kg dry	50	SW846 8260B	30-Jan-04	31-Jan-04	4011582	RLJ	
Acrylonitrile	BRL	36.4 ug/kg dry	50	"	"	"	"	"	
Benzene	BRL	36.4 ug/kg dry	50	"	"	"	"	"	
Bromobenzene	BRL	36.4 ug/kg dry	50	"	"	"	"	"	
Bromochloromethane	BRL	36.4 ug/kg dry	50	"	"	"	"	"	
Bromodichloromethane	BRL	36.4 ug/kg dry	50	"	"	"	"	"	
Bromoform	BRL	36.4 ug/kg dry	50	"	"	"	"	"	
Bromomethane	BRL	72.7 ug/kg dry	50	"	"	"	"	"	
2-Butanone (MEK)	BRL	364 ug/kg dry	50	"	"	"	"	"	
n-Butylbenzene	BRL	36.4 ug/kg dry	50	"	"	"	"	"	
sec-Butylbenzene	BRL	36.4 ug/kg dry	50	"	"	"	"	"	
tert-Butylbenzene	BRL	36.4 ug/kg dry	50	"	"	"	"	"	
Carbon disulfide	BRL	182 ug/kg dry	50	"	"	"	"	"	
Carbon tetrachloride	BRL	36.4 ug/kg dry	50	"	"	"	"	"	
Chlorobenzene	BRL	36.4 ug/kg dry	50	"	"	"	"	"	
loroethane	BRL	72.7 ug/kg dry	50	"	"	"	"	"	
oroform	BRL	36.4 ug/kg dry	50	"	"	"	"	"	
Chloromethane	BRL	72.7 ug/kg dry	50	"	"	"	"	"	
2-Chlorotoluene	BRL	36.4 ug/kg dry	50	"	"	"	"	"	
4-Chlorotoluene	BRL	36.4 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	72.7 ug/kg dry	50	"	"	"	"	"	
Dibromochloromethane	BRL	36.4 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	36.4 ug/kg dry	50	"	"	"	"	"	
Dibromomethane	BRL	36.4 ug/kg dry	50	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	36.4 ug/kg dry	50	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	36.4 ug/kg dry	50	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	36.4 ug/kg dry	50	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	72.7 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethane	BRL	36.4 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloroethane	BRL	36.4 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethene	BRL	36.4 ug/kg dry	50	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	36.4 ug/kg dry	50	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	36.4 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloropropane	BRL	36.4 ug/kg dry	50	"	"	"	"	"	
1,3-Dichloropropane	BRL	36.4 ug/kg dry	50	"	"	"	"	"	
2,2-Dichloropropane	BRL	36.4 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloropropene	BRL	36.4 ug/kg dry	50	"	"	"	"	"	
1,3-Dichloropropene	BRL	36.4 ug/kg dry	50	"	"	"	"	"	
-1,3-Dichloropropene	BRL	36.4 ug/kg dry	50	"	"	"	"	"	
Ethylbenzene	BRL	36.4 ug/kg dry	50	"	"	"	"	"	
Hexachlorobutadiene	BRL	36.4 ug/kg dry	50	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi TP18 (2) 07792-05	0013172	Soil	28-Jan-04 12:58	30-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							VOC10
2-Hexanone (MBK)	BRL	364 ug/kg dry	50	"	"	"	"	"	
Isopropylbenzene	BRL	36.4 ug/kg dry	50	"	"	"	"	"	
4-Isopropyltoluene	BRL	36.4 ug/kg dry	50	"	"	"	"	"	
Methyl tert-butyl ether	BRL	36.4 ug/kg dry	50	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	364 ug/kg dry	50	"	"	"	"	"	
Methylene chloride	BRL	364 ug/kg dry	50	"	"	"	"	"	
Naphthalene	BRL	36.4 ug/kg dry	50	"	"	"	"	"	
n-Propylbenzene	BRL	36.4 ug/kg dry	50	"	"	"	"	"	
Styrene	BRL	36.4 ug/kg dry	50	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	36.4 ug/kg dry	50	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	36.4 ug/kg dry	50	"	"	"	"	"	
Tetrachloroethene	BRL	36.4 ug/kg dry	50	"	"	"	"	"	
Toluene	BRL	36.4 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	36.4 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	36.4 ug/kg dry	50	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	36.4 ug/kg dry	50	"	"	"	"	"	
2-Trichloroethane	BRL	36.4 ug/kg dry	50	"	"	"	"	"	
nloroethene	282	36.4 ug/kg dry	50	"	"	"	"	"	
chlorofluoromethane (Freon 11)	BRL	36.4 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	36.4 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	36.4 ug/kg dry	50	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	36.4 ug/kg dry	50	"	"	"	"	"	
Vinyl chloride	BRL	36.4 ug/kg dry	50	"	"	"	"	"	
m,p-Xylene	BRL	72.7 ug/kg dry	50	"	"	"	"	"	
o-Xylene	BRL	36.4 ug/kg dry	50	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*102*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*97.6*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*92.2*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*101*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi TP18 (2) \07792-05	0013172	Soil	28-Jan-04 12:58	30-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
General Chemistry Parameters									
% Solids	83.4	%	1	SM2540 G Mod.	04-Feb-04	05-Feb-04	4020179	LN	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi TP19 (2) \07792-06	0013172	Soil	28-Jan-04 13:08	30-Jan-04

Analyte(s)	*Result*	*RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
VOC Extraction	Field Extracted	N/A	1	VOC	29-Jan-04	04-Feb-04	4020135		
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							VOC10
Acetone	BRL	663 ug/kg dry	50	SW846 8260B	30-Jan-04	31-Jan-04	4011582	RLJ	
Acrylonitrile	BRL	33.2 ug/kg dry	50	"	"	"	"	"	
Benzene	BRL	33.2 ug/kg dry	50	"	"	"	"	"	
Bromobenzene	BRL	33.2 ug/kg dry	50	"	"	"	"	"	
Bromochloromethane	BRL	33.2 ug/kg dry	50	"	"	"	"	"	
Bromodichloromethane	BRL	33.2 ug/kg dry	50	"	"	"	"	"	
Bromoform	BRL	33.2 ug/kg dry	50	"	"	"	"	"	
Bromomethane	BRL	66.3 ug/kg dry	50	"	"	"	"	"	
2-Butanone (MEK)	BRL	332 ug/kg dry	50	"	"	"	"	"	
n-Butylbenzene	BRL	33.2 ug/kg dry	50	"	"	"	"	"	
sec-Butylbenzene	BRL	33.2 ug/kg dry	50	"	"	"	"	"	
tert-Butylbenzene	BRL	33.2 ug/kg dry	50	"	"	"	"	"	
Carbon disulfide	BRL	166 ug/kg dry	50	"	"	"	"	"	
Carbon tetrachloride	BRL	33.2 ug/kg dry	50	"	"	"	"	"	
Chlorobenzene	BRL	33.2 ug/kg dry	50	"	"	"	"	"	
[illegible]loroethane	BRL	66.3 ug/kg dry	50	"	"	"	"	"	
[illegible]oroform	BRL	33.2 ug/kg dry	50	"	"	"	"	"	
[illegible]oromethane	BRL	66.3 ug/kg dry	50	"	"	"	"	"	
2-Chlorotoluene	BRL	33.2 ug/kg dry	50	"	"	"	"	"	
4-Chlorotoluene	BRL	33.2 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	66.3 ug/kg dry	50	"	"	"	"	"	
Dibromochloromethane	BRL	33.2 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	33.2 ug/kg dry	50	"	"	"	"	"	
Dibromomethane	BRL	33.2 ug/kg dry	50	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	33.2 ug/kg dry	50	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	33.2 ug/kg dry	50	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	33.2 ug/kg dry	50	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	66.3 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethane	BRL	33.2 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloroethane	BRL	33.2 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethene	BRL	33.2 ug/kg dry	50	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	33.2 ug/kg dry	50	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	33.2 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloropropane	BRL	33.2 ug/kg dry	50	"	"	"	"	"	
1,3-Dichloropropane	BRL	33.2 ug/kg dry	50	"	"	"	"	"	
2,2-Dichloropropane	BRL	33.2 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloropropene	BRL	33.2 ug/kg dry	50	"	"	"	"	"	
[illegible] 1,3-Dichloropropene	BRL	33.2 ug/kg dry	50	"	"	"	"	"	
[illegible]-1,3-Dichloropropene	BRL	33.2 ug/kg dry	50	"	"	"	"	"	
[illegible]lbenzene	BRL	33.2 ug/kg dry	50	"	"	"	"	"	
[illegible]xachlorobutadiene	BRL	33.2 ug/kg dry	50	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi TP19 (2) 07792-06	0013172	Soil	28-Jan-04 13:08	30-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							VOC10
2-Hexanone (MBK)	BRL	332 ug/kg dry	50	"	"	"	"	"	
Isopropylbenzene	BRL	33.2 ug/kg dry	50	"	"	"	"	"	
4-Isopropyltoluene	BRL	33.2 ug/kg dry	50	"	"	"	"	"	
Methyl tert-butyl ether	BRL	33.2 ug/kg dry	50	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	332 ug/kg dry	50	"	"	"	"	"	
Methylene chloride	BRL	332 ug/kg dry	50	"	"	"	"	"	
Naphthalene	BRL	33.2 ug/kg dry	50	"	"	"	"	"	
n-Propylbenzene	BRL	33.2 ug/kg dry	50	"	"	"	"	"	
Styrene	BRL	33.2 ug/kg dry	50	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	33.2 ug/kg dry	50	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	33.2 ug/kg dry	50	"	"	"	"	"	
Tetrachloroethene	BRL	33.2 ug/kg dry	50	"	"	"	"	"	
Toluene	BRL	33.2 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	33.2 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	33.2 ug/kg dry	50	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	33.2 ug/kg dry	50	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	33.2 ug/kg dry	50	"	"	"	"	"	
Trichloroethene	49.8	33.2 ug/kg dry	50	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	33.2 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	33.2 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	33.2 ug/kg dry	50	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	33.2 ug/kg dry	50	"	"	"	"	"	
Vinyl chloride	BRL	33.2 ug/kg dry	50	"	"	"	"	"	
m,p-Xylene	BRL	66.3 ug/kg dry	50	"	"	"	"	"	
o-Xylene	BRL	33.2 ug/kg dry	50	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*103*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*96.2*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*89.6*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*100*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi TP19 (2) 07792-06	0013172	Soil	28-Jan-04 13:08	30-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
General Chemistry Parameters									
% Solids	84.7	%	1	SM2540 G Mod.	04-Feb-04	05-Feb-04	4020179	LN	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi TP19 (2) 07792-06RE1	0013172	Soil	28-Jan-04 13:08	30-Jan-04

Analyte(s)	*Result*	*RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5035A							VOC10
Acetone	150	75.4 ug/kg dry	1	SW846 8260B	30-Jan-04	02-Feb-04	4020035	tim	VOC6
Acrylonitrile	BRL	3.77 ug/kg dry	1	"	"	"	"	"	
Benzene	BRL	3.77 ug/kg dry	1	"	"	"	"	"	
Bromobenzene	BRL	3.77 ug/kg dry	1	"	"	"	"	"	
Bromochloromethane	BRL	3.77 ug/kg dry	1	"	"	"	"	"	
Bromodichloromethane	BRL	3.77 ug/kg dry	1	"	"	"	"	"	
Bromoform	BRL	3.77 ug/kg dry	1	"	"	"	"	"	
Bromomethane	BRL	7.54 ug/kg dry	1	"	"	"	"	"	
2-Butanone (MEK)	BRL	37.7 ug/kg dry	1	"	"	"	"	"	
n-Butylbenzene	BRL	3.77 ug/kg dry	1	"	"	"	"	"	
sec-Butylbenzene	BRL	3.77 ug/kg dry	1	"	"	"	"	"	
tert-Butylbenzene	BRL	3.77 ug/kg dry	1	"	"	"	"	"	
Carbon disulfide	BRL	18.8 ug/kg dry	1	"	"	"	"	"	
Carbon tetrachloride	BRL	3.77 ug/kg dry	1	"	"	"	"	"	
Chlorobenzene	BRL	3.77 ug/kg dry	1	"	"	"	"	"	
Chloroethane	BRL	7.54 ug/kg dry	1	"	"	"	"	"	
Chloroform	BRL	3.77 ug/kg dry	1	"	"	"	"	"	
Chloromethane	BRL	7.54 ug/kg dry	1	"	"	"	"	"	
2-Chlorotoluene	BRL	3.77 ug/kg dry	1	"	"	"	"	"	
4-Chlorotoluene	BRL	3.77 ug/kg dry	1	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	7.54 ug/kg dry	1	"	"	"	"	"	
Dibromochloromethane	BRL	3.77 ug/kg dry	1	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	3.77 ug/kg dry	1	"	"	"	"	"	
Dibromomethane	BRL	3.77 ug/kg dry	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	3.77 ug/kg dry	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	3.77 ug/kg dry	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	3.77 ug/kg dry	1	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	7.54 ug/kg dry	1	"	"	"	"	"	
1,1-Dichloroethane	BRL	3.77 ug/kg dry	1	"	"	"	"	"	
1,2-Dichloroethane	BRL	3.77 ug/kg dry	1	"	"	"	"	"	
1,1-Dichloroethene	BRL	3.77 ug/kg dry	1	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	3.77 ug/kg dry	1	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	3.77 ug/kg dry	1	"	"	"	"	"	
1,2-Dichloropropane	BRL	3.77 ug/kg dry	1	"	"	"	"	"	
1,3-Dichloropropane	BRL	3.77 ug/kg dry	1	"	"	"	"	"	
2,2-Dichloropropane	BRL	3.77 ug/kg dry	1	"	"	"	"	"	
1,1-Dichloropropene	BRL	3.77 ug/kg dry	1	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	3.77 ug/kg dry	1	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	3.77 ug/kg dry	1	"	"	"	"	"	
Ethylbenzene	BRL	3.77 ug/kg dry	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	3.77 ug/kg dry	1	"	"	"	"	"	
2-Hexanone (MBK)	BRL	37.7 ug/kg dry	1	"	"	"	"	"	

This laboratory report is not valid without an authorized signature on the cover page.

*Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi TP19 (2) 07792-06RE1	0013172	Soil	28-Jan-04 13:08	30-Jan-04

Analyte(s)	*Result*	*RDL/Units	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5035A							VOC10
Isopropylbenzene	BRL	3.77 ug/kg dry	1	"	"	"	"	"	
4-Isopropyltoluene	BRL	3.77 ug/kg dry	1	"	"	"	"	"	
Methyl tert-butyl ether	BRL	3.77 ug/kg dry	1	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	37.7 ug/kg dry	1	"	"	"	"	"	
Methylene chloride	BRL	37.7 ug/kg dry	1	"	"	"	"	"	
Naphthalene	BRL	3.77 ug/kg dry	1	"	"	"	"	"	
n-Propylbenzene	BRL	3.77 ug/kg dry	1	"	"	"	"	"	
Styrene	BRL	3.77 ug/kg dry	1	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	3.77 ug/kg dry	1	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	3.77 ug/kg dry	1	"	"	"	"	"	
Tetrachloroethene	BRL	3.77 ug/kg dry	1	"	"	"	"	"	
Toluene	BRL	3.77 ug/kg dry	1	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	3.77 ug/kg dry	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	3.77 ug/kg dry	1	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	3.77 ug/kg dry	1	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	3.77 ug/kg dry	1	"	"	"	"	"	
[illegible]chloroethene	27.6	3.77 ug/kg dry	1	"	"	"	"	"	
[illegible]hlorofluoromethane (Freon 11)	BRL	3.77 ug/kg dry	1	"	"	"	"	"	
[illegible]-Trichloropropane	BRL	3.77 ug/kg dry	1	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	3.77 ug/kg dry	1	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	3.77 ug/kg dry	1	"	"	"	"	"	
Vinyl chloride	BRL	3.77 ug/kg dry	1	"	"	"	"	"	
m,p-Xylene	BRL	7.54 ug/kg dry	1	"	"	"	"	"	
o-Xylene	BRL	3.77 ug/kg dry	1	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*90.0*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*97.6*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*123*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*104*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi TP20 (4) 07792-07	0013172	Soil	28-Jan-04 13:25	30-Jan-04

Analyte(s)	*Result*	*RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
VOC Extraction	Field Extracted	N/A	1	VOC	30-Jan-04	30-Jan-04	4011591	LN	
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							VOC30
Acetone	BRL	613 ug/kg dry	50	SW846 8260B	30-Jan-04	31-Jan-04	4011582	RLJ	
Acrylonitrile	BRL	30.6 ug/kg dry	50	"	"	"	"	"	
Benzene	BRL	30.6 ug/kg dry	50	"	"	"	"	"	
Bromobenzene	BRL	30.6 ug/kg dry	50	"	"	"	"	"	
Bromochloromethane	BRL	30.6 ug/kg dry	50	"	"	"	"	"	
Bromodichloromethane	BRL	30.6 ug/kg dry	50	"	"	"	"	"	
Bromoform	BRL	30.6 ug/kg dry	50	"	"	"	"	"	
Bromomethane	BRL	61.3 ug/kg dry	50	"	"	"	"	"	
2-Butanone (MEK)	BRL	306 ug/kg dry	50	"	"	"	"	"	
n-Butylbenzene	BRL	30.6 ug/kg dry	50	"	"	"	"	"	
sec-Butylbenzene	BRL	30.6 ug/kg dry	50	"	"	"	"	"	
tert-Butylbenzene	BRL	30.6 ug/kg dry	50	"	"	"	"	"	
Carbon disulfide	BRL	153 ug/kg dry	50	"	"	"	"	"	
Carbon tetrachloride	BRL	30.6 ug/kg dry	50	"	"	"	"	"	
Chlorobenzene	BRL	30.6 ug/kg dry	50	"	"	"	"	"	
Chloroethane	BRL	61.3 ug/kg dry	50	"	"	"	"	"	
Chloroform	BRL	30.6 ug/kg dry	50	"	"	"	"	"	
Chloromethane	BRL	61.3 ug/kg dry	50	"	"	"	"	"	
2-Chlorotoluene	BRL	30.6 ug/kg dry	50	"	"	"	"	"	
4-Chlorotoluene	BRL	30.6 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	61.3 ug/kg dry	50	"	"	"	"	"	
Dibromochloromethane	BRL	30.6 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	30.6 ug/kg dry	50	"	"	"	"	"	
Dibromomethane	BRL	30.6 ug/kg dry	50	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	30.6 ug/kg dry	50	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	30.6 ug/kg dry	50	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	30.6 ug/kg dry	50	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	61.3 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethane	BRL	30.6 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloroethane	BRL	30.6 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethene	BRL	30.6 ug/kg dry	50	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	30.6 ug/kg dry	50	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	30.6 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloropropane	BRL	30.6 ug/kg dry	50	"	"	"	"	"	
1,3-Dichloropropane	BRL	30.6 ug/kg dry	50	"	"	"	"	"	
2,2-Dichloropropane	BRL	30.6 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloropropene	BRL	30.6 ug/kg dry	50	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	30.6 ug/kg dry	50	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	30.6 ug/kg dry	50	"	"	"	"	"	
Ethylbenzene	BRL	30.6 ug/kg dry	50	"	"	"	"	"	
Hexachlorobutadiene	BRL	30.6 ug/kg dry	50	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi TP20 (4)	0013172	Soil	28-Jan-04 13:25	30-Jan-04
07792-07				

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							VOC10
2-Hexanone (MBK)	BRL	306 ug/kg dry	50	"	"	"	"	"	
Isopropylbenzene	BRL	30.6 ug/kg dry	50	"	"	"	"	"	
4-Isopropyltoluene	BRL	30.6 ug/kg dry	50	"	"	"	"	"	
Methyl tert-butyl ether	BRL	30.6 ug/kg dry	50	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	306 ug/kg dry	50	"	"	"	"	"	
Methylene chloride	BRL	306 ug/kg dry	50	"	"	"	"	"	
Naphthalene	BRL	30.6 ug/kg dry	50	"	"	"	"	"	
n-Propylbenzene	BRL	30.6 ug/kg dry	50	"	"	"	"	"	
Styrene	BRL	30.6 ug/kg dry	50	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	30.6 ug/kg dry	50	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	30.6 ug/kg dry	50	"	"	"	"	"	
Tetrachloroethene	BRL	30.6 ug/kg dry	50	"	"	"	"	"	
Toluene	BRL	30.6 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	30.6 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	30.6 ug/kg dry	50	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	30.6 ug/kg dry	50	"	"	"	"	"	
' ' 2-Trichloroethane	BRL	30.6 ug/kg dry	50	"	"	"	"	"	
nloroethene	159	30.6 ug/kg dry	50	"	"	"	"	"	
ilorofluoromethane (Freon 11)	BRL	30.6 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	30.6 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	30.6 ug/kg dry	50	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	30.6 ug/kg dry	50	"	"	"	"	"	
Vinyl chloride	BRL	30.6 ug/kg dry	50	"	"	"	"	"	
m,p-Xylene	BRL	61.3 ug/kg dry	50	"	"	"	"	"	
o-Xylene	BRL	30.6 ug/kg dry	50	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*105*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*96.0*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*90.8*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*95.2*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi TP20 (4) 07792-07	0013172	Soil	28-Jan-04 13:25	30-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Total Metals by EPA 6000/7000 Series Methods, Prepared by SW846 3050B									
Mercury	BRL	0.200 mg/kg dry	1	SW846 7471A	02-Feb-04	02-Feb-04	4020045	YP	
Total Metals by EPA 200 Series Methods									
Silver	BRL	2.12 mg/kg dry	1	EPA 200.7	"	02-Feb-04	4020046	KS	
Arsenic	7.28	3.19 mg/kg dry	1	"	"	"	"	"	
Barium	61.3	1.06 mg/kg dry	1	"	"	"	"	"	
Cadmium	BRL	0.531 mg/kg dry	1	"	"	"	"	"	
Chromium	9.79	1.06 mg/kg dry	1	"	"	"	"	"	
Lead	37.8	1.59 mg/kg dry	1	"	"	"	"	"	
Selenium	BRL	3.19 mg/kg dry	1	"	"	"	"	"	
General Chemistry Parameters									
% Solids	84.1	%	1	SM2540 G Mod.	30-Jan-04	02-Feb-04	4011577	RB	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi TP21 (3) 07792-08	0013172	Soil	28-Jan-04 14:05	30-Jan-04

Analyte(s)	*Result*	*RDL/Units	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
VOC Extraction	Field Extracted	N/A	1	VOC	30-Jan-04	30-Jan-04	4011591	LN	
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							VOC10
Acetone	BRL	645 ug/kg dry	50	SW846 8260B	30-Jan-04	31-Jan-04	4011582	RLJ	
Acrylonitrile	BRL	32.2 ug/kg dry	50	"	"	"	"	"	
Benzene	BRL	32.2 ug/kg dry	50	"	"	"	"	"	
Bromobenzene	BRL	32.2 ug/kg dry	50	"	"	"	"	"	
Bromochloromethane	BRL	32.2 ug/kg dry	50	"	"	"	"	"	
Bromodichloromethane	BRL	32.2 ug/kg dry	50	"	"	"	"	"	
Bromoform	BRL	32.2 ug/kg dry	50	"	"	"	"	"	
Bromomethane	BRL	64.5 ug/kg dry	50	"	"	"	"	"	
2-Butanone (MEK)	BRL	322 ug/kg dry	50	"	"	"	"	"	
n-Butylbenzene	BRL	32.2 ug/kg dry	50	"	"	"	"	"	
sec-Butylbenzene	BRL	32.2 ug/kg dry	50	"	"	"	"	"	
tert-Butylbenzene	BRL	32.2 ug/kg dry	50	"	"	"	"	"	
Carbon disulfide	BRL	161 ug/kg dry	50	"	"	"	"	"	
Carbon tetrachloride	BRL	32.2 ug/kg dry	50	"	"	"	"	"	
Chlorobenzene	BRL	32.2 ug/kg dry	50	"	"	"	"	"	
'oroethane	BRL	64.5 ug/kg dry	50	"	"	"	"	"	
oroform	BRL	32.2 ug/kg dry	50	"	"	"	"	"	
oromethane	BRL	64.5 ug/kg dry	50	"	"	"	"	"	
2-Chlorotoluene	BRL	32.2 ug/kg dry	50	"	"	"	"	"	
4-Chlorotoluene	BRL	32.2 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	64.5 ug/kg dry	50	"	"	"	"	"	
Dibromochloromethane	BRL	32.2 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	32.2 ug/kg dry	50	"	"	"	"	"	
Dibromomethane	BRL	32.2 ug/kg dry	50	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	32.2 ug/kg dry	50	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	32.2 ug/kg dry	50	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	32.2 ug/kg dry	50	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	64.5 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethane	BRL	32.2 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloroethane	BRL	32.2 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethene	BRL	32.2 ug/kg dry	50	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	32.2 ug/kg dry	50	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	32.2 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloropropane	BRL	32.2 ug/kg dry	50	"	"	"	"	"	
1,3-Dichloropropane	BRL	32.2 ug/kg dry	50	"	"	"	"	"	
2,2-Dichloropropane	BRL	32.2 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloropropene	BRL	32.2 ug/kg dry	50	"	"	"	"	"	
',3-Dichloropropene	BRL	32.2 ug/kg dry	50	"	"	"	"	"	
-1,3-Dichloropropene	BRL	32.2 ug/kg dry	50	"	"	"	"	"	
'benzene	BRL	32.2 ug/kg dry	50	"	"	"	"	"	
achlorobutadiene	BRL	32.2 ug/kg dry	50	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi TP21 (3) 07792-08	0013172	Soil	28-Jan-04 14:05	30-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							VOC10
2-Hexanone (MBK)	BRL	322 ug/kg dry	50	"	"	"	"	"	
Isopropylbenzene	BRL	32.2 ug/kg dry	50	"	"	"	"	"	
4-Isopropyltoluene	BRL	32.2 ug/kg dry	50	"	"	"	"	"	
Methyl tert-butyl ether	BRL	32.2 ug/kg dry	50	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	322 ug/kg dry	50	"	"	"	"	"	
Methylene chloride	BRL	322 ug/kg dry	50	"	"	"	"	"	
Naphthalene	BRL	32.2 ug/kg dry	50	"	"	"	"	"	
n-Propylbenzene	BRL	32.2 ug/kg dry	50	"	"	"	"	"	
Styrene	BRL	32.2 ug/kg dry	50	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	32.2 ug/kg dry	50	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	32.2 ug/kg dry	50	"	"	"	"	"	
Tetrachloroethene	BRL	32.2 ug/kg dry	50	"	"	"	"	"	
Toluene	BRL	32.2 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	32.2 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	32.2 ug/kg dry	50	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	32.2 ug/kg dry	50	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	32.2 ug/kg dry	50	"	"	"	"	"	
Trichloroethene	117	32.2 ug/kg dry	50	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	32.2 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	32.2 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	32.2 ug/kg dry	50	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	32.2 ug/kg dry	50	"	"	"	"	"	
Vinyl chloride	BRL	32.2 ug/kg dry	50	"	"	"	"	"	
m,p-Xylene	BRL	64.5 ug/kg dry	50	"	"	"	"	"	
o-Xylene	BRL	32.2 ug/kg dry	50	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*105*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*96.8*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*93.6*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*100*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi TP21 (3) 07792-08	0013172	Soil	28-Jan-04 14:05	30-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Total Metals by EPA 6000/7000 Series Methods, Prepared by SW846 3050B									
Mercury	BRL	0.214 mg/kg dry	1	SW846 7471A	02-Feb-04	02-Feb-04	4020045	YP	
Total Metals by EPA 200 Series Methods									
Silver	BRL	2.14 mg/kg dry	1	EPA 200.7	"	02-Feb-04	4020046	KS	
Arsenic	5.30	3.20 mg/kg dry	1	"	"	"	"	"	
Barium	80.3	1.07 mg/kg dry	1	"	"	"	"	"	
Cadmium	BRL	0.534 mg/kg dry	1	"	"	"	"	"	
Chromium	10.1	1.07 mg/kg dry	1	"	"	"	"	"	
Lead	18.7	1.60 mg/kg dry	1	"	"	"	"	"	
Selenium	BRL	3.20 mg/kg dry	1	"	"	"	"	"	
General Chemistry Parameters									
% Solids	81.8	%	1	SM2540 G Mod.	30-Jan-04	02-Feb-04	4011577	RB	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi TP21 (3)	0013172	Soil	28-Jan-04 14:05	30-Jan-04
07792-08RE1				

Analyte(s)	*Result*	*RDL/Units	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5035A							VOC10
Acetone	BRL	104 ug/kg dry	1	SW846 8260B	30-Jan-04	02-Feb-04	4020035	tim	
Acrylonitrile	BRL	5.21 ug/kg dry	1	"	"	"	"	"	
Benzene	BRL	5.21 ug/kg dry	1	"	"	"	"	"	
Bromobenzene	BRL	5.21 ug/kg dry	1	"	"	"	"	"	
Bromochloromethane	BRL	5.21 ug/kg dry	1	"	"	"	"	"	
Bromodichloromethane	BRL	5.21 ug/kg dry	1	"	"	"	"	"	
Bromoform	BRL	5.21 ug/kg dry	1	"	"	"	"	"	
Bromomethane	BRL	10.4 ug/kg dry	1	"	"	"	"	"	
2-Butanone (MEK)	BRL	52.1 ug/kg dry	1	"	"	"	"	"	
n-Butylbenzene	BRL	5.21 ug/kg dry	1	"	"	"	"	"	
sec-Butylbenzene	BRL	5.21 ug/kg dry	1	"	"	"	"	"	
tert-Butylbenzene	BRL	5.21 ug/kg dry	1	"	"	"	"	"	
Carbon disulfide	BRL	26.0 ug/kg dry	1	"	"	"	"	"	
Carbon tetrachloride	BRL	5.21 ug/kg dry	1	"	"	"	"	"	
Chlorobenzene	BRL	5.21 ug/kg dry	1	"	"	"	"	"	
Chloroethane	BRL	10.4 ug/kg dry	1	"	"	"	"	"	
Chloroform	BRL	5.21 ug/kg dry	1	"	"	"	"	"	
Chloromethane	BRL	10.4 ug/kg dry	1	"	"	"	"	"	
2-Chlorotoluene	BRL	5.21 ug/kg dry	1	"	"	"	"	"	
4-Chlorotoluene	BRL	5.21 ug/kg dry	1	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	10.4 ug/kg dry	1	"	"	"	"	"	
Dibromochloromethane	BRL	5.21 ug/kg dry	1	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	5.21 ug/kg dry	1	"	"	"	"	"	
Dibromomethane	BRL	5.21 ug/kg dry	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	5.21 ug/kg dry	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	5.21 ug/kg dry	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	5.21 ug/kg dry	1	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	10.4 ug/kg dry	1	"	"	"	"	"	
1,1-Dichloroethane	BRL	5.21 ug/kg dry	1	"	"	"	"	"	
1,2-Dichloroethane	BRL	5.21 ug/kg dry	1	"	"	"	"	"	
1,1-Dichloroethene	BRL	5.21 ug/kg dry	1	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	5.21 ug/kg dry	1	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	5.21 ug/kg dry	1	"	"	"	"	"	
1,2-Dichloropropane	BRL	5.21 ug/kg dry	1	"	"	"	"	"	
1,3-Dichloropropane	BRL	5.21 ug/kg dry	1	"	"	"	"	"	
2,2-Dichloropropane	BRL	5.21 ug/kg dry	1	"	"	"	"	"	
1,1-Dichloropropene	BRL	5.21 ug/kg dry	1	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	5.21 ug/kg dry	1	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	5.21 ug/kg dry	1	"	"	"	"	"	
Ethylbenzene	BRL	5.21 ug/kg dry	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	5.21 ug/kg dry	1	"	"	"	"	"	
2-Hexanone (MBK)	BRL	52.1 ug/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi TP21 (3) 07792-08RE1	0013172	Soil	28-Jan-04 14:05	30-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5035A							VOC10
Isopropylbenzene	BRL	5.21 ug/kg dry	1						
4-Isopropyltoluene	BRL	5.21 ug/kg dry	1						
Methyl tert-butyl ether	BRL	5.21 ug/kg dry	1						
4-Methyl-2-pentanone (MIBK)	BRL	52.1 ug/kg dry	1						
Methylene chloride	BRL	52.1 ug/kg dry	1						
Naphthalene	BRL	5.21 ug/kg dry	1						
n-Propylbenzene	BRL	5.21 ug/kg dry	1						
Styrene	BRL	5.21 ug/kg dry	1						
1,1,1,2-Tetrachloroethane	BRL	5.21 ug/kg dry	1						
1,1,2,2-Tetrachloroethane	BRL	5.21 ug/kg dry	1						
Tetrachloroethene	BRL	5.21 ug/kg dry	1						
Toluene	BRL	5.21 ug/kg dry	1						
1,2,3-Trichlorobenzene	BRL	5.21 ug/kg dry	1						
1,2,4-Trichlorobenzene	BRL	5.21 ug/kg dry	1						
1,1,1-Trichloroethane	BRL	5.21 ug/kg dry	1						
1,1,2-Trichloroethane	BRL	5.21 ug/kg dry	1						
Trichloroethene	93.1	5.21 ug/kg dry	1						
Trichlorofluoromethane (Freon 11)	BRL	5.21 ug/kg dry	1						
1,2,3-Trichloropropane	BRL	5.21 ug/kg dry	1						
1,2,4-Trimethylbenzene	BRL	5.21 ug/kg dry	1						
1,3,5-Trimethylbenzene	BRL	5.21 ug/kg dry	1						
Vinyl chloride	BRL	5.21 ug/kg dry	1						
m,p-Xylene	BRL	10.4 ug/kg dry	1						
o-Xylene	BRL	5.21 ug/kg dry	1						
Surrogate: 4-Bromofluorobenzene	*90.0*	*70-130 %*							
Surrogate: Toluene-d8	*97.0*	*70-130 %*							
Surrogate: 1,2-Dichloroethane-d4	*104*	*70-130 %*							
Surrogate: Dibromofluoromethane	*102*	*70-130 %*							

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi TP22 (3.5) 07792-09	0013172	Soil	28-Jan-04 14:36	30-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
VOC Extraction	Field Extracted	N/A	1	VOC	30-Jan-04	30-Jan-04	4011591	LN	
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							R-05, VOC10
Acetone	BRL	657 ug/kg dry	50	SW846 8260B	30-Jan-04	31-Jan-04	4011582	RLJ	
Acrylonitrile	BRL	32.9 ug/kg dry	50	"	"	"	"	"	
Benzene	BRL	32.9 ug/kg dry	50	"	"	"	"	"	
Bromobenzene	BRL	32.9 ug/kg dry	50	"	"	"	"	"	
Bromochloromethane	BRL	32.9 ug/kg dry	50	"	"	"	"	"	
Bromodichloromethane	BRL	32.9 ug/kg dry	50	"	"	"	"	"	
Bromoform	BRL	32.9 ug/kg dry	50	"	"	"	"	"	
Bromomethane	BRL	65.7 ug/kg dry	50	"	"	"	"	"	
2-Butanone (MEK)	BRL	329 ug/kg dry	50	"	"	"	"	"	
n-Butylbenzene	BRL	32.9 ug/kg dry	50	"	"	"	"	"	
sec-Butylbenzene	BRL	32.9 ug/kg dry	50	"	"	"	"	"	
tert-Butylbenzene	BRL	32.9 ug/kg dry	50	"	"	"	"	"	
Carbon disulfide	BRL	164 ug/kg dry	50	"	"	"	"	"	
Carbon tetrachloride	BRL	32.9 ug/kg dry	50	"	"	"	"	"	
Chlorobenzene	BRL	32.9 ug/kg dry	50	"	"	"	"	"	
'oroethane	BRL	65.7 ug/kg dry	50	"	"	"	"	"	
.ioroform	BRL	32.9 ug/kg dry	50	"	"	"	"	"	
Chloromethane	BRL	65.7 ug/kg dry	50	"	"	"	"	"	
2-Chlorotoluene	BRL	32.9 ug/kg dry	50	"	"	"	"	"	
4-Chlorotoluene	BRL	32.9 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	65.7 ug/kg dry	50	"	"	"	"	"	
Dibromochloromethane	BRL	32.9 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	32.9 ug/kg dry	50	"	"	"	"	"	
Dibromomethane	BRL	32.9 ug/kg dry	50	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	32.9 ug/kg dry	50	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	32.9 ug/kg dry	50	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	32.9 ug/kg dry	50	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	65.7 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethane	BRL	32.9 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloroethane	BRL	32.9 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethene	BRL	32.9 ug/kg dry	50	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	32.9 ug/kg dry	50	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	32.9 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloropropane	BRL	32.9 ug/kg dry	50	"	"	"	"	"	
1,3-Dichloropropane	BRL	32.9 ug/kg dry	50	"	"	"	"	"	
2,2-Dichloropropane	BRL	32.9 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloropropene	BRL	32.9 ug/kg dry	50	"	"	"	"	"	
',3-Dichloropropene	BRL	32.9 ug/kg dry	50	"	"	"	"	"	
.s-1,3-Dichloropropene	BRL	32.9 ug/kg dry	50	"	"	"	"	"	
Ethylbenzene	BRL	32.9 ug/kg dry	50	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi TP22 (3.5) 07792-09	0013172	Soil	28-Jan-04 14:36	30-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							R-05, VOC10
Hexachlorobutadiene	BRL	32.9 ug/kg dry	50	"	"	"	"	"	
2-Hexanone (MBK)	BRL	329 ug/kg dry	50	"	"	"	"	"	
Isopropylbenzene	BRL	32.9 ug/kg dry	50	"	"	"	"	"	
4-Isopropyltoluene	BRL	32.9 ug/kg dry	50	"	"	"	"	"	
Methyl tert-butyl ether	BRL	32.9 ug/kg dry	50	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	329 ug/kg dry	50	"	"	"	"	"	
Methylene chloride	BRL	329 ug/kg dry	50	"	"	"	"	"	
Naphthalene	BRL	32.9 ug/kg dry	50	"	"	"	"	"	
n-Propylbenzene	BRL	32.9 ug/kg dry	50	"	"	"	"	"	
Styrene	BRL	32.9 ug/kg dry	50	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	32.9 ug/kg dry	50	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	32.9 ug/kg dry	50	"	"	"	"	"	
Tetrachloroethene	BRL	32.9 ug/kg dry	50	"	"	"	"	"	
Toluene	BRL	32.9 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	32.9 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	32.9 ug/kg dry	50	"	"	"	"	"	
1-Trichloroethane	BRL	32.9 ug/kg dry	50	"	"	"	"	"	
2-Trichloroethane	BRL	32.9 ug/kg dry	50	"	"	"	"	"	
richloroethene	BRL	32.9 ug/kg dry	50	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	32.9 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	32.9 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	32.9 ug/kg dry	50	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	32.9 ug/kg dry	50	"	"	"	"	"	
Vinyl chloride	BRL	32.9 ug/kg dry	50	"	"	"	"	"	
m,p-Xylene	BRL	65.7 ug/kg dry	50	"	"	"	"	"	
o-Xylene	BRL	32.9 ug/kg dry	50	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*102*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*96.2*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*88.0*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*96.0*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi TP22 (3.5) 97792-09	0013172	Soil	28-Jan-04 14:36	30-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Total Metals by EPA 6000/7000 Series Methods, Prepared by SW846 3050B									
Mercury	BRL	0.192 mg/kg dry	1	SW846 7471A	02-Feb-04	02-Feb-04	4020045	YP	
Total Metals by EPA 200 Series Methods									
Silver	BRL	2.05 mg/kg dry	1	EPA 200.7	"	02-Feb-04	4020046	KS	
Arsenic	7.48	3.07 mg/kg dry	1	"	"	"	"	"	
Barium	64.7	1.02 mg/kg dry	1	"	"	"	"	"	
Cadmium	BRL	0.511 mg/kg dry	1	"	"	"	"	"	
Chromium	15.6	1.02 mg/kg dry	1	"	"	"	"	"	
Lead	43.8	1.53 mg/kg dry	1	"	"	"	"	"	
Selenium	BRL	3.07 mg/kg dry	1	"	"	"	"	"	
General Chemistry Parameters									
% Solids	83.7	%	1	SM2540 G Mod.	30-Jan-04	02-Feb-04	4011577	RB	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi TP23B (3) 07792-10	0013172	Soil	28-Jan-04 15:04	30-Jan-04

Analyte(s)	*Result*	*RDL/Units	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
VOC Extraction	Field Extracted	N/A	1	VOC	30-Jan-04	30-Jan-04	4011591	LN	
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							VOC10
Acetone	BRL	834 ug/kg dry	50	SW846 8260B	30-Jan-04	31-Jan-04	4011582	RLJ	
Acrylonitrile	BRL	41.7 ug/kg dry	50	"	"	"	"	"	
Benzene	BRL	41.7 ug/kg dry	50	"	"	"	"	"	
Bromobenzene	BRL	41.7 ug/kg dry	50	"	"	"	"	"	
Bromochloromethane	BRL	41.7 ug/kg dry	50	"	"	"	"	"	
Bromodichloromethane	BRL	41.7 ug/kg dry	50	"	"	"	"	"	
Bromoform	BRL	41.7 ug/kg dry	50	"	"	"	"	"	
Bromomethane	BRL	83.4 ug/kg dry	50	"	"	"	"	"	
2-Butanone (MEK)	BRL	417 ug/kg dry	50	"	"	"	"	"	
n-Butylbenzene	BRL	41.7 ug/kg dry	50	"	"	"	"	"	
sec-Butylbenzene	BRL	41.7 ug/kg dry	50	"	"	"	"	"	
tert-Butylbenzene	BRL	41.7 ug/kg dry	50	"	"	"	"	"	
Carbon disulfide	BRL	208 ug/kg dry	50	"	"	"	"	"	
Carbon tetrachloride	BRL	41.7 ug/kg dry	50	"	"	"	"	"	
Chlorobenzene	BRL	41.7 ug/kg dry	50	"	"	"	"	"	
roethane	BRL	83.4 ug/kg dry	50	"	"	"	"	"	
roform	BRL	41.7 ug/kg dry	50	"	"	"	"	"	
omethane	BRL	83.4 ug/kg dry	50	"	"	"	"	"	
2-Chlorotoluene	BRL	41.7 ug/kg dry	50	"	"	"	"	"	
4-Chlorotoluene	BRL	41.7 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	83.4 ug/kg dry	50	"	"	"	"	"	
Dibromochloromethane	BRL	41.7 ug/kg dry	50	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	41.7 ug/kg dry	50	"	"	"	"	"	
Dibromomethane	BRL	41.7 ug/kg dry	50	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	41.7 ug/kg dry	50	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	41.7 ug/kg dry	50	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	41.7 ug/kg dry	50	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	83.4 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethane	BRL	41.7 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloroethane	BRL	41.7 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloroethene	BRL	41.7 ug/kg dry	50	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	41.7 ug/kg dry	50	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	41.7 ug/kg dry	50	"	"	"	"	"	
1,2-Dichloropropane	BRL	41.7 ug/kg dry	50	"	"	"	"	"	
1,3-Dichloropropane	BRL	41.7 ug/kg dry	50	"	"	"	"	"	
2,2-Dichloropropane	BRL	41.7 ug/kg dry	50	"	"	"	"	"	
1,1-Dichloropropene	BRL	41.7 ug/kg dry	50	"	"	"	"	"	
3-Dichloropropene	BRL	41.7 ug/kg dry	50	"	"	"	"	"	
-1,3-Dichloropropene	BRL	41.7 ug/kg dry	50	"	"	"	"	"	
enzene	BRL	41.7 ug/kg dry	50	"	"	"	"	"	
chlorobutadiene	BRL	41.7 ug/kg dry	50	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi TP23B (3) 07792-10	0013172	Soil	28-Jan-04 15:04	30-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5030 Soil MS							VOC10
2-Hexanone (MBK)	BRL	417 ug/kg dry	50	"	"	"	"	"	
Isopropylbenzene	BRL	41.7 ug/kg dry	50	"	"	"	"	"	
4-Isopropyltoluene	BRL	41.7 ug/kg dry	50	"	"	"	"	"	
Methyl tert-butyl ether	BRL	41.7 ug/kg dry	50	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	417 ug/kg dry	50	"	"	"	"	"	
Methylene chloride	BRL	417 ug/kg dry	50	"	"	"	"	"	
Naphthalene	BRL	41.7 ug/kg dry	50	"	"	"	"	"	
n-Propylbenzene	BRL	41.7 ug/kg dry	50	"	"	"	"	"	
Styrene	BRL	41.7 ug/kg dry	50	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	41.7 ug/kg dry	50	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	41.7 ug/kg dry	50	"	"	"	"	"	
Tetrachloroethene	BRL	41.7 ug/kg dry	50	"	"	"	"	"	
Toluene	BRL	41.7 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	41.7 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	41.7 ug/kg dry	50	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	41.7 ug/kg dry	50	"	"	"	"	"	
2-Trichloroethane	BRL	41.7 ug/kg dry	50	"	"	"	"	"	
hloroethene	75.0	41.7 ug/kg dry	50	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	41.7 ug/kg dry	50	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	41.7 ug/kg dry	50	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	41.7 ug/kg dry	50	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	41.7 ug/kg dry	50	"	"	"	"	"	
Vinyl chloride	BRL	41.7 ug/kg dry	50	"	"	"	"	"	
m,p-Xylene	BRL	83.4 ug/kg dry	50	"	"	"	"	"	
o-Xylene	BRL	41.7 ug/kg dry	50	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*104*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*97.8*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*95.2*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*103*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi TP23B (3) 07792-10	0013172	Soil	28-Jan-04 15:04	30-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Total Metals by EPA 6000/7000 Series Methods, Prepared by SW846 3050B									
Mercury	BRL	0.194 mg/kg dry	1	SW846 7471A	02-Feb-04	02-Feb-04	4020045	YP	
Total Metals by EPA 200 Series Methods									
Silver	BRL	2.47 mg/kg dry	1	EPA 200.7	"	02-Feb-04	4020046	KS	
Arsenic	7.11	3.71 mg/kg dry	1	"	"	"	"	"	
Barium	91.6	1.24 mg/kg dry	1	"	"	"	"	"	
Cadmium	BRL	0.618 mg/kg dry	1	"	"	"	"	"	
Chromium	11.5	1.24 mg/kg dry	1	"	"	"	"	"	
Lead	24.6	1.85 mg/kg dry	1	"	"	"	"	"	
Selenium	BRL	3.71 mg/kg dry	1	"	"	"	"	"	
General Chemistry Parameters									
% Solids	79.8	%	1	SM2540 G Mod.	30-Jan-04	02-Feb-04	4011577	RB	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi TP23B (3) 07792-10RE1	0013172	Soil	28-Jan-04 15:04	30-Jan-04

Analyte(s)	*Result*	*RDL/Units	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5035A							VOC10
Acetone	BRL	91.3 ug/kg dry	1	SW846 8260B	30-Jan-04	02-Feb-04	4020035	tim	
Acrylonitrile	BRL	4.57 ug/kg dry	1	"	"	"	"	"	
Benzene	BRL	4.57 ug/kg dry	1	"	"	"	"	"	
Bromobenzene	BRL	4.57 ug/kg dry	1	"	"	"	"	"	
Bromochloromethane	BRL	4.57 ug/kg dry	1	"	"	"	"	"	
Bromodichloromethane	BRL	4.57 ug/kg dry	1	"	"	"	"	"	
Bromoform	BRL	4.57 ug/kg dry	1	"	"	"	"	"	
Bromomethane	BRL	9.13 ug/kg dry	1	"	"	"	"	"	
2-Butanone (MEK)	BRL	45.7 ug/kg dry	1	"	"	"	"	"	
n-Butylbenzene	BRL	4.57 ug/kg dry	1	"	"	"	"	"	
sec-Butylbenzene	BRL	4.57 ug/kg dry	1	"	"	"	"	"	
tert-Butylbenzene	BRL	4.57 ug/kg dry	1	"	"	"	"	"	
Carbon disulfide	BRL	22.8 ug/kg dry	1	"	"	"	"	"	
Carbon tetrachloride	BRL	4.57 ug/kg dry	1	"	"	"	"	"	
Chlorobenzene	BRL	4.57 ug/kg dry	1	"	"	"	"	"	
Chloroethane	BRL	9.13 ug/kg dry	1	"	"	"	"	"	
~loroform	BRL	4.57 ug/kg dry	1	"	"	"	"	"	
:oromethane	BRL	9.13 ug/kg dry	1	"	"	"	"	"	
2-Chlorotoluene	BRL	4.57 ug/kg dry	1	"	"	"	"	"	
4-Chlorotoluene	BRL	4.57 ug/kg dry	1	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	9.13 ug/kg dry	1	"	"	"	"	"	
Dibromochloromethane	BRL	4.57 ug/kg dry	1	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	4.57 ug/kg dry	1	"	"	"	"	"	
Dibromomethane	BRL	4.57 ug/kg dry	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	4.57 ug/kg dry	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	4.57 ug/kg dry	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	4.57 ug/kg dry	1	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	9.13 ug/kg dry	1	"	"	"	"	"	
1,1-Dichloroethane	BRL	4.57 ug/kg dry	1	"	"	"	"	"	
1,2-Dichloroethane	BRL	4.57 ug/kg dry	1	"	"	"	"	"	
1,1-Dichloroethene	BRL	4.57 ug/kg dry	1	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	4.57 ug/kg dry	1	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	4.57 ug/kg dry	1	"	"	"	"	"	
1,2-Dichloropropane	BRL	4.57 ug/kg dry	1	"	"	"	"	"	
1,3-Dichloropropane	BRL	4.57 ug/kg dry	1	"	"	"	"	"	
2,2-Dichloropropane	BRL	4.57 ug/kg dry	1	"	"	"	"	"	
1,1-Dichloropropene	BRL	4.57 ug/kg dry	1	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	4.57 ug/kg dry	1	"	"	"	"	"	
~s-1,3-Dichloropropene	BRL	4.57 ug/kg dry	1	"	"	"	"	"	
ylbenzene	BRL	4.57 ug/kg dry	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	4.57 ug/kg dry	1	"	"	"	"	"	
2-Hexanone (MBK)	BRL	45.7 ug/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi TP23B (3) 17792-10RE1	0013172	Soil	28-Jan-04 15:04	30-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5035A							VOC10
Isopropylbenzene	BRL	4.57 ug/kg dry	1						
4-Isopropyltoluene	BRL	4.57 ug/kg dry	1						
Methyl tert-butyl ether	BRL	4.57 ug/kg dry	1						
4-Methyl-2-pentanone (MIBK)	BRL	45.7 ug/kg dry	1						
Methylene chloride	BRL	45.7 ug/kg dry	1						
Naphthalene	BRL	4.57 ug/kg dry	1						
n-Propylbenzene	BRL	4.57 ug/kg dry	1						
Styrene	BRL	4.57 ug/kg dry	1						
1,1,1,2-Tetrachloroethane	BRL	4.57 ug/kg dry	1						
1,1,2,2-Tetrachloroethane	BRL	4.57 ug/kg dry	1						
Tetrachloroethene	BRL	4.57 ug/kg dry	1						
Toluene	BRL	4.57 ug/kg dry	1						
1,2,3-Trichlorobenzene	BRL	4.57 ug/kg dry	1						
1,2,4-Trichlorobenzene	BRL	4.57 ug/kg dry	1						
1,1,1-Trichloroethane	BRL	4.57 ug/kg dry	1						
1,1,2-Trichloroethane	BRL	4.57 ug/kg dry	1						
hloroethene	46.9	4.57 ug/kg dry	1						
hlorofluoromethane (Freon 11)	BRL	4.57 ug/kg dry	1						
,2-Trichloropropane	BRL	4.57 ug/kg dry	1						
1,2,4-Trimethylbenzene	BRL	4.57 ug/kg dry	1						
1,3,5-Trimethylbenzene	BRL	4.57 ug/kg dry	1						
Vinyl chloride	BRL	4.57 ug/kg dry	1						
m,p-Xylene	BRL	9.13 ug/kg dry	1						
o-Xylene	BRL	4.57 ug/kg dry	1						
Surrogate: 4-Bromofluorobenzene	*87.2*	*70-130 %*							
Surrogate: Toluene-d8	*95.6*	*70-130 %*							
Surrogate: 1,2-Dichloroethane-d4	*104*	*70-130 %*							
Surrogate: Dibromofluoromethane	*101*	*70-130 %*							

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi TB (012804) 07792-11	0013172	Aqueous	12-Jan-04 00:00	30-Jan-04

Analyte(s)	*Result*	*RDL/Units	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							HT-2
Acetone	BRL	20.0 ug/l	1	SW846 8260B	30-Jan-04	30-Jan-04	4011568	kw	
Acrylonitrile	BRL	1.00 ug/l	1	"	"	"	"	"	
Benzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromodichloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromoform	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromomethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Butanone (MEK)	BRL	10.0 ug/l	1	"	"	"	"	"	
n-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
sec-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
tert-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Carbon disulfide	BRL	5.00 ug/l	1	"	"	"	"	"	
Carbon tetrachloride	BRL	1.00 ug/l	1	"	"	"	"	"	
Chlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Chloroethane	BRL	2.00 ug/l	1	"	"	"	"	"	
Chloroform	BRL	1.00 ug/l	1	"	"	"	"	"	
Chloromethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	2.00 ug/l	1	"	"	"	"	"	
Dibromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	1.00 ug/l	1	"	"	"	"	"	
Dibromomethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	2.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
2,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
Ethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	1.00 ug/l	1	"	"	"	"	"	
2-Hexanone (MBK)	BRL	10.0 ug/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi TB (012804) `A07792-11	0013172	Aqueous	12-Jan-04 00:00	30-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							HT-2
Isopropylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Isopropyltoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
Methyl tert-butyl ether	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	10.0 ug/l	1	"	"	"	"	"	
Methylene chloride	BRL	10.0 ug/l	1	"	"	"	"	"	
Naphthalene	BRL	1.00 ug/l	1	"	"	"	"	"	
n-Propylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Styrene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Tetrachloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
Toluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
chloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
chlorofluoromethane (Freon 11)	BRL	1.00 ug/l	1	"	"	"	"	"	
,3-Trichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Vinyl chloride	BRL	1.00 ug/l	1	"	"	"	"	"	
m,p-Xylene	BRL	2.00 ug/l	1	"	"	"	"	"	
o-Xylene	BRL	1.00 ug/l	1	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*97.2*	*70-130 %*		"	"	30-Jan-04	"	"	
Surrogate: Toluene-d8	*98.4*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*103*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*100*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi Dupe (012804) 07792-12	0013172	Soil	28-Jan-04 00:00	30-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
VOC Extraction	Lab Extracted	N/A	1	VOC	30-Jan-04	30-Jan-04	4011591	LN	
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5035A							
Acetone	151	113 ug/kg dry	1	SW846 8260B	30-Jan-04	02-Feb-04	4020035	tim	VOC6
Acrylonitrile	BRL	5.66 ug/kg dry	1	"	"	"	"	"	
Benzene	BRL	5.66 ug/kg dry	1	"	"	"	"	"	
Bromobenzene	BRL	5.66 ug/kg dry	1	"	"	"	"	"	
Bromochloromethane	BRL	5.66 ug/kg dry	1	"	"	"	"	"	
Bromodichloromethane	BRL	5.66 ug/kg dry	1	"	"	"	"	"	
Bromoform	BRL	5.66 ug/kg dry	1	"	"	"	"	"	
Bromomethane	BRL	11.3 ug/kg dry	1	"	"	"	"	"	
2-Butanone (MEK)	BRL	56.6 ug/kg dry	1	"	"	"	"	"	
n-Butylbenzene	BRL	5.66 ug/kg dry	1	"	"	"	"	"	
sec-Butylbenzene	BRL	5.66 ug/kg dry	1	"	"	"	"	"	
tert-Butylbenzene	BRL	5.66 ug/kg dry	1	"	"	"	"	"	
Carbon disulfide	BRL	28.3 ug/kg dry	1	"	"	"	"	"	
Carbon tetrachloride	BRL	5.66 ug/kg dry	1	"	"	"	"	"	
Chlorobenzene	BRL	5.66 ug/kg dry	1	"	"	"	"	"	
[illegible]oroethane	BRL	11.3 ug/kg dry	1	"	"	"	"	"	
[illegible]oroform	BRL	5.66 ug/kg dry	1	"	"	"	"	"	
Chloromethane	BRL	11.3 ug/kg dry	1	"	"	"	"	"	
2-Chlorotoluene	BRL	5.66 ug/kg dry	1	"	"	"	"	"	
4-Chlorotoluene	BRL	5.66 ug/kg dry	1	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	11.3 ug/kg dry	1	"	"	"	"	"	
Dibromochloromethane	BRL	5.66 ug/kg dry	1	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	5.66 ug/kg dry	1	"	"	"	"	"	
Dibromomethane	BRL	5.66 ug/kg dry	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	5.66 ug/kg dry	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	5.66 ug/kg dry	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	5.66 ug/kg dry	1	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	11.3 ug/kg dry	1	"	"	"	"	"	
1,1-Dichloroethane	BRL	5.66 ug/kg dry	1	"	"	"	"	"	
1,2-Dichloroethane	BRL	5.66 ug/kg dry	1	"	"	"	"	"	
1,1-Dichloroethene	BRL	5.66 ug/kg dry	1	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	5.66 ug/kg dry	1	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	5.66 ug/kg dry	1	"	"	"	"	"	
1,2-Dichloropropane	BRL	5.66 ug/kg dry	1	"	"	"	"	"	
1,3-Dichloropropane	BRL	5.66 ug/kg dry	1	"	"	"	"	"	
2,2-Dichloropropane	BRL	5.66 ug/kg dry	1	"	"	"	"	"	
1,1-Dichloropropene	BRL	5.66 ug/kg dry	1	"	"	"	"	"	
[illegible].3-Dichloropropene	BRL	5.66 ug/kg dry	1	"	"	"	"	"	
[illegible]-1,3-Dichloropropene	BRL	5.66 ug/kg dry	1	"	"	"	"	"	
Ethylbenzene	BRL	5.66 ug/kg dry	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	5.66 ug/kg dry	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi Dupe (012804) '07792-12	0013172	Soil	28-Jan-04 00:00	30-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method SW846 5035A							
2-Hexanone (MBK)	BRL	56.6 ug/kg dry	1	"	"	"	"	"	
Isopropylbenzene	BRL	5.66 ug/kg dry	1	"	"	"	"	"	
4-Isopropyltoluene	BRL	5.66 ug/kg dry	1	"	"	"	"	"	
Methyl tert-butyl ether	BRL	5.66 ug/kg dry	1	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	56.6 ug/kg dry	1	"	"	"	"	"	
Methylene chloride	BRL	56.6 ug/kg dry	1	"	"	"	"	"	
Naphthalene	BRL	5.66 ug/kg dry	1	"	"	"	"	"	
n-Propylbenzene	BRL	5.66 ug/kg dry	1	"	"	"	"	"	
Styrene	BRL	5.66 ug/kg dry	1	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	5.66 ug/kg dry	1	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	5.66 ug/kg dry	1	"	"	"	"	"	
Tetrachloroethene	BRL	5.66 ug/kg dry	1	"	"	"	"	"	
Toluene	BRL	5.66 ug/kg dry	1	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	5.66 ug/kg dry	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	5.66 ug/kg dry	1	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	5.66 ug/kg dry	1	"	"	"	"	"	
',2-Trichloroethane	BRL	5.66 ug/kg dry	1	"	"	"	"	"	
-hloroethene	48.9	5.66 ug/kg dry	1	"	"	"	"	"	
.lorofluoromethane (Freon 11)	BRL	5.66 ug/kg dry	1	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	5.66 ug/kg dry	1	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	5.66 ug/kg dry	1	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	5.66 ug/kg dry	1	"	"	"	"	"	
Vinyl chloride	BRL	5.66 ug/kg dry	1	"	"	"	"	"	
m,p-Xylene	BRL	11.3 ug/kg dry	1	"	"	"	"	"	
o-Xylene	BRL	5.66 ug/kg dry	1	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*82.8*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*92.0*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*104*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*102*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Axi Dupe (012804) 07792-12	0013172	Soil	28-Jan-04 00:00	30-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
General Chemistry Parameters									
% Solids	81.6	%	1	SM2540 G Mod.	30-Jan-04	02-Feb-04	4011577	RB	

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4011568 - Volatiles										
Blank (4011568-BLK1)				Prepared & Analyzed: 30-Jan-04						
Acetone	BRL	20.0	ug/l							
Acrylonitrile	BRL	1.00	ug/l							
Benzene	BRL	1.00	ug/l							
Bromobenzene	BRL	1.00	ug/l							
Bromochloromethane	BRL	1.00	ug/l							
Bromodichloromethane	BRL	1.00	ug/l							
Bromoform	BRL	1.00	ug/l							
Bromomethane	BRL	2.00	ug/l							
2-Butanone (MEK)	BRL	10.0	ug/l							
n-Butylbenzene	BRL	1.00	ug/l							
sec-Butylbenzene	BRL	1.00	ug/l							
tert-Butylbenzene	BRL	1.00	ug/l							
Carbon disulfide	BRL	5.00	ug/l							
Carbon tetrachloride	BRL	1.00	ug/l							
Chlorobenzene	BRL	1.00	ug/l							
Chloroethane	BRL	2.00	ug/l							
Chloroform	BRL	1.00	ug/l							
Chloromethane	BRL	2.00	ug/l							
2-Chlorotoluene	BRL	1.00	ug/l							
4-Chlorotoluene	BRL	1.00	ug/l							
1,2-Dibromo-3-chloropropane	BRL	2.00	ug/l							
Dibromochloromethane	BRL	1.00	ug/l							
1,2-Dibromoethane (EDB)	BRL	1.00	ug/l							
Dibromomethane	BRL	1.00	ug/l							
1,2-Dichlorobenzene	BRL	1.00	ug/l							
1,3-Dichlorobenzene	BRL	1.00	ug/l							
1,4-Dichlorobenzene	BRL	1.00	ug/l							
Dichlorodifluoromethane (Freon12)	BRL	2.00	ug/l							
1,1-Dichloroethane	BRL	1.00	ug/l							
1,2-Dichloroethane	BRL	1.00	ug/l							
1,1-Dichloroethene	BRL	1.00	ug/l							
cis-1,2-Dichloroethene	BRL	1.00	ug/l							
trans-1,2-Dichloroethene	BRL	1.00	ug/l							
1,2-Dichloropropane	BRL	1.00	ug/l							
1,3-Dichloropropane	BRL	1.00	ug/l							
2,2-Dichloropropane	BRL	1.00	ug/l							
1,1-Dichloropropene	BRL	1.00	ug/l							
cis-1,3-Dichloropropene	BRL	1.00	ug/l							
trans-1,3-Dichloropropene	BRL	1.00	ug/l							
Ethylbenzene	BRL	1.00	ug/l							
Hexachlorobutadiene	BRL	1.00	ug/l							
2-Hexanone (MBK)	BRL	10.0	ug/l							
Isopropylbenzene	BRL	1.00	ug/l							
4-Isopropyltoluene	BRL	1.00	ug/l							
Methyl tert-butyl ether	BRL	1.00	ug/l							
4-Methyl-2-pentanone (MIBK)	BRL	10.0	ug/l							
Methylene chloride	BRL	10.0	ug/l							
Naphthalene	BRL	1.00	ug/l							
n-Propylbenzene	BRL	1.00	ug/l							
Styrene	BRL	1.00	ug/l							
1,1,2-Tetrachloroethane	BRL	1.00	ug/l							
1,1,2,2-Tetrachloroethane	BRL	1.00	ug/l							
Tetrachloroethene	BRL	1.00	ug/l							
Toluene	BRL	1.00	ug/l							

alyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4011568 - Volatiles										
Blank (4011568-BLK1)				Prepared & Analyzed: 30-Jan-04						
1,2,3-Trichlorobenzene	BRL	1.00	ug/l							
1,2,4-Trichlorobenzene	BRL	1.00	ug/l							
1,1,1-Trichloroethane	BRL	1.00	ug/l							
1,1,2-Trichloroethane	BRL	1.00	ug/l							
Trichloroethene	BRL	1.00	ug/l							
Trichlorofluoromethane (Freon 11)	BRL	1.00	ug/l							
1,2,3-Trichloropropane	BRL	1.00	ug/l							
1,2,4-Trimethylbenzene	BRL	1.00	ug/l							
1,3,5-Trimethylbenzene	BRL	1.00	ug/l							
Vinyl chloride	BRL	1.00	ug/l							
m,p-Xylene	BRL	2.00	ug/l							
o-Xylene	BRL	1.00	ug/l							
Surrogate: 4-Bromofluorobenzene	*48.4*		ug/l	*50.0*		*96.8*	*70-130*			
Surrogate: Toluene-d8	*48.9*		ug/l	*50.0*		*97.8*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*51.3*		ug/l	*50.0*		*103*	*70-130*			
Surrogate: Dibromofluoromethane	*49.9*		ug/l	*50.0*		*99.8*	*70-130*			
Matrix Spike (4011568-MS1)	Source: SA07679-01			Prepared & Analyzed: 30-Jan-04						
Benzene	17.0		ug/l	20.0	BRL	85.0	70-130			
Chlorobenzene	18.1		ug/l	20.0	BRL	90.5	70-130			
1,1-Dichloroethene	15.5		ug/l	20.0	BRL	77.5	70-130			
Toluene	17.6		ug/l	20.0	BRL	88.0	70-130			
Trichloroethene	18.4		ug/l	20.0	BRL	92.0	70-130			
rogate: 4-Bromofluorobenzene	*48.5*		ug/l	*50.0*		*97.0*	*70-130*			
urrogate: Toluene-d8	*49.0*		ug/l	*50.0*		*98.0*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*52.0*		ug/l	*50.0*		*104*	*70-130*			
Surrogate: Dibromofluoromethane	*50.4*		ug/l	*50.0*		*101*	*70-130*			
Matrix Spike Dup (4011568-MSD1)	Source: SA07679-01			Prepared & Analyzed: 30-Jan-04						
Benzene	17.0		ug/l	20.0	BRL	85.0	70-130	0.00	30	
Chlorobenzene	18.1		ug/l	20.0	BRL	90.5	70-130	0.00	30	
1,1-Dichloroethene	15.7		ug/l	20.0	BRL	78.5	70-130	1.28	30	
Toluene	17.6		ug/l	20.0	BRL	88.0	70-130	0.00	30	
Trichloroethene	18.3		ug/l	20.0	BRL	91.5	70-130	0.545	30	
Surrogate: 4-Bromofluorobenzene	*48.5*		ug/l	*50.0*		*97.0*	*70-130*			
Surrogate: Toluene-d8	*49.1*		ug/l	*50.0*		*98.2*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*51.3*		ug/l	*50.0*		*103*	*70-130*			
Surrogate: Dibromofluoromethane	*50.2*		ug/l	*50.0*		*100*	*70-130*			
Batch 4011582 - SW846 5030 Soil MS										
Blank (4011582-BLK1)				Prepared & Analyzed: 30-Jan-04						
Acetone	BRL	20.0	ug/kg wet							
Acrylonitrile	BRL	1.00	ug/kg wet							
Benzene	BRL	1.00	ug/kg wet							
Bromobenzene	BRL	1.00	ug/kg wet							
Bromochloromethane	BRL	1.00	ug/kg wet							
Bromodichloromethane	BRL	1.00	ug/kg wet							
Bromoform	BRL	1.00	ug/kg wet							
Bromomethane	BRL	2.00	ug/kg wet							
2-Butanone (MEK)	BRL	10.0	ug/kg wet							
*Butylbenzene	BRL	1.00	ug/kg wet							
-Butylbenzene	BRL	1.00	ug/kg wet							
tert-Butylbenzene	BRL	1.00	ug/kg wet							
Carbon disulfide	BRL	5.00	ug/kg wet							
Carbon tetrachloride	BRL	1.00	ug/kg wet							

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4011582 - SW846 5030 Soil MS										
Blank (4011582-BLK1)				Prepared & Analyzed: 30-Jan-04						
Chlorobenzene	BRL	1.00	ug/kg wet							
Chloroethane	BRL	2.00	ug/kg wet							
Chloroform	BRL	1.00	ug/kg wet							
Chloromethane	BRL	2.00	ug/kg wet							
2-Chlorotoluene	BRL	1.00	ug/kg wet							
4-Chlorotoluene	BRL	1.00	ug/kg wet							
1,2-Dibromo-3-chloropropane	BRL	2.00	ug/kg wet							
Dibromochloromethane	BRL	1.00	ug/kg wet							
1,2-Dibromoethane (EDB)	BRL	1.00	ug/kg wet							
Dibromomethane	BRL	1.00	ug/kg wet							
1,2-Dichlorobenzene	BRL	1.00	ug/kg wet							
1,3-Dichlorobenzene	BRL	1.00	ug/kg wet							
1,4-Dichlorobenzene	BRL	1.00	ug/kg wet							
Dichlorodifluoromethane (Freon12)	BRL	2.00	ug/kg wet							
1,1-Dichloroethane	BRL	1.00	ug/kg wet							
1,2-Dichloroethane	BRL	1.00	ug/kg wet							
1,1-Dichloroethene	BRL	1.00	ug/kg wet							
cis-1,2-Dichloroethene	BRL	1.00	ug/kg wet							
trans-1,2-Dichloroethene	BRL	1.00	ug/kg wet							
1,2-Dichloropropane	BRL	1.00	ug/kg wet							
1,3-Dichloropropane	BRL	1.00	ug/kg wet							
2,2-Dichloropropane	BRL	1.00	ug/kg wet							
1,1-Dichloropropene	BRL	1.00	ug/kg wet							
cis-1,3-Dichloropropene	BRL	1.00	ug/kg wet							
trans-1,3-Dichloropropene	BRL	1.00	ug/kg wet							
Ethylbenzene	BRL	1.00	ug/kg wet							
Hexachlorobutadiene	BRL	1.00	ug/kg wet							
2-Hexanone (MBK)	BRL	10.0	ug/kg wet							
Isopropylbenzene	BRL	1.00	ug/kg wet							
4-Isopropyltoluene	BRL	1.00	ug/kg wet							
Methyl tert-butyl ether	BRL	1.00	ug/kg wet							
4-Methyl-2-pentanone (MIBK)	BRL	10.0	ug/kg wet							
Methylene chloride	BRL	10.0	ug/kg wet							
Naphthalene	BRL	1.00	ug/kg wet							
n-Propylbenzene	BRL	1.00	ug/kg wet							
Styrene	BRL	1.00	ug/kg wet							
1,1,1,2-Tetrachloroethane	BRL	1.00	ug/kg wet							
1,1,2,2-Tetrachloroethane	BRL	1.00	ug/kg wet							
Tetrachloroethene	BRL	1.00	ug/kg wet							
Toluene	BRL	1.00	ug/kg wet							
1,2,3-Trichlorobenzene	BRL	1.00	ug/kg wet							
1,2,4-Trichlorobenzene	BRL	1.00	ug/kg wet							
1,1,1-Trichloroethane	BRL	1.00	ug/kg wet							
1,1,2-Trichloroethane	BRL	1.00	ug/kg wet							
Trichloroethene	BRL	1.00	ug/kg wet							
Trichlorofluoromethane (Freon 11)	BRL	1.00	ug/kg wet							
1,2,3-Trichloropropane	BRL	1.00	ug/kg wet							
1,2,4-Trimethylbenzene	BRL	1.00	ug/kg wet							
1,3,5-Trimethylbenzene	BRL	1.00	ug/kg wet							
Vinyl chloride	BRL	1.00	ug/kg wet							
o-Xylene	BRL	2.00	ug/kg wet							
p,m-Xylene	BRL	1.00	ug/kg wet							
Surrogate: 4-Bromofluorobenzene	*50.4*		ug/kg wet	*50.0*		*101*	*70-130*			
Surrogate: Toluene-d8	*48.0*		ug/kg wet	*50.0*		*96.0*	*70-130*			

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4011582 - SW846 5030 Soil MS										
Blank (4011582-BLK1)			Prepared & Analyzed: 30-Jan-04							
Surrogate: 1,2-Dichloroethane-d4	*44.6*		ug/kg wet	*50.0*		*89.2*	*70-130*			
Surrogate: Dibromofluoromethane	*50.9*		ug/kg wet	*50.0*		*102*	*70-130*			
Duplicate (4011582-DUP1)	Source: SA07792-03		Prepared: 30-Jan-04 Analyzed: 02-Feb-04							
Acetone	BRL	771	ug/kg dry		BRL				30	
Acrylonitrile	BRL	38.5	ug/kg dry		BRL				30	
Benzene	BRL	38.5	ug/kg dry		BRL				30	
Bromobenzene	BRL	38.5	ug/kg dry		BRL				30	
Bromochloromethane	BRL	38.5	ug/kg dry		BRL				30	
Bromodichloromethane	BRL	38.5	ug/kg dry		BRL				30	
Bromoform	BRL	38.5	ug/kg dry		BRL				30	
Bromomethane	BRL	77.1	ug/kg dry		BRL				30	
2-Butanone (MEK)	BRL	385	ug/kg dry		BRL				30	
n-Butylbenzene	BRL	38.5	ug/kg dry		BRL				30	
sec-Butylbenzene	BRL	38.5	ug/kg dry		BRL				30	
tert-Butylbenzene	BRL	38.5	ug/kg dry		BRL				30	
Carbon disulfide	BRL	193	ug/kg dry		BRL				30	
Carbon tetrachloride	BRL	38.5	ug/kg dry		BRL				30	
Chlorobenzene	BRL	38.5	ug/kg dry		BRL				30	
Chloroethane	BRL	77.1	ug/kg dry		BRL				30	
Chloroform	BRL	38.5	ug/kg dry		BRL				30	
Chloromethane	BRL	77.1	ug/kg dry		BRL				30	
2-Chlorotoluene	BRL	38.5	ug/kg dry		BRL				30	
Chlorotoluene	BRL	38.5	ug/kg dry		BRL				30	
-Dibromo-3-chloropropane	BRL	77.1	ug/kg dry		BRL				30	
Dibromochloromethane	BRL	38.5	ug/kg dry		BRL				30	
1,2-Dibromoethane (EDB)	BRL	38.5	ug/kg dry		BRL				30	
Dibromomethane	BRL	38.5	ug/kg dry		BRL				30	
1,2-Dichlorobenzene	BRL	38.5	ug/kg dry		BRL				30	
1,3-Dichlorobenzene	BRL	38.5	ug/kg dry		BRL				30	
1,4-Dichlorobenzene	BRL	38.5	ug/kg dry		BRL				30	
Dichlorodifluoromethane (Freon12)	BRL	77.1	ug/kg dry		BRL				30	
1,1-Dichloroethane	BRL	38.5	ug/kg dry		BRL				30	
1,2-Dichloroethane	BRL	38.5	ug/kg dry		BRL				30	
1,1-Dichloroethene	BRL	38.5	ug/kg dry		BRL				30	
cis-1,2-Dichloroethene	BRL	38.5	ug/kg dry		BRL				30	
trans-1,2-Dichloroethene	BRL	38.5	ug/kg dry		BRL				30	
1,2-Dichloropropane	BRL	38.5	ug/kg dry		BRL				30	
1,3-Dichloropropane	BRL	38.5	ug/kg dry		BRL				30	
2,2-Dichloropropane	BRL	38.5	ug/kg dry		BRL				30	
1,1-Dichloropropene	BRL	38.5	ug/kg dry		BRL				30	
cis-1,3-Dichloropropene	BRL	38.5	ug/kg dry		BRL				30	
trans-1,3-Dichloropropene	BRL	38.5	ug/kg dry		BRL				30	
Ethylbenzene	BRL	38.5	ug/kg dry		BRL				30	
Hexachlorobutadiene	BRL	38.5	ug/kg dry		BRL				30	
2-Hexanone (MBK)	BRL	385	ug/kg dry		BRL				30	
Isopropylbenzene	BRL	38.5	ug/kg dry		BRL				30	
4-Isopropyltoluene	BRL	38.5	ug/kg dry		BRL				30	
Methyl tert-butyl ether	BRL	38.5	ug/kg dry		BRL				30	
4-Methyl-2-pentanone (MIBK)	BRL	385	ug/kg dry		BRL				30	
ethylene chloride	BRL	385	ug/kg dry		BRL				30	
phthalene	BRL	38.5	ug/kg dry		BRL				30	
n-Propylbenzene	BRL	38.5	ug/kg dry		BRL				30	
Styrene	BRL	38.5	ug/kg dry		BRL				30	
1,1,1,2-Tetrachloroethane	BRL	38.5	ug/kg dry		BRL				30	

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4011582 - SW846 5030 Soil MS										
Duplicate (4011582-DUP1)	Source: SA07792-03			Prepared: 30-Jan-04 Analyzed: 02-Feb-04						
1,1,2,2-Tetrachloroethane	BRL	38.5	ug/kg dry		BRL				30	
Tetrachloroethene	BRL	38.5	ug/kg dry		BRL				30	
Toluene	BRL	38.5	ug/kg dry		BRL				30	
1,2,3-Trichlorobenzene	BRL	38.5	ug/kg dry		BRL				30	
1,2,4-Trichlorobenzene	BRL	38.5	ug/kg dry		BRL				30	
1,1,1-Trichloroethane	BRL	38.5	ug/kg dry		BRL				30	
1,1,2-Trichloroethane	BRL	38.5	ug/kg dry		BRL				30	
Trichloroethene	268	38.5	ug/kg dry		255			4.97	30	
Trichlorofluoromethane (Freon 11)	BRL	38.5	ug/kg dry		BRL				30	
1,2,3-Trichloropropane	BRL	38.5	ug/kg dry		BRL				30	
1,2,4-Trimethylbenzene	BRL	38.5	ug/kg dry		BRL				30	
1,3,5-Trimethylbenzene	BRL	38.5	ug/kg dry		BRL				30	
Vinyl chloride	BRL	38.5	ug/kg dry		BRL				30	
m,p-Xylene	BRL	77.1	ug/kg dry		BRL				30	
o-Xylene	BRL	38.5	ug/kg dry		BRL				30	
Surrogate: 4-Bromofluorobenzene	*53.2*		ug/kg dry	*50.0*		*106*	*70-130*			
Surrogate: Toluene-d8	*49.0*		ug/kg dry	*50.0*		*98.0*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*45.0*		ug/kg dry	*50.0*		*90.0*	*70-130*			
Surrogate: Dibromofluoromethane	*51.3*		ug/kg dry	*50.0*		*103*	*70-130*			
Matrix Spike (4011582-MS1)	Source: SA07792-01			Prepared & Analyzed: 30-Jan-04						
Benzene	17.2		ug/kg dry	20.0	BRL	86.0	70-130			
Chlorobenzene	18.8		ug/kg dry	20.0	BRL	94.0	70-130			
1,1-Dichloroethene	14.0		ug/kg dry	20.0	BRL	70.0	70-130			
Toluene	18.8		ug/kg dry	20.0	BRL	94.0	70-130			
Trichloroethene	19.8		ug/kg dry	20.0	2.61	86.0	70-130			
Surrogate: 4-Bromofluorobenzene	*46.4*		ug/kg dry	*50.0*		*92.8*	*70-130*			
Surrogate: Toluene-d8	*49.2*		ug/kg dry	*50.0*		*98.4*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*42.8*		ug/kg dry	*50.0*		*85.6*	*70-130*			
Surrogate: Dibromofluoromethane	*48.9*		ug/kg dry	*50.0*		*97.8*	*70-130*			
Matrix Spike Dup (4011582-MSD1)	Source: SA07792-01			Prepared & Analyzed: 30-Jan-04						
Benzene	17.6		ug/kg dry	20.0	BRL	88.0	70-130	2.30	30	
Chlorobenzene	18.7		ug/kg dry	20.0	BRL	93.5	70-130	0.533	30	
1,1-Dichloroethene	14.1		ug/kg dry	20.0	BRL	70.5	70-130	0.712	30	
Toluene	19.1		ug/kg dry	20.0	BRL	95.5	70-130	1.58	30	
Trichloroethene	19.7		ug/kg dry	20.0	2.61	85.4	70-130	0.700	30	
Surrogate: 4-Bromofluorobenzene	*45.9*		ug/kg dry	*50.0*		*91.8*	*70-130*			
Surrogate: Toluene-d8	*49.3*		ug/kg dry	*50.0*		*98.6*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*44.1*		ug/kg dry	*50.0*		*88.2*	*70-130*			
Surrogate: Dibromofluoromethane	*49.8*		ug/kg dry	*50.0*		*99.6*	*70-130*			
Batch 4020035 - SW846 5035A										
Blank (4020035-BLK1)				Prepared & Analyzed: 02-Feb-04						
Acetone	BRL	100	ug/kg wet							
Acrylonitrile	BRL	5.00	ug/kg wet							
Benzene	BRL	5.00	ug/kg wet							
Bromobenzene	BRL	5.00	ug/kg wet							
Bromochloromethane	BRL	5.00	ug/kg wet							
Bromodichloromethane	BRL	5.00	ug/kg wet							
Bromoform	BRL	5.00	ug/kg wet							
Bromomethane	BRL	10.0	ug/kg wet							
2-Butanone (MEK)	BRL	50.0	ug/kg wet							
n-Butylbenzene	BRL	5.00	ug/kg wet							
sec-Butylbenzene	BRL	5.00	ug/kg wet							

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4020035 - SW846 5035A										
Blank (4020035-BLK1)				Prepared & Analyzed: 02-Feb-04						
tert-Butylbenzene	BRL	5.00	ug/kg wet							
Carbon disulfide	BRL	25.0	ug/kg wet							
Carbon tetrachloride	BRL	5.00	ug/kg wet							
Chlorobenzene	BRL	5.00	ug/kg wet							
Chloroethane	BRL	10.0	ug/kg wet							
Chloroform	BRL	5.00	ug/kg wet							
Chloromethane	BRL	10.0	ug/kg wet							
2-Chlorotoluene	BRL	5.00	ug/kg wet							
4-Chlorotoluene	BRL	5.00	ug/kg wet							
1,2-Dibromo-3-chloropropane	BRL	10.0	ug/kg wet							
Dibromochloromethane	BRL	5.00	ug/kg wet							
1,2-Dibromoethane (EDB)	BRL	5.00	ug/kg wet							
Dibromomethane	BRL	5.00	ug/kg wet							
1,2-Dichlorobenzene	BRL	5.00	ug/kg wet							
1,3-Dichlorobenzene	BRL	5.00	ug/kg wet							
1,4-Dichlorobenzene	BRL	5.00	ug/kg wet							
Dichlorodifluoromethane (Freon12)	BRL	10.0	ug/kg wet							
1,1-Dichloroethane	BRL	5.00	ug/kg wet							
1,2-Dichloroethane	BRL	5.00	ug/kg wet							
1,1-Dichloroethene	BRL	5.00	ug/kg wet							
cis-1,2-Dichloroethene	BRL	5.00	ug/kg wet							
trans-1,2-Dichloroethene	BRL	5.00	ug/kg wet							
1,2-Dichloropropane	BRL	5.00	ug/kg wet							
[illegible]Dichloropropane	BRL	5.00	ug/kg wet							
[illegible]-Dichloropropane	BRL	5.00	ug/kg wet							
1,1-Dichloropropene	BRL	5.00	ug/kg wet							
cis-1,3-Dichloropropene	BRL	5.00	ug/kg wet							
trans-1,3-Dichloropropene	BRL	5.00	ug/kg wet							
Ethylbenzene	BRL	5.00	ug/kg wet							
Hexachlorobutadiene	BRL	5.00	ug/kg wet							
2-Hexanone (MBK)	BRL	50.0	ug/kg wet							
Isopropylbenzene	BRL	5.00	ug/kg wet							
4-Isopropyltoluene	BRL	5.00	ug/kg wet							
Methyl tert-butyl ether	BRL	5.00	ug/kg wet							
4-Methyl-2-pentanone (MIBK)	BRL	50.0	ug/kg wet							
Methylene chloride	BRL	50.0	ug/kg wet							
Naphthalene	BRL	5.00	ug/kg wet							
n-Propylbenzene	BRL	5.00	ug/kg wet							
Styrene	BRL	5.00	ug/kg wet							
1,1,1,2-Tetrachloroethane	BRL	5.00	ug/kg wet							
1,1,2,2-Tetrachloroethane	BRL	5.00	ug/kg wet							
Tetrachloroethene	BRL	5.00	ug/kg wet							
Toluene	BRL	5.00	ug/kg wet							
1,2,3-Trichlorobenzene	BRL	5.00	ug/kg wet							
1,2,4-Trichlorobenzene	BRL	5.00	ug/kg wet							
1,1,1-Trichloroethane	BRL	5.00	ug/kg wet							
1,1,2-Trichloroethane	BRL	5.00	ug/kg wet							
Trichloroethene	BRL	5.00	ug/kg wet							
Trichlorofluoromethane (Freon 11)	BRL	5.00	ug/kg wet							
1,2,3-Trichloropropane	BRL	5.00	ug/kg wet							
[illegible]-Trimethylbenzene	BRL	5.00	ug/kg wet							
[illegible],3,5-Trimethylbenzene	BRL	5.00	ug/kg wet							
Vinyl chloride	BRL	5.00	ug/kg wet							
m,p-Xylene	BRL	10.0	ug/kg wet							

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4020035 - SW846 5035A										
Blank (4020035-BLK1)				Prepared & Analyzed: 02-Feb-04						
o-Xylene	BRL	5.00	ug/kg wet							
Surrogate: 4-Bromofluorobenzene	*48.9*		ug/kg wet	*50.0*		*97.8*	*70-130*			
Surrogate: Toluene-d8	*48.8*		ug/kg wet	*50.0*		*97.6*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*51.9*		ug/kg wet	*50.0*		*104*	*70-130*			
Surrogate: Dibromofluoromethane	*49.6*		ug/kg wet	*50.0*		*99.2*	*70-130*			

Total Metals by EPA 6000/7000 Series Methods, Prepared by SW846 3050B - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4020045 - EPA200/SW7000 Series										
Blank (4020045-BLK1)				Prepared & Analyzed: 02-Feb-04						
Mercury	BRL	0.0010	mg/kg wet							
LCS (4020045-BS1)				Prepared & Analyzed: 02-Feb-04						
Mercury	0.881	0.179	mg/kg wet	0.893		98.7	80-120			
Duplicate (4020045-DUP1)	Source: SA07792-07			Prepared & Analyzed: 02-Feb-04						
Mercury	BRL	0.197	mg/kg dry		BRL				35	
Matrix Spike (4020045-MS1)	Source: SA07773-04			Prepared & Analyzed: 02-Feb-04						
Mercury	0.655	0.163	mg/kg dry	0.380	BRL	172	75-125			QM-07
Matrix Spike Dup (4020045-MSD1)	Source: SA07773-04			Prepared & Analyzed: 02-Feb-04						
Mercury	0.541	0.183	mg/kg dry	0.426	BRL	127	75-125	19.1	35	QM-07
Reference (4020045-SRM1)				Prepared & Analyzed: 02-Feb-04						
Mercury	1.22	0.179	mg/kg wet	1.39		87.8	85-115			

Total Metals by EPA 200 Series Methods - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4020046 - EPA 200 Series										
Blank (4020046-BLK1)				Prepared & Analyzed: 02-Feb-04						
Selenium	BRL	0.0300	mg/kg wet							
Silver	BRL	0.0700	mg/kg wet							
Arsenic	BRL	0.0300	mg/kg wet							
Cadmium	BRL	0.0050	mg/kg wet							
Chromium	BRL	0.0100	mg/kg wet							
Lead	BRL	0.0150	mg/kg wet							
Barium	BRL	0.0100	mg/kg wet							
LCS (4020046-BS1)				Prepared & Analyzed: 02-Feb-04						
Selenium	1.02	0.0300	mg/kg wet	1.00		102	85-115			
Silver	0.991	0.0400	mg/kg wet	1.00		99.1	85-115			
Arsenic	1.01	0.0300	mg/kg wet	1.00		101	85-115			
Cadmium	1.01	0.0050	mg/kg wet	1.00		101	85-115			
Chromium	1.03	0.0100	mg/kg wet	1.00		103	85-115			
Lead	0.993	0.0150	mg/kg wet	1.00		99.3	85-115			
Barium	1.00	0.0100	mg/kg wet	1.00		100	85-115			
Duplicate (4020046-DUP1)		Source: SA07792-07		Prepared & Analyzed: 02-Feb-04						
Selenium	BRL	2.98	mg/kg dry		BRL				20	
Silver	BRL	1.98	mg/kg dry		BRL				20	
Arsenic	7.91	2.98	mg/kg dry		7.28			8.29	20	
Cadmium	BRL	0.496	mg/kg dry		BRL				20	
Chromium	15.2	0.992	mg/kg dry		9.79			43.3	20	QR-05
Lead	44.6	1.49	mg/kg dry		37.8			16.5	20	
Barium	69.8	0.992	mg/kg dry		61.3			13.0	20	
Matrix Spike (4020046-MS1)		Source: SA07773-04		Prepared & Analyzed: 02-Feb-04						
Selenium	90.6	2.75	mg/kg dry	91.8	BRL	98.7	70-130			
Silver	46.4	1.84	mg/kg dry	45.9	BRL	101	70-130			
Arsenic	93.3	2.75	mg/kg dry	91.8	8.04	92.9	70-130			
Cadmium	83.4	0.459	mg/kg dry	91.8	BRL	90.8	70-130			
Chromium	108	0.918	mg/kg dry	91.8	17.3	98.8	70-130			
Lead	122	1.38	mg/kg dry	91.8	40.5	88.8	70-130			
Barium	126	0.918	mg/kg dry	91.8	33.5	101	70-130			
Reference (4020046-SRM1)				Prepared & Analyzed: 02-Feb-04						
Selenium	1.14	0.0300	mg/kg wet	1.07		107	85-115			
Silver	0.222	0.0200	mg/kg wet	0.205		108	85-115			
Arsenic	0.736	0.0300	mg/kg wet	0.674		109	85-115			
Cadmium	1.07	0.0050	mg/kg wet	1.10		97.3	85-115			
Chromium	0.447	0.0100	mg/kg wet	0.513		87.1	85-115			
Lead	1.20	0.0150	mg/kg wet	1.34		89.6	85-115			
Barium	0.108	0.0100	mg/kg wet	0.120		90.0	85-115			

General Chemistry Parameters - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4011577 - General Preparation										
Duplicate (4011577-DUP1)	Source: SA07792-12			Prepared: 30-Jan-04 Analyzed: 02-Feb-04						
% Solids	82.0		%		81.6			0.489	20	
Batch 4020123 - General Preparation										
Duplicate (4020123-DUP1)	Source: SA07870-08			Prepared: 03-Feb-04 Analyzed: 04-Feb-04						
% Solids	84.2		%		86.0			2.12	20	
Batch 4020179 - General Preparation										
Duplicate (4020179-DUP1)	Source: SA07931-01			Prepared: 04-Feb-04 Analyzed: 05-Feb-04						
% Solids	77.1		%		76.2			1.17	20	

Notes and Definitions

HT-2	This sample was received outside the EPA recommended holding time for the analysis specified.
C-1	Analyte out of acceptance range.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QR-05	RPD out of acceptance range.
R-05	The sample was diluted due to the presence of high levels of non-target analytes resulting in elevated reporting limits.
vext1	Lab Extracted
vext2	Field Extracted
VOC10	The VOC field preserved soil sample is not within the recommended 1:1 weight to volume ratio. This is based on SW846 methods 5030 and 5035.
VOC6	The production of Acetone and other ketones is commonly seen when using Sodium Bisulfate in the SW 846 5035A extraction technique.
BRL	Below Reporting Limit - Analyte NOT DETECTED at or above the reporting limit
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. The RDL is generally 5 to 10 times the MDL. However, it may be nominally chosen within these guidelines to simplify data reporting. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Validated by:
Hanibal C. Tayeh, Ph.D.
Nicole Brown

07792

CHAIN OF CUSTODY RECORD

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Page 1 of 2

Special Handling: (10)
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 24hr
- All TAT's subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Ed Hinchey
ERM
5788 Widewaters Pkwy
Dewitt NY. 13214
Project Mgr.: Ed Hinchey

Invoice To: Same
IN#2402023, 1240202245, STD
P.O. No.: 013172 RQN:

Project No.: 013172
Site Name: Axiohm
Location: Ithaca State: N.Y.
Sampler(s): NR + CW

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH_3OH 8=$NaHSO_4$ 9=methanol 10=ice

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1=_____ X2=_____ X3=_____

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: VOCs 8240	Metals RCRA8	QA Reporting Notes:
07792-01	Axi TP16(1.5)	28 Jan 04	1216	G	SO	X3 9,10	3				X		State specific reporting standards. If applicable, please list below.
-02	Axi TP14(3.5)		1143								X		☐ Provide MCP CAM Report. Were all field QC requirements met as per MADEP CAM Section 2.0? ☐ Yes ☐ No (Response required for CAM report)
-03	Axi TP12(2)		1116								X		
-04	Axi TP17(3)		1244								X		
-05	Axi TP18(2)		1258								X		
-06	Axi TP19(2)		1308								X		
-07	Axi TP20(4)		1325								X	X	
-08	Axi TP21(3)		1405								X	X	
-09	Axi TP22(3.5)		1436								X	X	
-10	Axi TP23B(3)		1504								X	X	

☒ Fax results when available to (315) 445-2543
☐ E-mail to edhinchey@erm.com
EDD Format _____

Condition upon receipt: ☒ Iced ☐ Ambient ☐ °C 2

Relinquished by:	Received by:	Date:	Time:
Nancy Lee Rees	Field	28 Jan 04	1740
Field	DK Knowles	1/30/04	10:00

07795

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 2 of 2

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 24 hrs.
- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Ed Hinchey
ERM

Invoice To:

Project No.: 0013172
Site Name: Axiohm
Location: Ithaca State: N.Y.

Project Mgr.:

P.O. No.: RQN:

Sampler(s):

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH_3OH 8=$NaHSO_4$ 9= 10=

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1= X2= X3=

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: VOCs 8260	QA Reporting Notes: (check if needed)
07795-11	Axi TB (012804)	28 Jan 04	—	G	SO	ice	1	2			X	State specific reporting standards if applicable, please list below.
↓ -12	Axi Dupe (012804)	28 Jan 04	—		SO	ice		1			X	☐ Provide MCP CAM Report. Were all field QC requirements met as per MADEP CAM Section 2.0? ☐ Yes ☐ No (Response required for CAM report)

☒ Fax results when available to (See Prev. Sheet)
☒ E-mail to
EDD Format

Condition upon receipt: ☒ Iced ☐ Ambient ☐ °C 2

Relinquished by:	Received by:	Date:	Time:
Nancy Rae Reese	Fed Ex	28 Jan 04	1740
Fed Ex	A Knowles	1/30/04	10:00